UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF COLUMBIA

UNITED STATES OF AMERICA,	)	
	)	
Plaintiff,	)	Civil Action
	)	No. 99-CV-02496 (GK)
v.	)	
	)	
PHILIP MORRIS USA INC.,	)	
f/k/a PHILIP MORRIS INC., *et al.*,	)	Next Scheduled
	)	Appearance:
	)	September 2, 2004
	)	
Defendants.	)	
	)	

UNITED STATES' FACTUAL MEMORANDUM
PURSUANT TO ORDER # 470, SECTION V

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UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF COLUMBIA

UNITED STATES OF AMERICA, Plaintiff, v. PHILIP MORRIS USA INC., f/k/a PHILIP MORRIS INC., *et al.*, Defendants.	)	Civil Action No. 99-CV-02496 (GK) Next scheduled appearance: September 2, 2004

UNITED STATES' FACTUAL MEMORANDUM
PURSUANT TO ORDER # 470, SECTION V

Pursuant to Order # 470, Section V, the United States provides this Factual Memorandum containing information on witnesses expected to be presented at trial (Tab 1), information on other individuals, whose testimony is not expected to be presented at trial, but who are expected to be referred to or discussed during trial to some significant degree (Tab 2), cigarette manufacturers that are expected to be referred to or discussed at trial and the cigarette brands they have manufactured since 1950 (Tab 3), and information about and acronyms for organizations that are expected to be referred to or discussed at trial (Tab 4).

In many instances, defendants' privilege log glossaries, served pursuant to Order #51, have been used as a source for information concerning the specific positions and titles held by defendants' employees, consultants, and attorneys listed in Tab 2. To the extent defendants provided inaccurate information to the United States, that information may be reflected in some of the entries in Tab 2. The United States also notes that defendants R. J. Reynolds, Brown & Williamson and BATCo have not provided any information to the United States about changes to

their corporate structure that may have occurred as a result of the recent formation of Reynolds American by merger between R. J. Reynolds and Brown & Williamson, and the United States prepared the entries in Tab 4 in the absence of such information from these defendants.

Respectfully submitted,

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Assistant Attorney General

/s/ Sharon Y. Eubanks
SHARON Y. EUBANKS (DC Bar # 420147)
Director, Tobacco Litigation Team

/s/ Stephen D. Brody
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United States of America

August 16, 2004

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U.S. TRIAL WITNESSES

Adams, Paul N. (US Fact Witness): Mr. Adams joined the British American Tobacco (BAT) Group in 1991 as Asia Territorial Director for the Far East and Australasia. He currently is both the Chairman of British American Tobacco (Investments) Limited (BATCo) and the Chief Executive Officer of the ultimate parent of BATCo and Brown & Williamson ("B&W"), British American Tobacco, Plc. ("BAT Plc.") In that position, he has succeeded Martin Broughton as the highest ranking executive in the BAT Group. During his career at BATCo he has held the following positions:

- BATCo, Asia Territorial Director, Far East and Australasia, 1991-1993
- BATCo, Asia Regional Director, Far East and Australasia, 1993-1998
- BATCo, Regional Director, Europe, 1999-2001
- BATCo, Deputy Managing Director, 2001-2002
- BATCo, Managing Director, 2002
- BATCo, Chairman, 2002-present
- BAT Plc., Executive Director, 2001-2003
- BAT Plc., Chief Executive Officer, 2004-present.

In addition to the positions above, Adams has also sat on the Board of Directors of BAT Plc., BATCo, and BAT Holdings. In his positions as a Director of BAT Plc. and BAT Holdings, Adams is directly responsible for B&W in addition to BATCo. In the course of his career with the BAT Group, Adams has been involved in all aspects of the BAT Group's business.

Adams, William. (US Fact Witness): Mr. Adams began working for Defendant The Tobacco Institute, Inc. ("TI") as its Controller in 1978. During his career at the TI, Adams was its chief financial officer and served in the following positions:

- 1978-1984 Controller, Treasurer, and Finance Division Director
- 1985-1992 Controller, Vice President, Management Information Services Supervisor
- 1993-2000 Senior Vice President of Finance and Administration
- 6/2000 - present TI consultant

Mr. Adams is the only person who remains on the Tobacco Institute's payroll. During his time with the Tobacco Institute, Adams was involved in virtually all aspects of its financial and administrative activities. After converting from employee to consultant when the Tobacco Institute dissolved, Adams has been, and continues to be, offered as the Tobacco Institute's 30(b)(6) witness in all smoking and health lawsuits, and therefore testifies on an unlimited number of topics, e.g., environmental tobacco smoke, youth smoking cessations programs, public statements made by the Tobacco Institute and whether those public statements were disseminated by mail or wire.

Albino, Anthony. (US Fact Witness): Dr. Albino is currently Vice President of Public Health Affairs at the Vector Group. His employment with Vector Tobacco began in March 2001, but was transferred in the spring of 2002 to work for the Vector Group, Ltd. Both Vector Tobacco and Vector Group, Ltd. are affiliated with the Liggett Group Inc. Dr. Albino received his Ph.D. from Cornell University in 1974 in retrovirology. Following a postdoctoral fellowship, Dr. Albino was employed as a researcher at the Hospital for Special Surgery (1974-78), Memorial Sloan-Kettering Cancer Center (1978-1995), and then Director of Research at the Manhattan Eye, Ear, and Throat Hospital (1995-1997). He was then Director of Research at the American Health Foundation (1997-2201). Dr. Albino was hired to research the feasability of developing a reduced carcinogen cigarette that may reduce the risk of adverse health effects from smoking. Dr. Albino supervises all aspects of Vector's research efforts with respect to the biological effects of its reduced carcinogen cigarette, Omni. He is knowledgeable of the fact that Vector conducted no biological testing of Omni prior to marketing. Furthermore, Vector does not know, based upon its research, whether Omni is less carcinogenic, genotoxic or mutagenic than control cigarettes.

Alonso, Hector. (US Fact Witness): Dr. Alonso, an engineer by training, has been Vice President for Product Development and Technology at Philip Morris USA Inc. since March 2001. In that role, he has substantial responsibility for the science around product research, including the physics and chemistry associated with cigarettes and cigarette components; product development, including the Selective Constituent Reduction ("SCoR") program; and the manufacturing and engineering of Accord, Philip Morris USA's electrically heated cigarette product. He reports directly to Urs Nyffeler, the Senior Vice President for Research, Development, and Engineering. Dr. Alonso has been at Philip Morris USA since 1979 in the following positions:

- Vice President, New Technology and Product Development (5/2000-3/2001);
- Vice President, Product Commercial Technology and Engineer (5/1998-5/2000);
- Manager, Plant-M (1/1998-5/1998);
- Manager, Plant-MC (8/1996-1/1998);
- Manager, Engineer (3/1996-8/1996);
- Manager, Maintenance and Engineering (9/1992-3/1996);
- Manager, PRIM S-S (1991-9/1992);
- Manager, TOBMILS (1987-1991);
- Engineer, Group Leader (1981-1987)
- Engineer Staff, Utilities (3/5/79-1981)

Anise, Roy. (US Fact Witness): Mr. Anise is currently the Senior Vice President of Planning and Information for Philip Morris. Since joining Philip Morris in 1984 as a market research analyst, Anise has also held positions as Manager of Market Research, Director of

Market Research, Category Director for the Marlboro Brand Group, Director of Premium Brands, Vice President of Discount Brands, Vice President of Marketing Information and Planning, and Group Vice President of Marketing Information and Planning.

Balter, Nancy. (US Fact Witness): Dr. Balter is a scientist who spent the majority of her career on the faculty of Georgetown University School of Medicine teaching pharmacology and toxicology. In 1995, Balter retired from academics and became a principal with the International Center for Toxicology and Medicine. Over the years, Dr. Balter was heavily involved in organizations comprised of, or associated with, the tobacco industry, such as the Center for Environmental Health and Human Toxicology ("CEHHT"), the Tobacco Institute, the Environmental Tobacco Smoke ("ETS") Advisory Group ("ETSAG"), and the Indoor Air Pollution Advisory Group ("IAPAG"). Dr. Balter appeared as a scientific witness before regulatory bodies, legislative bodies, and conference assemblies on behalf of tobacco company interests. She played a role, with the industry lawyers, in selecting scientists for the tobacco industry's ETS consultancy program.

Beasley, Lynn J. (formerly Lynn J. Breininger, through September 1989). (US Fact Witness): Ms. Beasley rose from a brand manager in 1985 to become the second ranking person at Defendant R.J. Reynolds. During her career at the company, Mr. Beasley has served in the following positions:

- 9/85-12/86 Brand Manager
- 1987 Senior Brand Manager
- 1988 Director of Special Marketings
- 1989 Vice President of Strategic Marketing
- 1991 Vice President of Winston
- 1995 Senior Vice President of Brand Marketing for Winston, Camel and Salem
- 1997 Executive Vice President of Marking
- 2002 President and Chief Operating Officer

During her time with the company, Ms. Beasley has been involved in virtually all aspects of the company's business, particularly with regard to marketing to youth, the Joe Camel campaign, and post-Master Settlement Agreement magazine print placement policy.

Benowitz, Neal M.D. (US Expert Witness): Dr. Benowitz received his medical degree with a distinction in research from the University of Rochester School of Medicine in 1969. He is licensed to practice medicine in the State of California and is board certified by the American Board of Internal Medicine (since 1974), the American Board of Medical Toxicology (since 1981) and the American Board of Clinical Pharmacology (since 1993).

Dr. Benowitz currently works as a Professor of Medicine, Psychiatry and Biopharmaceutical Sciences at the University of California, San Francisco ("UCSF"), where he has been a member of the faculty since 1974. Dr. Benowitz also serves as Chief of UCSF's Division of Clinical Pharmacology and Experimental Therapeutics as well as Vice Chair of the Department of Biopharmaceutical Sciences at UCSF's School of Pharmacy. In addition to his responsibilities at UCSF, Dr. Benowtiz is an attending physician on the Medical Service and the Cardiology Service at San Francisco General Hospital as well as a Clinical Pharmacology and Toxicology consultant at the same hospital.

Dr. Benowitz has also engaged in numerous research projects related to smoking and health issues. For the past twenty years, Dr. Benowitz's research has focused on the study of the human pharmacology of nicotine, with an emphasis on nicotine addiction. Among the issues he has studied are (1) the role of nicotine in controlling cigarette smoking and the use of other forms of tobacco; (2) individual variability in the psychological and neuroendocrine responses to nicotine; (3) the pathways and genetics of nicotine metabolism and pharmacological activity of nicotine breakdown substances; (4) innovative smoking cessation therapies; and (5) the interactions between nicotine and illicit drugs such as methamphetamine and cocaine.

In his career, Dr. Benowitz has written over 300 peer reviewed original articles and almost 50 book chapters on subjects related to the pharmacology of nicotine and nicotine addiction. Dr. Benowitz has also worked extensively with the federal government on these subjects as well. For example, Dr. Benowitz was a senior scientific editor and contributing author for the 1988 Report of the Surgeon General, entitled *The Health Consequences of Smoking: Nicotine Addiction*, a groundbreaking and universally accepted report that concluded that cigarettes were addicting, nicotine was the drug in tobacco that causes addiction, and the pharmacological and behavioral processes that determine tobacco addiction are similar to those that determine addiction to drugs such as cocaine and heroin. Dr. Benowitz also served as an expert peer reviewer for the Surgeon General's 1994 report concerning tobacco use by young people. This report concluded, in part, that most adolescent smokers are addicted to nicotine and want to quit and that those smokers experience relapse rates and withdrawal symptoms similar to those experienced by adult smokers.

In his career, Dr. Benowitz has testified in numerous smoking and health cases involving both individual smoker plaintiffs and States suing the tobacco industry.

Bereman, Robert. (US Fact Witness): Mr. Bereman was originally hired by Vector Tobacco in January 2001, but was transferred in the spring of 2002 to work for Vector Research Ltd. and, at the time of his deposition in this case, was the Vice President for Chemical Research. Both Vector Tobacco and Vector Research Ltd. are affiliated with the Liggett Group Inc. Mr.

Bereman received a B.S. in chemistry from Butler, a Ph.D. in physical and organic chemistry from Michigan State, and was a post doctoral fellow at the University of Illinois.

Mr. Bereman was hired by Vector Tobacco to help renew its research into the XA cigarette. Mr. Bereman conducted tests on the smoke from these XA cigarettes and initial results showed a reduction in polycyclic aromatic hydrocarbons ("PHAs"). Mr. Bereman also reviewed several of Liggett's XA patents that dated back to the 1970s and confirmed that Liggett had discovered a way to reduce PHAs in cigarettes a decade earlier. Mr. Bereman concluded that Liggett could have marketed the XA cigarette in those earlier years. Mr. Bereman also developed the Omni cigarette, which was based on the same XA technology, in only a few years.

- 1980-2002: Professor of Chemistry, North Caroline State University
- 2001-2002: Research Chemist, Vector Tobacco
- 2002 Vice President of Chemical Research, Vector Research Ltd.

Berlind, Mark. (US Fact Witness): Mr. Berlind has been employed in various counsel positions at Philip Morris since March 1996. Since September 2000, he has served as Associate General Counsel, Corporate Affairs Legal, Philip Morris Management Corporation ("PMMC") (now Altria Corporate Services Inc.), which provides services, including legal counsel, to all of the Altria entities. Prior to his current position, Mr. Berlind served in the following positions:

- Senior Assistant General Counsel, Worldwide Regulatory Affairs, PMMC (8/1/97-8/31/00);
- Assistant General Counsel, PMMC (3/11/96-7/31/97);
- Vice President and U.S. General Counsel, Gemini Consulting/Cap Gemini (1990-1996);
- Associate, Cleary, Gottlieb, Steen & Hamilton (1987-1990).

In his current position, Mr. Berlind provides assistance to the Corporate Affairs groups at Altria and Philip Morris USA in such areas as public affairs, governmental affairs, and corporate communications. He has been actively involved in the coordination and drafting of statements on various issues, including smoking and health issues, that appear on Philip Morris USA's corporate website.

Bernstein, Ronald. (US Fact Witness): Mr. Bernstein is currently the President and Chief Executive Officer of both Liggett Group Inc. and Liggett Vector Brands. Liggett Vector Brands handles the sales and marketing efforts for both Liggett and Vector cigarettes. As President and Chief Executive Officer of both companies, Mr. Bernstein is responsible for developing and carrying out the companies' strategic missions.

- 1991-1995: Chief Financial Officer, Liggett Group Inc.
- 1995-2000: President and Chief Executive Officer, Brooke Overseas Ltd. (sister company of Liggett Group Inc.)
- General Director, Liggett-Ducat Ltd. (Russian operating subsidiary)
- 2000-present: President and Chief Executive Officer, Liggett Group Inc. and Liggett Vector Brands

Mr. Bernstein is knowledgeable about the Company's positions on causation, addiction, ETS, and was involved in the decision to stop marketing the Omni cigarette. Mr. Bernstein has also said that despite the Company's knowledge of "smoker compensation," there are no plans to remove ventilation holes from its low and light tar cigarettes.

Bexon, Robert L. (US Fact Witness): Robert L. Bexon, President and CEO, Imperial Tobacco Company Limited ("ITL"), August 27, 2000 to present President and COO, ITL, July 4, 1999 to August 27, 2000 SECONDMENT TO Brown & Williamson ("B&W"): Senior Vice-President, Marketing & Sales, B&W, September 1, 1995 to July 4, 1999 (secondment approved by Don Brown, CEO and Chairman of the Board, ITL), Ulrich Herter (Managing Director, BAT plc), and Nicholas G. "Nick" Brookes (B&W CEO and Director Americas and Pacific ("AMPAC") Region for BAT)

- AMPAC Region, Nick Brookes' regional marketing director beginning with Battalion restructure of BAT in Jan. 1996 until July 4, 1999
- Vice-President, Marketing, ITL, October 10, 1991 to Sept. 1, 1995
- Director, Marketing Strategy & Development, ITL, November 11, 1985 to October 10, 1991
- Manager, Product Packaging & Development, ITL, June 24, 1985 to November 11, 1985
- Marketing Planning Associate, ITL, February 2, 1982 to June 24, 1985
- Creative Services Manager, ITL, June 1, 1981 to February 1, 1982
- Manager, Research Group, ITL, October 1, 1980 to June 1, 1981
- Consumer Research Manager, ITL, January 1, 1980 to October 1, 1980
- Sales Planning Manager, ITL, March 1, 1978 to January 1, 1980
- Assistant Manager, Sales Forecasting, Marketing Research, ITL, June 1, 1978 to March 1, 1978
- Manager, Marketing Information, Ontario Region, ITL, March 9, 1977 to June 1, 1978
- Supervisor, Marketing Information, Ontario Region, ITL, October 11, 1976 to March 9, 1977
- Sales representative, Ontario Region, ITL, May 6, 1975 to October 11, 1976

Robert Bexon is expected to testify by deposition designation concerning 1) B&W and BATCo corporate conduct and positions, including corporate statements about smoking and health; the addictiveness of nicotine; marketing to youth and "low tar/low nicotine" cigarettes; 2) predicate acts constituting the pattern of racketeering activity through which B&W participated in the conduct, management, and operation of the affairs of the Enterprise, including B&W's and BATCo's marketing activities and company or industry knowledge regarding marketing and public statements regarding advertising, merchandising, and promotional activities; 3) B&W's and BATCo's marketing activities related to youth and "low tar/low nicotine" cigarettes; 4) company or industry knowledge regarding youth smoking issues and public statements concerning the voluntary restrictions or codes; and 5) claims about "low tar/low nicotine" cigarettes in the marketing of such cigarettes and efforts to market less hazardous cigarettes.

Bible, Geoffrey C. (US Fact Witness): Mr. Bible was Chairman and CEO of Defendant Altria Group Inc. (f/k/a Philip Morris Companies) from 1994-2002. (He was CEO through April 1992, and Chairman through September 2002). Prior to serving as Altria CEO, Mr. Bible held the following positions in Philip Morris entities:

- Vice Chairman, World Wide Tobacco, Philip Morris Companies (5/25/1994-6/20/1994)
- Executive Vice President, Worldwide Tobacco Operations, Philip Morris Companies (4/1993-5/1994)
- Executive Vice President, Philip Morris International. (4/1/1991-4/1/1993)
- President and Chief Administrative Officer, Kraft General Foods, (2/1/1990-4/1/1991)
- Chief Executive Officer, Philip Morris International (1987-90);
- Executive Vice President, Philip Morris International, (2/1/1984-4/1/1987);
- Managing Director, Philip Morris Australia, Philip Morris International (5/1/1981-2/1/1984);
- Vice President, Planning, Philip Morris International, (10/1/1979-5/1/1981);
- Director, Planning, Philip Morris Europe/Middle East/Africa, Philip Morris International (7/1/1976-10/1/1979)
- Manager of Finance, Philip Morris Europe/Middle East/Africa, Philip Morris International (11/1/1968-1970)

From 1970-1976, Mr. Bible worked in Geneva for an Australian investment firm.

In his positions at Philip Morris entities and Altria, Mr. Bible was closely and personally involved in all facets of the tobacco business, including coordination of Philip Morris's smoking and health positions worldwide, research, and creation of Altria and Philip Morris USA's

corporate websites.

Biglan, Anthony Ph.D. (US Expert Witness): Dr. Biglan, currently Senior Scientist and Director, Center for Community Interventions on Childrearing, at the Oregon Research Institute ("ORI"), has been conducting research on adolescent smoking for over twenty-five years. At ORI, Dr. Biglan is responsible for directing research on adolescent smoking and other adolescent problem behaviors. Dr. Biglan has extensive experience developing and evaluating youth smoking prevention programs. He has written over 100 publications and has been awarded grants by the National Cancer Institute and National Institute on Drug Abuse. From September 2000 through June 2001, Dr. Biglan was a Fellow at Center for Advanced Study in the Behavioral Sciences. Dr. Biglan has served as a Participant on the Behavior Change Expert Panel of the Office of White House National Drug Control Policy and as a grant reviewer for the National Institute of Drug Abuse Epidemiology and Prevention Review Committee. In addition, Dr. Biglan serves on the Board of the Society Prevention Research, and is the current President-Elect of the organization.

Black, Roger. (US Fact Witness): Mr. Black joined Brown & Williamson ("B&W") in 1981 as an Associate Leaf Blender. He is currently Director of Product Development & Leaf Blending. During his career at B&W he has held the following positions:

- B&W, Associate Leaf Blender, 1981-84
- B&W, Leaf Blender, 1984-1986
- B&W, Senior Leaf Blender, 1986-1991
- B&W, Manager of Leaf Blending, 1991-1993
- B&W, Director of Leaf Blending, 1993-2002
- B&W, Director of Product Development & Leaf Blending, 2002-present

As a leaf blender, Black has played in role in selecting the type and position of tobacco leaves which impacts both taste and nicotine level. Black also authored a chapter of the Handbook on Root Technology which discusses the use of ammonia to increase the effective level of nicotine in tobacco smoke.

Blackie, Sharon (formerly Sharon Boyse)**.** (US Fact Witness): Dr. Blackie began working for BATCo in 1986 as a Senior Scientific Advisor in the Corporate R&D Department. In 1991 she moved to the Corporate Affairs Department where she was Manager of Smoking Issues, and then Head of Smoking Issues from 1993 to 1994. From 1994 to 1996 she left the company and worked as an industry consultant. From 1996 to 2000 she worked for Brown & Williamson as the Director of Scientific Issues, and then as Director of Applied Research from 2001 to 2002. In 2002 she returned to BATCo to the position of Head of Strategic Research.

Blixt, Charles. (US Fact Witness): Mr. Blixt began with Defendant R.J. Reynolds in 1985 as an associate counsel of litigation, and rose to his current position of Executive Vice President and General Counsel. During his career with the company, he has served in the following positions:

- 1985 Associate Counsel of Litigation
- 1987 Counsel, Research and Development Division
- 1995 General Counsel and Senior Vice President of Defendant R.J. Reynolds
- 1999 General Counsel of both Defendant R.J. Reynolds and R.J Reynolds Tobacco Holdings
- 1999 Executive Vice President and General Counsel of Defendant R.J. Reynolds and R.J. Reynolds Tobacco Holdings, Inc.

Mr. Blixt, who sat on the company's board of directors from approximately 1995 to 1998 or 1999, has been involved in virtually all aspects of the company's business, particularly regarding the Master Settlement Agreement. He sits on the company's executive committee, which is composed of the top executive of each operating segment of the company.
After becoming general counsel for Defendant R.J. Reynolds, Mr. Blixt attended meetings with other general counsel of Joint Defendants who were members of Defendant Tobacco Institute, concerning lobbying issues in which Defendant Tobacco Institute was involved. This group of general counsel was known as the committee of counsel. Mr. Blixt has acknowledged that Defendant R.J. Reynolds' attorneys were among a group of attorneys who organized scientific research for Defendant The Council for Tobacco Research's "special projects."

Blynn, Guy M. (US Fact Witness): Mr. Blynn began with Defendant R.J. Reynolds between 1985 and 1987, primarily doing copyright and trademark law. Eventually his responsibilities grew to include marketing, and he rose to become Vice President, Deputy General Counsel, and Secretary of the company.

He is knowledgeable of Defendant R.J. Reynolds' marketing policies and practices, including their advertising both before and after the effective date of the Master Settlement Agreement. On occasion, he has attended Executive Committee meetings.

Bonhomme, Jeanne. (US Fact Witness): Ms. Bonhomme, currently Director of Youth Smoking Prevention Research for Philip Morris, has been with the company for nearly 25 years. During her career at Philip Morris, Ms. Bonhomme served in the following positions:

- Director of Youth Smoking Prevention, 2000-present
- Director of Direct Mail Marketing, 1998-2000

- Manager, Program Development Information, 1996-1998
- Manager of Other Premium Brands, 1994-1996
- Part-Time Manager of Marketing Research, 1985-1994
- Manager of Marketing Research, 1981-1985
- Marketing Research Analyst, 1979-1981

During her employment with Philip Morris, Ms. Bonhomme has been involved in multiple aspects of the company's business, particularly conducting consumer marketing research that contributed to Philip Morris's cigarette advertising and marketing campaigns.

Boyse, Sharon. See Blackie, Sharon. (US Fact Witness).

Brandt, Allan M. Ph.D. (US Expert Witness): Dr. Brandt is the Amalie Moses Kass Professor in the History of Medicine at Harvard Medical School and Professor of the History of Science at Harvard University, where he is currently the chair of the Department of the History of Science. Dr. Brandt received his B.A. from Brandeis University, *magna cum laude*, in 1974. He received his M.A. (1975), M. Phil (1978) and Ph.D. (1983) in American History from Columbia University. Dr. Brandt has held the following professional appointments:

- 2000- present Chair, Department of the History of Science, Harvard University
- 1996- present Director, Division of Medical Ethics, Harvard Medical School
- 1992 - present Amalie Moses Kass Professor of the History of Medicine
  Department of Social Medicine
  Harvard Medical School
  Director, Program in the History of Medicine
  Professor of the History of Science
  Department of the History of Science
  Harvard University
- 1990-1992 Associate Professor
  Department of Social Medicine and Department of History
  University of North Carolina at Chapel Hill
- 1987-1990 Associate Professor of the History of Medicine and Science
  Department of Social Medicine and Health Policy
  Harvard Medical School
  Department of the History of Science
  Harvard University
- 1983-1987 Assistant Professor of the History of Medicine and Science
  Department of Social Medicine and Health Policy
  Harvard Medical School
  Department of the History of Science

		Harvard University
•	1982	Instructor Department of Social Medicine and Health Policy Harvard Medical School Department of the History of Science Harvard University
•	1982	Instructor Department of History Smith College
•	1979-1982	Teaching Fellow in the Humanities Faculty of Medicine College of Physicians and Surgeons Columbia University
•	1977-1982	Research Associate Project on Value and Ethics in Health Care College of Physicians and Surgeons Columbia University

Dr. Brandt has studied and published widely on the subjects of the social history of American medicine, science and public health. He has published extensively on smoking and health issues. He is the recipient of numerous fellowships and awards, among them a Pulitzer Prize Nomination, President's Fellowship at Harvard University, and the Burroughs Wellcome Fund History of Medicine Award.

Breininger, Lynn J. See Beasley, Lynn J. (US Fact Witness).

Brennan, Nancy. See Nancy Lund. (US Fact Witness).

Brookes, Nicholas G. (US Fact Witness): Nicholas Brookes held numerous positions within the BAT Group of companies including a stint as Chairman and CEO of Brown & Williamson ("B&W") from 1995 to 2000. During his career with the BAT Group of companies, Brookes held the following positions:

•	1978-1982	Solicitor in British American Tobacco legal department
•	1982-1985	Managing Director of BATCo's subsidiary in Sierra Leone and Liberia
•	1985-1987	Company Secretary of BAT Stores, a BAT Industries, Plc. subsidiary which owned retailing interests in the United Kingdom
•	1987-1988	Secretary to the Chairman's policy committee of BAT Industries, Plc. as well as Secretary to the Board of Directors of BAT Industries, Plc.

- 1989-1993 Member of the Board of Directors of BATCo
- 1990-1993 Chairman and Managing Director of BAT UK and Export Limited
- 1993-1995 Director of New Business Development of British American Tobacco, Plc.
- 1995-2000 Chairman and Chief Executive Officer of Brown & Williamson Tobacco Corporation
- 1996-2004 Regional Director, America-Pacific Region (Canada, United States, Japan, Korea), of British American Tobacco Holdings Limited

As Chairman and CEO of Brown & Williamson ("B&W"), as well as one of the five Regional Directors of British American Tobacco Holdings Limited, Mr. Brookes was involved at the highest levels of the entire British American Tobacco group of companies in decisions related to the public positions taken on smoking and health, addiction, and youth marketing. While Chairman and CEO of Brown & Williamson, Mr. Brookes presented speeches in which he indicated that the tobacco industry needed to change, that it had not been open enough about the health risks of smoking, and that it was late in addressing the youth smoking issue.

Bumgarner, Joseph. (US Fact Witness): Mr. Bumgarner was a research biochemist at R. J. Reynolds from 1967-1970. Mr. Bumgarner currently works for the United States Environmental Protection Agency as a research chemist.

While at R. J. Reynolds, Mr. Bumgarner worked in what was known as the company's "Mouse House," where he performed research concerning how the human body's functioning was affected by smoking. His employment with R. J. Reynolds was terminated in 1970 when, bowing to pressure from Philip Morris, R. J. Reynolds dismantled the Mouse House research operation.

Bunch, John. (US Fact Witness): Dr. Bunch was unemployed at the time of his deposition He received Ph.D. in chemistry from N.C. State University. His last employer was Vector Tobacco.

- 1991-1999 Employed at Liggett
- 1999-2001 Vice President of Research at BT Tobacco which eventually became Vector Tobacco in September 2000

Prior to coming to Liggett, Dr. Bunch was a postdoctoral fellow at the Research Triangle Institute (1984-1986) and then worked at a company called Webb Technical Group (1986-1987). He then worked at Accurex Corporation for seven months doing contract work for the EPA and then at Mary Kay Cosmetics where he assisted in the analysis of cosmetic products. He then

worked as Division Laboratory Director at Sedgefield Specialities, the textile chemical manufacturing facility for Burlington Industries (1990-1991). At Liggett, Dr. Bunch conducted research on "no nicotine tobacco" in order to produce cigarettes that contained very reduced amounts of nicotine. Bunch also conducted research on a "safer" cigarette utilizing the palladium catalyst which was the basis for the XA project. He also worked on "fire safe" cigarettes while at BT Tobacco. He was also the Secretary for the United States Technical Advisory Group ("USTAG") for the International Standards Organization for Tobacco ("ISOTC126").

Bunn, Paul A. M.D. (US Expert Witness): Dr. Bunn is a medical oncologist at the University of Colorado Cancer Center in Denver, Colorado. Dr. Bunn received his B.A. from Amherst College, *cum laude*, and his M.D. from Cornell University Medical Center. He is Board Certified in Internal Medicine and Medical Oncology. Before coming to the University of Colorado, Dr. Bunn held the following positions:

- 1973-1976 Clinical Associate, Medicine Branch, National Institutes of Health
- 1976-1981 Senior Investigator, Medical Oncology Branch, National Cancer Institute
- 1976-1981 Assistant Professor of Medicine, Georgetown University Medical School
- 1981-1984 Head Cell Kinetic Section, NCI-Navy Medical Oncology Branch
- 1981-1984 Associate Professor of Medicine University of Health Sciences

In 1984, Dr. Bunn became a Professor of Medicine at the University of Colorado Health Sciences Center, a position he continues to hold today. At that same time, he became the Head of the Division of Medical Oncology at the University of Colorado Health Sciences Center. In 1987, Dr. Bunn became the Director of the University of Colorado Cancer Center. From 1996-1999, Dr. Bunn served as Interim Chairman in the Department of Radiation Oncology at the University of Colorado Health Sciences Center. In 1998, he became the Grohne/Stapp endowed Chair of Cancer Research at the University.

Dr. Bunn has published prolifically in peer-reviewed medical journals on the subject of lung cancer, including diagnosis, prevention and treatment. He has also written several books and many book chapters on these topics.

Dr. Bunn currently leads several grants that research and develop state of the art therapies and medicines for the treatment of lung cancer. He holds numerous patents for pharmaceuticals and methods. Dr. Bunn has and presently sits on several national and international advisory boards, including the Cancer Research Foundation of America Medical Advisory Board, and he is the immediate Past-President of the American Society of Clinical Oncologists.

Burger, Gary. (US Fact Witness): Dr. Burger is a Doctor of Veterinary Medicine and former Director of Research and Development at R.J. Reynolds Tobacco Co. His work history at Reynolds is as follows:

- 1984: Director of Toxicology
- 1990: Vice President of Advance Technology Products
- 1992: Vice President of Product Development and Brands
- 1994: Vice President of Product Development and Product Assessment
- 1996-2001: Senior Vice President and Director of Research and Development

In these positions, Dr. Burger was witness to and participated in activities involving the development and preparation for sale of potentially less hazardous products such as Winston Select/EW, Premier and Eclipse. In conjunction with his service at Reynolds, Burger also served on the Board of the Council for Tobacco Research and the Board of the Center for Indoor Air Research.

Burns, David M. M.D. (US Expert Witness): Dr. David M. Burns is a medical doctor and professor of medicine at the University of California, San Diego School of Medicine. He is board certified in pulmonary medicine and internal medicine. After graduating from Harvard Medical School in 1972, Dr. Burns held numerous physician and teaching positions including those at Boston City Hospital, Emory University, and the University of California at San Diego. He has served as Scientific Editor for the Surgeon General's Report from 1980-1983, Senior Scientific Editor from 1984-1987, and Senior Reviewer from 1987 to present. Among his many other writing accomplishments, Dr. Burns has edited a series of monographs for the National Cancer Institute.

Burrows, Diane S. (US Fact Witness): Ms. Burrows worked for Defendant R.J. Reynolds from 1979 to 1993, rising from work in the library to become a Senior Marketing Manager for the company's Camel brand. During her career at Defendant R.J. Reynolds, Ms. Burrows served in the following positions:

- 1979 Library
- early 1980s Marketing Research and Forecasting
- 1989 Brand Marketing Forecasting

Ms. Burrows was a company leader in conducting market forecasting focused on increasing the company's share of the youth market, and studying the effect of price on sales to youth. For a memorandum she wrote regarding the effect of price sensitivity by age and sex of smokers, she used data regarding 12 to 17-year-olds. One of her memoranda concerned increasing the popularity of the Camel brand to youth.

Camisa, Richard. (US Fact Witness): Mr. Camisa has worked with Philip Morris for the past 25 years, since he was hired straight out of college to work in finance for Philip Morris International. Since beginning his employment with Philip Morris in 1979, Mr. Camisa has devoted his career to working his way steadily through the ranks of the company, ultimately achieving the position of Director of Media and Compliance in 2003. Some of the positions he has held in his quarter century with Philip Morris are:

- Market Research (early 1980s);
- Assistant Brand Manager and Brand Manager for Marlboro, Benson & Hedges, Merit, and Players brand cigarettes (mid 1980s to early 1990s);
- Brand Manager for Marlboro New Products (early 1990s);
- Manager, Out-of-home portfolio for Marlboro Media (mid-1990s);
- Director of Media (late 1990s to 2003);
- Director of Media and Compliance (2003 - present)

Mr. Camisa's career at Philip Morris has spanned many segments of Philip Morris's marketing and research departments. For most of his career, Mr. Camisa has been a key player in decision making regarding the marketing of Philip Morris's biggest brands, including Marlboro, in magazines, alternative newspapers, point-of-sale and billboards, and has been Director of Media for much of the last ten years. Most recently, Mr. Camisa has been responsible for compliance efforts for the entire marketing department at Philip Morris. Mr. Camisa is a 30(b)(6) designated witness for Philip Morris on the issue of make good credits.

Campbell, William I. (US Fact Witness): Mr. Campbell was the former President and CEO, and Chairman of Philip Morris USA during the 1990's. His long career at Philip Morris spanned four decades and included high level positions at various PM companies including Philip Morris International, Philip Morris Companies and Philip Morris USA. Mr. Campbell's involvement encompassed nearly every aspect of company business including marketing and sales. Prior to his retirement in 1995, Mr. Campbell testified on behalf of Philip Morris before Congress. During Mr. Campbell's career at Philip Morris, he served in the following positions:

- Chairman, Philip Morris USA Inc. (12/19/1994-06/01/1995)
- President and Chief Executive Officer, Philip Morris USA Inc. (09/01/1990-12/19/1994)
- Senior Vice President, Corporate Planning, Philip Morris Companies (02/01/1989-09/01/1990)
- Executive Vice President, Marketing & Sales, Philip Morris USA Inc. (05/01/1987-02/01/1989)
- Vice President, Philip Morris USA Inc. (08/31/1983-05/01/1987)

- President, Philip Morris Asia, Inc., Philip Morris International (02/01/1981-08/15/1983)
- Executive Vice President, Philip Morris Asia, Inc., Philip Morris International (05/01/1979-02/01/1981)
- Vice President, Asia-Hong Kong, Philip Morris International (1976-1979)
- Philip Morris International, Canada (1967-1976)

Mr. Campbell also participated in coordinated tobacco industry activity, serving on the Council for Tobacco Research ("CTR") Board of Directors (1991-1995).

Cannar, Nicholas. (US Fact Witness): Mr. Cannar is a retired counsel and executive formerly employed by several BAT companies, including BATCo, WD & HO Wills (now BATAS), and Wills spin off Imperial Tobacco Australia. Cannar also acted as external counsel to Wills while with the firm of Eversheds. During his career in the tobacco industry he held the following positions:

- BATCo, Counsel, 1981-1985
- BATCo, Company Secretary & Head of Legal Department, 1985-1991
- Eversheds, External Counsel to BATCo, 1991-1995
- Wills, Director of Legal Services, 1995-1999
- Imperial Tobacco Australia, Managing Director, 1999-2003

Head of the Legal Department for BATCo, Mr. Cannar supervised Project Discovery, which catalogued the degree of harm that documents at the Group Research & Development Center would do to BATCo, Brown & Williamson ("B&W"), and other BAT Group companies if discovered in litigation. Mr. Cannar played a central role in various other document management projects at BATCo that the United States alleges were part of BATCo's fraudulent document management policy. Mr. Cannar directed that Andrew Foyle create the document that became known as the "Foyle Memorandum." After becoming Director of Legal Services for Wills, Mr. Cannar directed discovery efforts in response to a wave of product liability litigation. Mr. Cannar gave instructions to destroy smoking and health research documents while additional litigation was on foot.

Carchman, Richard Ph.D. (US Fact Witness): Since his retirement from Philip Morris in February 1999, Dr. Carchman has been a consultant to Philip Morris USA, and served as Philip Morris's Rule 30(b)(6) designee for two depositions in this case. Dr. Carchman held the following positions at Philip Morris:

- Vice President, Research, Development & Engineering (9/1998-2/1999);
- Vice President, Worldwide Scientific Affairs (12/1997-8/1998)
- Vice President, Scientific Affairs, Philip Morris USA & Philip Morris

International (11/1996-12/1997);
- Group Director, Scientific Affairs (9/1996-10/1996)
- Director, Scientific Affairs (10/1992-8/1996);
- Manager, Philip Morris Incorporated (2/1991-09/1992);
- Principal Scientist Research & Development (12/1988-02/1991)

Prior to his time at Philip Morris, Dr. Carchman's employment history was as follows:

- Professor, Medical College of Virginia (various positions) (5/1974-12/1988);
- Postdoctoral Fellow, Molecular Biology, National Institute of Health("NIH")/National Cancer Institute (NCI) (9/1972-5/1974);
- NIH Predoctoral Fellow, State University of New York (SUNY) Downstate (1968-1972)
- Technical Research Assistant, Institute for Cancer Research, Columbia Univ. (1964-1968)

While at Philip Morris, Dr. Carchman served on the Board of Directors of Center for Indoor Air Research ("CIAR") from 1993-1997, and as CIAR Chairman in 1998. In his current role as consultant, Dr. Carchman serves as a witness in litigation for Philip Morris USA, including as an expert witness, and as an advisor in certain of Philip Morris's scientific research endeavors.

Carmona, Vice Admiral Richard H., M.D., F.A.C.S. (US Fact Witness): Admiral Carmona is the United States Surgeon General, a post he has held since August 2002. He has worked in various positions in the medical field prior to his current post, including paramedic, registered nurse and physician. He was the chairman of the State of Arizona Southern Regional Emergency Medical System, a professor of surgery, public health and family and community medicine at the University of Arizona, and the Pima County Sheriff's Department surgeon and deputy sheriff. Dr. Carmona has also held progressive positions of responsibility as Chief Medical Officer, Hospital Chief Executive Officer, Public Health Officer, and finally Chief Executive Officer of the Pima County Health Care System. He has also served as a medical director of police and fire departments. His responsibilities as United States Surgeon General include the following:

- To protect and advance the health of the Nation through educating the public; advocating for effective disease prevention and health promotion programs and activities; and, provide a highly recognized symbol of national commitment to protecting and improving the public's health;
- To articulate scientifically based health policy analysis and advice to the President and the Secretary of Health and Human Services ("HHS") on the full range of

critical public health, medical, and health system issues facing the Nation;

- To provide leadership in promoting special Departmental health initiatives, e.g., tobacco and HIV prevention efforts, with other governmental and non-governmental entities, both domestically and internationally; and
- To elevate the quality of public health practice in the professional disciplines through the advancement of appropriate standards and research priorities.

Chaloupka, Frank J., Ph.D. (US Expert Witness): Dr. Chaloupka is a Professor at the College of Business Administration, Department of Economics, and School of Public Health, Center for Health Services Research, at the University of Illinois at Chicago("UIC"). Dr. Chaloupka also serves as the Director, Health Policy Center, at the UIC Health Research and Policy Centers and as an Affiliate Member of the Institute for Government and Public Affairs at the University of Illinois. Dr. Chaloupka has performed extensive research on the effect of price and other control policies on the demand for tobacco. Dr. Chaloupka has written numerous publications on the economics of tobacco use, including articles in peer-reviewed journals and book chapters. Dr. Chaloupka has served as member of numerous governmental committees addressing the issue of tobacco use and control. In addition, Dr. Chaloupka serves on the Editorial Board of Contemporary Economic Policy and as Associate Editor for Economics, Tobacco Control: An International Journal. Dr. Chaloupka has received funding for his research from the Centers for Disease Control, National Institute on Alcohol Abuse and Alcoholism, National Institute on Drug Abuse, National Cancer Institute, Robert Wood Johnson Foundation, and the American Cancer Society.

Chilcote, Samuel. (US Fact Witness): Mr. Chilcote, Jr. was President of Defendant the Tobacco Institute, Inc. from 1981 to 1999. The search firm of Heidrich Struggals, hired by the Defendant Cigarette Manufacturers, recruited Chilcote from the distillers industry. Chilcote was elected President of the Tobacco Institute in February 1981 and terminated his employment with the Tobacco Institute in January 1999 at age 62. His employment positions have included:

- 1967-1973 Distilled Spirits Institute ("DSI") Regional Supervisor; DSI Director of Field Division; DSI Vice President; DSI Executive Director
- 1973-1978 Executive Vice President of the Distilled Spirits Council of the United States, Inc. ("DISCUS")
- 1978-1981 President and CEO of DISCUS
- 1981-1999 President of the Tobacco Institute, Inc.

During his tenure with the Tobacco Institute, Chilcote was involved in virtually all aspects of its activities, particularly public relations and lobbying related to smoking and health issues. As President, Chilcote oversaw the Tobacco Institute's management and operations, and

played an instrumental role in the Tobacco Institute's coordination with Defendants' representatives and lawyers regarding industry positions on adverse health effects of smoking and environmental tobacco smoke, the addictiveness of nicotine, and other industry issues.

Coggins, Christopher. (US Fact Witness): Mr. Coggins will testify as a corporate designee on behalf of Lorillard. He is now employed by Philip Morris, but formerly served as Senior Vice President of Scientific Affairs for Lorillard. He also held the position of Senior Vice President of Science and Technology at Lorillard. Coggins was employed by R.J. Reynolds from 1985 until 1996 as a Master Scientist and a Principal Scientist.

Comer, Kay. See Kinnard, Alison Kay. (US Fact Witness):

Conrad, Nancy. (US Fact Witness): From a sales representative, Nancy Conrad has risen to Philip Morris's Category Director, where she directs marketing of Marlboro and new products. Most of Ms. Conrad's twenty-five year career at Philip Morris has been within marketing. Ms. Conrad has served in the following positions at Philip Morris:

- Category Director, Marlboro Direct & New Products, Philip Morris USA Inc. (03/01/2000-Present)
- Senior Brand Manager, Marlboro Promotions, Philip Morris USA Inc. (04/01/1999-03/01/2000)
- Brand Manager, Marlboro, Philip Morris USA Inc. (09/01/1998-04/01/1999)
- Brand Manager, Benson & Hedges, Philip Morris USA Inc. (04/01/1997-09/01/1998)
- Brand Manager, Marketing Discount Brands (Cambridge, Alpine, Dave's), Philip Morris USA Inc. (07/01/1995-04/01/1997)
- Assistant Brand Manager, Discount Brands, Philip Morris USA Inc. (09/12/1994-07/01/1995)
- Manager, Discount Brand Promotions, Philip Morris USA Inc. (09/01/1993-09/12/1994)
- District Manager, Philip Morris USA Inc. (11/01/1991-09/01/1993)
- Senior Account Manager, Philip Morris USA Inc. (07/01/1987-11/01/1991)
- Area Manager, Philip Morris USA Inc. (07/01/1983-07/01/1987)
- Assistant Division Manager, Philip Morris USA Inc. (08/01/1982-07/01/1983)
- Sales Representative I, Philip Morris USA Inc. (07/01/1980-08/01/1982)
- Sales Representative II, Philip Morris USA Inc. (04/08/1979-07/01/1980)

Craighead, John. (US Fact Witness): Dr. Craighead was a member of the Council for Tobacco Research ("CTR") Scientific Advisory Board ("SAB") for eighteen months in 1976 and

1977. He left because of perceived censorship by attorneys in the Council for Tobacco Research grant application review process. His employment and academic positions have included:

•	1956	received M.D., University of Utah
•	1957-1958	researcher, Laboratory of Infectious Diseases, National Institutes of Health, Bethesda, Maryland
•	1958-1960	researcher, Middle American Research Unit, National Institutes of Health, Balboa Heights, Canal Zone, tropical viruses
•	1960-1961	Junior Assistant Resident in Pathology, Peter Bent Brigham Hospital, Boston, Massachusetts
•	1961-1962	Senior Assistant Resident in Pathology, Peter Bent Brigham Hospital, Boston
•	1962-1963	Chief Resident in Pathology, Peter Bent Brigham Hospital, Boston
•	1963-1966	Associate in Pathology, Harvard Medical School, Harvard University, Boston, Massachusetts, primarily teaching infectious disease and general pathology to medical students
•	1963-1968	Associate in Pathology, Peter Bent Brigham Hospital, Boston
•	1966-1968	Assistant Professor of Pathology, Harvard Medical School, Harvard University
•	1/1/1967-4/1/1973	Applied for and received a three-year CTR grant for research into adenoviruses in respiratory tract and a three-year renewal grant
•	1968-1969	Associate Professor of Pathology, College of Medicine, University of Vermont, Burlington, Vermont, specializing in pulmonary disease
•	1969-1996	Professor of Pathology, College of Medicine, University of Vermont, Burlington
•	1970-1994	Attending Physician, Medical Center Hospital of Vermont, Burlington, Vermont
•	1974-1990	Chairman, Department of Pathology, College of Medicine, University of Vermont
•	1979-1982	Under auspices of National Institute for Occupational Safety and Health, undertook study of asbestos-associated diseases with group of researchers
•	1995-2000	Attending Physician, Fletcher Allen Health Care, Burlington, Vermont
•	1996-2000	Professor of Pathology Emeritus, College of Medicine, University of Vermont
•	2000-?	70-year-old career researcher and academician, retired from his post as Professor of Pathology at University of Vermont College of Medicine and semi-retired from private medical practice and

consulting

During his career, Dr. Craighead published over 160 peer-reviewed articles, the dominant theme being lung diseases. Subsequent to his resignation, CTR reinitiated contact with Craighead on a couple of occasions in the late 1970s and early 1980s, asking him to consult on issues outside the expertise of the sitting members of the SAB, inviting him to rejoin the SAB (which he did not do), and asking him to give a lecture (which he did give). In 1984, Craighead gave an invited-presentation to the CTR SAB on the four different types of asbestos that have been commercially used since 1880.

Creighton, Francis. (US Fact Witness): Ms. Creighton currently works for R.J. Reynolds as a Senior Vice President of Marketing and is in charge of the Camel, Salem, Winston & Doral business units, as well as Reynolds' sales analysis and planning group. This group is responsible for the oversight of Reynolds' sales tracking system, which monitors market share information for the company. Ms. Creighton began working at R.J. Reynolds Tobacco International in 1981 as a marketing researcher. In 1983, she transferred over to Reynolds' domestic tobacco company, and began working in its marketing research department. From 1983 until 1989, Ms. Creighton held several positions in the brand research area, where she worked on the design of different types of market research testing, the analysis of sales information and market research testing, and the reporting of the market research results to the Reynolds brand teams. In 1989, Ms. Creighton transferred to the marketing department, where eventually she joined the Magna brand marketing team for one year. In 1991, Ms. Creighton became a senior marketing manager for the Winston brand. In 1995, she became Director of the Camel brand business unit and was promoted in 1997 to Vice President of that same unit. Ms. Creighton held that position until 2002, when she was assigned her current position. Ms. Creighton has long been involved in R.J. Reynolds' marketing activities as well as its monitoring of the market shares of its products. She has worked extensively on efforts to increase the number of 18-21 year old smokers using R.J. Reynolds products and has looked at the effect of Reynolds' marketing efforts on youth smokers as well. Ms. Creighton's testimony will occur during the youth marketing section of the United States' case.

Cullman, Joseph III. (US Fact Witness): Mr. Cullman III, (deceased) was the former CEO of Philip Morris (1957 to 1978) who transformed Philip Morris into one of the biggest companies in the United States. He served in pivotal positions at Philip Morris, including President, Board member and Chairman of the Board of Philip Morris. During his career at Philip Morris, Mr. Cullman served in the following positions:

- Philip Morris Board of Director, Chairman Emeritus (1984-1997)
- Director Philip Morris Companies (1986)
- Chairman of the Executive Committee (11/1978-05/1984)

- Member and Chairman Executive Committee of Board of Directors, Philip Morris USA Inc. (1969-1983)
- Chief Executive Officer, Philip Morris USA Inc. (1957-1977)
- Chairman of the Board of Directors and Chief Executive Officer, Philip Morris USA Inc. (1966-1977)
- President, Philip Morris USA Inc. (1957-1965)
- Executive Vice President (1955-1957)
- Vice President (1954-1955)

Joseph Cullman III also played an important role in coordinated tobacco industry activity, working with Council for Tobacco Research ("CTR") and Tobacco Institute ("TI"). Mr. Cullman was involved in defendants' efforts to deny the health effects of cigarette smoking. He served as Philip Morris's representative on the Council for Tobacco Research Board of Directors (1971-1977) and on the Tobacco Institute's Executive Committee and on its Board of Directors (1958-1977).

Dawson, Brennan (formerly Brennan Moran through 1988). (US Fact Witness): Ms. Dawson began working for Defendant, The Tobacco Institute, Inc., as an Assistant to President Samuel Chilcote in 1986. Prior to her employment by the Tobacco Institute, Dawson had spent five years working on social policy issues, as a political appointee of the Reagan Administration and an assistant to Margaret Heckler, Secretary of the Department of Health and Human Services. During her career with the tobacco industry, Dawson has served in the following positions:

- 1986-1990 Assistant to the President of the Tobacco Institute
- 1990-1992 Director of Media Relations
- 1992-1994 Vice President of Public Affairs Division
- 1994-1996 Senior Vice President, Public Affairs Division
- 1997-present Brown & Williamson Vice President of External Affairs

Since 2001, Dawson has been a member of the Council for Tobacco Research ("CTR") Board of Directors, representing Brown & Williamson. During her tenure with the Tobacco Institute, Dawson was involved in virtually all of its public statements and public relations activities on behalf of the industry. She played an instrumental role in the Tobacco Institute's coordination, along with Defendants' public relations personnel and other representatives, of the industry positions denying the adverse health effects of smoking (including environmental tobacco smoke), the addictiveness of nicotine, and the industry's marketing to youth. Dawson helped organize the Tobacco Institute "Truth Squad" media tours and the scientific witness team that wrote articles and op-eds denying the link between ETS exposure and disease.

deBethizy, Donald J. (US Fact Witness): Dr. deBethizy is a toxicologist who worked for R.J. Reynolds Tobacco Co. from 1985 to 2000, rising to the level of Vice President of Product Evaluation. He is now the president of Targacept, a company in Winston-Salem, NC of which Reynolds owns 41%, that focuses on the use and development of nicotine analogues. At Reynolds, deBethizy served in the following positions:

- 1985: bench level researcher in xenobiotics and pharmacokinetics
- 1990: manager of pharmacology
- 1992: director of biological research
- 1994: director of product evaluation
- 1996-2000: VP for Product Evaluation

In his VP position, deBethizy was in charge of all toxicology work at the company, overseeing groups including environmental and molecular toxicology, genotoxicity, animal toxicology, smoking behavior and pharmacology. Product Evaluation at Reynolds purported to oversee processes including the testing or evaluation of both conventional and believed-to-be less hazardous products such as Premier and Eclipse – two products deBethizy claims were premised on a hypothesis of reducing tar while maintaining high nicotine levels. Indeed, deBethizy co-authored a strategy to develop what became Eclipse for the purpose of stemming the "decline of smoking incidence" by offering a product that created the perception of being less hazardous in order to "minimize ... [smokers'] concerns regarding the hazards of smoking" – i.e., to remove an incentive to quitting smoking. DeBethizy also claims to have expertise in nicotine issues, using these skills to, among other things, develop and lead a Positive Aspects of Nicotine Team project to defend the industry by creating a debate around why people smoke, with a goal of fighting efforts to classify nicotine as addictive, employing both scientific and communications/public opinion tools. He served as a science media liaison for the company from 1990 to 2000.

DeNoble, Victor. (US Fact Witness): Dr. DeNoble, a Ph.D. in physiological psychology, was Project Leader of the Behavioral Pharmacology Laboratory at Philip Morris from 1980-1984. While there, he conducted (along with his lab partner, Paul Mele) research on nicotine and its analogues (chemical variants), including research on nicotine's role as a behavioral reinforcer in rats. He was let go by Philip Morris in 1984. He testified about his work at Philip Morris at the Waxman subcommittee tobacco hearings in 1994. Since leaving Philip Morris in 1984, Dr. DeNoble has held the following positions:

- Vice President, Hissho Incorporated (a company specializing in scientific and medical communications);
- Senior Behavior Analyst with the Department of Mental Retardation at the Delaware State Department of Health and Social Services (dates uncertain)

- Research Associate, DuPont, Merck (dates uncertain)

Prior to working at Philip Morris, Dr. DeNoble was a research associate in the psychiatry research unit at the University of Minnesota in 1979.

Dey, Kinsley Van. (US Fact Witness): Mr. Dey, who is now deceased, worked for defendant Liggett Group Inc. for almost 15 years, rising from the assistant to the President of marketing in 1975 to President and Chief Executive Officer from 1977 to 1984. During his career at Liggett, Mr. Dey served in the following positions:

- 2/1975-6/1975: Assistant to the President, Marketing, Liggett Group Inc.
- 1975-1976: Vice President, Domestic Sales, Liggett Group Inc.
- 1976-1977: Assistant to the President, Marketing, Liggett Group Inc.
- 5/1977-12/1977: Chief Operating Officer, Liggett Group Inc.
- 12/1977-1984: President and Chief Executive Officer, Liggett Group Inc.
- 1977-1982: Board of Directors, Tobacco Institute
- 1978-1987: Executive Committee Member, Tobacco Institute
- 1980: Communications Committee Member, Tobacco Institute

During his time with the company, Mr. Dey was involved in virtually all aspects of the company's business, particularly research and public relations related to smoking and health issues, and as CEO, eventually oversaw Liggett's operations. Mr. Dey also played an instrumental role in coordinated tobacco industry activity, spending a large amount of time working on various Tobacco Institute ("TI") committees. He served on TI's Board of Directors from 1977-1982, on its Executive Committee from 1978-1987, and on its Communications Committee in 1980. Mr. Dey was also involved in Liggett's decision not to market the XA cigarette. In explaining this decision, Mr. Dey said that the purpose of the XA research, on which the company spent twelve years and millions of dollars, was for the purpose of producing a test cigarette yielding smoke condensate less carcinogenic to mouseskin, not to create a cigarette less hazardous to humans.

Dietz, Dennis. (US Fact Witness): Dr. Dietz is employed as a Study Directory and Senior Toxicologist by Battelle Columbus, Richland, Washington. He received a Ph.D. in Toxicology from the University of Michigan in 1976. He is a board-certified toxicologist and works on cigarette smoke inhalation studies at Battelle. He is a consultant to tobacco manufacturers. His employment at Liggett:

- August 1990 - September 1999: Manager of Scientific Issues at Liggett

Previously, Dr. Dietz was employed by the National Toxicology Program, National

Institute of Environmental Health Sciences (1986-1990). While at Liggett Dr. Dietz was responsible for product oversight, quality control and product stewardship. Dr. Dietz was involved with all aspects of the research conducted at Liggett and is knowledgeable about Liggett's positions on causation, addiction, ETS, and Liggett's use of ammonia to manipulate nicotine. He was also the primary point of contact for Liggett's participation in the Tobacco Ingredient's Review Panel and has knowledge about the nondisclosure of certain ingredients contained in cigarettes because the ingredients may be harmful. He is also knowledgeable about Liggett's research policy and the fact that product liability concerns drove the nature of Liggett's research. He is also familiar with Liggett's standard practice to stamp research "Privileged & Confidential" in an attempt to shield it from public disclosure in discovery.

DiMarco, G. Robert. (US Fact Witness): Dr. DiMarco is a plant pathologist. He was the Vice President of Research and Development at R.J. Reynolds Tobacco Co. from 1982 to 1985, and from 1985 to 1992 he was the Senior Vice President of Research and Development there. Dr. DiMarco's experiences provide him with knowledge about Reynolds's conduct in the research, development, and commercialization of potentially less hazardous cigarette products; . Reynolds's efforts to maintain an "open question" about the health effects of smoking including, in part, its refusal to conduct research in-house to answer that "question"; and about the role of industry counsel in setting and managing scientific research agenda. DiMarco also served on the Board of the Council for Tobacco Research.

Dolan, Robert J. Ph.D. (US Expert Witness): Dr. Dolan is currently Dean of the University of Michigan Business School. During his distinguished career, Dr. Dolan has held positions including:

- 1976-1980: Associate Professor of Management Science and Marketing, University of Chicago Graduate School of Business
- 1980-2001: Professor of Business Administration in Marketing Area, Harvard University School of Business Administration
- 2001 to present: Dean and Professor of Business Administration, University of Michigan Business School

While at Harvard Business School, Dr. Dolan served as the Marketing Area Chairman from 1986-1994, in which position he oversaw all marketing faculty and directed the marketing program. Dr. Dolan has received many awards and honors over his career, including an honorary M.A. from Harvard University. Dr. Dolan has published numerous books and journal articles on marketing, and has served as a consultant on marketing for more than 30 companies, including Chase Manhattan Bank, Ford Motor Company, and Dupont. In 1998, Dr. Dolan testified about Defendants' cigarette marketing practices for the state of Minnesota during the trial in State of Minnesota v. Philip Morris et. al.

Donahue, Daniel. (US Fact Witness): After working twelve years as a litigator representing R.J. Reynolds with the private law firm of Womble Carlyle, Mr. Donahue joined R.J. Reynolds in 1990. Mr. Donahue is currently a Senior Vice President and Deputy General Counsel in charge of litigation for R.J. Reynolds. He is responsible for managing all of Reynolds' actions relating to smoking and health litigation. In that role, Mr. Donahue works to coordinate and supervise all aspects of Reynolds' defense in each case in which it is a defendant, including *United States v. Philip Morris, Inc., et al.* Mr. Donahue has also worked as a consultant to foreign tobacco companies in their smoking and health litigation, advising them on document production as well litigation strategies used by the U.S. tobacco industry. A March 19, 1999 letter shows that Mr. Donahue worked to hide and then return a tobacco scientific report that had been sent to R.J. Reynolds in error by attorneys in England. Mr. Donahue has since claimed that this document was in fact a joke on his part. In addition to his litigation role, Mr. Donahue has also represented R.J. Reynolds at meetings attended by groups consisting of tobacco company lawyers and scientists. These groups worked to ensure that negative information concerning smoking was suppressed or otherwise kept from the general public and the scientific and health communities**.**

Doolittle, David. (US Fact Witness): Dr. Doolittle is a pharmacologist/toxicologist in the R&D Department at R.J. Reynolds Tobacco Co., currently serving as the Vice President of Product Evaluation. His work history at Reynolds is as follows:

- 1985: Senior Toxicologist
- 1988: Senior Staff Toxicologist
- 1990: Manager of Genetic Toxicology
- 1992: Master Scientist & Manager of Genetic Toxicology
- 1994: Principal Scientist & Manager of Genetic Toxicology
- 1996: Director of Genetic Toxicology
- 2000- present: Vice President of Product Evaluation

In his current position, Doolittle oversees five groups: (a) biochemistry; (b) in vivo research; (c) in vitro research; (d) smoking behavior; and (d) physiology. Doolittle admits that, from the perspective of genetic toxicity, if smoked to compensate for the design differences, "light" cigarettes present the same risk as full flavor cigarettes, and the reduction in lights on a per cigarette basis would disappear if the Federal Trade Commission yield were not the measure of tar delivery for the per-cigarette evaluation. Also experienced in product evaluation, Doolittle co-authored a strategy to develop what became the Eclipse cigarette for the purpose of stemming the "decline of smoking incidence" by offering a product that created the *perception* of being less hazardous in order to "minimize ... [smokers'] concerns regarding the hazards of smoking" –

i.e., to remove an incentive to quitting smoking.

Dudreck, Thomas. (US Fact Witness): Mr. Dudreck has worked at the Leo Burnett advertising agency for almost 30 years, 25 of which he has worked on the Philip Morris account creating marketing for brands including Marlboro. During his career at Leo Burnett, Thomas Dudreck has served in the following positions:

- 1975-1980: Account Executive, Procter and Gamble Account, Leo Burnett Company
- 1980-1985: Account Executive, Philip Morris Account, Leo Burnett Company
- 1985-1989: Vice President, Account Supervisor, Leo Burnett Company
- 1989-1994: Vice President, Account Director, Leo Burnett Company
- 1994-1998: Senior Vice President, Leo Burnett Company
- 1998-present: Executive Vice President, Leo Burnett Company

Thomas Dudreck is currently the most senior employee at Leo Burnett supervising all Philip Morris business, including all work Leo Burnett performs for the Marlboro brand. As such, he is familiar with all guidelines followed by Leo Burnett in performing work such as designing, creating, and placing marketing for Philip Morris. Mr. Dudreck is also familiar with the documents that Leo Burnett maintains in the regular course of its business on the Philip Morris account. Leo Burnett designated Thomas Dudreck as its corporate designee in this case.

Duffin, Anne. (US Fact Witness): Ms. Duffin is currently retired from the Tobacco Institute ("TI"), for whom she worked in a myriad of smoking and health related public relations positions for over twenty years, from 1968-1989. Ms. Duffin started out at TI as a Public Relations Assistant to William Kloepfer and later served as:

- Vice President and Director of Publications
- Issues Manager (including First Amendment, Advertising and Youth Issues) and
- Director of Special Projects

Ms. Duffin also helped establish TI's "Helping Youth Decide" public relations program and sought groups of educators to endorse TI's youth program as a means of bolstering the program's credibility with legislators. Before joining TI, Duffin worked as a writer and researcher for the Tiderock Corporation from 1967-1968. In this position, Duffin advised Tiderock's client, Defendant Brown & Williamson, on how to disseminate information to the public about the smoking and health controversy. Prior to working for Tiderock Corporation in 1967, Duffin held these positions:

- 1967: Assistant Editor, Business Section, Newsweek, New York

- 1965-1966: Assistant Public Relations Director, Bank of California
- 1964: News Reporter, Daily Commercial News, San Francisco
- 1964: News Reporter, Oxnard Press-Courier
- 1963: Bureau Secretary, Newsweek Los Angeles
- 1961-1962: Assistant Editor, National Affairs Section, Newsweek
- 1960-1961: Periscope Department, Newsweek
- 1958-1960: Various Positions: Newsweek (Researcher, Clip Desk Worker, Mail Desk Attendant)
- 1957-1958: Sales Promotion Manager, The Crosley Broadcasting Corp.

Dunham, John. (US Fact Witness): Mr. Dunham was employed by Philip Morris Management Corporation for five years managing fiscal issues. As the manager of the Fiscal Issues department, Mr. Dunham was involved in economic research, and he prepared critical analyses of tobacco-related articles written by economists. These analyses were then used to formulate talking points and summaries that were provided to Philip Morris lobbyists and communications department employees at Philip Morris USA. Prior to coming to Philip Morris, Mr. Dunham worked for the Philadelphia Port Authority. After leaving Philip Morris in 2001, Mr. Dunham has continued his relationship with the company as an outside consultant on economic issues. His positions at Philip Morris include the following:

- 1996-2001: Manager, Fiscal Issues, Philip Morris Management Corporation

His positions outside of PM include the following:

- 2001-2002: Consultant, American Economics Group
- 2002-present: Founder, John Dunham and Associates

Dunn, William. (US Fact Witness): Mr. Dunn worked as a scientist and manager with Philip Morris from the early 1960s until his retirement in 1988. During his career with Philip Morris, he rose rapidly through the ranks and took on many leadership positions. His positions with Philip Morris included:

- Senior Scientist (early 1960s);
- Associate Principal Scientist (mid 1960s to mid 1970s);
- Principal Scientist (late 1970s to 1980s);
- Retired (1988)

Mr. Dunn's position as Principal Scientist was the highest position on the research ladder at Philip Morris. In that role, he supervised other scientists in Philip Morris's Richmond facility, such as Frank Gullotta, and reviewed many of the studies on cigarettes and nicotine that were

undertaken by Philip Morris. Mr. Dunn was a Special Project Grantee for the Council for Tobacco Research in the early 1970s. At around this time, Mr. Dunn characterized the cigarette as a delivery system for the drug, nicotine, and a pack of cigarettes as delivering a daily dose of nicotine.

Eisenberg, Max. (US Fact Witness): Dr. Eisenberg was Executive Director of the Center for Indoor Air Research ("CIAR") from its inception in 1988 until its apparent dissolution in 2000. As Executive Director, Dr. Eisenberg's responsibilities included establishing the organization and the procedures under which it operated and overseeing its daily activities. Upon CIAR's dissolution, Dr. Eisenberg formed and became the sole principal of the Research Management Group, LLC, a firm that manages Philip Morris's External Research Program.

Dr. Eisenberg played a major role in defendants' initiatives and misrepresentations concerning secondhand smoke, including, for example, research projects funded by defendants and defendants' development of scientific witnesses used to analyze, critique and review passive smoking research and proposed smoking legislation. In addition, Dr. Eisenberg closely worked with industry lawyers regarding environmental tobacco smoke research, including approval of research, revision of results of such research, and whether to publish the results of such research.

Ellis, Cathy Ph.D. (US Fact Witness): Dr. Ellis has worked for Philip Morris for the last 25 years, during which time she rose from scientist to become one of the top executives in the company. Dr. Ellis came to Philip Morris from a post-doctorate program at the Medical College of Virginia in biophysics. Dr. Ellis received her Ph.D. in pharmacology. Some of the positions she has held for Philip Morris include:

- Research Scientist (early 1980s);
- Project Leader (mid 1980s);
- Manager of the Biochemical Research Division (late 1980s to early 1990s);
- Director of Applied Research (early 1990s);
- Director of Research (mid 1990s);
- Vice President of Research and Development (mid 1990s);
- Senior Vice President, Worldwide Scientific Affairs (late 1990s)

Dr. Ellis has worked on many of Philip Morris's research projects involving the importance of nicotine to maintaining smoking habits and the alteration of the nicotine/tar ratios through methods such as leaf-blending, the use of reconstituted tobacco and additives, and cigarette design. In her position as Senior Vice President, she has overseen the work of a department employing approximately 600 people and has reported directly to the President of Philip Morris.

Eriksen, Michael Ph.D. (US Expert Witness): Dr. Eriksen is currently Professor & Director of the Institute of Public Health at Georgia State University. Dr. Eriksen is the former Director of the Centers for Disease Control and Prevention's Office on Smoking and Health ("OSH"), the primary Federal agency responsible for coordinating tobacco and health issues. At OSH, Dr. Eriksen was responsible for the preparation of the Reports of the United States Surgeon General. Dr. Eriksen has researched and published about the tobacco industry and tobacco-related disease control and prevention issues for over 20 years. During his distinguished career, Dr. Eriksen has held the following positions:

- Director & Professor, Institute of Public Health, Georgia State University, 2002-present
- Distinguished Consultant, Centers for Disease Control, assigned to the World Health Organization, 2000-2002
- Director, Office on Smoking and Health, Centers for Disease Control, 1992-2000
- Director, Behavioral Research Program, Department of Cancer Prevention and Control, University of Texas M.D. Anderson Cancer Center, 1986-1992
- Director of Preventative & Health Education, Pacific Bell, 1982-1986

Dr. Eriksen has written nearly 80 articles in peer-reviewed journals and books on tobacco-related issues and has received numerous professional awards and honors, for instance recently being recognized by the Georgia Cancer Institute as a Distinguished Cancer Scholar, an honor accompanied by substantial grant money for research related to tobacco. Dr. Eriksen has served on numerous committees dealing with public health issues as well the editorial boards of several prestigious public health journals. In addition to his current duties directing Georgia State University's Institute of Public Health, Dr. Eriksen continues to conduct research and publish his work on tobacco-related issues.

Farone, William A. Ph.D. (US Expert & Fact Witness): Since 1987, Dr. Farone, a Ph.D. in Physical Chemistry, has been President and Chief Executive Officer of Applied Power Concepts, Inc., a chemical technology and biotechnology company that he founded, in Irvine, CA. Applied Power Concept's areas of specialty include alternate energy production and bioremediation. Previously, Dr. Farone was Director of Applied Research at Philip Morris USA from 1977-1984, after coming to Philip Morris as a Principal Scientist in 1976. Dr. Farone's prior employment was as follows:

- Vice President, Research and Development, PVO International (1975-1976)
- Director of Scientific Research, Lever Brothers Co. (1972-1975)
- Manager, Detergents Evaluation, Lever Bros. (1970-1972)
- Manager, New Products Group, Lever Bros. (1969)

- Senior Research Association, Lever Bros. (1967)
- Associate Professor of Chemistry, Virginia State University (1965-1967)
- Physicist, White Sands Missile Range (1964-1965)
- Engineer, General Electric Co. (summer 1959 & 1960)

As Director of Applied Research at Philip Morris, Dr. Farone reported directly to the Vice President for Research and Development. Dr. Farone supervised five divisions with about 150 employees and oversaw the development and implementation of new products and new processes in cigarette design and manufacturing. Dr. Farone also coordinated joint ventures and contract research in new technology areas.

Fisher, Franklin Ph.D. (US Expert Witness): Dr. Franklin Fisher is Professor Emeritus of Economics at the Massachusetts Institute of Technology ("MIT"). Dr. Fisher received his A.B. from Harvard University, summa cum laude, in 1956. He also received his M.A. (1957) and Ph.D. (1960) in Economics from Harvard University. Dr. Fisher has held the following professional appointments:

- 2000-2004 Jane Berkowitz Carlton and Dennis William Carlton Professor of Economics, MIT
- 1965-2000 Professor of Economics, MIT
- 1962-1965 Associate Professor of Economics, MIT
- 1960-1962 Assistant Professor of Economics, MIT
- 1959-1960 Assistant Professor of Economics, University of Chicago
- 1957-1959 Junior Fellow of the Society of Fellows, Harvard University
- 1956-1957 Teaching Fellow, Harvard University

Dr. Fisher has widely published on the issues of industrial organization, microeconomics, and econometrics. He is the director of the National Bureau of Economic Research and the Chair of the Middle East Water Project, an international project on the economics of water in the Middle East. In June 2001, he received an Honorary Doctorate from The Hebrew University of Jerusalem. He is a fellow and past president of the Econometric Society and for nine years was the editor of that society's journal, Econometrica. He is a member of the American Economic Association, from which he received the John Bates Clark Award; a fellow of the American Academy of Arts and Sciences; and a recipient of a John Guggenheim Fellowship. Dr. Fisher has calculated the proceeds earned by the defendants in this case from the sale of cigarettes to youth and those who became addicted to smoking as youth.

Ford, Donald. (US Fact Witness): Dr. Ford worked as an assistant Research Director for Defendant Council for Tobacco Research ("CTR") for almost twenty years, from 1977 to 1996. Ford received his Bachelor's degree and Masters degree in biochemistry from Wesleyan

University. He later received his Ph.D. in anatomy from the University of Kansas in 1952. Ford went on to teach anatomy at the State University of New York (SUNY) Brooklyn Medical School from 1952 through 1977, joining CTR in July 1977 as an assistant Research Director. Ford is an expert on the central nervous system and proposed studies on the central nervous system. Ford has published approximately fifty journal articles on drug addiction. While at CTR, Ford monitored grants which dealt with the central nervous system and dealt with the selection of CTR grantees and Special Projects recipients. Ford also investigated proposed areas of research for CTR and attended CTR Scientific Advisory Board ("SAB") meetings.

Foyle, Andrew. (US Fact Witness): Mr. Foyle is a partner with the law firm of Lovell White Durrant (formerly Lovell White & King). From 1985 to 1994 he was external counsel to BATCo, working predominantly on discovery issues for BATCo. In this capacity he played a central role in the creation and execution of BATCo's fraudulent document retention policy. For example, Foyle carried out Project Discovery, which catalogued the degree of harm that documents at the Group Research & Development Center would do to BATCo, B&W, and other BAT Group companies if discovered in litigation. In addition, Foyle directed Australian BATCo subsidiary WD & HO Wills's (now known as BATAS) document management practices in response to a wave of litigation in the early 1990s. In this capacity, Foyle created the document now known as the "Foyle Memorandum."

Fulford, Ronald. (US Fact Witness): Mr. Fulford is retired from Vector, and was formerly the CEO of Vector. Bennett LeBow originally hired him at the Brooke Group when LeBow was engaged in his unsuccessful proxy fight to acquire control of R.J. Reynolds in 1996. When the proxy fight was unsuccessful, LeBow asked Fulford to take control of Liggett. His employment at Liggett/Vector:

- September 1996-2000: CEO, Liggett until the formation of Vector Tobacco
- 2000-2001: CEO of Vector Tobacco

Prior to coming to Liggett, Fulford was employed by Imperial Tobacco in the United Kingdom. Fulford is knowledgeable about the nature of Liggett's discounting of cigarettes and Liggett's economic condition. He has further knowledge about Liggett's reasons for entering into the settlement agreement with the states including Liggett's economic motive for the settlement. Fulford was CEO when Liggett changed its public position with respect to nicotine addiction as part of that settlement.

Gentry, Jeffrey. (US Fact Witness): Dr. Gentry is a chemist in the R&D Department at R.J. Reynolds Tobacco Co., working there continuously since receiving his doctorate in 1986. He has held the following positions with the company:

- Research & Development Chemist
- Senior Research & Development Chemist
- Senior Staff Research & Development Chemist
- Master Scientist
- Director of New Product Development

Dr. Gentry's work has been in the areas of cigarette design and performance, including development of the Winston Select/EW product in the early 1990s.

Gesell, Eric. (US Fact Witness): Mr. Gesell was the former Executive Vice President for American Tobacco Co. ("ATC"). He worked in marketing and sales at the company. During his career at ATC, Mr. Gesell served in the following positions:

- Executive Vice President, Chief Operating Officer (retired 1994)
- Senior Vice President
- Vice President, Marketing and Sales
- Vice President, Executive Sales
- Executive Sales Director, American Tobacco,
- Group Product Manager, American Tobacco, (mid 80's and 1987)
- Senior Product Manager
- Product Manager, American Tobacco Company, New Products (1980)
- Assistant Product Manager, American Cigar Company, (mid 70's, 74 or 75-07/01/1979)
- Division Assistant Manager, Sales Department, American Cigar Division, (1970)
- Clerk, Order/Service Department, American Tobacco Company (early 1960's)

Glenn, James. (US Fact Witness): Dr. Glenn graduated from the University of Rochester in 1950 with a general sciences degree. He then immediately went on to earn his medical degree at Duke University Medical School, graduating in 1952. Dr. Glenn received general surgery training at Peter Bent Brigham Hospital at Harvard University from 1952 to 1954. Dr. Glenn served as a flight surgeon in the military from 1954 to 1956. From 1956-1959, Dr. Glenn received additional training in urology at Duke University. From 1959-1961, Dr. Glenn was an assistant professor at Yale University and from 1961-1963 and he taught at Bowman Gray School of Medicine from 1961-1963. In 1963, Dr. Glenn became Professor and Chief of the Department of Urology at Duke University. He served in that position for eighteen years. Dr. Glenn then worked as Dean of Emory University Medical School from 1980-1983. From 1983-1987, Dr. Glenn was President of Mount Sinai Medical Center.

Finally, in 1987, Dr. Glenn became a Professor at the University of Kentucky and served as head of the Cancer Center at the University for three years before becoming Chief of Staff at

Kentucky University Hospital in 1993, Simultaneously, in 1987, Dr. Glenn joined the Scientific Advisory Board ("SAB) of CTR in 1987 and was a member until 1991. Dr. Glenn also served as CTR Scientific Director from 1987-1991 after briefly serving as Assistant Scientific Director in 1987. In 1991, Dr. Glenn then became Chairman of the Board of CTR. Dr. Glen continued his role as Chairman and later acted as President and CEO of CTR through CTR's dissolution process and until at least 2002. Dr. Glenn also continued his work at University of Kentucky Medical Center, commuting to CTR in New York on a weekly basis.

In his capacity of Scientific Director and SAB member, Dr. Glenn reviewed grant applications and evaluated grant applications for scientific merit. He also assisted professional staff and the SAB in selecting grantees, met regularly with CTR's scientific staff, attended SAB meetings, and worked on CTR budget issues.

Green, Charles. (US Fact Witness): Dr. Green is a chemist who currently does some scientific consulting from his home in North Carolina. Dr. Green was employed by R.J. Reynolds from February 1968 until his retirement in February 1998. Dr. Green spent the first twelve years of his career at R.J. Reynolds studying mainstream tobacco smoke composition. Then, he spent about four years using radioisotopes to study the fate of flavoring compounds used in tobacco smoke. Dr. Green's scientific focus at R.J. Reynolds shifted to Environmental Tobacco Smoke (ETS) in 1985 and for the next ten years, he led R.J. Reynolds's division that did ETS-related research. From 1995 until 1998, Dr. Green continued his ETS-related work as a principal scientist by following the scientific literature and representing R.J. Reynolds at various scientific and professional organizations.

Dr. Green was heavily involved in smoking and health issues for R.J. Reynolds, including the health effects of environmental tobacco smoke. As an R.J. Reynolds scientist with managerial responsibilities, Dr. Green worked closely with other companies as well as with industry attorneys. In addition, he was member of the Tobacco Institute ETS Advisory Group and a member of the Board of Center for Indoor Air Research ("CIAR") from its founding until he retired from R.J. Reynolds.

Gruber, Jonathan. (US Expert Witness): Dr. Jonathan Gruber is a Professor of Economics at the Massachusetts Institute of Technology ("MIT"). Dr. Gruber received his B.S. from MIT in Economics in 1987 and his Ph.D. in Economics from Harvard University in 1992. Dr. Gruber has held the following professional positions:

- 1997-Present Professor of Economics, MIT
- 1997-1998 Deputy Assistant Secretary for Economic Policy, U.S. Treasury Department
- 1995-1997 Castle Krob Associate Professor of Economics, MIT

- 1992-1995 Assistant Professor of Economics, MIT

Dr. Gruber is renown for his work in the fields of health economics and public economics. He is on the editorial boards of several peer reviewed economic journals including the Journal of Health Economics and the Journal of Public Economics. In 1995 Dr. Gruber received the American Public Health Association's Kenneth Arrow Award for the Outstanding Health Economics Paper of 1994 and was only one of 15 scientists nationwide to receive the National Science Foundation Presidential Faculty Fellowship in 1995. Dr. Gruber is the Director of the National Bureau of Economic Research's Program on Children. Dr. Gruber has calculated the Youth Addicted Population, that is the number of people who smoked as youth and those who became addicted to smoking as youth.

Gullota, Frank Ph.D. (US Fact Witness): Dr. Gullotta has worked as a scientist, in various positions, for Philip Morris for almost 30 years. He started his career with Philip Morris in 1977, soon after he received his Ph.D. in Experimental Psychology from the University of New Mexico.

- Research Professional (late 1970s to 1980s);
- Manager of Sensory Physiology, INBIFO (early to mid 1990s);
- Research Scientist, Worldwide Scientific Affairs (mid to late 1990s);
- Senior Research Scientist (late 1990s to present)

Dr. Gullotta was hired to work within the Behavioral Research Group, which was established by Philip Morris in the mid-1970s at a time when Philip Morris had decided to put more emphasis on its research facilities. Dr. Gullotta studied pattern reversal evoked potential, essentially conducting research of the effects of smoking on the brain, and found that smoking, and specifically nicotine, was correlated with an impact on the brain. Dr. Gullotta also studied the effects on the brain of smoking cigarettes in which nicotine was manipulated. Dr. Gullotta's research supported altered tar/nicotine ratios in cigarettes. The Behavioral Research Group was phased out in the 1980s. Dr. Gullotta was transferred to Germany to work with Philip Morris's Institute for Biological Research ("INBIFO") in the early 1990s. At INBIFO, Dr. Gullotta continued to do the same research he had been conducting in Richmond. While with Worldwide Scientific Affairs, one of Dr. Gullotta's responsibilities has been to act as liaison with outside counsel regarding matters in litigation.

Gulson, Frederick. (US Fact Witness): Mr. Gulson was Senior Counsel for WD & HO Wills (now BATAS) from 1989 to 1990. During Gulson's employment with Wills, Wills was preparing for expected product liability litigation. In order to keep documents out of litigation, BATCo directed Wills and Gulson to destroy, claim privilege over, or send offshore smoking and health documents that it believed could harm Wills, BATCo, Brown & Williamson and other

BAT Group companies if discovered in litigation.

Han, Vic. (US Fact Witness): Mr. Han is a long-time public relations spokesman and speech writer for Philip Morris, both at Philip Morris USA and at Philip Morris Management Corporation ("PMMC"). He was instrumental in supporting The Association for Sound Science Coalition ("TASSC") in October 1993, an organization funded by Philip Morris through intermediaries in which Philip Morris sought to silently influence the media with presentations by a coalition of scientists without publicizing its own financing role. According to the deposition of John Hoel, Mr. Han returned to Philip Morris in mid-2003. During his career at Philip Morris, Mr. Han served in the following positions:

- Vice President Corporate Affairs, Philip Morris Companies, Inc. (2001)
- Vice President Corporate Communications, Philip Morris Management Corp. (2000)
- Vice President, External Relations, Philip Morris Companies Inc. (12/13/1995-2000)
- Vice President Communications, Worldwide Regulatory Affairs, Philip Morris Companies (01/94-May 1995)
- Director, Communications, Worldwide Regulatory Affairs, Philip Morris USA Inc. (1991-01/1994)
- Director Communication, Philip Morris USA

Before beginning his career at Philip Morris, Mr. Han worked for Burson & Marsteller where he worked on Philip Morris issues.

Harris, Jeffrey M.D., Ph.D. (US Expert Witness): Dr. Harris is a tenured Professor of Economics at the Massachusetts Institute of Technology. He joined the MIT faculty in 1976 and completed his medical training in 1977. During the past twenty-five years, Dr. Harris has taught a number of undergraduate and graduate courses at MIT, including health economics, microeconomics, industrial organization, antitrust economics, mathematical economics, statistics, law and economics, and toxicology and public policy. Since 1977, Dr. Harris has continuously served as a primary-care physician on the medical staff of the Massachusetts General Hospital ("MGH"). Since 1974, when Dr. Harris began his internship at the MGH, he has had more than 10,000 individual encounters with patients, a great many of whom smoked cigarettes and had smoking-related diseases. Since 1979, Dr. Harris has been a contributing scientific editor, contributor, or senior reviewer to several Surgeon General's Reports. Since 1979, Dr. Harris has served as a consultant to a number of governmental agencies in connection with the health consequences and economic impact of cigarette smoking. Dr. Harris has given invited testimony concerning the health consequences of smoking, the economics of proposed tobacco-industry settlements, and the impact of proposed legislation before: the U.S. House

Ways and Means Committee; the Joint Committee on Health Care, Massachusetts Senate & House of Representatives; the Massachusetts Department of Public Health; the U.S. Senate Judiciary Committee; the U.S. Senate Agriculture Committee; the U.S. House Judiciary Committee; and the U.S. Senate Democratic Task Force on Tobacco. Additionally, Dr. Harris has served on invited panels of the National Academy of Sciences and on a Council of the National Institutes of Health..

Healton, Cheryl G. (US Fact Witness): Dr. Healton is currently the President and CEO of the American Legacy Foundation. The American Legacy Foundation is a non-profit organization, created as a result of the Master Settlement Agreement ("MSA") between a coalition of attorneys general and the tobacco industry, which works to reduce tobacco use among youth and to eliminate disparities in access to tobacco prevention and cessation services.

Dr. Healton has an extensive background in the area of public health. She has served on numerous national, state and local commissions and task forces for public health and policy issues on tobacco, HIV/AIDS, violence and alcoholism, and has published more than 80 articles, abstracts and reports on public health topics.

In addition, Dr. Healton has led projects for the Centers for Disease Control and Prevention ("CDC") to investigate the effects of marketing and counter-marketing on youth tobacco use, and developed a series of prevention partnerships linking public health researchers with New York state tobacco-health policy makers.

Dr. Healton is the former Head of the Department of Sociomedical Sciences and Associate Dean for the School of Public Health at Columbia University. Dr. Healton's work has been recognized by the United States Department of Health and Human Services, the American Lung Association and the New York Department of Health.

Dr. Healton holds a Doctorate with Distinction from Columbia University, School of Public Health and a Masters of Public Administration, Health Policy and Planning, from New York University.

Henningfield, Jack. (US Expert Witness): Dr. Henningfield received his B.A. in Psychology from the University of Minnesota in 1974 and his PhD. in Experimental Psychology in Psychopharmacology from the same school in 1977. He currently works as an Associate Professor of Behavioral Biology, Department of Psychiatry and Behavioral Sciences at the Johns Hopkins University School of Medicine in Baltimore, Maryland, a position he has held since 1989. He also works as a Vice President for Research and Health Policy at Pinney Associates, a consulting firm devoted to health and medical issues related to the development of treatment for medical disorders, including tobacco dependence. Dr. Henningfield is active in a number of

scientific professional organizations that address drug addiction, medication development and public health, including the American College of Neuropsychopharmacology, the American Psychological Association, the College on Problems of Drug Dependence, the International Study Group Investigating Drugs as Reinforcers, and the Society for Research on Nicotine and Tobacco.

Dr. Henningfield received his training as a specialist in drugs of abuse at the University of Minnesota during the 1970's. In 1978, Dr. Henningfield began working at the Johns Hopkins Medical School, where he helped to develop a human tobacco research program. In 1980, Dr. Henningfield was recruited by the Addiction Research Center of the National Institute on Drug Abuse ("NIDA") (part of the National Institutes of Health) to help develop a program of human research on tobacco and nicotine and conduct research involving other addictive and behaviorally active drugs, including cocaine, heroin, alcohol and amphetamines. Dr. Henningfield went on to serve as one of NIDA's lead scientists and advisors on issues pertaining to tobacco and nicotine and nicotine dependence medications development. In these roles, Dr. Henningfield assisted several NIDA directors in developing their testimony to Congress on tobacco-related topics, represented NIDA before Congress and several government agencies and helped to develop the Agency for Healthcare Research and Policy's Clinical Practice Guidelines on Smoking Cessation. Finally, from 1994 until 1996, Dr. Henningfield served as NIDA's chief scientific advisor to the Federal Drug Administration during the development and consideration of its Tobacco Rule. In this role, Dr. Henningfield reviewed and assisted in the development of responses to the tobacco industry's comments on the Rule. On August 31, 1996, Dr. Henningfield, then Chief of the Biology of Dependence and Abuse Potential Assessment, and Clinical Pharmacology Research branches at NIDA, retired and then joined Pinney Associates.

In his career, Dr. Henningfield has published approximately 300 scientific papers and review articles on the various aspects of drug abuse and addiction. More than half of these papers and articles address tobacco and nicotine-related topics. Dr. Henningfield has also contributed to several Surgeon General Reports, including serving as a Scientific Editor for the 1988 Report entitled *The Health Consequences of Smoking-Nicotine Addiction.* Dr. Henningfield has testified in numerous smoking and health cases, involving both individual smoker and class action cases**.**

Henry, Carol Ph.D. (US Fact Witness): Dr. Carol Henry received a Bachelor of Arts in Chemistry from the University of Minnesota in 1966. She then went on to receive a Ph.D. in Microbiology from the University of Pittsburgh in 1972. Dr. Henry received post-Ph.D. training in Microbiology at the Max Planck Institute in Germany and also received training in Biochemistry at Princeton University. She was then chosen to conduct research at the prestigious Sloan-Kettering Institute for Cancer Research in New York in 1974. It was at Sloan-Kettering that Dr. Henry first studied toxicology or how certain chemicals might cause cancer. Dr. Henry

is both a member of the American College of Toxicology and a Diplomate of the American Board of Toxicology.

In 1976, Dr. Henry joined Microbiological Associates ("MA") a private, for-profit entity located in Bethesda, Maryland, that received contracts to conduct scientific research from both governmental and private organizations. Upon joining MA, Dr. Henry became a project director assigned to an MA contract already in place from the Council for Tobacco Research ("CTR"). The CTR funded contract involved the study of benzo(a)pyrene as it affects the lungs. Specifically, the research concerned a large-scale mouse inhalation study. The contract was later cancelled by CTR and research stopped in the early 1980's.

Dr. Henry's current occupation (as of June 1997) is Director of Health and Environmental Sciences for the American Petroleum Institute. Prior to that, Dr. Henry was Associate Deputy Assistant Secretary for Science and Technology in the Office of Environmental Management in the Department of Energy for three years. In that capacity, Dr. Henry was responsible for overseeing the stabilization and sanitization of nuclear waste and contamination caused by former activities of the United States in making nuclear weapons.

Herter, Ulrich G.V. (US Fact Witness): Herter, Ulrich G.V. (US Fact Witness): Ulrich Herter held numerous positions within the British American Tobacco group of companies, ultimately rising to become Managing Director of British American Tobacco, Plc., the number two position throughout the entire BAT family of companies. The various positions held by Mr. Herter throughout his career included the following:

- 1984-1987 Marketing Director of BAT Cigaretten Fabriken, British American Tobacco's German subsidiary
- 1987-1992 Managing Director (the equivalent of CEO) of BAT Cigaretten Fabriken
- 1990-1992 Chairman of BATIG, the German Holding Company of BAT Cigaretten Fabriken
- 1990-1998 Member of Board of Directors of BAT Industries Plc.
- 1992-1996 Managing Director (Tobacco) of BAT Industries Plc.
- 1996-1998 Managing Director of British-American Tobacco Holdings
- 1996-2002 Chairman of BATCo
- 1998-2002 Managing Director of British American Tobacco, Plc.

Through his position as Managing Director of British American Tobacco, Plc. and as Chair of the BAT group's Tobacco Strategy Review Team (TSRT), Mr. Herter exerted substantial control over the operating companies including BATCo and Brown & Williamson. The operating companies were expected to follow the guidance from Herter unless there were

local laws prohibiting the recommended action. For instance, based on his instructions, the scientific functions within the entire BAT group of companies avoided basic biological research related to smoking and health throughout the 1990s and instead spent scientific funds almost exclusively on product development rather than basic science into disease causation. Mr. Herter was also the BAT group's representative to Confederation of European Community Cigarette Manufacturers ("CECCM") (the "association of European cigarette manufacturers"), a trade organization that represented the tobacco industry before the Commission of the European Union in Brussels.

Hoel, Donald K. (US Fact Witness): Mr. Hoel was an attorney at the long-time tobacco industry law firm of Shook, Hardy & Bacon from 1958 to his retirement from the practice of law in 1993. Beginning in the 1960s and continuing to his retirement, Mr. Hoel represented Defendant members of the tobacco industry in smoking and health litigation and tobacco regulation. Mr. Hoel was involved in the selection of scientists and other consultants for use by the industry in litigation and regulatory actions in the United States and around the world. He also participated, among a number of industry outside counsel, in locating and managing Council for Tobacco Research ("CTR") Special Project and Special Account 4 researchers. He was a member of the Tobacco Institute Committee of Counsel, in which role he was the head of the ETS Subcommittee, also known as TI ETS Advisory Group or the "Hoel Committee" from 1975 through 1988.

Hoel, John. (US Fact Witness): After a stint on the Hill, Mr. Hoel has worked for Philip Morris Management Corporation ("PMMC") on government affairs at the state and federal level. He presently works on issues affecting PM at the state governmental level. During his career at Philip Morris, Mr. Hoel served in the following positions:

- District Director, State Government Affairs, Philip Morris Management Corporation (09/01/2000-Present)
- Director, Federal Tobacco Issues, Washington Office, Philip Morris Management Corporation (05/01/1999-08/31/2000)
- Washington Representative (Tobacco), Washington Relations Office, Philip Morris Management Corporation (02/01/1996-04/30/1999)

Prior to joining Philip Morris, Mr. Hoel worked as a staffer to Congressman Gordon and to the House Rules Committee (09/90-01/95); (01/85-08/87).

Honeycutt, Hugh R. (US Fact Witness): Mr. Honeycutt is a scientist with Brown & Williamson ("B&W"). He currently holds the title of Director of Research Services and Analytical Research. During his time with Brown & Williamson has held the following

positions:

- B&W, Research Scientist, 1972-present
- B&W, Director of Applied Research, 1994-2000
- B&W, Director of Product Development & Leaf, 2001
- B&W, Director of Research Services and Analytical Research, 2002-present

Mr. Honeycutt has knowledge of B&W and BATCo's efforts and capabilities in the area of less hazardous cigarettes. As longtime scientist in the area of applied research and product development, Mr. Honeycutt is familiar with B&W's decisions not to pursue or apply certain products or innovations that may have reduced the health risks of smoking.

Horrigan, Edward. (US Fact Witness): Mr. Horrigan, who is retired, previously served as Chief Executive Officer of both R. J. Reynolds and Liggett. During his tenure as CEO of R. J. Reynolds, Mr. Horrigan oversaw virtually all operations of the company. Having previously worked on the international side of R. J. Reynolds, he is knowledgeable regarding R. J. Reynolds operations both domestically and abroad. Mr. Horrigan is additionally knowledgeable regarding joint industry public statements regarding smoking and health and industry knowledge relevant to those statements. Mr. Horrigan was instrumental in developing the concept of Joe Camel after observing a similarly successful campaign in France. He served on the Board of Directors for both Council for Tobacco Research ("CTR") and the Tobacco Institute ("TI"). In those position, he played an instrumental role in formulating public relations positions and strategies for the tobacco industry on scientific and other issues.

Some of Mr. Horrigan's significant previous positions are:

- 1978-1980 R. J. Reynolds International
- 1979-1980; 1983-1984 TI Executive Committee Member
- 1981-1982 TI Executive Committee Chairman
- 1981-1983 CTR Director and Executive Committee Member
- 1980-1989 Chairman and CEO of R. J. Reynolds Domestic

After leaving R. J. Reynolds, Mr. Horrigan served as Liggett's Chairman and CEO from 1993-94, where he oversaw all of the operations of Defendant Liggett Group Inc.

Houghton, Kenneth S. (US Fact Witness): Mr. Houghton is currently employed by Philip Morris USA as a Consultant, providing whatever support service Philip Morris USA requires, consisting primarily of testifying in litigation relating to Philip Morris. His previous employment with Philip Morris USA and Philip Morris International includes:

- Senior Vice President, Research and Development, Philip Morris USA (09/1992+)
- Vice President, Research and Development, Philip Morris USA (1986-01/1990)
- Director, Research and Development, Europe, Middle East, Africa, Philip Morris International (1983-1986)
- General Manager, Richmond Processing Plants, Philip Morris USA (1980- 1983)
- General Manager, Park 500, Philip Morris International (1977-1980)
- Manager, Technical Services, Park 500, Philip Morris International (1976-1977)
- Manager, Process Control & Quality Assurance, Park 500, Philip Morris International (1974-1976)
- General Manager, (The Lightfoot Co. Division), Philip Morris USA (1972-1974)
- Technical Director, (The Lightfoot Co. Division), Philip Morris USA (1970-1972)

Huber, Gary L. (US Fact Witness): Dr. Gary Huber carried out tobacco-industry funded research at Harvard University from 1972 – 1980 pursuant to a contract between Harvard and eight tobacco companies, including Defendants Philip Morris, R.J. Reynolds, Brown & Williamson, Lorillard, the American Tobacco Company, and Liggett. Dr. Huber's industry-funded tobacco research involved both human and animal experiments, generating significant data as to Chronic Obstructive Pulmonary Disease ("COPD") and other effects of tobacco smoke on the lung. Dr. Huber also studied the phenomenon of nicotine compensation, that is, differences in the way people smoked cigarettes depending on the nicotine delivery of the cigarettes smoked. While at Harvard, Dr. Huber's research was monitored by Shook, Hardy & Bacon attorneys David Hardy and (later, after Hardy's death in 1976), Lee Stanford, both of whom were Dr. Huber's designated liaison to the cigarette manufacturers who funded his work. When the industry elected to terminate their funding in 1980, Dr. Huber briefly worked at the University of Tennessee before moving to the University of Texas at Tyler. Several tobacco companies claim that Dr. Huber later worked as a "legal consultant" to the tobacco industry and certain tobacco law firms from 1986 into the 1990s.

Iauco, David N. (US Fact Witness): David N. Iauco began with Defendant R.J. Reynolds in 1975 as a marketing assistant, and rose to senior vice president of marketing. He served in the following positions at Defendant R.J. Reynolds:

- 6/75 Marketing Assistant (More Brand)
- 1/78 Brand Manager for specialty tobacco products
- 8/80 Brand Manager
- 4/82 Senior Brand Manager (Camel Brand)
- 7/84 Group Manager, New Brands
- 6/85 Marketing Director, Brand Marketing

- 7/85 Vice President of Brand Management
- 1988 Vice President of R.J. Reynolds Tobacco Development Corp.
- 7/89-5/02 Senior Vice President of Marketing

During his career with Defendant R.J. Reynolds, Mr. Iauco was involved in virtually all aspects of the company's marketing. He was instrumental in the development and marketing of Eclipse, an alleged smokeless cigarette, and the marketing of various other brands. While working with the brands, he was responsible for Labeling and Advertising Code and Master Settlement Agreement compliance. He was also responsible for the marketing, scientific affairs, and external relations of the Premier project, an alleged smokeless cigarette, whose failure he attributed to criticism from the public health community.

From approximately 1990 to 2000, Mr. Iauco was a member of Defendant R.J. Reynolds' Executive Committee, participating in discussions with upper-level management regarding policy, including marketing.

Mr. Iauco was employed by Defendant R.J. Reynolds as senior vice president of marketing relations when the United States deposed him in May 2002. Joint Defendants note in their May 5, 2004 Amended Trial Witness List that Mr. Iauco formerly held that position.

Ittermann, Patricia. (US Fact Witness): Ms. Ittermann, an R.J. Reynolds employee, is R.J. Reynolds's Media Director. She is an employee knowledgeable regarding R.J. Reynolds's marketing policies and practices, including its print advertisement placement policies in the periods before and after R.J. Reynolds's entry into the Master Settlement Agreement. She has been employed continuously by R.J. Reynolds since 1975, first as a stenographer, then an executive secretary, a Media Planner, a Manager of Media Planning, and finally, as Senior Manager, Media.

Ivey, Susan (formerly Susan Osborne through approximately 1994)**.** (US Fact Witness): Ms Ivey is the President and CEO of Reynolds American Inc., a new publicly traded holding company created to combine R.J. Reynolds Tobacco Co. and the Brown & Williamson Tobacco Corp. ("B&W"). Reynolds American Inc. was formed August 10, 2004. Ms. Ivey was formerly the CEO of B&W. Ms. Ivey has extensive knowledge regarding Brown & Williamson's positions and public statements concerning smoking and health issues, Brown & Williamson's marketing policies and practices, and Brown & Williamson's approach to the development of a less hazardous cigarette. She has worked at either Brown & Williamson or British American Tobacco since 1981. During her career at Brown & Williamson and at British American Tobacco, Ms. Ivey has served in the following positions:

- Sales Representative

- District Sales Manager
- Brand Manager for Capri Cigarettes
- Marketing Manager, British American Tobacco
- Manger of State Express 555, British American Tobacco Co.
- Head of Brands, British American Tobacco Company Chin**a**
- Head of International Brands, British American Tobacco
- Vice President of Marketing
- Senior Vice President of Marketing**.**

Jackson, Timothy. (US Fact Witness): Mr. Jackson is the Senior Vice President of Operations of Liggett Vector Brands. In this capacity, Mr. Jackson is responsible for overseeing the Operations, Finance, Legal, and Leaf divisions of the Company. His employment at Liggett:

- 1983-2000: Manager of Cost Accounting, Manager of Corporate Accounting, Director of Cost Accounting, Director of Cost Management and Inventory Control
- 2000-2001: Vice President for Operations, Vector Tobacco, Senior Vice President of Operations, Liggett Vector Brands

His current responsibilities include oversight over the manufacture of cigarettes, which includes purchasing both regular materials and leaf tobacco, product development, quality control, engineering and finance. As Senior Vice President for Operations, Jackson supervises product development, filters, and tobacco blends. Under his supervision, Vector Tobacco has been able to blend tobacco in order to reach certain levels of nicotine in cigarettes. Furthermore, Jackson is knowledgeable about Liggett's cigarette design methods that can be used to alter tar and nicotine levels.

Johnson, Craig. (US Fact Witness): Mr. Johnson began working for Philip Morris in 1991, after working extensively in sales at other companies. Mr. Johnson is currently the Senior Vice President of Sales for Philip Morris. His positions at Philip Morris include the following:

- Senior Vice President, Sales (1994-present)
- Vice President, Sales (1993-1994)
- Vice President, Trade Marketing (04/1991-1993)

His positions outside Philip Morris include the following:

- Frito Lay, Inc. (1986-1991)
- James Strode Commercial Real Estate (1984-1986)
- Proctor & Gamble (1974-1984)

During his time at Philip Morris, Craig Johnson has been involved in managing the sales force, and overseeing sales at the retail level, including implementing promotions for the marketing arm of PM and developing the Retail Masters program. He also had input into the Retail Leaders program, developed while Mr. Johnson was serving as Vice President of Sales.

Johnston, James. (US Fact Witness): Mr. Johnston is the former Chairman and Chief Executive Officer of R. J. Reynolds. Prior to joining working for R. J. Reynolds in the United States, Mr. Johnston was the President and CEO of R. J. Reynolds Tobacco International Asia Pacific. In 1981, he became the Executive Vice President of R. J. Reynolds, a position he held until 1984. In 1984, Mr. Johnston left R. J. Reynolds and worked at Citibank as a Division Executive until his return to R. J. Reynolds in 1989. In 1989 he became Chairman and CEO of R. J. Reynolds and held that position until 1996. In his capacity as Chairman and CEO, Mr. Johnston oversaw virtually all operations of R. J. Reynolds, including formulating public positions the company took on smoking and health issues. Mr. Johnston has testified in Congressional proceedings on behalf of the company, publicly stating the industry's public relations positions on smoking and health issues there and in other fora.

Jones, Steven T. (US Fact Witness): Mr. Jones is a retired Lorillard chemist who was involved in product development. As of 1997, he had been working for Lorillard for 28 years and had participated in the design of almost all the Lorillard cigarette brands, including Newport, Kent Golden Lights, Kent III, Triumph, Maverick, Style, Old Gold, and Max.

Juchatz, Wayne. (US Fact Witness): Mr. Juchatz is an attorney, formerly chief in-house counsel at R.J. Reynolds Tobacco Co. His relevant work history is as follows:

- 1981: Deputy Counsel
- 1984: Deputy Counsel & Assistant Secretary
- 1987: Senior Vice President & General Counsel for RJ Reynolds Tobacco Development Co.
- 1988-95: Senior Vice President, General Counsel & Secretary

Mr. Juchatz also served on the Tobacco Institute Committee of Counsel, serving as Chair in 1987 and 1989. Mr. Juchatz later served as Executive Vice President and General Counsel Textron Inc., retiring from that position in March 2000.

Judge, Curtis H. (US Fact Witness): Mr. Judge, now deceased, was employed by Lorillard as its chief executive from 1970 to 1985, serving as the company president from 1970 – 1983 and CEO from 1984 – 1985. He also sat on the Board of Directors of Loews, Lorillard's

parent company, from 1970 – 1985. Judge was a member of the Tobacco Institute Executive Committee from 1973 – 1985, where he spoke for the industry before Congress on several occasions as committee chairman in opposition to proposed federal legislation to add warnings to cigarettes and cigarette advertising. Finally, Judge was Lorillard's director at Council for Tobacco Research ("CTR") from 1981 – 1984. Judge was a law school graduate who started working in the tobacco industry in 1965 as a general sales manager for R. J. Reynolds. He became Reynolds' marketing vice president in 1968 but was fired by the company in1969 before he was hired as Lorillard president in 1970.

Keane, Denise. (US Fact Witness): Ms. Keane has been Senior Vice President and General Counsel for Philip Morris USA since January 2001. Prior to her current position, in her 23 years at Philip Morris, Ms. Keane has held the following positions:

- Senior Vice President and Associate General Counsel, Worldwide Regulatory Affairs, Altria Group Inc. (f/k/a Philip Morris Companies Inc.) (01/01/1998-12/31/2000);
- Senior Vice President & General Counsel, Philip Morris USA (05/01/1995-12/31/1997);
- Vice President and Deputy General Counsel, Philip Morris Management Corp. (6/28/94-4/30/95);
- Associate General Counsel (02/01/1993-06/27/1994);
- Senior Assistant General Counsel (08/24/1992-01/31/1993);
- Assistant General Counsel (10/21/1991-08/23/1992);
- Assistant General Counsel Trademark (1985-10/20/1991);
- Trademark Counsel (1981-1985);
- Philip Morris Legal (01/04/1977-1981)

Ms. Keane served as Philip Morris USA's representative to the Committee of Counsel in 1995-1996, and served on Defendants Council for Tobacco Research's ("CTR") Board of Directors from 1995 through at least April 1996. As Senior Vice President for Worldwide Regulatory Affairs for Altria, Ms. Keane was responsible for monitoring legislative and regulatory developments for Altria tobacco companies worldwide, and for ensuring consistency in Philip Morris's responses to such developments. At the appointment of Altria CEO Geoffrey Bible, Keane chaired two Strategic Issues Task Forces for Philip Morris – one that concerned worldwide coordination of Philip Morris's position on smoking and health and regulatory issues, and one charged with the development of a public corporate website for Philip Morris entities. As Philip Morris's General Counsel, Ms. Keane has played a central role in addressing issues related to the health effects and marketing of "light" cigarettes, and to the Master Settlement Agreement.

Kessler, David A., M.D. (US Fact Witness): Dr. Kessler is the Dean of the School of Medicine and the Vice Chancellor for Medical Affairs at the University of California, San Francisco. Prior to this appointment, Dr. Kessler served for six years as the Dean of the Yale University School of Medicine. Dr. Kessler, who served as Commissioner of the United States Food and Drug Administration (FDA) from November 1990 until March 1997, was appointed by President Bush and reappointed by President Clinton.

As Commissioner of the FDA, he acted to speed approval of new drugs and placed high priority on getting promising therapies for serious and life-threatening diseases to patients as quickly as possible. He introduced changes in the device approval process to make it more efficient and ensure that it meets high standards. Under his direction, the FDA announced a number of new programs, including: the regulation of the marketing and sale of tobacco products to children; nutrition labeling for food; user fees for drugs and biologics; preventive controls to improve food safety; measures to strengthen the nation's blood supply; and the MEDWatch program for reporting adverse events and product problems. He emphasized strong law enforcement and created an Office of Criminal Investigation within the agency. According to The New York Times (11/27/96), David Kessler "… revitalized a beleaguered agency that had become mired in bureaucratic disarray." The Los Angeles Times (11/27/96) praised him for "… restor[ing] the Food and Drug Administration to what it was meant to be--an aggressive advocate for the public's health." With his departure, "[t]he American people lost one of their most effective champions…" (New York Daily News, 11/28/96).

Dr. Kessler has a wide range of experience in research, clinical medicine, education, administration, and the law. He is a 1973 magna cum laude, Phi Beta Kappa graduate of Amherst College. He received his J.D. degree from The University of Chicago Law School, where he was a member of the Law Review, in 1978, and his M.D. degree from Harvard Medical School in 1979. He did his internship and residency in pediatrics at the Johns Hopkins Hospital. In 1986, he earned an Advanced Professional Certificate from the New York University Graduate School of Business Administration. From 1984 until his FDA appointment, he was the medical director of the Hospital of the Albert Einstein College of Medicine in the Bronx, New York, where he held teaching appointments in the Department of Pediatrics and in the Department of Epidemiology and Social Medicine. From 1986 until 1990, Dr. Kessler also taught food and drug law at the Columbia University School of Law in New York. He was a consultant to the United States Senate Labor and Human Resources Committee from 1981 until 1984.

Dr. Kessler's book, *A Question of Intent*, was published by PublicAffairs in January, 2001. The Boston Globe has called it "… an intensely compelling account … a gripping tale of intrigue and high-stakes morality …." In addition, Dr. Kessler has published numerous articles in The New England Journal of Medicine, JAMA, and other major medical journals. He serves on the board of various organizations including the Elizabeth Glaser Pediatric AIDS Foundation,

Doctors of the World, National Center for Addiction and Substance Abuse at Columbia University, and the Henry J. Kaiser Family Foundation. He is also a member of the White House Commission on Presidential Scholars. He is a member of the Institute of Medicine and the recipient of the 2001 National Academy of Sciences Public Welfare Medal. His many honors have included the American Cancer Society's Medal of Honor, the American Heart Association's National Public Affairs Special Recognition Award, the American Federation for AIDS Research Sheldon W. Andelson Public Policy Achievement Award, the American Academy of Pediatrics Excellence in Public Service Award, and the March of Dimes Franklin Delano Roosevelt Leadership Award.

Appointments:

- 1997-2003 Yale University School of Medicine, Dean Professor of Pediatrics, Internal Medicine, and Public Health
- 1990-1997 U.S. Food and Drug Administration, Commissioner
- 1984-1990 The Hospital of The Albert Einstein College of Medicine, Medical Director.
- 1986-1990 Colombia University, Julius Silver Program in Law, Science and Technology Lecturer on Law.
- 1982-1984 Montefiore Medical Center, Special Assistant to the President.
- 1981-1984 U.S. Senate Committee on Labor and Human Resources, Consultant to the Chairman.

Academic Appointments:

- 2003-present University of California, San Francisco, Professor of Pediatrics, Professor of Epidemiology and Biostatistics
- 1997-2003 Yale University, Professor of Pediatrics, Professor of Internal Medicine, Professor of Public Health
- 1990-1997 Albert Einstein College of Medicine, Department of Pediatrics, Associate Professor of Pediatrics; Department of Epidemiology and Social Medicine, Associate Professor of Epidemiology and Social Medicine
- 1988-1990 Albert Einstein College of Medicine, Department of Epidemiology and Social Medicine, Assistant Professor
- 1986-1990 Columbia University School of Law, Julius Silver Program in Law, Science and Technology, Lecturer on Law
- 1982-1990 Albert Einstein College of Medicine, Department of Pediatrics, Assistant Professor

Kinnard, Alison Kay (formerly Kay Comer) (US Fact Witness): Ms. Kinnard is the current Group Records manager for BATCo. Ms. Kinnard has extensive involvement in BATCo's document management policies and practices. She has worked at British American Tobacco since 1970. She is also knowledgeable with respect to BATCo's participation in international organizations such as International Tobacco Information Center/Centre International d'Informatin Du Tabac ("INFOTAB"); scientific research pursued by BATCo, including research on smoking habits; and BATCo's public statements on smoking and health issues. While at British American Tobacco, Ms. Kinnard has served in the following positions:

- Laboratory Assistant
- Research Scientist
- Public Affairs Executive
- Compliance Manager, Legal Department

Kornegay, Horace. (US Fact Witness): Mr. Kornegay served as "Counsel" at the firm of Adams, Kleemeier, Hanga, Hannah & Fouts in Greensboro, North Carolina until at least 1998. He originally joined the firm in 1987 following his tenure with the Tobacco Institute ("TI"). Mr. Kornegay worked for TI beginning in 1969. From 1969-1970, Kornegay was Vice President of TI, subsequently becoming TI President later in 1970. He held the position of TI President until 1981, when Mr. Kornegay assumed the role of TI Chairman of the Board of Directors. While President, Kornegay was responsible for the overall administration of TI, including chief responsibility for hiring and firing TI employees. Later, as Chairman of the TI Board, Kornegay did more public speaking on behalf of TI and worked more closely with TI tobacco company members on issues being handled by TI. He remained in that position through 1986 and worked as a Consultant to TI for one year before entering private law practice. Prior to his tenure at TI, Mr. Kornegay was a United States Representative representing North Carolina. He also served as a local Assistant District Attorney for three years and, later, as the District Attorney for six years, again in North Carolina. Mr. Kornegay also served in the infantry during World War II.

Kotin, Paul. (US Fact Witness): Dr. Kotin graduated from University of Illinois Medical School in 1939. He became board certified by the American Board of Pathology as a Diplomate in1953. After serving in the U.S. Army Medical Corps for a brief time, Dr. Kotin became a research pathologist in Los Angeles and subsequently taught pathology at the University of Southern California Medical School. In the mid 1960's, Dr. Kotin worked as the Scientific Director for Etiology at the National Cancer Institute. In the late 1960's, Dr. Kotin was the founding director of the National Institute of Environmental and Health Science at the National Institute of Health ("NIH"), where he helped provided a scientific base for all U.S. regulatory agencies. Dr. Kotin later joined the Johns-Manville Corporation in the 1970's. Dr. Kotin retired from the Johns-Manville Corporation in 1981 after serving as Senior Vice President

for Health, Safety, and the Environment for six years.

Simultaneous with his work as a professor and Scientific Director at the National Cancer Institute, Dr. Kotin served as a member of Council for Tobacco Research ("CTR") Scientific Advisory Board ("SAB") from 1954 to 1965. In that capacity, Dr. Kotin reviewed CTR grant applications for scientific merit and made recommendations to CTR on whether or not to fund scientific research. In 1965, Dr. Kotin resigned from the SAB.

Krugman, Dean M., Ph.D. (US Expert Witness): Dr. Krugman, Professor and Head of the Department of Advertising and Public Relations at the University of Georgia.. Over his distinguished career, Dr. Krugman has held positions including:

- 1975-1978: Assistant Professor of Marketing, Illinois State University
- 1979-1983: Associate Professor, Michigan State University
- 1983-1996: Professor, University of Georgia
- 1996 to present: Department Head, Department of Advertising and Public Relations, College of Journalism and Mass Communication, University of Georgia.

Dr. Krugman has published over thirty scholarly, peer-reviewed articles in the area of marketing and mass communications and is the author of a book entitled Advertising: Its Role In Modern Marketing. Dr. Krugman has published articles on tobacco marketing, including an article entitled "Teenage Exposure to Cigarette Advertising in Popular Consumer Magazines" published in 2000. Dr. Krugman has served as a reviewer for numerous scholarly journals, including the Journal of Broadcasting & Electronic Media and the Journal of Marketing Research, and is currently a Member of the Editorial Board of the Journal of Advertising. Dr. Krugman has served as a consultant on marketing and mass communication to numerous companies, including Caterpillar Inc. and Texas Instrument.

Leary, Edmund "Ned". (US Fact Witness): Mr. Leary, an R.J. Reynolds employee, is R.J. Reynolds's Senior Vice President of Marketing and President of Sports Marketing. He has been employed continuously by R.J. Reynolds since 1984, starting as a marketing assistant on the Camel brand after receiving his MBA. He continued in positions as assistant manager on Salem brand; Manager of New Brands; Senior Manager of the Camel brand; Senior Manager in charge of Equity for Camel and Winston; and Director of the Winston brand.

LeBow, Bennett. (US Fact Witness): Mr. LeBow is now the Chairman of the Board and Chief Executive Officer of Vector Group and VGR Holding. Mr. LeBow has been affiliated with the Company since he purchased Liggett in 1986. Mr. LeBow also serves as President and Chief Executive Officer of Vector Tobacco Inc., and as Chairman of the Board. As CEO, LeBow was

involved in virtually all aspects of Liggett's business including the creation of Vector Tobacco. In March 1996, under LeBow's control, the Liggett Group became the first tobacco company to settle smoking-related litigation and admitted that smoking is addictive and causes cancer and other health ailments. In the course of that settlement LeBow became aware of the industry's efforts to market cigarettes to youth, despite the industry's denial of that fact.

LeVan, Suzanne. (US Fact Witness): Ms. LeVan joined Philip Morris in 1991. Since 2001, she has served as the Vice President of the Marlboro brand group, and is the person most responsible for all aspects of the marketing of Marlboro. During her career at Philip Morris, Suzanne LeVan has served in the following positions:

- 2001-present: Vice President, Marlboro
- 1991-2001: Vice President, Premium Brands

Her positions outside of Philip Morris include the following:

- 1978-1991: Proctor & Gamble (marketing and sales)

As a marketing Vice President, Ms. LeVan is responsible for overseeing a number of marketing activities, including advertising campaigns and promotional programs.

Levy, Carolyn. (US Fact Witness): Ms. Levy worked for Philip Morris for approximately 27 years before resigning from the company on April 15, 2002. Ms. Levy began at Philip Morris as a research scientist, and ended her career at Philip Morris as the Senior Vice President for Youth Smoking Prevention ("YSP"). During her time as an employee of Philip Morris, Carolyn Levy served in the following positions:

- 1998-2002: Senior Vice President, Youth Smoking Prevention
- 1994-1998: Senior Vice President, Marketing and Sales Information
- 1993-1994: Vice President, Planning
- 1991-1993: Director, Planning
- 1989-1991: Director, Consumer Research
- 1986-1989: Assistant Director, Consumer Research
- 1984-1986: Manager, Project Evaluation, Research and Development
- 1981-1984: Manager, Commercial Development
- 1980-1981: Senior Research Scientist
- 1975-1980: Research Scientist

For the majority of her career at Philip Morris, Carolyn Levy was involved in scientific and consumer research supporting Philip Morris's marketing department. In April, 1998, Ms.

Levy was appointed as Senior Vice President of Philip Morris's Youth Smoking Prevention Department, despite having no specific background in youth smoking prevention. As the Senior Vice President in this department, Ms. Levy was in charge of developing Philip Morris's YSP programs.

Lilly, Clifton, Ph.D. (US Fact Witness): Dr. Lilly has worked for Philip Morris for nearly 40 years. Beginning as a research scientist, Lilly has had a successful career at Philip Morris, moving up to the position of Vice President of Technology. Some of the positions Dr. Lilly has held include:

- Research Scientist (mid 1960s to early 1970s);
- Professional Associate (mid 1970s to early 1980s);
- Principal Scientist (early to mid 1980s);
- Research Fellow, Technology Assessment (mid 1980s to mid 1990s);
- Vice President of Technology (1996 to the present)

Over the years, Dr. Lilly has worked on issues in research and development including cigarette design, nicotine's role in smoking and addiction, environmental tobacco smoke and reduced-harm cigarettes. In his current position as Vice President of Technology, Dr. Lilly keeps abreast of new technologies being designed and studied in outside laboratories regarding reducing the harm of smoking and works to bring that information and similar research to Philip Morris.

Lindsley, Victor D. III. (US Fact Witness): Mr. Lindsley has been Senior Group Brand Director for Lorillard since 2001. Lindsley reports to George Telford, Vice President of Brand Marketing. Lindsley joined Lorillard in1981 as an out-of-home field representative who bought billboard advertising for the company, and later served as Assistant Brand Manager for the Newport brand, Associate Brand Manager for Newport, Brand Manager for Newport, Brand Manager for Kent, True, and Harley Davidson, Senior Brand Manager for Kent, True, Harley Davidson, and Style, and Group Brand Director.

Lisanti, Vincent. (US Fact Witness): Dr. Vincent Lisanti worked for Defendant the Council for Tobacco Research ("CTR") for thirty years, beginning as a part time consultant and later becoming a full time employee. During those years he held the following positions:

- 1964-1975 Part-time consultant to CTR
- 1975-1994 Associate Research Director of CTR

Dr. Lisanti graduated from the University of Rochester in 1936 and Tufts University, School of Dental Medicine, in 1942. Afer receiving his education, Lisanti served in the military, acting as a sanitary engineer and dentist until 1946. He then moved to Clyde, New York, where

he practiced dentistry for two years. He later received a fellowship from National Institute of Health ("NIH") and conducted research in histopathology, biochemistry and microbiology. From 1950 to 1962, Lisanti was a research associate, as well as an assistant professor of pediatric dentistry, at Tufts University. In 1962, Lisanti established his own research institute, known as the Institute of Stomatological Research.

In 1964, Lisanti became a part-time consultant to CTR. As a consultant, Lisanti monitored a number of CTR's grants and contracts. In 1975, Lisanti became a full-time employee of CTR, assuming the role of Associate Research Director. He worked full time at CTR until his retirement in 1994. As the Associate Research Director, Lisanti monitored grants, prepared grant applications, assigned grant applications to CTR Scientific Advisory Board ("SAB") subcommittees, and visited grantees at their research facilities. More specifically, Lisanti monitored the CTR grant to Microbiological Associates, Inc. and was the CTR Liaison to Dr. Homburger from 1966-1970.

Little, Clarence Cook ("Pete") D.Sc. (US Fact Witness): Dr. Little became the first Scientific Director of the Tobacco Industry Research Committee ("TIRC") in June 1954 and continued as Scientific Director until his death in December 1971. His employment and academic positions included:

- 1913-1917 Research Fellow in Genetics, Harvard College
- 1917-1918 Officer, U.S. Army, World War I
- 1919-1921 Research Associate, Harvard Medical School
- 1921-1922 Assistant Director, Station for Experimental Evolution, Carnegie Institution, Cold Spring Harbor, New York
- 1922-1925 President of University of Maine
- 1925-1929 President of University of Michigan
- 1929-1945 Managing Director, American Society for the Control of Cancer
- 1929-1956 Founder and Director, Roscoe B. Jackson Memorial Laboratory, Bar Harbor, Maine
- 1954-1971 TIRC/CTR Scientific Director (TIRC was renamed the Council for Tobacco Research ("CTR") in 1964)
- 1954-1971 member TIRC/CTR Scientific Advisory Board ("SAB")
- 1954-1957 Chairman, TIRC SAB
- 1956-1971 Director Emeritus, Roscoe B. Jackson Memorial Laboratory

Dr. Little came to TIRC as, in his own words, an ultraconservative about cause and effect relationship. During his tenure with TIRC and CTR, Little made numerous public statements to the effect that neither epidemiological studies nor statistical work had provided any proof that smoking caused disease. He repeatedly centered attention on the so-called constitutional

hypothesis; on other factors such as air pollution, heredity, diet, mental type, and viruses; and on the need for more research. Little believed that, rather than funding direct research on the constituents of cigarettes or tobacco smoke and disease, TIRC/CTR should fund basic research into disease mechanisms and into alternative theories of the origins of cancer, focusing on genetic factors and environmental risks. Under Little's leadership, TIRC/CTR never wavered from maintaining the open question controversy – that the cause of lung cancer was unsolved, unknown, complicated by confounding factors, and needed further study.

Long, Gerald. (US Fact Witness): Mr. Long is a former President and CEO of R.J. Reynolds Tobacco Co. His relevant work history is as follows:

- 1986: Brand Director at R.J. Reynolds Foods
- 1972: Vice President of Marketing & Sales for R.J. Reynolds Foods
- 1975: Vice President of Marketing & Sales for R.J. Reynolds Tobacco International
- 1979: Executive Vice President of Marketing & Sales for R.J. Reynolds Tobacco Co
- 1981: President, R.J. Reynolds Tobacco Co.
- 1984-89: Chairman, R.J. Reynolds Tobacco Co.

Mr. Long also served on the Board of the Tobacco Institute.

Lund, Nancy Brennan (formerly Nancy Brennan) (US Fact Witness): Ms. Lund has been employed at Philip Morris for almost twenty years, rising from a Brand Manager in the Marketing Department in 1985 to Senior Vice President of Marketing at Philip Morris from 1999 to the present. During her career at Philip Morris, Nancy Brennan Lund has served in the following positions:

- 1985-1986: Brand Manager, Merit
- 1986-1988: Brand Manager, Marlboro
- 1988-1992: Group Director, Marlboro
- 1992-1995: Vice President, Brand Management, Marlboro
- 1995-1999: Group Vice President, Marlboro and New Products
- 1999-present: Senior Vice President, Marketing

As Senior Vice President of Marketing at Philip Morris, Nancy Lund is involved with every aspect of Philip Morris's marketing of its cigarette brands. For brands including Marlboro, Virginia Slims, Parliament, and Merit, Nancy Lund oversees all of Philip Morris's marketing planning, marketing research, and implementation of marketing efforts. As a Senior Vice President, Nancy Lund also is a member of Philip Morris's Senior Team, a group including the

CEO and the eleven Senior Vice Presidents who meet weekly and who together are responsible for the day-to-day business operations and planning for Philip Morris USA.

Mahan, Michael. (US Fact Witness): Mr. Mahan has been the Vice President of Marketing and Sales for the Asia-Pacific Region of Philip Morris International since 2001. Mahan joined Philip Morris in 1977 as a sales representative and has held positions as Assistant Division Manager, Area Manager of Chain Sales, Division Manager, Administrator of Program Development - a position in the sales training department, Manager of Sales Planning, Manager of Supermarket Programs, Group Manager of Pack Outlets, Brand Manager, Director of Strategic Planning and Budget Control of Discount Brands, Category Director of Discount Brands, Vice President of Marketing Services, Vice President of Marketing Services, Vice President of Marlboro Promotions, and Vice President of Marlboro.

McAllister, Harmon. (US Fact Witness): Dr. McAllister began working for Defendant The Council for Tobacco Research ("CTR") in 1983 as Associate Research Director and is one of three employees who remain on CTR's payroll. His employment and academic positions have included:

- 1963-1965 Postdoctoral Fellow in Department of Biochemistry, University of Michigan Medical School, Ann Arbor, Michigan
- 1965-1967 Postdoctoral Fellow in Department of Cell Biology, University of Kentucky Medical School, Lexington, Kentucky
- 1967-1973 Assistant Professor of Chemistry, Wayne State University, Detroit, Michigan
- 1973-1976 Coordinator of Curriculum Studies and Research Associate, Office of Academic Programs and Planning, Wayne State University
- 1976-1983 Director, Office for Institutional Research, Wayne State University
- 1983-1986 Council for Tobacco Research Associate Research Director
- 1986-1991 CTR Research Director
- 1991-1998 member of CTR's Scientific Advisory Board ("SAB")
- 1991-1999 CTR Scientific Director
- 1992-1998 CTR Vice President of Research
- 1998-present CTR Vice President

Dr. McAllister has been involved in virtually all aspects of CTR's operation, management, and administration during the 1980s and 1990s. He has been, and continues to be, offered as CTR's 30(b)(6) witness in smoking and health lawsuits, and therefore testifies on an unlimited number of topics, including but not limited to the grant-in-aid program administered by CTR; research contracts administered by CTR, including Special Staff Services; CTR Special Projects; CTR's Literature Retrieval Division; CTR's Scientific Advisory Board; CTR's

dissolution; CTR employees, assets, property, and documents; routine business practices of CTR regarding correspondence and mail delivery; and public statements made by CTR and whether those public statements were disseminated by mail or wire.

Mele, Paul. (US Fact Witness): Dr. Mele, a Ph.D. of experimental psychology, is currently a biomedical researcher at Walter Reed Army Institute of Research, where he has been since February 1995. Dr. Mele was a Scientist in the Behavioral Pharmacology Laboratory at Philip Morris from November 1981-December 1984. Along with his lab partner Victor DeNoble, Dr. Mele conducted research on nicotine and its analogues (chemical variants), including research on nicotine's role as a behavioral reinforcer in rats. In December 1984, he and DeNoble were fired by Philip Morris. Employment other than his Philip Morris position has included the following:

- Biomedical Researcher, Walter Reed Army Institute of Research (1995-present)
- Project Manager, Complex Task Performance Project, Behavioral Sciences Dept., Armed Forces Radiobiology Research Institute. (1990-1994);
- Research Psychologist, Behavioral Sciences Dept., Armed Forces Radiobiology Research Institute, Bethesda, MD (1985-1989);
- Professor, Department of Psychology, Virginia Commonwealth University
- Post-Doctoral Trainee, Environmental Toxicology Center, University of Wisconsin (1979-1981) (prior to Philip Morris employment.

Merlo, Ellen. (US Fact Witness): Ms. Merlo is a retired Philip Morris corporate affairs executive and public relations professional. Her career with PM USA spanned over thirty years, during which she held the following positions:

- Senior Vice President, Corporate Affairs, 09/29/01–3/03
- Supervisor, Corporate Affairs, 08/01/95-09/28/01
- Supervisor, Strategy & Communications, 05/01/95-07/31/95
- Supervisor, Corporate Affairs, 03/01/95-04/30/95
- Vice President, Corporate Affairs, 09/01/92-02/28/95
- Vice President, Marketing Services, 04/01/88-08/31/92
- Group Director, Marketing Promotions, 04/01/86-03/31/88
- Group Director, Brand Management, 01/01/84-03/31/86
- Director of Marketing Communications, 09/01/82-12/31/83
- Director, Merchandising Materials, 07/01/79-08/31/82
- Brand Manager, 11/01/73-06/30/79
- Assistant Brand Manager, Virginia Slims, 05/01/72-10/31/73
- Publicity Coordinator, 12/01/70-04/30/72
- Public Relations, Special Projects, 09/01/70-11/30/70

- Manager, Public Relations, 11/31/69-08/31/70

For many years, Ms. Merlo was a spokesperson for Philip Morris. As Senior Vice President, she was the senior spokesperson for Philip Morris and was one of eight people who reported directly to the president of Philip Morris USA. Toward the end of her tenure at Philip Morris, she was making about $500,000 a year, excluding stock options. In addition, Ms. Merlo received periodic long-term compensation from the company. She retired from Philip Morris in March 2003 and receives a pension from the company, in addition to compensation for consultant services that she provides the company.

Since 1969, Ms. Merlo has been heavily involved in the sales, marketing, and promotion of cigarettes to the public. Her work has included the following: marketing of "light" and "low tar" cigarettes; youth marketing issues; company and industry public statements, positions, and promotional activities regarding smoking and health issues, including the health effects of active and passive smoking, nicotine, addiction, youth smoking and marketing; development and marketing of potentially less hazardous products; and the regulation of tobacco products.

Merryman, Walker. (US Fact Witness): Mr. Merryman worked in public relations for Defendant the Tobacco Institute from 1976-1998. During his career at the Tobacco Institute, Merryman served in the following positions:

- 1976-1980 Assistant to the President of the Tobacco Institute
- 1980-1982 Director of Communications
- 1982-1998 Vice President and Director of Communications.

In his various roles at TI, Mr. Merryman responded to inquires from members of the media about issues affecting the tobacco industry and gave speeches on behalf of the Tobacco Institute. Merryman also served as the self-proclaimed "Dean" of the Tobacco Institute College of Tobacco Knowledge when he trained TI staff and member company personnel about public relations and how to respond to smoking and health controversy questions. Merryman frequently publicly debated the issue of cancer causation (particularly lung cancer) and other questions related to smoking and health on behalf of the Tobacco Institute. Finally, as a spokesman for the Tobacco Institute, Merryman appeared on radio and television programs to discuss the issue of smoking and health in virtually every state in the United States.

Mr. Merryman graduated from Emerson College in Boston, MA in 1971. Between 1971 and 1976, Merryman worked as the news director for a cable television system, an anchorman for an NBC affiliate in Sioux City, Iowa, and the news director for the Nebraska Television Network. In 1976, he was hired by the Tobacco Institute and continued to work there until its dissolution.

Meyer, Lawrence. (US Fact Witness): Mr. Meyer worked as outside counsel to Defendant Liggett from 1974 to 1986, and also participated on the Tobacco Institute's Committee of Counsel, a group of tobacco industry lawyers who planned legal strategies for the companies. While representing Liggett during its XA research, a representative from Brown & Williamson told Mr. Meyer that Liggett's very existence would be threatened if it marketed the XA cigarette. This threat was based on Brown & Williamson's fear that selling the XA would be an admission against the interest of all Cigarette Company Defendants. At the behest of Liggett's in-house counsel, Mr. Meyer circulated an opinion memorandum to all Liggett executives advising against mentioning outside the company the threats it received about XA because the pressure from Defendants could be viewed as unlawful. Mr. Meyer is, therefore, very knowledgeable about Liggett's research policy and the fact that product liability concerns and pressure from other Defendants drove the nature of Liggett's research.

Mikulay, Robert. (US Fact Witness): Mr. Mikulay is the former Senior Vice President of Marketing for Philip Morris. Mikulay held that title from 1994 until 1999 when he left Philip Morris and became the Senior Vice President of Marketing for Miller Brewing Company. Since joining Philip Morris in 1975 as a Management Development Administrator, he has also held positions as a labor relations representative, a human resources representative, Manager of Employee Relations, Assistant Director of Employee Relations, Director of Management and Organization Development, Executive Assistant to the Executive Vice President of Marketing and Sales, Director of Sales Planning, and Brand Director of Discount Brands.

Milstein, Ronald. (US Fact Witness): Mr. Milstein is Vice-President and General Counsel for Lorillard Tobacco Company, a position he has held since September 28, 1998. Prior to that time, he worked as Senior Associate General Counsel (1997-1998) and Associate General Counsel (1996-1997) for Lorillard. In his role as counsel for Lorillard, Mr. Milstein was involved in the dissolution of the Center for Indoor Air Research ("CIAR") and the tobacco industry's effort to identify a successor organization to CIAR. He was in charge of Lorillard's youth smoking prevention program from at least April 1998 until September 2000; and was further tasked in that time period with implementing corporate principles directed to issues such as youth marketing and public positions on the health effects of cigarette smoking.

Mold, James. (US Fact Witness): Dr. Mold is retired. He received his Ph.D. in organic chemistry in 1944 from Northwestern University. His employment at Liggett:

- 1954: Chief of Organic Chemical Research
- 1964-1979: Assistant Director of Research
- 1979-1984: Consultant to Liggett

Prior to joining Liggett, Dr. Mold was employed by the Army Chemical Corps and Parke-Davis. During his employment at Liggett, part of Dr. Mold's responsibilities included engaging in basic research in an effort to develop a "safer" cigarette. Dr. Mold was involved the XA project which featured the use of a palladium catalyst in an attempt to produce a "safer" cigarette. Dr. Mold supervised research and worked closely with Liggett contractor Arthur D. Little Laboratories in Cambridge, MA, and Dr. Charles Kensler. During his tenure, Dr. Mold was also involved in the disclosure of research materials to the Surgeon General in 1964, although those research materials were still shielded from public disclosure because public disclosure might adversely affect Liggett's public position on smoking and health. He is also familiar with the Liggett's use of lawyers to control the dissemination of research, and that eventually the XA research was funneled through their lawyers. Dr. Mold maintained a consultant relationship with Liggett after 1979 and was involved in attempts to market the XA technology overseas.

Moran, Brennan. See Dawson, Brennan. (US Fact Witness).

Morgan, James. (US Fact Witness): Mr. Morgan, who retired from Philip Morris in 1997, had been with the company for nearly 35 years. During his career at Philip Morris, Mr. Morgan served in the following positions:

- Private marketing consultant, 1997-present
- President & CEO, Philip Morris USA, 1994-1997
- Senior Vice President of Marketing, Philip Morris USA, 1993-1994
- Corporate Planning, Kraft General Foods, 1991-1993
- Senior Vice President of Marketing, Kraft General Foods, 1990-1991
- Vice President of Marketing and Planning, Philip Morris Corp., 1988-1990
- Chairman of Atari, 1983-1984 (not affiliated with Philip Morris)
- Executive Vice President of Marketing & Sales, Philip Morris Inc., 1978-1983
- Assist. Director & Director of Brand Management; Director of Marketing, 1972-1978
- Brand Manager of Marlboro, 1969-1972
- Assistant Brand Manager & Brand Manager, Parliament; Brand Manager of Virginia Slims, 1967-1969
- Retail Salesman, 1965-1966
- Marketing Trainee, 1963-1965

During his employment with Philip Morris, Mr. Morgan was involved in virtually all aspects of the company's business and as CEO, essentially oversaw Philip Morris's operations. Mr. Morgan also participated in coordinated tobacco industry activity, representing Philip Morris

on the Tobacco Institute's Communications Committee for approximately four years (1979-1983) and later as a Board Member from 1994-1997. Mr. Morgan also served as a Board Member of CTR from 1994-1997.

Mosberg, Arnold. (US Fact Witness): Dr. Mosberg is a toxicologist in the R&D Department at R.J. Reynolds Tobacco Co., currently serving as the Vice President of Regulatory Toxicology. His work history at Reynolds is as follows:

- 1985: Senior Staff Scientist (inhalation toxicology)
- 1988: Master Scientist
- 1990: Manager of Animal Biology
- 1992: Manager of Toxicology
- 1994: Senior Manager of Toxicology
- 1996: Director of Toxicology and Product Assessment
- 2000: Vice President of Toxicology and Product Assessment
- 2001-present: Vice President of Regulatory Toxicology

In his current position, Dr. Mosberg oversees biological research into Reynolds's products, with four groups reporting to him: (a) inhalation toxicology and animal biology; (b) industrial and environmental toxicology; (c) scientific and regulatory affairs; and (d) product stewardship and toxicology assessment. In testifying about Reynolds's process of testing new products for degree of risk, Mosberg admits that the company refuses to assess the risks arising from the Environmental Tobacco Smoke of its products. And from his expertise in animal biology, he also admits that from this perspective, "light" cigarettes present the same risk as full flavor cigarettes.

Neumann, Calvin. (US Fact Witness): Mr. Neumann worked as a scientist in the R.J. Reynolds Research & Development Department from 1966 until his retirement in 1989. He began performing tobacco-related research in 1968. In the 1970's and 1980's, Mr. Neumann performed a great deal of research in the area of nicotine satisfaction, with the motivation behind this research being the development of information regarding nicotine that could then be applied to the R.J. Reynolds cigarettes. As part of his nicotine satisfaction research, Mr. Neumann attempted to determine the optimum tar to nicotine ratio for the cigarettes. In addition, Mr. Neumann was able to conclude from his research that smokers primarily desire a nicotine surge in each puff for smoking satisfaction, thus validating the existence of smoker's compensation with lowered nicotine cigarettes.

More importantly, through the research of Mr. Neumann and other R.J. Reynolds scientists, R.J. Reynolds was able to confirm the addictiveness of nicotine, determine the optimum level of nicotine for smokers and then manipulate the nicotine content of its cigarettes

to achieve this optimum level and increase sales as a result. Contrary to Defendants' assertions, this was one of R.J. Reynolds' most important research goals in the 1970's and 1980's. Mr. Neumann's testimony will be provided during the addiction section of the United States' case**.**

Newton, Claudia "Corky". (US Fact Witness):

- MSA Section III (l) designee, April 12, 1999 to January 2, 2001, retired after 31 years at B&W
- Brown & Williamson ("B&W") Vice President Corporate Responsibility and Youth Smoking Prevention (1st person to hold position), November 1997 to January 2, 2001 (retired)
- SECONDMENT TO BATCo: Director, International Training Programs for Senior Managers world-wide, mid-1996 to November 1997
- B&W Human Resources Department, Organizational Development and Corporate Training, 1993-mid 1996
- B&W Director of Information Technology, 1990-1993
- B&W Director of Marketing Research, mid to late1980's

"Corky" Newton is expected to testify by deposition designation concerning 1) Brown & Williamson's corporate conduct, positions, and public statements on smoking and health including the health effects of smoking, nicotine addiction, marketing to young people, youth smoking prevention programs, and "low tar/low nicotine" cigarettes and company or industry knowledge relevant to such statements; 2) conduct relevant to the alleged pattern of racketeering activity through which defendants participated in the conduct, management, and operation of the affairs of the alleged Enterprise; and 3) Brown & Williamson's marketing conduct and practices including activities to appeal to young people, youth smoking prevention programs, and voluntary restrictions on marketing.

Norris, Susan. (US Fact Witness): Ms. Norris, currently Category Director of the Portfolio Brand Group for Philip Morris, has been with the company for nearly 15 years. During her career at Philip Morris, Ms. Norris served in the following positions:

- Category Director, Portfolio Brand Group (Basic, Famous Value Brands, Virginia Slims), 2002-present
- Category Director, Discount Brands (Famous Value Brands), 2000-2002
- Brand/Senior Brand Manager, Basic, 1999-2000
- Brand Manager, Marlboro, 1995-1999
- Assistant/Associate Brand Manager, Discount Brands, 1994-1995
- Manager, Marketing Systems, 1993-1994
- Manager, Marketing Research, 1992-1993

- Manager, Trade Marketing, 1991-1992
- Manager, Sales Planning and Analysis, 1990-1991
- Supervisor of Fixture Logistics, Philip Morris, 1988-1990

During her employment with Philip Morris, Ms. Norris has been involved in multiple aspects of the company's cigarette marketing and promotion practices, including the Marlboro bar program, various retail promotions, and new cigarette products. Ms. Norris is currently responsible for the marketing and promotion of Philip Morris's Basic, Virginia Slims, and Famous Value cigarette brands.

Northrip, Robert. (U.S. Fact Witness): Attorney at Shook, Hardy & Bacon, 1968 -- present. From his first day at Shook, Hardy, just over 35 years ago, Mr. Northrip has represented tobacco clients, and for the past 20 years -- since approximately 1983 or 1984 -- his entire practice has been representing tobacco clients. Mr. Northrip has represented all but two of the defendants in this action, including every major tobacco company other than Liggett: Philip Morris and its various parents; R.J. Reynolds; Lorillard; Brown & Williamson; American; BATCo; and the Tobacco Institute. He has been instrumental in "witness development" on defendants' behalf, and participated extensively in developing defendants' positions on environmental tobacco smoke.

Ockene, Ira M.D. (US Expert Witness): Dr. Ockene is a preventive cardiologist at the University of Massachusetts Medical School. He is certified in Internal Medicine and Cardiovascular Disease. Before coming to the University of Massachusetts, Dr. Ockene held the following positions:

- 1970-1972 Chief of Cardiology U.S. Army Hospital, Fort Carson, Colorado
- 1972-1974 Research Fellow in Cardiology Peter Bent Brigham Hospital
- 1972-1974 Research Fellow in Medicine, Harvard Medical School
- 1974-1975 Instructor in Medicine, Harvard Medical School
- 1974-1975 Junior Associate in Medicine Peter Bent Brigham Hospital

In 1975, Dr. Ockene became an Assistant Professor of Cardiovascular Medicine at the University of Massachusetts Medical School. In 1984 he became a full Professor of Medicine. In 1985, Dr. Ockene became the Associate Director of the Division of Cardiovascular Medicine in the Department of Medicine at the University of Massachusetts Medical Center, a position he holds today. In 1987 Dr. Ockene became the Director of Preventive Cardiology at the University of Massachusetts Medical Center, a position he also continues today. In 1998, Dr. Ockene became an Adjunct Professor in the Department of Biostatistics and Epidemiology in the School of Public Health and Health Sciences at the University of Massachusetts at Amherst. In 1999 he became an Adjunct Professor in the Department of Nutrition in the School of Public Health and

Health Sciences at the University of Massachusetts at Amherst. In 2001, Dr. Ockene was named the David and Barbara Milliken Professor of Preventive Cardiology at the University of Massachusetts Medical School. Dr. Ockene is actively involved in committee work both at the University and throughout the country, including the American Heart Association.

Dr. Ockene has published voluminously on the subject of preventive cardiology, and has been a consultant to such organizations as the Centers for Disease Control and the office of the Surgeon General. He is a reviewer for numerous publications, including *JAMA* and the *New England Journal of Medicine*. Dr. Ockene also participates as an investigator in various research grants to study elements of preventive cardiology.

Orlowsky, Martin L. (US Fact Witness): Mr. Orlowsky is currently the chairman, president, and chief executive officer of Defendant Lorillard Tobacco Company. Mr. Orlowsky joined Lorillard in October 1990 as the Senior Vice President for Advertising and Brand Management, where he oversaw the development and implementation of the company's marketing initiatives, advertising programs, and marketing strategies. After two years, he was promoted to Executive Vice President of Marketing and Sales, where he had overall responsibility for Lorillard's marketing and sales organizations and operations. In 1995, he was named company President; in 1997 he became Chief Operating Officer. In 1999, he replaced Alexander W. Spears III as Lorillard CEO, a position in which he is responsible for setting corporate positions on smoking and health issues. Mr. Orlowsky announced Lorillard's new corporate position that smoking caused certain diseases during the damages phase of the Engle trial in 1999.

Mr. Orlowsky was previously employed by Defendant R.J. Reynolds from November 1977 to September 1986, where he held the marketing positions of Director of Media and Special Events, Director of Marketing Services, Vice President of Marketing, Senior Vice President of Marketing, and Executive Vice President of Marketing and Sales. Mr. Orlowsky also worked briefly for Reynolds' (then) sibling Nabisco from 1986 to 1987, where he was president of the Grocery Products Division and president of the Planters and Lifesavers Division before being fired from the company.

Orzechowski, William. (US Fact Witness): Dr. Orzechowski worked for defendant the Tobacco Institute as an economist for its State Activities Division from 1988 until at least 1998. As such, Dr. Orzechowski complied industry data, mostly related to tax issues, performed economic analysis, such as excise tax analysis for excise tax legislation, and communicated with representatives of the Cigarette Company Defendants on economic issues.

Dr. Orzechowski received a Bachelor's Degree in economics from Park College in Parkville, Missouri, a Master's Degree in economics from the University of Missouri, and a Ph.D

in economics from Virginia Tech. After receiving his education, Orzechowski taught economics from approximately 1970 to1983 at several colleges and universities including: Concord College in West Virginia (two years), Jacksonville State University in Alabama (two years), Oglethorpe University in Georgia (six years), and George Mason University in Virginia (three and a half years). Dr. Orzechoswki then worked as the federal budget expert for the U.S. Chamber of Commerce from 1983 until 1988.

Osborne, Susan. See Ivey, Susan. (US Fact Witness).

Osdene, Thomas S. (US Fact Witness): Dr. Osdene is currently retired and reported (by his counsel) to be in ill health. He was employed by Philip Morris from 1965-May 1992. Dr. Osdene served in the following positions at Philip Morris:

- Vice President of Science & Technology (1989-1992)
- Director of Science & Technology (1984-1989)
- Director of Research & Extramural Studies (1980-1984)
- Director of Research (1969-1980)
- Manager, Chemical Research Division, (1965-1969)

Prior to Philip Morris, Dr. Osdene worked as a Senior Research Scientist for six years at Wyeth Laboratories.

As Philip Morris's Director of Research, Dr. Osdene had primary responsibility for all research relating to smoking and health, including nicotine and secondhand smoke. He also directed Philip Morris's biological research conducted at Philip Morris's German research facility, known by the acronym INBIFO. He served on committees of Defendant Council for Tobacco Research ("CTR"), participated in the smoke study group of the industry's Cooperation Centre for Scientific Research Relative to Tobacco ("CORESTA") research organization, and served on the Board of Center for Indoor Air Research ("CIAR") in at least 1988, 1989, and 1991.

Panzer, Frederick. (US Fact Witness): Mr. Panzer graduated from the City College of New York in 1948. He later took some graduate level courses at New York University and the New School of New York. Following graduation from college, Panzer worked in the Public Relations Department of two state entities, the New York State Division of Housing (1949-1952) and the New York State Employment Service (1952-1956). Panzer then went on to work in the Information Services or Public Relations Department of the U.S. Veteran's Administration, again doing promotional work but focusing on veteran's benefits principally using radio and television media outlets. In 1962, Panzer became the Deputy Director of Public Relations for the Presidents Council on Aging, a part of the U.S. Department of Health, Education & Welfare

(now the Department of Health and Human Services). He did public relations work for the President's Council on Aging through 1964. In 1965, Panzer joined the staff of the White House, where he conducted research and helped write speeches, among other things.

In 1969, Fred Panzer joined the staff of the Tobacco Institute ("TI"), where he remained until his retirement in 1990 at the age of sixty-five. During his tenure with TI, Panzer initially worked as a public relations assistant to William Kloepfer in the Public Relations Department. However, in 1970, Panzer switched to the Federal Relations section of TI, where he remained until 1990. As a Vice President in Federal Relations, Panzer monitored the activities of Congress related to smoking and health issues, prepared statements used to brief Congress on smoking and health related issues and wrote speeches for the President of TI.

In 1990, following his retirement from TI, Panzer began working part-time as a consultant with Hecht-Spencer Associates, a small Washington representative lobbying organization who's client base includes Defendant Brown & Williamson.

Parrish, Steven. (US Fact Witness): Mr. Parrish worked as an attorney at the law firm of Shook, Hardy & Bacon for 15 years before coming to Philip Morris. Mr. Parrish came to Philip Morris as a Vice President, and in 1995 became the Senior Vice President of Corporate Affairs for Philip Morris Companies, Incorporated, the position that he holds today. In this position, he is responsible for corporate communications, which includes, among other things, press releases, media relations and internal communications. Mr. Parrish also provides input into various aspects of the Philip Morris corporate website. During his career at PM, Steven Parrish has served in the following positions:

- Senior Vice President, Corporate Affairs (05/01/1995-present)
- Senior Vice President, Worldwide Regulatory Affairs (12/1994-05/1995)
- General Counsel and Senior Vice President, External Affairs, Philip Morris Incorporated (1992-05/95)
- Vice President and General Counsel, Philip Morris Incorporated (10/1990-1992)
- Vice President, Corporate Scientific Affairs, Philip Morris Incorporated (06/1990-09/1990)

Perito, Paul L., Esq. (US Fact Witness): Mr. Perito serves as Star Scientific, Inc.'s Chairman (since August 2000), President (since November 1999) and Chief Operating Officer (since November 1999). Between June 1999 and November 1999, Mr. Perito served as Star Scientific, Inc.'s Executive Vice President, General Counsel and Chief Ethics Officer. His previous employment and affiliations include:

- Senior Partner in the law firm of Paul, Hastings, Janofsky & Walker, LLP

("PHJ&W")(July 1991-June 1999);

- Senior Counsel to PHJ&W (1999 - March 31, 2001);
- National Co-Chair of the White Collar Corporate Defense Practice Group at PHJ&W (beginning in 1991);
- Chair of the Litigation Department in PHJ&W's Washington D.C. office beginning in 1995;
- Chief Counsel and Deputy Director of the White House Special Action Office on Drug Abuse Prevision (1971-1973);
- Chief Counsel and Staff Director to the U.S. House of Representatives Select Committee on Crime (1970-1971); and
- Assistant United States Attorney in the Southern District of New York, (1966-1970).

Mr. Perito is a 1964 graduate of Harvard Law School (LLB/JD) and is admitted to practice in several federal District Courts.

Petch, Harold. (US Fact Witness): Mr. Petch is President of the Liggett's Northern Strategic Business Unit. In that position Petch manages the sales organization that comprises the sale force in the geographic area from Maine to Maryland, out to Ohio, Indiana, Michigan, Illinois, and Wisconsin. He is also responsible for finance, customer service, information systems and marketing. Petch joined Liggett in 1993. Prior to joining Liggett, Petch was the National Account Manager for the Pillsbury Company for the A&P account. He became President, Northern Strategic Business Unit in 1997. Petch is involved in all aspects of Liggett's marketing of cigarettes, including point of sales advertising and discounting. Petch is also familiar with Liggett's lack of consumer research to determine how price affects consumption of cigarettes or how its point of sale advertising affects consumers.

Pfeil, Michael. (US Fact Witness): Mr. Pfeil has worked for Philip Morris USA almost his entire career, rising from a salesman to his present position as Vice President of Communications and Public Affairs. As Vice President of Communications, Mr. Pfeil is the company spokesman, and deals with the media and various public groups. During his career at Philip Morris, Mr. Pfeil served in the following positions:

- Vice President of Communications and Public Affairs, Philip Morris, USA (04/01/2000-Present)
- Director of Communications, Philip Morris USA (12/1998- 2000)
- Section Sales Director, Seattle (1989-1998)
- Manager of Sales Planning, (05/1989-08/1989)
- National Account Manager, (1987-1989)
- Area Manager, Portland, Oregon (1984-1987)

- Sales Representative, (09/1977-1984)

Pollice, Lorraine. (US Fact Witness): Ms. Pollice is one of the few remaining current Council for Tobacco Research ("CTR") employees (as of June 2002). Ms. Pollice has held various positions at CTR during her more than twenty-five years with the organization. She began her work with CTR as a secretary to Dr. Hockett and Dr. Stone, performing basic secretarial duties and sending research applications to CTR's Scientific Advisory Board ("SAB") on the Doctors' behalf. In this initial position and the others that followed, Ms. Pollice developed familiarity with the CTR grant process and CTR special projects. In 1981, Ms. Pollice became secretary to then Executive Vice President Mr. Hoyt and then Vice President, Mr. Gertenbach. At that time, Ms. Pollice was also named Assistant Treasurer of CTR and given the responsibility of approving all payments made by CTR and drawing and signing all checks on behalf of the organization. In 1984, Ms. Pollice became Corporate Secretary of CTR and was, accordingly, responsible for attending and taking minutes at all CTR Annual Meetings and CTR Board Meetings. Ms. Pollice was also responsible for mailing meeting minutes and notices of meetings to CTR board members. In 1991, Ms. Pollice was named Treasurer of CTR and became responsible for preparing CTR's annual budget along with Dr. Glenn.

Currently (as of June 2002), Ms. Pollice acts as Corporate Secretary and Treasurer of CTR. Her duties include: drawing and signing all checks covering payments, maintaining CTR financial records, conducting administrative work related to the CTR trust and benefits to retirees, and secretarial work. Ms. Pollice also assists CTR attorneys in litigation related matters.

Proctor, Christopher. (US Fact Witness): Mr. Proctor's title, as of 2003, was Head of Science and Regulation in BATCo's Operations Group. Mr. Proctor's current responsibilities include presentations to government bodies and public statements concerning ETS. Mr. Proctor was first employed by BATCo in 1983 as a Senior Analyst at the Southampton research laboratories. As a Senior Analyst, Mr. Proctor conducted analytical chemistry, developed ways to measure sidestream and environmental tobacco smoke, and conducted chemo-sensory research. Between late 1989 and 1993, Mr. Proctor was employed by the law firm of Covington & Burling, in Washington, D.C., as a Senior Scientific Advisor. In that role, he advised the firm's attorneys on scientific matters. In the summer of 1993, Mr. Proctor resumed employment with BATCo in Staines as the Head of Smoking issues. In this position, he succeeded Dr. Ray Thornton and ultimately Dr. Sharon (Boyse) Blackie. There was approximately one year in which Mr. Proctor worked side-by-side with Dr. Blackie before he fully assumed her duties, including her former role as BATCo's representative to the International ETS Management Committee. As Head of Smoking Issues, Mr. Proctor assumed the Chair of the Scientific Research Group, which was charged with reviewing the scientific literature related to smoking and health issues and advising BATCo on an appropriate company response. In approximately 1995 or 1996, Mr. Proctor became the Head of Science & Regulation, under the Corporate and

Regulatory Affairs ("CORA") group and later became BATCO's Head of Science and Regulation in the Operations Group.

Read, Graham A. (U.S. Fact Witness): A scientist by training, Graham Read has worked for defendant BATCo and affiliated companies for the past 28 years, rising from bench-level biological scientist in 1976 to his present position as head of global strategic research. During his career at BATCo, Mr. Read has served in the following positions:

- Middle 2000 - present BATCo - Head of global strategic research; Rothmans - member of board of directors
- 1999 - middle 2000 BATCo - Head of strategic research (following BATCo and Rothmans merger); Rothmans - member of board of directors
- 12/1/1998 - 1999 Rothmans - Head of Research & Development; member of board of directors (BATCo and Rothmans were in merger discussions when announcement made)
- 2/1/92 - 1998 BATCo - Head of Research & Development
- 8/1/88 - 12/31/91 BATCo - Business Development Manager (1988) and then General Manager (1988 to end of 1991) of BATCo subsidiary Advance Technologies Ltd. ("ATC"), a biotechnology company based in Cambridge
- 9/1/85 - 8/1/88 BATCo - General Manager, working at London headquarters on business diversification program in agribusiness
- 4/1/82 - 9/1/85 BATCo - research & development projects manager, biotechnology; research & development head of Human Smoking Behaviour Group
- 4/1/77 - 4/1/82 BATCo - research & development group leader, responsible for inhalation division and biochemistry division
- 2/1/76 - 4/1/77 BATCo - bench-level biological scientist, working as inhalation toxicologist

Over the course of his career at BATCo, Mr. Read has been involved in areas of research such as nicotine levels in tobacco, potentially less hazardous products, addiction and smoking behavior, and the health effects of low-nicotine cigarettes. In addition, BATCo proffered Mr. Read as its corporate 30(b)(6) designee on scientific document management.

Reif, Helmut.(US Fact Witness): Dr. Helmut Reif worked as a scientist at Fabrique du Tabac Reunies, SA, a subsidiary of Philip Morris, International (and Defendant Altria Group) located in Neuchatel, Switzerland from 1986-2001. During that time, Dr. Reif conducted and oversaw research related to cigarettes, including research on the constituents of and intensity of exposure to secondhand smoke. Dr. Reif was a member of the Board of Directors of the Center

for Indoor Air Research ("CIAR") and working groups that addressed public relations and scientific issues concerning environmental tobacco smoke at the Cooperation Centre for Scientific Research Relative to Tobacco ("CORESTA"). He was also a part of the Scientific Research Review Committee ("SRRC") at Philip Morris from 1997-2000, serving as a member of the committee tasked with approving all smoking and health research funded by Philip Morris Companies (and the means by which Philip Morris Companies exercised control over scientific research initiatives of Philip Morris USA and Philip Morris International).

Dr. Reif's professional career included the following position from the time that he completed his education in 1969 and his retirement at the end of 2001:

- 1969 - 1983 Scientist (chemical analysis), Austrian Tobacco Monopoly
- 1983 - 1986 Research Director, Degesch
- 1986 - 1992 Principle Scientist, Fabrique du Tabac Reunies, SA, Department of Science and Technology
- 1992 - 1993 Principle Scientist, Fabrique du Tabac Reunies, SA, Research and Development Services
- 1993 - 1997 Director, Science and Technology, Fabrique du Tabac Reunies, SA
- 1997 - 2001 Fellow, Science and Technology, Fabrique du Tabac Reunies, SA

Reynolds, Martin Lance. (US Fact Witness): Mr. Reynolds was employed by Brown & Williamson in the R&D Department between 1968 and the middle of 1991, when he retired. Mr. Reynolds' began his employment at Brown & Williamson as a research chemist. In the mid to late 1970s, he became the Division Head for Product Development. In approximately 1983, he became Director of Product Development, and in approximately 1988, he served as the Director of Research. At the end of his career at Brown & Williamson, Mr. Reynolds reported to then Vice President of Research and Development, Jeffrey Wigand.

Mr. Reynolds has testified on deposition that he has a general knowledge of "tobacco science," which he defines as "what cigarettes, in general, are made of, how they're made, how delivery of smoke components can or cannot be controlled, how cigarette filters of various kinds work, the composition of U.S. cigarettes, in general, cigarettes around the world, some knowledge of tobacco and smoke chemistry, tobacco and smoke aerosol, human uptake of smoke by smokers smoking cigarettes, . . . broad knowledge of the smoke and health literature and a broad knowledge of the epidemiology." In approximately 1967, Mr. Reynolds worked for Celanese, a company that manufactured cigarette filters. Prior to that, Mr. Reynolds was employed for a few years at Imperial Tobacco, in England.

Richmond, Julius. (US Fact Witness): Dr. Julius Richmond was the Surgeon General of the United States from 1977 to 1981, serving in both the Carter Administration and part of the

Reagan Administration. During his tenure as Surgeon General, he oversaw and reviewed the publication of four Surgeon General's Reports. Dr. Richmond has been a medical doctor for over 60 years and is board certified in pediatrics.

He graduated from the University of Illinois medical school in 1939, then completed an internship at the Cook County Hospital in Chicago from 1939-1941. When World War II began, he entered the United States Air Force as a flight surgeon. After the war, he returned to his civilian medical practice and completed his residency training in pediatrics before joining the faculty of the University of Illinois College of Medicine in Chicago.

In 1953, he took a position at the State University of New York in Syracuse, New York, joining the faculty of that medical school as Professor and Chairman of the Department of Pediatrics, and was later elevated to Dean of the Medical School.

Dr. Richmond served the Johnson Administration as the first director of the Head Start Program in 1964. In 1971, he moved to Harvard Medical School to be a Professor of Child Psychiatry, Chief of the Psychiatric Service at the Children's Hospital, and Director of the Judge Baker Children's Center in Boston.

He later served as Professor and Chairman of the Department of Preventive and Social Medicine, and was appointed to a position within the Harvard School of Public Health. He continues to hold the position of Professor Emeritus at Harvard Medical School.

Robertson, John Graham "Gray". (US Fact Witness): Mr. Robertson, President of ACVA Atlantic, Inc., later Healthy Buildings International ("HBI"), from 1981 to present, "Gray" Robertson is expected to testify concerning:

- His activities and his companies' activities related to defendants' misrepresentations about second hand smoke;
- Second hand smoke and indoor air quality (IAQ) research projects that were funded by defendants
- Payments that were made by defendants and their attorneys to his companies;
- Defendants' development of "scientific" witnesses that were used to analyze, critique and review second hand smoke research and proposed regulation regarding second hand smoke and indoor air quality;
- Defendants' attorneys' involvement in second hand smoke and IAQ research, including approval and disapproval of research, revision of the results of research, and publication and non-publication of results of such research; and
- Company or industry knowledge regarding research and/or the development of "scientific" witness teams to address issues related to second hand smoke and

public statements on this topic.

Robinson, John. (US Fact Witness): Mr. Robinson is a Senior Principal Scientist and the Director of Smoking Behavior and Physiology Division at R.J. Reynolds Tobacco Company. He has worked for R.J. Reynolds since June, 1981, during which time he has studied human smoking behavior. He began his career at Reynolds as a senior behavioral scientist, became a senior staff scientist, and then a master scientist, and finally, a principal scientist. Prior to his RJR employment, he worked at Bowman Gray School of Medicine, Wake Forest University, in Winston-Salem, N.C. from 1978-1981.

Rodgman, Alan. (US Fact Witness): Dr. Rodgman is a chemist who worked as an R&D scientist at R.J. Reynolds Tobacco Co. from 1954 to 1987, rising to the level of R&D Director of Fundamental Research. At Reynolds, Rodgman served in the following positions:

- 1954: bench scientist; worked on issues involving the composition of cigarette smoke
- 1965: manager of the tobacco smoke section of R&D. stayed there until 1973.
- 1975: manager of analytical research division
- 1976: director of research
- 1980-87: director of fundamental research

In addition to any actual research Rodgman did for Reynolds, during his employ with the company he was enlisted by chief company counsel to prepare a series of "white papers" on "specific topics that might be of interest and concern in the tobacco industry," that were provided only to internal and outside counsel, and he also prepared "thousands" of one-to-two page reviews of scientific literature prepared solely "for the lawyers," which he describes as abstracts of "what things were critical and what we should look out for, how we could answer certain questions[.]" After retiring from Reynolds, Rodgman became a litigation consultant to Womble Carlyle, an outside law firm that long has represented Reynolds, where he has been paid an estimated $600,000 during years when he also was appearing as a witness for Reynolds in smoking and health litigation.

Ross, John Bowen. (US Fact Witness): Mr. Ross was formerly an in-house counsel for Liggett as a patent counsel for intellectual property. His employment at Liggett:

- August 1974 - 1979: Patent Counsel in charge of intellectual property
- 1979 - March 1987 : Patent & Trademark counsel

Rupp, John P. (US Fact Witness): Mr. Rupp has been an attorney with the tobacco

industry law firm Covington & Burling from 1977 to present. He has performed work for all Defendants save Council for Tobacco Research ("CTR") and Liggett. Mr. Rupp's services for Defendants intensified in the 1980s as the issue of secondhand smoke began to become more and more important both in the public health community and for Defendants. Mr. Rupp coordinated and unified the efforts of the cigarette manufacturers around the world through the establishment of the ETS Consultancy Programme. He took a lead role in the recruitment and handling of scientists and other consultants who were willing to speak or work on behalf of the tobacco companies. He was counsel for the Center for Indoor Air Research ("CIAR") from 1988 to 1998, assisted in the review/selection of projects for industry funding, and attended meeting of the Board of Directors. Mr. Rupp has also worked extensively on behalf of the industry with respect to lobbying and providing witnesses to testify at regulatory and other hearings. He continues to perform services for Covington & Burling, the Tobacco Institute, British American Tobacco, and the Imperial Tobacco Company.

Samet, Jonathan M. M.D., M.S. (US Expert Witness): Dr. Samet is a world renowned epidemiologist and pulmonary physician. He is Professor and Chairman, Department of Epidemiology, Johns Hopkins University, Bloomberg School of Public Health ("JHSPH"). He holds a joint appointment in the Department of Medicine at the Johns Hopkins School of Medicine, as well as a secondary appointment in Hopkins' Oncology Center. He received his medical degree from the University of Rochester in 1970, and his M.S. in Epidemiology from the Harvard School of Public Health in 1977. He is trained as a clinician in the specialty of internal medicine and in the sub-specialty of pulmonary diseases. From 1978 through 1994, he was a member of the Department of Medicine at The University of New Mexico School of Medicine where most recently he was Professor and Chief of the Pulmonary and Critical Care Division in the Department of Medicine. At the Johns Hopkins University Bloomberg School of Public Health, he is Director of the Institute for Global Tobacco Control and Co-Director of the Risk Sciences and Public Policy Institute.

His research has addressed the effects of inhaled pollutants in the general environment and in the workplace. He has written widely on the health effects of active and passive smoking and served as Consultant Editor and Senior Editor for Reports of the Surgeon General on Smoking and Health, including the 2004 report. In 1990, he received the Surgeon General's medallion in recognition of his previous contributions to the publication of these reports. He has served on the Science Advisory Board for the U.S. Environmental Protection Agency and was Chairman of the Biological Effects of Ionizing Radiation Committee VI of the National Research Council. He is presently Chairman of the National Research Council's Committee on Research Priorities for Airborne Particulate Matter. He was elected to the Institute of Medicine of the National Academy of Sciences in 1997. In October 2000, Dr. Samet was installed as the first Jacob and Ruth Fabrikant Professor of Health, Risk, and Society at the Johns Hopkins University. His professional career includes the following positions, degrees and certifications:

- Director, Institute of Global Tobacco, JHSPH, 1998 to present
- Co-Director, Risk Sciences and Public Policy Institute, JHSPH, 1995 to present
- Secondary Appointment, Oncology Center, JHSPH, 1995 to present
- Joint Appointment, Department of Medicine, School of Medicine, Johns Hopkins University, 1994 to present
- Co-Director, Center for Epidemiology and Policy, JHSPH, 1994 to present
- Professor, University of New Mexico, 1978 - 1994
- A.B 1966 Harvard College, Chemistry and Physics
- M.D. 1970 University of Rochester School of Medicine and Dentistry
- M.S. 1977 Harvard School of Public Health
- Medical License: Maryland and New Mexico
- Certification: Internal Medicine, subspecialty in pulmonary medicine

Sampson, Steven. (US Fact Witness): Mr. Sampson has been employed at Philip Morris for 14 years, primarily working on Philip Morris's event marketing programs, such as Marlboro Auto Racing and the Marlboro Bar Program. During his career at Philip Morris, Steven Sampson has served in the following positions:

- 1990-1991: Coordinator, Marlboro Auto Racing
- 1991-1992: Manager, Marlboro Auto Racing
  1992-1999: Group Manager, Event Marketing Department, Marlboro Racing, Marlboro Bar Nights
- 1999-2000: Group Manager, Event Marketing Department, in charge of Bar and Music Programs for various bands
- 2000-present: Senior Brand Manager, Marlboro Brand

As the Manager in charge of Philip Morris's Marlboro Racing and Marlboro Bar Nights Programs, Steven Sampson was involved in all aspects of planning, researching, and implementing these programs.

Sandefur, Thomas "Tommy". (US Fact Witness): Tommy Sandefur was a long time salesman in the tobacco industry who ultimately rose to become Chairman and Chief Executive Officer of Brown & Williamson. Prior to his death in 1995, Mr. Sandefur held the following positions in the tobacco industry:

R.J.Reynolds

- 1963-1964 Regional Salesman
- 1964-1965 Assistant Division Manager for sales in Macon region
- 1965-1966 Assistant Division Manager for sales in Atlanta region

- 1966-1967 College Recruiter for field sales representatives
- 1967-1968 Marketing Assistant in Brand Management Department, while later became a marketing department
- 1968-1968 Assistant Brand Manager for Winston Brand
- 1968-1969 Associate Brand Manager for Winston Brand
- 1969-1971 Associate Brand Manager for Doral Brand
- 1971-1974 Brand Manager for Salem Brand
- 1974-1976 Brand Manager for Winston Brand
- 1976-1977 Group Brand Manager
- 1977-1980 Vice President of Brand Management
- 1980-1981 Vice President of Marketing for International Division (Geneva, Switzerland)
- 1981-1982 Executive Vice President, European Operations

Brown & Williamson

- 1982-1984 Senior Vice President International
- 1984-1985 Executive Vice President Marketing
- 1985-1993 President
- 1993-1995 Chairman and Chief Executive Officer

During Mr. Sandefur's tenure as head of Brown & Williamson he instructed affiliated BAT group companies to keep scientific documents out of the United States and specifically forbid Dr. Jeffrey Wigand, then head of research at Brown & Williamson, from receiving scientific reports from his counterparts at other BAT companies. He also curtailed research into a less hazardous cigarette.

Sanders, Edward "Ted". (US Fact Witness): Dr. Sanders has worked for defendant PM for over thirty years, holding a variety of scientific positions within the company. During his career with the company, Dr. Sanders has held the following positions:

- Group Director, Worldwide Scientific Affairs, Philip Morris International ("PMI"), 06/01/99 - present
- Principal Scientist and Assistant to Director, Fabriques des Tabac Reunies, PMI, 03/01/96-06/01/98
- Principal Scientist, Scientific Affairs, PM USA, 1995-96
- Vice Director of Research, Fabriques des Tabac Reunies, PMI, 04/01/92-03/01/95
- Principal Scientist, Scientific Affairs, PM USA, 10/01/89-04/01/92
- Associate Principal Scientist, SA, PM USA, 08/01/88-10/01/89
- Manager, Biological Research Division, PM USA, 04/01/84-08/01/88

- Manager, Chemical Research Division, PM USA, 11/01/79-04/01/84
- Senior Scientist, Research & Development, PM USA, 07/16/76-11/01/79
- Research Scientist, R&D, PM USA, 09/17/73-07/16/76

During the course of his career, Dr. Sanders has gained extensive knowledge of PM's internal and external positions on smoking and health issues, including the health effects of both active and passive smoking, and the role of nicotine in smoking addiction. As a longtime company scientist, Dr. Sanders also has primary information of the perpetuation and continued existence of the Enterprise, including PM's efforts to influence science and public opinion on issues related to the health effects of smoking and of ETS on non-smokers.

Schechter, David. (US Fact Witness): Until his final separation from the BAT group in 1994, David Schechter was an in-house lawyer for Brown & Williamson and its parent company BATUS, and later became a consultant to BATCo on document management issues. Mr. Schechter's work history with the BAT group of companies included all of the following positions:

- 1967-1974 Tax Attorney, Brown & Williamson Tobacco Corporation
- 1974-1979 Tax Attorney, Brown & Williamson Industries
- 1979-1980 Vice President & General Counsel-Retail of Brown & Williamson Industries, which was a U.S. subsidiary of the ultimate BAT parent company
- 1980-1992 Vice President & General Counsel of BATUS, Brown & Williamson Tobacco Corporation's parent company
- 1993-1994 Consultant to BATCo

During the later part of his career, Mr. Schechter worked to develop and implement a document "management" program for the entire BAT group of companies. As Mr. Schechter has explained, part of the basis for the document "management" program was to prevent "sensitive" documents from being available to potential litigants in smoking and health litigation in the United States. Mr. Schechter was also involved with implementation of the document "management" program in Australia, as well as coordinating legal representation of BAT's Australian company, W.D. & H.O. Wills (later known as BATAS), in smoking and health litigation.

Schindler, Andrew. (US Fact Witness): Mr. Schindler is Chairman and Chief Executive Officer of R. J. Reynolds Tobacco Company. He is also Chairman, President and Chief Executive Officer of R.J. Reynolds Tobacco Holdings, Inc., the parent company of R.J. Reynolds Tobacco Company. He has held those positions since 1995. Prior to that, he held the following positions at Reynolds (with some intermittent stints working for its parent company):

- 1976: National Manager of Sales Personnel
- 1979: Director of Organizational Development
- 1981: Plant Manager in Reynolds Facility # 64
- 1988: Vice President of Personnel
- 1989: Senior Vice President for Operations
- 1991: Executive Vice President for Operations
- 1994: President and Chief Operating Officer
- 1995-present: President and CEO

Mr. Schindler's background is in sales, and even today he is involved in every company marketing campaign as it develops and he gives it final approval. Despite his running the company at the time of and since the Master Settlement Agreement ("MSA"), under his direction, Reynolds made no effort to impose additional checks on the content of its ads in response to the MSA – e.g., making no changes in the content of its ads in response to the MSA. Nor did Reynolds make any changes to the way it markets the sponsorship event it maintained after the MSA. He also served on the Council for Tobacco Research from 1996-98. With the merger between Reynolds and Brown & Williamson, Schindler will be Executive Chairman of the new company (Reynolds American Inc.) for a six-month period after which he will move to the role of Non-Executive Chairman.

Schoenbachler, Carl. (US Fact Witness): Mr. Schoenbachler is the former Chief Financial Officer of Brown & Williamson and is currently President and Chief Executive Officer of Brown & Williamson's holding company BATIC. During his career at B&W and its related companies, Schoenabachler has held the following positions:

- B&W, Chief Financial Officer, 1988-2000
- BATIC, President & Chief Executive Officer, 2001-present

As former CFO of B&W, Mr. Schoenbachler has knowledge of interconnections between B&W finances and other BAT Group companies. In addition, Mr. Schoenbachler played a role in B&W financial calculations in entering into the MSA, and is familiar with the impact of the MSA on B&W's expenditures and revenues. Mr. Schoenbachler also has knowledge of the manner in which B&W allocates its expenditures pre and post MSA. Mr. Schoenbachler also is familiar with financial decisions made and contemplated in order to achieve a younger age profile for B&W.

Schultz, Frederick J. (US Fact Witness): Dr. Schultz was employed as a scientist at Defendant Lorillard in Greensboro from 1959 to the time of his retirement from the company in 1993. Dr. Schultz earned a PhD is organic chemistry in 1960. He held the following positions while with the company:

- Research Chemist, 1959- approximately 1963
- Senior Research Chemist, 1964-1966 (approximate dates)
- Supervisor of Applied Research, 1967-1970 (approximate dates)
- Director of Product Development, 1970-1972
- Director of Research, 1972-1977
- Vice President of Research, 1978-1993

Dr. Schultz's work for Lorillard involved the identification of compounds and substances in tobacco smoke, the application of filtration and low tar/nicotine research to products, cigarette design, product/additive testing, and the elimination of known harmful substances from products. In addition, as Director of Research Dr. Schultz participated in Lorillard's research initiatives, such as the Nicotine Augmentation Project, the RL Enrichment Project, and ammoniation, to increase the nicotine content, delivery, and impact in Lorillard's cigarettes independently of tar. He reported to Dr. Spears for much of his employment with the company.

Schwartz, Sorell. (US Fact Witness): Dr. Schwartz is a professor at Georgetown University, Department of Pharmacology. Dr. Schwartz was a tobacco industry consultant for many years. In 1982, Dr. Schwartz co-founded the Center for Environmental Health and Human Toxicology ("CEHHT"), a consulting firm that did significant work for the tobacco industry. Additionally, Dr. Schwartz was Chairman of the Indoor Air Pollution Advisory Group ("IAPAG"), a division of CEHHT devoted to ETS. Dr. Schwartz traveled throughout the United States and abroad at the Joint Defendants' expense to testify at hearings and participate in conferences.

As a result of his close work with the tobacco industry, Dr. Schwartz has direct knowledge of (a) defendants' misrepresentations regarding ETS, research projects and industry-sponsored conferences that related to Environmental Tobacco Smoke ("ETS"); (b) defendants' development of scientific witnesses that they used to analyze, critique, and review ETS research, publications, and proposed legislation concerning ETS and indoor air restrictions; (c) attorney involvement in ETS research, including but not limited to, organization and/or support of conferences that addressed ETS, approval/disapproval of research, revision of research results, and whether to publish research results; (d) company or industry knowledge regarding research and/or the development of scientific witness teams to address ETS issues and public statements regarding same.

Seckler, Jeffrey. (US Fact Witness): Mr. Seckler is a former senior consultant at Health Buildings International ("HBI") (formerly known as ACVA Atlantic, Inc). In that capacity, Mr. Seckler gained first-hand knowledge of HBI's activities related to the following: (a) defendants' misrepresentations regarding Environmental Tobacco Smoke; (b) indoor air quality ("IAQ") research projects funded by defendants; (c) defendants' development of scientific witness teams

that were used to analyze, critique and review ETS and IAQ research and proposed legislation regarding ETS and indoor smoking restrictions; (d) attorney involvement in ETS and indoor air quality research, including approval and disapproval of research, revision of the results of such research, and publication or non-publication of the results of such research; and (e) company or industry knowledge regarding research and/or the development of scientific witness teams to address issues related to ETS and the public statements regarding same.

Shannon, Michael. (US Fact Witness): Mr. Shannon worked for R.J. Reynolds from 1977 until 1992, starting as a junior chemist and ending as a Manager for Advanced Product Technologies. During his career at R.J. Reynolds, Mr. Shannon served in the following positions:

- 1977-1982 Junior Chemist, Associate Chemist, R&D Chemist (2-3 years in each position)
- 1982 Quality Assurance Manager for Tobacco Processing (Quality Assurance Department)
- 1983 Quality Assurance Manager for Tobacco Processing (Quality Assurance Department)
- 1985 Manager Development (New Product Technology)
- 1986 Manager Development (New Product Technology)
- 1989 Manager Advanced Prdt. Technology (Research & Development)
- 1992 Manager Beta - 90 Omega (Advanced Tech. Prdts.)

During his time at R.J. Reynolds, Mr. Shannon was primarily involved with the development of new cigarette products, with a focus on the "ultra" products being developed by R.J. Reynolds. These products had manipulated nicotine yields. Mr. Shannon has testified that during the 1980's and early 1990's, the company had several projects that involved the manipulation of nicotine levels in its products. In one case, for its "ultra" products, R.J. Reynolds remedied the problem of a reduced draw for the smoker by boosting the cigarette's nicotine delivery, thus improving the cigarette's oral sensation and thus giving the smoker the impression that he was receiving more smoke. This boost in nicotine delivery was achieved by using higher nicotine tobaccos. The end result was the Winston Ultra Light cigarette, which contained a higher level of nicotine than any previous R.J. Reynolds "Ultra" product.

Mr. Shannon was also involved/familiar with R.J. Reynolds research programs which determined that nicotine was important for smoker satisfaction and which worked to determine the optimum dose of nicotine that its cigarettes should possess in order to be popular with smokers. This was especially evident with the Premier cigarette, which contained a manipulated level of nicotine that R.J. Reynolds had determined was the most popular with smokers. Like the Mr. Neumann's testimony, Mr. Shannon's testimony will be presented during the addiction

section of the United States case**.**

Shipe, Steven. (US Fact Witness): Mr. Shipe was Vice President, Business Development at Vector Tobacco. His employment at Liggett: began in 1980. Shipe's duties as Vice President, Business Development include working with the sales and marketing departments to provide the field sales organization the information and materials needed to execute Vector Tobacco's programs and promotions. Shipe also supervises the administrative support function for the field sales organization. Shipe is also Vector Tobacco's youth smoking designee under the Master Settlement Agreement and is therefore knowledgeable about Vector Tobacco's marketing plans including Vector Tobacco's efforts to comply with the Master Settlement Agreement.

Simmons, Reginald. (US Fact Witness): Mr. Simmons worked for ACVA Atlantic, later known as Healthy Buildings International (collectively referred to at "HBI") as a field technician and project team supervisor from 1986 until 1989. During his career, he served in the following positions:

- 1981-1985: Sole proprietor, Freedom Solar Engineering
- 1986-1989: Field technician and project team supervisor, HBI;
- 1989-current: Sole proprietor, Comprehensive Environmental Strategies, Ltd.

Mr. Simmons worked at HBI for approximately three and one-half years when he was approached by a vice president of the Tobacco Institute. Thereafter, HBI became very busy with projects from the Tobacco Institute ("TI") and tobacco became its biggest client. HBI was paid a monthly retainer of $20,000 from TI, and TI paid an additional $1500 per building by tobacco interests to take ETS studies of building they were inspecting. The analytical cost of the ETS tests to HBI was $200.

TI sent Mr. Simmons and others on several assignments to inspect buildings. These assignments were controlled by Gray Robertson and Peter Binnie. In 1986-87, HBI started dealing with Fleishman Hillard, a public relations firm, and Covington and Burling, both of whom were representing the Tobacco Institute. Certain ground rules were imposed by Robertson and Binnie: 1) when taking air samples for nicotine tests, technicians were instructed to take air samples in lobbies and other easily accessible areas where circulation was best, thus reducing the readings; 2) if asked, always recommend to clients that any air pollution problems could be solved by better ventilation; 3) banning or restricting tobacco use or smoking was never to be recommended; and 4) every inspection report was to be reviewed and undergo final editing by Mr. Binnie or Mr. Robertson before it was sent out.

Mr. Simmons worked on hundreds of inspections and wrote inspection reports but never

saw the final product before it was send to a client. Reports were always edited by Mr. Binnie or Mr. Robertson. Simmons would later see the inspection reports in the main files and note that Mr. Binnie or Mr. Robertson had changed the data and conclusions. Recommendations to restrict or ban smoking would be edited out of inspection reports, and it was standard practice to reduce the actual results of two significant tests that were done on buildings (the test for airborne particle count and the test for weighting airborne particles). One particular study involved 240 studies of restaurants and offices during the time that New York City officials were considering anti-smoking legislation. The analysis of the inspections and results were controlled by TI officials and none of the businesses were advised that the inspections were funded by TI or its members.

Slovic, Paul Ph.D. (US Expert Witness): Dr. Paul Slovic is the President of Decision Research, in Eugene, Oregon, and a Professor in the Department of Psychology at the University of Oregon. He has held both of these positions since 1986. Dr. Slovic is a leader in the field of risk perception, one of the earliest to perform research in this area, and has recently published a groundbreaking book, entitled *Smoking: Risk, Perception, and Policy* (2001). Dr. Slovic offers opinions related to how smokers, especially when they begin smoking, underestimate the risks associated with smoking. Dr. Slovic is a past president and fellow of the Society for Risk Analysis, a member of the Judgment and Decision Making Society, a charter fellow in the American Psychological Society, and a fellow in the American Psychological Association. Dr. Slovic currently serves on the editorial boards of *Risk Analysis, Risk Abstracts, Behavioral Decision Making, Risk, Decision, and Policy*, *Organization and Environment,* and the *Journal of Psychology and Financial Markets*. Dr. Slovic is an associate Editor of the *Journal of Forecasting,* and on the advisory editorial board of the *Journal of Risk and Uncertainty*. In addition to Dr. Slovic's recent book on risk perception as it relates to smoking, Dr. Slovic has published *The Perception of Risk* (2000)) and numerous articles on risk perception, judgment, and decision making, many as they relate to smoking. Dr. Slovic served as a Research Associate at Decision Research from 1976 to 1986, a Research Associate at Oregon Research Institute from 1964 to 1976, and was a visiting professor at The Hebrew University in Jerusalem, Israel from 1973 to 1974. Dr. Slovic obtained his Ph.D. in psychology from the University of Michigan in 1964.

Smigelski, Cheryl. (US Fact Witness): Ms. Smigelski has been employed at Philip Morris from 1991 to the present, working on Philip Morris's Direct Mail Marketing Database. During her career at Philip Morris, Cheryl Smigelski has served in the following positions:

- 1991-1993: Programmer
- 1993-1995: Systems Analyst, Information Services supporting Manufacturing Systems
- 1995-1997: Systems Analyst, Information Services supporting Marketing

- 1997-1999: Lead Systems Analyst
- 1999- present: Assistant Database Manager, Marketing Department.

Philip Morris has represented that Cheryl Smigelski is familiar with the various rules that Philip Morris applies to determine what individuals it will include in its Database, and to what individuals it will send mailings.

Smith, Sharon. (US Fact Witness): Ms. Smith is the current Brown & Williamson ("B&W") Director of Marketing Services and Operations. Ms. Smith has been involved in various aspects of Brown & Williamson's marketing activities, including advertising, merchandising, and promotion. She also has knowledge with respect to the company's corporate conduct and public statements about smoking and heath issues, and the company's positions and policies on youth smoking issues. She has been with Brown & Williamson since 1977. During her career at Brown & Williamson, Ms. Smith has served in the following positions:

- B&W Laboratory Specialist
- B&W Marketing Research Analyst
- B&W Supervisor Sales Planning
- B&W Supervisor Trade Development
- B&W Manager of Sales Communication
- B&W Brand Associate on Belair, Raleigh and Viceroy
- B&W Brand Associate, Kool
- B&W Marketing Manager for Advertising and Promotion (functional)
- B&W Brand Manager, GPC
- B&W Brand Director of Capri and Misty
- B&W Director of Creative Services (functional)
- B&W Brand Director, Lucky Strike

Solana, Richard. (US Fact Witness): Dr. Richard Solana has worked as a scientist for Philip Morris since 1993. Prior to joining PM, he was a military scientist. Dr. Solana was in the Air Force for about ten years, and then the Army for eleven years. Upon retirement from the military, Dr. Solana went to work for PM, holding the following positions:

- Vice President, WSA, PM USA, 09/01/99-present
- Director, Product Integrity, PM USA, 03/01/97-09/01/99
- Associate Principal Scientist, SA, PM USA, 06/28/93-03/01/97

As a scientist and PM executive, Dr. Solana has first-hand knowledge of research on smoking and health issues conducted or funded by the PM defendants, including PM's External Research Program, in which he played a major role. In addition, Dr. Solana has first-hand

knowledge of public positions taken, or public statements made, by PM defendants concerning smoking and health and addiction issues as well as company or industry knowledge contrary to such public statements or positions.

Sommers, Sheldon M.D. (US Fact Witness): Dr. Sheldon Sommers was associated with the Council for Tobacco Research ("CTR") for over twenty years. His involvement began as a Scientific Advisory Board ("SAB") member and culminated as Scientific Director of CTR. Dr. Sommers held the following positions with CTR:

- CTR SAB Member, 1966-1989 (Chairman 1970-1980)
- CTR Research Director 1969-1972
- CTR Scientific Director, 1981-1987

Dr. Sommers received both an undergraduate degree (1937) and a medical degree (1941) from Harvard University. He was a resident of clinical pathology at Henry Ford Hospital in Detroit, Michigan, from 1949-1950. Dr. Sommers served as a staff pathologist from 1950-1953 at Deaconess Hospital in Cambridge, Massachusetts, and then worked as Chief of the laboratory at Massachusetts Memorial hospitals until 1961. From 1961-1963 he served as a pathologist at Scripps Memorial Hospital in La Jolla, California. Between 1963 and 1968, he was the Associate Director and then Director of Pathology at Delafield Hospital. Sommers was later the Director of Laboratories at Lenox Hill Hospital from 1968-1981. From 1981-1987 Dr. Sommers served as the Scientific Director for CTR. In this role, he assisted professional staff and the SAB in selecting grantees, met regularly with CTR's scientific staff, and attended SAB meetings. As a member of the SAB, Dr. Sommers reviewed grant applications and selected grantees to be funded by CTR. Dr. Sommers also testified before Committees of Congress on smoking and health in his capacity as chairman of the SAB.

Sparrow, Kathy. (US Fact Witness): Ms. Sparrow is currently the Vice President of Sales for Lorillard. She joined the company in 1980 as a sales representative and has held positions as Assistant Division Manager, Area Training Manager, Division Manager, Manager Chain Accounts, Regional Sales Manager, and Director of Sales Planning.

Spears, Alexander. (US Fact Witness): Dr. Spears, who died in 2001, worked for Lorillard for more than 40 years after joining the company in 1959 as a research chemist. Spears held positions as Senior Research Chemist, Director of Basic Research, Director of Research and Development, Vice President for Research and Development, Senior Vice President for Operations and Research, Executive Vice President for Operations and Research, Vice Chairman and Chief Operating Officer, and Chairman and Chief Executive Officer from 1995 until his retirement in 2000.

During his time with the company, Dr. Spears was involved in virtually all aspects of the company's business, particularly research and public relations related to smoking and health issues, and as CEO, eventually oversaw Lorillard's operations. Dr. Spears also played an instrumental role in coordinated tobacco industry activity, working with numerous organizations and committees. He was Lorillard's representative on CTR's Board of Directors from 1989-2001, at which time he also served on Council for Tobacco Research's ("CTR") Executive Committee to the Board of Directors. In that role, he participated in CTR's research initiatives, which he acknowledged internally were selected for various purposes such as public relations, political relations and position for litigation. Dr. Spears was also involved in defendants' efforts to deny and distort the health effects of exposure to secondhand smoke, working as a member of the Tobacco Institute's ETS Advisory Group and a member of the Center for Indoor Air Research ("CIAR") Board of Directors from the date it was created by defendants in 1988 until 1998. Spears served as Chairman of CIAR's Board of Directors from 1991-1995 and again from 1997-1998.

Sprinkle, Robert S. III. (US Fact Witness): Before his death in 1999, Mr. Robert S. Sprinkle, III, worked for almost 38 years with the American Tobacco Company ("ATC") in research and quality assurance, before he was forcibly retired when Brown & Williamson Tobacco ("B&W") Company merged with ATC in 1995. After the merger, he served one year (1995-1996) as a consultant with B&W before retiring. During his long career with ATC he served in the following positions:

- Executive Vice-President of Research and Quality Assurance, late 1980s - Jan. 10, 1995
- Senior Vice-President of Research, late 1980s
- Vice-President of Research, late 1980s for 1-1/2 to 2 years
- Director of Research, mid 1980s - late 1980s
- Deputy Director of Research, about 1976 - mid 1980s
- Manufacturing Coordinator, early 1960s- about 1976
- Bench Chemist, Jan 1960-early 1960s
- U.S. Military, Jan 1958-Jan 1960
- Bench Chemist, June 1957-Jan 1958

During his employment with ATC, Mr. Sprinkle was involved in research, development, and quality control of cigarettes and was knowledgeable of the various methods utilized by ATC to measure and manipulate the nicotine content of cigarettes by such means as blending different tobaccos of known nicotine content and varying the porosity of the paper wrapping of the cigarette, in order to meet the nicotine content specified by ATC for each brand of cigarette. He was also knowledgeable regarding ATC's funding of research regarding nicotine at the Medical College of Virginia and at the Council for Tobacco Research.

Stevens, Arthur J. (US Fact Witness): Mr. Stevens was General Counsel for Lorillard from March 1969 to his retirement from the company in January 2000. From January 2000 through July 2001, Mr. Stevens was a paid consultant to Lorillard. During his over 30 years as the chief legal officer for the company, Mr. Stevens held the positions of General Counsel, Vice President, Senior Vice President, and Senior Advisor. In addition to advising the company's officers on all legal matters, Mr. Stevens was in charge of the company's external affairs and government relations, and supervised a number of assistant general counsel within the legal department. Mr. Stevens was the Lorillard representative at the Tobacco Institute at various times during his career, serving as a member of the Committee of Counsel, a member of the board of directors, a member of the executive committee, and a member of various smaller committees including the State Activities Policy Committee and the Communications Committee. With respect to the Council for Tobacco Research ("CTR"), Mr. Stevens was a CTR Director from 1979 – 1984 and the Lorillard point of contact with the outside law firms (including Shook, Hardy & Bacon and Jacob & Medinger) who proposed and managed CTR Special Projects for the cigarette manufacturers. Mr. Stevens was the Lorillard point of contact with respect to non-CTR Special Projects as well. As general counsel, he reported only to the president and CEO of the company.

Strawsburg, Stephen. (US Fact Witness): Mr. Strawsburg, an R.J. Reynolds employee, was named Vice President of Public Issues in May of 1999. His primary duties are to implement, execute, and develop youth nonsmoking programs for R. J. Reynolds Tobacco Company. Prior to holding that position, he was Senior Director of Public Affairs for R.J. Reynolds. He has been identified by R.J. Reynolds in this case as an employee knowledgeable about matters relating to the Master Settlement Agreement.

Suber, Robert. (US Fact Witness): Dr. Suber, Sr. is a regulatory toxicologist who worked for R.J. Reynolds Tobacco Company from October, 1984 until February, 2001. As part of the Research and Development Department, he worked, initially as a manager of scientific affairs and left RJR as Vice President of Product Integrity and Regulatory Affairs, charged with evaluating potential health effects of cigarettes and tobacco. Among the issues he dealt with during his tenure, Dr. Suber recognized that environmental tobacco smoke would become a significant public health issue. In accordance therewith, he, together with Dr. Anthony Colucci, another R.J. Reynolds Tobacco Company scientist, proposed the idea to establish an industry wide and cross-industry organization to study indoor air quality – an idea that eventually evolved into the Center For Indoor Air Research ("CIAR"). Dr. Suber represented Reynolds on the board of CIAR. Currently (as of the time of his 2002 deposition), Dr. Suber does part-time consulting in the biotech and pharmaceutical industries, but is retired from the tobacco industry.

Szymanczyk, Michael. (US Fact Witness): Mr. Szymanczyk came to Philip Morris in

1990 after working in a variety of other sales and management positions at Proctor & Gamble and Kraft Foods. He joined Philip Morris as the Senior Vice President of Sales and rose to the position of President and Chief Executive Officer in 1997, a position that he held until April, 2002. His positions at PM included the following:

- Chairman (04/25/2002-present)
- President and Chief Executive Officer (11/1/1997-04/24/2002)
- Chief Operating Officer (07/01/1997-10/31/1997)
- Executive Vice President of Marketing and Sales (12/1994-07/01/1997)
- Senior Vice President of Sales (10/1990-12/1994)

His positions outside of PM include the following:

- Swift Eckrich (1989-1990)
- Kraft Foods, Vice President Sales (1988-1989)
- Proctor & Gamble, Sales and Management positions (1971-12/1987)

During his time at Philip Morris, Mr. Szymanczyk was involved in a variety of aspects of the company's business. When he joined the company as a Senior Vice President, he was responsible for the company's large sales organization. In 1997, he became the Chief Operating Officer, in charge primarily of sales, marketing, and operations. As the President and CEO, Mr. Szymanczyk was in charge of the overall operation and management of Philip Morris. He was serving in this position when Philip Morris entered into the Master Settlement Agreement in November, 1998 and since that time was responsible for overseeing Philip Morris's compliance with the provisions of the Master Settlement Agreement. In his current position as Chairman, Mr. Szymanczyk's responsibility is focused in the areas of harm reduction and leadership development.

Taylor, James. (US Fact Witness): Mr. Taylor is the Executive Vice President for Liggett Vector Brands. His prior employment at Liggett:

- September 2001 - April 2002: Vice President for Marketing, Vector Tobacco
  Prior to his employment at Vector Tobacco, Taylor was:
- President of eYak, Internet Services Division (April 2000-September 2001),
- Vice President of Marketing for Dannon, Groupe Danone (November 1998-April 2000),
- Vice President of International Marketing, LaBatt Breweries of Canada (November 1996-October 1998),
- Group Director, Miller Brewing, at that time a subsidiary of Philip Morris Companies (July 1994 - October 1996),

- Category Manager for Marlboro, Philip Morris USA (1988-1994),
- Group Brand Manager for Philip Morris Korea, Inc, Philip Morris International (1986-1988),
- Brand Manager of Marlboro and Black & White, Philip Morris Australia Ltd. (1984-1986)

In his current position as an executive at Liggett Vector Brand , Taylor supervises the sales and marketing of the brands for Liggett Group Inc and Vector Tobacco. Such responsibilities include advertising, merchandising and promotions, as well as efforts undertaken by Liggett Vector Brand and Vector Tobacco to comply with the Master Settlement Agreement.

Teitelbaum, Shari. (US Fact Witness): Ms. Teitelbaum is the Director of Marketing and Sales Decision Support at Philip Morris. She joined Philip Morris in 1985 as an Analyst in the business planning department and was later promoted to Senior Analyst. She has worked in the consumer research department as a Senior Analyst, Manager, and finally the Director. She also held the position of Manager of Other Premium Brand Research - which included the following brands Merit, Parliament Virginia Slims, and Benson & Hedges.

Telford, George. (US Fact Witness): Mr. Telford has been Vice President of Brand Marketing for Lorillard since 1990. Prior to that position, he served as Group Brand Director in the Marketing Department, Brand Manager of the True brand, Brand Manager of new product development, Assistant Brand Manager of the Max Slim Lights brand, and Assistant Brand Manager of the Kent brand.

Tisch, Andrew. (US Fact Witness): Mr. Tisch was the chief executive officer of Defendant Lorillard from 1989 to 1995. In April 1994, Tisch appeared and testified before the House Subcommittee on Health and the Environment (the "Waxman Committee"), where he denied on behalf of Lorillard that cigarettes were addictive and that Lorillard manipulated nicotine content in its products. While Lorillard CEO, Mr. Tisch also sat on the Executive Committee of the Tobacco Institute. Mr. Tisch previously worked in the Lorillard marketing department as Assistant Brand Manager and Brand Manager from 1971 to 1975, when he was responsible for the marketing of such brands as Kent Golden Lights and Maverick.

Mr. Tisch is currently chairman of the management committee for Loews Corporation, a holding company that owns Lorillard's parent company Lorillard Incorporated. Tisch has held various executive-level positions within the Loews Corporation and its other subsidiary companies.

Tredennick, Donald. (US Fact Witness): Mr. Tredennick is a former employee of R.J.

Reynolds. He joined the tobacco company in approximately 1972, stayed until1980 and was Manager of Consumer Research, familiar with R.J. Reynolds's marketing research policies and practices.

Uydess, Ian L. (US Fact Witness): For over 21 years, Ian Uydess, a scientist who had completed a post doctoral fellowship, worked for Philip Morris in research. He rose to become senior scientist in research and development. During his career at Philip Morris, he served in the following positions:

- Research Scientist, Biomaterials Science (1977-1981)
- Philip Morris USA Inc. Associate Senior Scientist (1982-1989), Philip Morris USA Inc.

Mr. Uydess left Philip Morris in 1989 because Philip Morris was not seriously interested in making a safer cigarette. He presently works as the Manager of Training & Safety, Laboratory Division of Pharmaco International, Inc. (1993-).

Wakeham, Helmut R. (US Fact Witness): Mr. Wakeham worked in R&D in various positions beginning in the 1960's, becoming Senior Vice President in Research and Development in 1980. During his career at Philip Morris, Mr. Wakeham served in the following positions:

- Senior Vice President, Research & Development, Tobacco Technology Group, Philip Morris Incorporated (01/1980-09/1981)
- Vice President, Research & Development, Tobacco Technology Group, Philip Morris Incorporated (1979-01/1980)
- Vice President, Science & Technology, Philip Morris Incorporated (1975-1978)
- Vice President, Research & Development, Philip Morris Incorporated (1968-1974)
- Vice President, Corporate Research and Development, Philip Morris USA Inc. (1961-1965)

Since leaving Philip Morris, Mr Wakeham has served as a consultant to the Tobacco Technology Group at Philip Morris Incorporated (09/1981-1997+).

Ward, Mary. (US Fact Witness): Ms. Ward is the Senior Counsel for Research & Development at RJR, a position she has held since 1995. Before being promoted, Ms. Ward was Associate General Counsel at R.J.Reynolds, where she has worked since 1985.

Ms. Ward has, among other projects at R.J. Reynolds, participated in the ETS expert witness project, designed to review epidemiological principals and positions, and was involved

with the Tobacco Institute ETS Advisory Group, which was not organized by the Tobacco Institute group, rather was a group with representatives from four tobacco companies (R.J. Reynolds, Philip Morris, Lorillard, and Brown & Williamson), who recommended scientific projects and research regarding environmental tobacco smoke for funding. The group also included scientists and members of the Tobacco Institute. Ms. Ward was intimately involved in recommending funding for science at R.J. Reynolds, as well as formulating public statements about smoking and health.

Prior to her employment at R. J. Reynolds, Ms. Ward worked at House Blanco Randolph & Osborn, a Winston-Salem law firm.

Watkins, Michael. (US Fact Witness): Dr. Watkins, a Ph.D. physicist in the area of non-destructive evaluation. Dr. Watkins worked at Philip Morris USA for 15 years from 1987-2002 in the following positions.

- Senior Research Scientist and Project Leader, Banded Paper Program (1999-2002)
- Research Scientist and Project Leader, New Technology Development (1996-1999)
- Associate Research Scientist, New Business Development (1995-1996)
- Scientist (1989-1995)
- Associate Scientist (1987-1989)

Prior to working at Philip Morris, Dr. Watkins was a College Instructor of Physics at Columbus College in Georgia from 1985-1986.

At Philip Morris, Dr. Watkins' work included research on Philip Morris's Banded Paper Program, a project to reduce the ignition propensity of cigarettes. Dr. Watkins worked to develop improved tests to measure the ignition propensity of cigarettes, and to research the cause of coal drop-off, a phenomenon found to occur with greater frequency in Philip Morris's cigarettes using the "banded paper" design that was developed to reduce the likelihood that a lit cigarette will cause a fire. That research was ongoing when Dr. Watkins was fired by Philip Morris in January 2002.

Watson, Steven Craig. (US Fact Witness): Mr. Watson is currently the Vice-President – External Affairs at Lorillard Tobacco Company, a position he has held since July 5, 2000. In his position, Mr. Watson is in charge of Lorillard's youth smoking prevention program and is the final decision-maker for the content of Lorillard's youth smoking initiatives, despite the absence of any prior experience with public health or risk perception, or with the design or implementation of programs for youth. Mr. Watson serves as Lorillard's main spokesperson and oversees Lorillard's media relations and external communications. Mr. Watson is also

responsible for the content of Lorillard's websites, and oversees all of Lorillard's federal and state government affairs. Before joining Lorillard in 2000, Mr. Watson held the following positions:

- 1983 - 1984 Campaign staff, Reagan-Bush reelection campaign
- 1988 Campaign staff, Bush-Quayle presidential campaign
- 1990 - 1993 Premier Communications (lobbying and grassroots campaign consulting)
- 1993 - 1995 Empower America (lobbying and grassroots campaign consulting)
- 1995 - 1996 National Political Director, Lamar Alexander presidential campaign
- 1996 - 2000 Vice-President of Broadcasting and Communications, Miami Heat basketball team

Weinstein, Neil Ph.D. (US Expert Witness): Dr. Neil Weinstein has been a Professor in the Department of Human Ecology at Cook College, Rutgers University since 1987. He served as the Chair of the Department of Human Ecology from 1994-1997. Dr. Weinstein was an Associate Professor from 1980 to 1987, and an Assistant Professor from 1974 to 1980. Dr. Weinstein is also a Visiting Scholar in the Behavioral Research Program at the National Cancer Institute in Bethesda, Maryland. Dr. Weinstein's research in health psychology and applied social psychology includes studies of individual responses to health and safety risks, including both natural and man-made hazards, with an emphasis on risk perception, risk communication, and health-protective behavior. Dr. Weinstein is a leader in the field of risk perception. Dr. Weinstein authored a chapter in the National Cancer Institute's Monograph 13, Risks Associated with Smoking Cigarettes with Low Machine-Measured Yields of Tar and Nicotine, entitled, *Public Understanding of Risk and Reasons for Smoking Low-Yield Products* (2001). Dr. Weinstein is a member of the American Psychological Association, the Society for Risk Analysis, the Society of Behavioral Medicine, the European Society for Health Psychology, and the Society for Personality and Social Psychology. Dr. Weinstein has written extensively in the area of judgment and risk perception. Dr. Weinstein received his Ph.D. in Chemical Physics from Harvard University in 1972 and was a National Institute of Mental Health Postdoctoral Fellow in the Department of Psychology at the University of California, Berkeley from 1972-1974.

Weitzman, Michael M.D. (US Expert Witness): Dr. Weitzman received his B.A. from Brooklyn College in 1968 and his medical degree from the State University of New York, University Medical Center in 1972. He is licensed to practice medicine in the States of New York and Massachusetts and has been board certified in Pediatrics since 1978.

Dr. Weitzman has spent his entire career on promoting and improving the health of children. Dr. Weitzman is a Professor of Pediatrics at the University of Rochester School of

Medicine. He also currently serves as the Executive Director of the American Academy of Pediatrics' Center for Child Health Research, a position he has held since 1999. The Center is an independently operated branch of the American Academy of Pediatrics, a professional organization of pediatricians dedicated to funding and conducting groundbreaking research into children's health issues. Under Dr. Weitzman's leadership and supervision, the Center has conducted research on issues such as tobacco and kids (namely, the reduction of Environmental Tobacco Smoke exposure and the identification of smoking parents in an effort to reduce smoking rates), minority children health issues, children's mental disabilities and disorders, and the improvement of childcare environments in an effort to prevent disease and promote health.

During his career, Dr. Weitzman has published dozens of articles and book chapters, all of which relate to critical pediatric health issues. His articles have appeared in journals such as the Journal of the American Medical Association, Lancet, Pediatrics, the Journal of Adolescent Health Care, and the Archives of Pediatrics and Adolescent Medicine.

Before this case, Dr. Weitzman had served as an expert witness in several lead paint exposure lawsuits. In each case, he testified on behalf of the plaintiff child on the issue of the exposure of children to excessive levels of lead in paints in their homes.

Wells, J. Kendrick III. (US Fact Witness): Kendrick Wells was a long-time in-house counsel for Brown & Williamson until his retirement in 2001. The various legal positions held by Mr. Wells at Brown & Williamson included the following:

- 1972-1980 Staff Attorney
- 1980-1986 Corporate Counsel
- 1986-2001 Assistant General Counsel for Product Litigation

Throughout much of his career, Mr. Wells was involved in representing Brown & Williamson in smoking and health litigation. In this capacity, and despite a lack of scientific education or training, Mr. Wells would edit scientific documents. He also advised the company on how it could protect "sensitive" documents from being produced in smoking and health litigation, including marking the documents as attorney-client privileged material and keeping documents outside of the United States.

Wessel, Paul. (US Fact Witness): Mr. Wessel is the current Divisional Vice-President at Brown & Williamson in Charge of Value for Money Premium Niche Brand and New Products Departments. He has extensive knowledge of, and involvement with, Brown & Williamson's cigarette marketing polices and practices, including Brown & Williamson's efforts pertaining to the development of a less hazardous cigarette. He has been with Brown & Williamson since 1978. During his career at Brown & Williamson, Mr. Wessel has served in the following

positions:

- Brand Assistant in the Kool New Products Area
- Assistant Brand Manager for Kool
- Brand Manger, New Products
- Senior Brand Manager, New Products
- Group Product Director, New Products
- Director of Global Sponsorship and Trademark Diversification
- Deputy General Manager and Marketing Director for Brown & Williamson in Japan
- Head of Kent & Lucky Strike, International Brands Group
- Director of Trade Marketing Development
- Area Vice President, Trade Marketing Department.

Whidby, Jerry Frank. (US Fact Witness): Mr. Whidby is currently employed by Philip Morris USA as a Consultant, testifying for Philip Morris USA in litigation while continuing to work on some of the projects from his prior employment at Philip Morris USA, including those relating to ignition propensity, non-conventional cigarettes and the measurement of smoke constituents. His previous employment with Philip Morris USA includes:

- Research Fellow, Technology Assessment, Philip Morris USA (09/01/1993-06/01/1998)
- Director, Basic Research, Philip Morris USA (02/01/1991-09/01/1993)
- Manager, Physical Residual Division, Philip Morris USA (07/01/1987-02/01/1991)
- Manager, Biomaterials Scientific Division, Philip Morris USA (04/01/1981-07/01/1987)
- Senior Scientist, Philip Morris USA (01/30/1981-04/01/1981)
- Senior Professional, Philip Morris USA (10/01/1978-01/30/1981)
- Research Professional B, Philip Morris USA (12/06/1974-10/01/1978)
- Associate Professional, Philip Morris USA (07/17/1972-12/06/1974)

Wigand, Jeffrey Ph.D. (US Fact Witness): Dr. Jeffrey Wigand has an M.S. in biochemistry and a Ph.D. in endocrinology and biochemistry from the University of Buffalo. In 1989 he was recruited by Brown & Williamson to become Vice President of Research & Development. Despite promises before he was hired that he would be given the opportunity to direct research to develop a less hazardous cigarette product, Dr. Wigand was never permitted to pursue that research. Throughout his tenure at Brown & Williamson, Dr. Wigand frequently butted heads with Brown & Williamson's Chief Executive Officer, Tommy Sandefur, over the issues of less hazardous research and Mr. Sandefur's orders that scientific documents from other

BAT group companies not be shared with Dr. Wigand and the other American scientists. Mr. Sandefur fired Dr. Wigand in 1993.

Williams, Jonnie R. (US Fact Witness): Mr. Williams has served as Star Scientific Inc's Chief Executive Officer since November 1999 and Director since 1998. Mr. Williams was one of the founders of Star Tobacco Inc. and held the positions of Chief Operating Officer and Executive Vice President of that company until July 1999. Mr. Williams invented the StarCured TM tobacco curing process. Over a ten year period, Mr. Williams served as either a major shareholder or co-founder of LaserSight, LaserVision and VISX. Mr. Williams is a co-owner of Regent Court Technologies, LLC and is a principal in Jonnie Williams Venture Capital Corporation.

Woods, John. (US Fact Witness): Dr. Woods has been employed as Director of Product Development and Quality Assurance at Vector Tobacco since 2001. He received a Ph.D. in physical chemistry from Duke University. His employment history:

- 1992 - 2001: Director of Research, Liggett Group

Prior to his employment at Liggett and Vector Tobacco, R.J. Reynolds employed Dr. Woods as a research chemist, a group leader, then a master scientist. His current responsibilities as Director of Product Development and Quality Assurance for Vector Tobacco include developing new products and assuring that the manufactured product is as specified in the development phase. In that capacity, Dr. Woods has been responsible for selecting the materials for cigarettes which feature reduced nicotine or reduced carcinogens (Quest and Omni, respectively). He is responsible for directing the design of cigarettes, including the primary construction of the cigarette. This includes developing the tobacco blend, the flavoring system, and preparing the product for testing. Furthermore, he is also responsible for determining the use of dilution holes, the selection of paper, and the use of filters.

Wulchin, Gregory A. (US Fact Witness): Mr. Wulchin worked for ACVA Atlantic, later known as Healthy Buildings International (collectively referred to at "HBI") as a field technician from 1988 through 1993. Mr. Wulchin, as a field technician, was responsible for traveling to job sites, collecting the data, and returning the information to HBI. He did not write final reports, as those were written by Gray Robertson or Peter Binnie, Simon Turner, and John Maderis. Mr. Wulchin believed that HBI's equipment, which included the piezo-balance machine, the particulate counter, and the carbon monoxide machine, was not used to their full potential and that the ACVA filters involved by HBI in buildings were useless. He participated in the Swiss study and understood that it was their job to show that secondhand smoke was not a problem in the buildings at issue. This study, as well as others, were paid for by TI or Philip Morris. Technicians were advised to always focus and recommend ventilation as being the key

to indoor air quality. Mr. Wulchin will testify that HBI routinely altered his reports regarding ETS from unacceptable levels to acceptable levels. For example, with regard to a study of the Imperial Bank Building in San Diego, California, Wulchin examined eight of his field reports and found that false, nonsensical entries had been made by Gray Robertson. The readings of two of his field reports demonstrated unacceptably high levels of particulates from cigarette smoking in rooms where there was good ventilation. Specifically, Robertson changed the particulate measurement that Wulchin made regarding a specific sample from 150 to 75. While reviewing other reports for the Subcommittee on Health and the Environment, he found that HBI altered the results of other field measurements made by him.

- Will testify that HBI stressed that field staff should focus on ventilation and that ETS could be eliminated by good ventilation practices, even though such an assertion was at odds with inspections he performed by HBI.

Wyant, Timothy, Ph.D. (US Expert Witness): Dr. Wyant is the testifying member of a blue ribbon health care modeling team that included Scott L. Zeger, Ph.D., Professor and Chair of the Department of Biostatistics, Johns Hopkins University, Bloomberg School of Public Health, and Dr. Leonard S. Miller, Ph. D., Professor, School of Public Welfare, University of California - Berkeley. Since 1988 he has served as the President of Decipher. Previous positions have included:

- Vice President, Econometric Research Inc., 1981-1988
- Aurelia Associates, 1979 - 1981
- Statistician, U.S. Geological Survey, 1976-1979

He received his B.A. in Mathematics from Oberlin College in 1970 and his Ph.D. in Biostatistics, from Johns Hopkins University, Bloomberg School of Public Health in 1979.

Zahn, Leonard. (US Fact Witness): Mr. Zahn, worked for almost 40 years as public relations consultant to Tobacco Industry Research Committee ("TIRC") and the Council for Tobacco Research ("CTR"). During those years he held the following positions:

- 1955-1964 Employee of Hill and Knowlton, public relations advisor to TIRC
- 1964-1969 Employee of Hill and Knowlton, public relations advisor to CTR
- 1969-1994 Public relations advisor to CTR

Mr. Zahn attended the Boston Latin School and then served in the U.S. army from 1942-1946. After college at the University of Massachusetts, Leonard Zahn worked as a correspondent, followed by night manager for United Press. Zahn then joined Byoir & Associates, a public relations agency. He joined Hill and Knowlton in 1955 and retired in 1969.

In 1969 Leonard Zahn began his own public relations firm with his wife, Zahn and Associates, Inc. Zahn's primary client was CTR until his retirement in 1994. During his time with CTR, Zahn attended SAB meetings, organized press conferences, prepared articles, and drafted press releases, public statements and the annual reports for CTR. Zahn also served as a liaison between CTR and the Tobacco Institute and spoke at the Tobacco Institute's College of Tobacco Knowledge. In 1979 Zahn participated in the International Committee on Smoking Issues ("ICOSI") Task Force covering the Fourth World Conference on Smoking and Health as a scientific journalist consultant for Philip Morris.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
1	Abood	Leo G.	Scientific Advisory Board Member, Council for Tobacco Research (1992-1998) Professor of Biochemistry & Brian Research, Department of Pharmacology, University of Rochester Medical Center (1975-1978); Philip Morris Consultant. Received CTR Grant Funds.
2	Ackerman	Lauren	Industry Consultant received Special 4 Account and CTR Special Project Funding 1965-1966. Washington University; Institutional Grantee to research the immunologic aspects of cancer and funded by Brown & Williamson, Liggett, Lorillard, Philip Morris, R.J. Reynolds, and United States Tobacco from 1971 through 1987+. Joint Industry Researcher.
3	Adams	Hall	Leo Burnett Co., Inc., approx. 1994-1996.
4	Adams	Thomas R.	Senior VP/Controller for RJRT Holdings, Inc. from approximately 1999-2004.
5	Adlkofer	Franz	Verband der Cigarettenindustrie - Industry Consultant (Germany) (approx 1975-1997) Participated in ETS Consultancy Program in Europe.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
6	Ahrensfeld	Thomas F.	Attorney: Former Tobacco Institute Vice Chairman Executive Committee, Philip Morris Incorporated (1986-1987); Director, Philip Morris Companies (1986); Senior Vice President and General Counsel, Philip Morris Companies (1985-1988); Tobacco Institute Executive Committee Member, Philip Morris Incorporated (1984-1987); Tobacco Institute Board of Directors, Philip Morris Incorporated (1984-1986); Council for Tobacco Research Board of Directors (1978-1984); Tobacco Institute Committee of Counsel, Philip Morris Incorporated (1977); Senior Vice President, Philip Morris (1976-1985); General Counsel, Philip Morris Incorporated (1970-1987); Vice President, Philip Morris Incorporated (1970-1975); Assistant to President, Philip Morris Incorporated (1964-1965); Secretary, Philip Morris (1959-1970); Associate General Counsel, Philip Morris Incorporated (1959-1969); Conboy, Hewitt, O'Brien & Boardman (1948-1959); Retired General Counsel, Philip Morris Companies The Tobacco Institute Committee of Counsel 1975-1978, Chairman-1980; Council for Tobacco Research, Directors 1978-1988.
7	Allen	George V.	Ambassador; Chairman, Tobacco Institute (1962, 1964-1966); President & Executive Director, Tobacco Institute (1961-1966).

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
8	Allinder	William	Attorney, Shook, Hardy & Bacon, (approx. 1988-2004) Counsel to Philip Morris, Inc. ("Philip Morris"), Brown & Williamson Tobacco Co. ("B&W"), Lorillard Tobacco Co. ("Lorillard").
9	Anderson	Murray	1988 - 2001 BAT (China) - Affiliate Counsel, Assistant Secretary (Baker & McKenzie) 1995 - 1997 BATCo - Assistant Secretary.
10	Andervont	Howard B.	(deceased). Scientific Editor of "The Journal of the National Cancer Institute" (1970-1974); Council for Tobacco Research Scientific Advisory Board (1964-1966, 1970-1974).
11	Appleton	Scott	Director, Scientific Research and Regulatory Affairs, Brown & Williamson (_-1993+); Manager, Scientific & Regulatory Affairs, Brown & Williamson (_-1993); former R.J. Reynolds Toxicologist CIAR Board of Directors- 1996-1998.
12	Armitage	Alan	Head Pharmacologist at TRC, (UK); Council for Tobacco Research Grantee 1978-1979 Industry Consultant and member of ARIA.
13	Ashworth	John	American Tobacco's R&D Department (approx. 1961-1980).
14	Auerbach	Dr. Oscar	Anatomical Pathologist; Research Scientist VA Hospital, E. Orange, NJ (approx. 1957-1979).

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
15	Austern	H. Thomas	Attorney: Committee of Counsel, Tobacco Institute (1972-1977, 1979, 1982-1984); Chairman, Legal Affairs Committee, Tobacco Institute (1961); Industry Counsel, Tobacco Institute (1958, 1961, 1964-1969, 1971, 1974-1975, 1977-1978, 1982-1983); Covington & Burling (1958-1980).
16	Austin	Kenneth	Director of LRD, Lorillard (1955-1971); TIRC/CTR-Director, Literature Research-performed research for industry while holding this position through CTR Special Projects. Liggett Consultant.
17	Ave	J. Robert	Chief Executive Officer and President, Lorillard (05/1989-12/1988); Council for Tobacco Research Director (1985-1989) Tobacco Institute Executive Committee Member, Lorillard (1986-1987); President & Chief Executive Officer, Lorillard (08/1985-05/1989); Tobacco Institute Chairman Communications Committee, Lorillard (1981-1982); Executive Vice President Marketing, Lorillard (1979-1983); Senior Vice President Marketing, Lorillard (1977-1979); Tobacco Institute Communications Committee Member, Lorillard (1973-1983); Retired, President and Chief Executive Officer, Lorillard.
18	Aviado	Domingo M.	President Pharmacologist, Atmospheric Health Sciences, USA. Industry Consultant received Special 4 Account funding and Council for Tobacco Special Projects funds Joint Industry Researcher. Received funding from the industry from at least 1972 through the late 1980's.

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	Last Name	First Name	Current Positions and Work Histories
19	Ayers-Koller	Deborah	Associate Principle Scientist, Philip Morris USA Inc. - (approx. 2001+) Senior Research Scientist, Philip Morris USA Inc.; Research Scientist, Technology Assessment, Philip Morris USA Inc. (_- 04/1994).
20	Ayres	C. Ian	1959 - 1994;1998 BATCo - Research Advisor.
21	Baber	Clinton	Larus & Co., Inc.; ITC Original Member (1954).
22	Bacon	D.J.	8/27/96-current-BATCo - Head of Corporate Communications; 1/1/93 1992 BATCo - Head of Corporate Affairs W.D. & H.O. Wills - Corporate Affairs; 11/12/90 BATCo -Head of Public Affairs; 8/1/89 4/1/88; BATCo - Manager, Corporate Affairs BATCo - Manager, Public Affairs TDC Board of Directors 1993.
23	Baker	Richard	3/1/94 - Current [2002] BATCo - R&D Planning Manager; 5/1/92 BATCo - Manager Technical Administration/ Planning; 4/1/90 BATCo - Manager, Fundamental Research Center; 1/1/87 BATCo - Research Manager; 9/20/71 BATCo - Joined Company.
24	Bantle	L.A.	U.S. Tobacco CTR Board of Directors 1971-1987.
25	Barnes	Midge	Marketing Development Department, RJR (approx. 1974-1987).

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	Last Name	First Name	Current Positions and Work Histories
26	Barrington	Martin J.	Attorney: Vice President and Associate General Counsel, Philip Morris Incorporated (01/01/2001-Present); Senior Vice President and General Counsel, Philip Morris Incorporated (01/01/1998 12/31/2000); Vice President & Deputy General Counsel, Philip Morris Management Corporation (05/01/1995-12/31/1997); Senior Assistant General Counsel - Patent, Philip Morris Management Corporation (05/01/1993-04/30/1995); Partner, Hunton & Williams (_-04/1993) Tobacco Institute Committee of Counsel 1998.
27	Bass	A. Judson	Former Vice President, Sales, Lorillard (1964); Tobacco Institute Public Relations Committee Member, Lorillard (1964); "Bass AJ".
28	Bates	William, Ph.D.	Board of Directors, Liggett (1964-1975); Director of Research, Liggett (1964-1975); Associate Director of Research, Liggett (1958-1964); Assistant Director of Research, Liggett (1953-1958) Industry Research Liaison Committee.
29	Bell	H.H., III	RJR In-House Attorney; Lorillard In-House Attorney (approx. 1998-2000+).

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	Last Name	First Name	Current Positions and Work Histories
30	Bellot	A.E.	Philip Morris International Vice President; Philip Morris Europe S.A., Executive Vice President of Area Management (1970-72+) EEMA Region, former PME Managing Director/ Coordinator (1965+).
31	Bennett	Ward B.	U.S. Tobacco, Council for Tobacco Research Board of Directors (1976-1979), ITC Original Member (1954).

	Last Name	First Name	Current Positions and Work Histories
32	Beran	Dave	Executive Vice President, Strategy, Communication & Consumer Contact, Philip Morris USA Inc. (09/01/2002-Present); Senior Vice President, Operations, Philip Morris USA Inc. (10/01/2000-08/31/2002); Senior Vice President, Planning & Information Systems, Philip Morris USA Inc. (02/01/1998-09/30/2000); Vice President, Marlboro Promotions, Philip Morris USA Inc. (05/01/1996-01/31/1998); Vice President, Discount Brands, Philip Morris USA Inc. (01/01/1995-4/30/1996); Vice President, Marketing Research & Planning, Philip Morris USA Inc. (12/01/1990-12/31/1994); Director, Research and Planning, Philip Morris USA Inc. (07/01/1989-11/30/1990); Director, Finance & Planning, Philip Morris USA Inc. (05/01/1987-06/30/1989); Assistant Controller, Professional Planning and Opinion, Philip Morris USA Inc. (11/01/1986-04/30/1987); Manager, Budgets, Finance Planning, Philip Morris USA Inc. (12/01/1985-10/31/1986); Manager, Cost Accounting, Philip Morris USA Inc. (06/01/1982-11/30/1985); Manager, Finance-Control Staff, Philip Morris USA Inc. (05/01/1980-05/31/1982); Supervisor, Leaf Accounting Business Development, Philip Morris USA Inc. (01/16/1980-04/30/1980); Accountant III, Philip Morris USA Inc. (09/01/1978-01/15/1980); Accountant, Senior Plant, Philip Morris USA Inc. (07/16/1978- 08/31/1978); Accountant, Plant II, Philip Morris USA Inc. (11/01/1977-07/15/1978); Accountant, Plant I, Philip Morris USA Inc. (06/01/1976-10/31/1977).

	Last Name	First Name	Current Positions and Work Histories
33	Berkson	Joseph	Special Account #4 Research (1978).
34	Bero	Lisa A.	Currently a Professor University California San Francisco, a pharmacologist with primary interests in how clinical and basic sciences are translated into clinical practice and health policy.
35	Bezanson	Thomas E.	1974 - Current [2001] Chadbourne & Parke - BATCo/BATUKE External Counsel; Attorney: Chadbourne, Parke, Whiteside & Wolff, Counsel for American Tobacco; Counsel for Council for Tobacco Research and the American Tobacco Company; L.S., Incorporated Board of Directors.
36	Bick	Rodger L.	Philip Morris Legal Consultant. Special 4 Account CTR Special Project Received industry funding from 1976 through at least 1992.
37	Bieva	Claude	Consultant for Philip Morris Companies Inc.-ETS & Oncology; (approx. 1984-1993) Toxicologist, Free University of Brussels; RAID Institute of Brussels Member of ARIA.
38	Bing	Richard L.	Council for Tobacco Research Scientific Advisory Board (1958-91); Special Account #4 (1982-83); Professor of Medicine, Washington University.
39	Bingham	Paul M.	1986-1987, 1992 - 1999 BATCo - Employee, Marketing/Planning/Intelligence, Manager 1995 B&W Information Director.

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	Last Name	First Name	Current Positions and Work Histories
40	Binnie	Peter	Healthy Building Institute Vice President. Consultant to Tobacco Institute and Philip Morris (approx. 1988-1992).
41	Binns	Dr. Richard R.	2/1/85 - 5/31/93 BATUKE - Manager, Group Research & Development Centre 3/1/81 BATCo - Research Manager 7/1/80 BATCo - Senior Research Scientist 7/1/76 BATCo - Senior Research Assistant 5/1/73 BATCo - Inhalation Toxicologist.
42	Blackman	Lionel C.F.	1980 - 1984 BATCo - Director 1979 BAT Services Ltd. - Affiliate Employee, R&D 1978 - 1980 BATCo - R&D Manager (Head of Research).
43	Blalock	John V.	British American Tobacco-United States Inc. (1981); Tobacco Institute Budget Committee, Brown & Williamson (1969, 1971-1977, 1979); Tobacco Institute Communications Committee, Brown & Williamson (1970-1979); Tobacco Institute Public Relations, Brown & Williamson (1962-1964); Director Public Relations, Brown & Williamson (1962-1975); Manager Public Relations, Brown & Williamson (1961-1962).
44	Blau	Theodore	Joint Industry Researcher-Expert on Addiction. Received Special Account 4 Funds from at least 1984-1987.
45	Blevins, Jr.	R.A.	Director of Marketing & Planning, RJR. Employed by RJR (approx. 1962-1991).

	Last Name	First Name	Current Positions and Work Histories
46	Blohm	Susan	Category Director, Marlboro, Philip Morris USA Inc. (03/01/1999-Present); Director, Fulfillment Operations, Philip Morris USA Inc. (07/01/1995-03/01/1999); Manager, Fulfillment Operations, Philip Morris USA Inc. (10/01/1994-07/01/1995); Manager, Sales Projects, Philip Morris USA Inc. (04/01/1993-10/01/1994); Supervisor, New Sales Technologies, Philip Morris USA Inc. (09/01/1991-04/01/1993); Senior Analyst, Sales, Philip Morris USA Inc. (08/01/1991- 09/01/1991); Senior Sales Analyst, Philip Morris USA Inc. (09/01/1990-08/01/1991); Field Analyst III, Philip Morris USA Inc. (05/15/1989-09/01/1990).
47	Blose	Irvin	Special Account #4 Research (1982).
48	Blott	R.A.	1983 Brown & Williamson - Senior V.P., Domestic Marketing - Affiliate Employee.
49	Borelli	Thomas J., PhD	Director of Science and Environmental Policy, Philip Morris Management Company (October 1992-); Director of Scientific Affairs, Philip Morris Management Company (_-10/1992); Director of Corporate Scientific Affairs (12/1990-_); Manager, Scientific Issues, Philip Morris Incorporated (08/1989-12/1990); Former Philip Morris Incorporated Spokesman on Science, Corporate Affairs Department, Philip Morris Incorporated Tobacco Institute TI ETS Coordinating Committee.

	Last Name	First Name	Current Positions and Work Histories
50	Bourlas	Manny C.	1996 Philip Morris - Joint Defense Employee, 1996 CORESTA - Industry Employee President, Science and Technology, Philip Morris Management Corporation (07/01/1994-2000); Vice President Environmental &. OPS Compliance, Philip Morris Corporate Services Incorporated (08/01/1993-07/01/1994); Vice President, Information Services, Philip Morris Products, Inc. (03/01/1992-08/01/1993); Vice President International OPS Services, Philip Morris Incorporated (03/1992-08/1993); Director, Research and Development, Philip Morris International (09/01/1987-02/28/1992); Director Operations Services, Research & Development, Philip Morris International (02/1986-08/31/1987); Vice Director, Research and Development, EU Region, Philip Morris International (10/01/1981-01/31/1986); Manager Analyst Division, Research and Development, Philip Morris Incorporated (11/01/1979-09/31/1981); Senior Professional, Philip Morris Incorporated (06/01/1979-11/01/1979); Research Professional B, Philip Morris Incorporated (12/06/1974-06/01/1979); Research Professional, Philip Morris Incorporated (07/01/1973-12/06/1974); Assistant Professional, Philip Morris Incorporated (06/16/1969-07/01/1973).

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	Last Name	First Name	Current Positions and Work Histories
51	Bowling	James ("Jim")	Tobacco Institute Board of Directors Executive Committee, Philip Morris (1980-1984); Tobacco Institute Board of Directors Member, Philip Morris (1980-1984); Assistant to Chairman of the Board, Philip Morris USA Inc. (1977-1983); Senior Vice President, Philip Morris USA Inc. (1976-1984); Tobacco Institute Communications Committee Chairman, Philip Morris USA Inc., (1976-1978); Vice President and Director of Corporate Affairs, Philip Morris USA Inc. (1974-1975); Tobacco Institute Communications Committee Member, Philip Morris USA Inc. (1970 thru, 1978 or 1980); Group Vice President-Marketing, Philip Morris USA Inc. (1967-1968); Vice President, Philip Morris USA Inc. (1966-1983); Vice President, Director of Sales & Corporate Relations, Philip Morris USA Inc. (1964-1965); Vice President, Philip Morris USA Inc. (1964); Tobacco Institute Budget Committee Member, Philip Morris USA Inc. (1961, 1963-1964, 1967, 1972-1977, 1979); Chairman Tobacco Institute Public Relations Committee, Philip Morris USA Inc. (1960-1964); Director of Public Relations, Philip Morris USA Inc. (1957-1962); Retired 1984.
52	Brady	J. Morrison	Council for Tobacco Research, Associate Scientific Director (1960-1973).

	Last Name	First Name	Current Positions and Work Histories
53	Brennan-Lund	Nancy	Senior Vice President, Marketing, Philip Morris Incorporated (04/01/1999-Present); Group Vice President, Marlboro & New Products, Philip Morris Incorporated (07/01/1995-03/31/1999); Vice President, Marlboro, Philip Morris Incorporated (01/01/1992/06/30/1995); Group Director, Marlboro, Philip Morris Incorporated (04/01/1988-12/31/1991); Brand Manager, Marlboro, Philip Morris Incorporated (04/01/1986-03/31/1988); Brand Manager, Merit, Philip Morris Incorporated (04/01/1985-03/31/0986).
54	Bresnahan	John J.	Lorillard, Vice President of Advertising and Marketing Brand Management; (approx. 1970-1975) Brown & Williamson, Media Manager (approx. 1963-1970).
55	Bring	Murray	Attorney: Retired (02/2000); Former Director, Council for Tobacco Research (1988-1992) Vice Chairman, External Affairs and General Counsel, Board of Directors, Philip Morris (03/1997-1/31/2000); Executive Vice President, External Affairs and General Counsel, Philip Morris Companies, Inc.(08/1994-04/1995); Senior Vice President & General Counsel, Philip Morris Companies (07/1988-08/1994); Associate General Counsel, Philip Morris (01/1988-07/1988); Senior Partner, Arnold & Porter (02/27/57-1988); Tobacco Institute Committee of Counsel (1985).
56	Brinkley	Carolyn G.	Manager, Public Affairs, R.J. Reynolds 1992-2000+.

	Last Name	First Name	Current Positions and Work Histories
57	Brooks	Bradley	1988 - 1990 Philip Morris - Joint Defense Counsel; Attorney: Assistant General Counsel, Philip Morris International, Philip Morris Management Corporation (11/01/1990-Present); Senior Assistant General Counsel, Philip Morris International (03/01/1989-10/31/1990); Director, Counsel, Philip Morris Europe, EEC Overseas, Philip Morris International (09/1979-02/29/1989).
58	Brooks	G.O.	11/1/88 - Current [2001] BATCo - Senior Leaf Executive, Blending 7/26/86 BATCo - Research & Product Development 1/1/82 BATCo - Technical Manager 11/1/80 BATCo - Product Planning Manager (Operation Thames) 7/1/79 BATCo - Assistant Product Development Advisor 2/1/78 BATCo - Research Scientist 10/1/74 BATCo - Chemical Assistant 1/9/67.
59	Brotman	Richard	Joint Industry Funded Legal Consultant, Special 5 Account. Received industry funds from at least 1981-1985.
60	Broughan	Martin	Retired 4/04 1994 - 2004 B.A.T Industries p.l.c. - Affiliate Employee, Chief Executive Officer 1985 Eagle Star Group - Affiliate Employee, Finance Director (on secondment from B.A.T Industries p.l.c.) 1984 Souza Cruz - Affiliate Employee, Finance Director.
61	Browder	Ann	Spokesperson; Assistant to the President, T.I. (approx. 1976-1985).

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	Last Name	First Name	Current Positions and Work Histories
62	Brown	Janet C.	Attorney: Chadbourne, Parke, Whiteside & Wolf; Counsel for Council for Tobacco Research and American Tobacco Company (1954-01/1990); Council for Tobacco Research Director (1978-1991).
63	Bruell	E.A.A.	1968-2000 BATUKE (Brazil)/BATCo - Chairman INFOTAB Board of Directors 1983-1984.
64	Bryant	H. DeBaun	Attorney: Director, Council for Tobacco Research (1978-1979); Chairman, Tobacco Institute Pension Committee, Brown & Williamson (1973-1977, 1979); Tobacco Institute Committee of Counsel Member, Brown & Williamson (1972-1976); Vice President, General Counsel, Brown & Williamson (1971-1979); General Counsel, Brown & Williamson (1970-1972); Senior Counsel, Brown & Williamson (1968-1970); Number 3-Law, Brown & Williamson (1959-1968); Associate Counsel, Brown & Williamson (1954-1968).
65	Bunch	John	Liggett Group Scientist, Fire-safe issues. Early 1990's.
66	Burke	Arthur W.	American Brands Employee (approx. 1959-1972).
67	Burke	F. Anthony	B&W Assistant General Counsel, Litigation. Tobacco Institute Committee of Counsel (1998).

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	Last Name	First Name	Current Positions and Work Histories
68	Burney	Leroy	U.S. Surgeon General 1957 - 1961, was the first federal official to link smoking and cancer. In a nationally televised news conference in July 1957, Dr. Burney identified cigarette smoking as a cause of lung cancer.
69	Burnley	Harold G., Jr.	Vice President, Operations Planning, Philip Morris Incorporated (05/01/1998-Present); Vice President, Engineering and Operational Technical Services, Philip Morris Incorporated (02/01/1998-01/01/1998); Vice President, Process Development, Philip Morris Incorporated (07/01/1996-02/01/0998); Director, Process Development, Philip Morris Incorporated (10/01/1989-07/01/1996); Director, Process & Project Engineering, Philip Morris Incorporated (04/01/1985-10/01/1989); Chief Engineer, Process, Philip Morris Incorporated (04/01/1981-04/01/1985); Manager, Process Engineer, Philip Morris Incorporated (03/01/1978-04/01/1981); Staff Engineer, Philip Morris Incorporated (02/21/1977-03/01/1978); Supervisor, Philip Morris Incorporated (09/16/1975-02/21/1977); Senior Engineer, Process Central Systems, Philip Morris Incorporated (12/06/1974-09/16/1975); Systems Engineer, Philip Morris Incorporated (09/17/1973-12/06/1974).
70	Califano	Joseph A., Jr.	United States Secretary of Health, Education and Welfare from 1977 to 1979.
71	Campbell-Johnson	Alan	Tobacco Advisory Council - Tobacco Manufacturers' Standing Committee Public Relations Consultant, 1960's.

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	Last Name	First Name	Current Positions and Work Histories
72	Cantrell	D.V.	Brown & Williamson - Affiliate Employee, 1999 - 2001 "Cantrell, Dan".
73	Carpenter	J.S.	RJR Marketing employee (approx. 1976-1989).
74	Carroll, Esq.	Kevin L.	Attorney: White & Case; Counsel for Brown & Williamson; Ad Hoc Committee (approx. 1966-1967).
75	Casingena, Esq.	Philippa J.	Attorney (Millbank Knowle); BAT In-House legal counsel; British American Tobacco Company Counsel, Consumer and Regulatory Affairs; BATCo Staines UK, Legal Department, Solicitor, 1992 - current; BATCo - Counsel, 1970 - Current (2002).
76	Cattell	McKeen	Council for Tobacco Research Scientific Advisory Board (3/30/54 to 4/13/73); Professor of Pharmacology, Cornell University Medical College.
77	Chalfen	Stuart P.	BAT Industries Solicitor 1988-2000 Legal Director and General Counsel.
78	Chalmers	Robyn	Mallesons Stephen Jacques - Affiliate Counsel (Australia) 1993 - 2001.

	Last Name	First Name	Current Positions and Work Histories
79	Chapin	James W.	Attorney: Vice President and General Counsel, United States Tobacco; Committee of Counsel Member, Tobacco Institute (1977, 1979, 1980; 1982-1990; 1992-1994); Member, Forsyth, Decker & Murray (1971-1972); Counsel, United States Tobacco (1970, 1974-1986).
80	Charles	Dr. James ("Jim") L.	Philip Morris - Joint Defense Employee 1991 Vice President, Scientific Affairs, Philip Morris USA Inc. (07/01/1992-10/01/1992); Vice President, Research, Philip Morris USA Inc. (01/01/1990-07/01/1992); Director of Research, Philip Morris USA Inc. (04/01/1984-01/01/1990); Manager Biochemical Research Division, Philip Morris USA Inc. (10/01/1981-04/01/1984); Senior Scientist, Philip Morris USA Inc. (01/30/1981-10/01/1981); Senior Professional, Philip Morris USA Inc. (08/20/1975-01/30/1981); Research Professional B, Philip Morris USA Inc. (12/06/1974-08/20/1975); Research Professional, Philip Morris USA Inc. (10/01/1972-12/06/1974); Associate Professional, Philip Morris USA Inc. (01/19/1967-10/01/1972); Resignation, Philip Morris USA Inc. (08/26/1966-01/19/1967); Temporary Salaried, Philip Morris USA Inc. (06/20/1966-08/26/1966); Resignation, Philip Morris USA Inc. (08/27/1965-06/20/1966); Temporary Salaried, Philip Morris USA Inc. (06/09/1965-08/27/1965); Resignation, Philip Morris USA Inc. (09/11/1964-06/09/1965); Associate Professional, Philip Morris USA Inc. (03/13/1962-09/11/1964); Retired (10/1992).

	Last Name	**First Name**	**Current Positions and Work Histories**
81	Charman	Sandra	BATCo - Employee, Assistant Manager, Guildford Depository 1996 - 1999.
82	Cherry	James R., Jr.	Attorney: Associate General Counsel, Philip Morris Management Corporation (05/20/1996-Present); Former Vice President and Deputy General Counsel, Lorillard (1978-96) Tobacco Institute Committee of Counsel (1986).
83	Cholakis	James M., Ph.D.	Shook, Hardy & Bacon Analyst; Tobacco Institute ETS Advisory Group Member (1984-1987).
84	Christopher	F. Hundall, Jr.	R. J. Reynolds; Executive Council for Tobacco Research, Board of Directors (1986-1989).
85	Clarke	D.R.	BATCo Employee 1953 - 1994; Member of BATCo Board of Directors and later Chairman, BATCo. "Denzil R".
86	Clarke	Grant	Research Director, RJR (approx. 1945-1955).
87	Clarke	Peter L.	1998 - 1999 B.A.T Industries p.l.c. - Company Secretary; 1992 - 1999 BATCo - Company Secretary, Head of Legal Department; 1994 - 1998 BATCo - Company Secretary; 1991-1994 BATCo Legal Dept (Staines); 1991 BATCo - Head of Legal Department 1970 BATCo - Counsel.

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	Last Name	First Name	Current Positions and Work Histories
88	Clements	Earle	Brown & Williamson, Associate General Counsel; Tobacco Institute, President and Executive Director; Consultant, Tobacco Institute (1970-1985); President & Executive Director, Tobacco Institute (1967-1970); Lobbyist, Tobacco Institute (1966).
89	Coffer	W.L.	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris, Lorillard and Brown and Williamson (approx. 1993/1994+).
90	Cohen	Donald	Webster, Sheffield, Fleishman, Hitchcock & Chrystie involved in industry Special Projects. Member of Industry Ad Hoc Committee (approx. 1965-1967+).
91	Colby	Frank	Director of Scientific Affairs, R. J. Reynolds (1970-1980); Director of Research Information, R. J. Reynolds (1951-_) Public Smoking Advisory Group (predecessor to Hoel Committee).
92	Colucci	Anthony (“Tony”)	Principal Scientist, Research and Development, R. J. Reynolds; Colucci, & Associates, Inc.; Special Account #4 Research (1982) On retainer to Womble Caryle 1988-1989 for RJR.
93	Comer (Kinnard)	Alison Kay	1983 - current BATCo - Information Manager, Legal 1976 BATCo - Research Scientist 1970 BATCo - Laboratory Assistant.
94	Comroe	Julius H., Jr.	(deceased). Council for Tobacco Research Scientific Advisory Board 8/12/54 to 3/16/60.

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	Last Name	First Name	Current Positions and Work Histories
95	Cook	Philip	1999 - 2000 B.A.T Industries p.l.c. - Company Secretary 1998 - 1999 B.A.T Industries p.l.c. - Deputy Company Secretary 1997 British American Tobacco (Holdings) Limited - Company Secretary 1996 - 1997 BATCo - Internal Counsel 1994 - 1996 B.A.T Industries p.l.c. - Counsel.
96	Cooke	Edward J., Jr.	Outside Counsel for R.J. Reynolds; (approx.1963-1968) United States Tobacco, General Counsel; Cabell, Medinger, Forsyth & Decker, Attorney; Davis, Polk & Wardwell, Attorney.
97	Corner	Richard M.	Secretariat INFOTAB; Corporate Affairs (Lausanne), Philip Morris Eastern Europe, Middle East, and Asia ICOSI SAWP 1979 INFOTAB Board of Directors 1983; 1986. INFOTAB Advisory Board 1982.
98	Covington	Mary	Philip Morris International Vice President Corporate Affairs (1977-85); Public Relations Director (1973-77); Manager of Public Relations (1971-73); Public Relations Coordinator; ICOSI Member; Chairman of ICOSI Social Acceptability Working Party 1979 INFOTAB Secretary General (1981-1982).

	Last Name	First Name	Current Positions and Work Histories
99	Cramer	Morgan J.	Tobacco Institute Executive Committee (1963-64); Tobacco Institute Board of Directors, Lorillard (1962-1964); Chief Executive Officer, Lorillard (1962-1964); Chairman Board of Directors, Lorillard (1961-1965); Chairman Executive Committee, Lorillard (1961-1965); President, Lorillard (1962-1964); Vice President, Assistant to President, Lorillard (1961); Director International Operations, Lorillard (1960); Executive Vice President, Lorillard (1960); Executive Committee, Lorillard (1959-1965); Board of Directors, Lorillard (1958-1965); Director Export & Government Operations, Lorillard (1958).
100	Crawford	D.A.	RJR MacDonald Employee (approx. 1974-1989+). Director of R&D by 1980.
101	Creighton	D. [David] E.	1967 - 2000 BATCo - R & D Research Scientist/Manager 5/15/89 -Current BATCo - Project Manager, Regional Blend Advisor (Hong Kong) 9/21/87 BATCo - Leaf Blender 1/1/72 BATCo - Research Scientiest 6/8/67 BATCo - Research & Development.
102	Cremona	Phyllis	(1996 - 1997) Plaintiff in litigation in Australia.
103	Crepat	Guy	Industry Consultant. (approx. 1989-1999+) Member of ARIA. Professor of Biological Science-Dijon, France.

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	Last Name	First Name	Current Positions and Work Histories
104	Crohn	Max H., Jr.	Attorney: Jacob, Medinger & Finnegan, R. J. Reynolds (1976-80); Jacob, Medinger & Finnegan, Associate General Counsel (1968); R.J. Reynolds (1977); Council for Tobacco Research Board of Directors (1979-1980) RJR -Elected Secretary-January 4, 1971. Elected Director-February 20, 1974. Resigned offices/committees, August 1, 1981. Tobacco Institute Committee of Counsel (1977-1981).
105	Culley	Elizabeth	Director, Youth Smoking Preventions Programs, Philip Morris USA Inc. (09/01/2002-Present); Director, Corporate Affairs, Programs and Planning, Philip Morris USA Inc. (09/01/1998-09/01/2002); Manager, Corporate Affairs Program, Philip Morris USA Inc. (01/01/1998-09/01/1998); Senior Programs Manager, Philip Morris USA Inc. (12/29/1995- 01/01/1998).

	Last Name	First Name	Current Positions and Work Histories
106	Cullman	Hugh	Consultant, Philip Morris Companies (1988-_); Retired (01/1988); Vice Chairman, Philip Morris Companies (1984-01/1988); Group Executive Vice President, Philip Morris Incorporated (1978-1984); Chairman and Chief Executive Officer, Philip Morris Incorporated (1978-1984); Tobacco Institute Board of Directors, Philip Morris Companies (1981-1984); Council for Tobacco Research Director (1983-1984); President, Philip Morris International (1967-1978); Executive Vice President, Philip Morris Incorporated (1966-1978); Executive Vice President, Philip Morris International (1964-1966); Elected to Board of Directors, Philip Morris Companies (1964-1988); Vice President, Assistant Chief of Operations, Philip Morris Inc. (1960-1964); Treasurer, Philip Morris Incorporated (1959-1960); Treasurer, Philip Morris Incorporated (1959); Assistant Treasurer, Philip Morris Incorporated (1959); Assistant to Vice President, Secretary & Treasurer, Philip Morris Inc. (1958); Brand Manager, Parliament and Benson & Hedges, Philip Morris Inc. (1955-1958); Director of Market Research, Philip Morris Incorporated (1954-1958); Manager of Market Research, Benson & Hedges (1952-1954); Joined Benson & Hedges (1949-) (Called to active duty in the Korean War from '51-'52) ICOSI Chairman 1979-1980; ICOSI Director 1980; INFOTAB Director 1981-1986 Council for Tobacco Research, Director, 1975, 1983-1987.

	Last Name	**First Name**	**Current Positions and Work Histories**
107	Cutchins	William ("Bill") S.	1921 - 1963 Brown & Williamson - President; Consultant, Brown & Williamson (1964); Chairman Executive Committee, Brown & Williamson (1963-1964); Member of Tobacco Institute Executive Committee, Brown & Williamson (1960, 1963); Tobacco Institute Board of Directors Member, Brown & Williamson (1959-1963); President, Brown & Williamson (1958-1964); Executive Vice President, Brown & Williamson (1955-1958).
108	Dangoor	David	Executive Vice President, Philip Morris International (10/01/1992-04/14/2002); Senior Vice President of Marketing, Philip Morris Incorporated (01/01/1990-10/01/1992) Vice President of Marketing, Philip Morris Incorporated (05/01/1987-01/01/1990); Vice President, Brand & Promotions, Philip Morris Incorporated (12/01/1986-05/01/1987); President, Benson & Hedges, Canada, Philip Morris International (04/01/1984-12/01/1986).

	Last Name	First Name	Current Positions and Work Histories
109	Daragan	Karen	Vice President, Strategy & Social Responsibility, Philip Morris Management Corporation (01/01/2002-Present); Director, Social Responsibility & Corporate Issues, Philip Morris Management Corporation (04/02/2001- 12/31/2001); Director, Youth Smoking Prevention Programs, Philip Morris USA Inc. (08/01/1998-04/02/2001); Director, Communications, External Relations, Philip Morris USA Inc. (11/01/1997-08/01/1998); Director, Media Affairs, Philip Morris USA Inc. (02/01/1997- 11/01/1997); Manager of Media Programs, Philip Morris USA Inc. (10/01/1992- 02/01/1997); Administrator of Media Program, Philip Morris USA Inc. (11/15/1990-09/30/1992); Administrator, Political & Communication Programs, Philip Morris USA Inc. (05/14/1990- 11/15/1990); Communications Assistant, Philip Morris USA Inc. (03/21/1988- 05/14/1990).
110	Darr	Edward A.	R. J. Reynolds President (1953-1954). Served on the Advertising Committee for RJR Tobacco Co. from 1945-1956 Vice Chairman of the Board in 1957.
111	Darrah	Stephen ("Steve")	Philip Morris Senior Vice-President Manufacturing (09/1992); Board of Directors; Vice President, Operations EECR, Philip Morris International, EEC Region (1984-1989).

	Last Name	**First Name**	**Current Positions and Work Histories**
112	Darrow	Richard ("Dick")	Executive Vice President, Hill & Knowlton (approx. 1953-1965+) Management Representative in charge of PR; Public Relations Counsel for TIRC and CTR.
113	Davidson	Michael ("Mike") S.	Attorney: Jacob, Medinger & Finnegan, Counsel for R.J. Reynolds (approx. 1983-1986) Hoel Committee.
114	Davis	William (“Bill”) W.	Legal Assistant: Shook, Hardy & Bacon, Counsel for Philip Morris, Lorillard and Brown and Williamson. (approx. 1983-2000+) Hoel Committee Attended CIAR Board of Directors meetings.
115	Decker, Esq.	Francis K.	Presently [2000] at Latham & Watkins, Counsel for Liggett; Formerly at Mudge, Rose, Guthrie, Alexander & Ferdon; Partner, Webster & Sheffield, Counsel for Liggett; 1966 - 1995 Mudge, Rose - Counsel.
116	DeHart, Esq.	Edward	Vice-President, Hill & Knowlton; Public Relations Counsel for Philip Morris (1967).
117	Dehn	Francis X.	Attorney: Webster & Sheffield, Counsel for Liggett Public Smoking Advisory Committee 1985 (a.k.a. Hoel Committee).
118	Deines	William H.	1974-1991-Brown & Williamson, Section Head, Fundamental Research Product Development and Product Innovation Hoel Committee.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
119	DeLuca	TC (Patricia)	R.J. Reynolds Environmental Tobacco Smoke Scientist, Bio Research & Development (approx. 1985-2000+) Tobacco Institute Coordinating Committee.
120	Dembach	Wilfried	1999 - 2000 CECCM - Industry Counsel 1990 - 1998 RJ Reynolds International - Joint Defense Counsel (Cologne).
121	Dickson	W.J.	Attorney: Counsel for B.A.T.-Woking; 1954 - 1988 BATCo - Director of Public Affairs.
122	DiDonato	Richard	Liggett-Vector Brands Vice President Sales Department.
123	DiNardi	Salvatore R., Ph.D.	Industry Consultant; Council for Tobacco Research Special Project #136 (1986-88); Immunologist, School of Health Sciences, University of Massachusetts Amherst Tobacco Institute IAPAG Consultant CEHHT.
124	DiPasca	Roger	Grey Advertising Agency, Regional Account Director (approx. 1998-2001+).
125	Diven	Michael	1994-1995 -Brown & Williamson - Employee 2000- Lane Ltd. - BATCo Affiliate Employee (VP Marketing).
126	Dixon	Michael	1970's - 2000 BATCo - R & D Scientist/Manager; Principal Scientist and Manager of Smoke Quality and Sensory Studies, British American Tobacco Company.

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	Last Name	First Name	Current Positions and Work Histories
127	Dobbins	James W.	Liggett & Myers, Vice President & General Counsel; Attorney: Liggett Outside Litigation Counsel.
128	Dobson	Sir Richard P.	1976 - 1979 B.A.T Industries p.l.c. - Former Director 1955 - 1976 BATCo - Non-Executive Director.
129	Doll	Sir Richard	British scientist who, together with A. Bradford Hill found cause and effect between smoking to lung cancer in 647 patients. Their study was published in 1950.
130	Doyle	Julian J.	ICOSI-Brussels Secretary General 1978. Was terminated. ICOSI Social Acceptability Working Party.
131	Drake	John, Ph.D.	Industry Transportation Consultant, Purdue University. (approx. 1980's).
132	Drew	Norma Suter	Philip Morris Vice President for Portfolio Brands Former Brand Manager and Marketing Director for Merit cigarettes from 1992-1994.
133	Dreyer	Leo P.	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris, Lorillard and Brown & Williamson Tobacco from at least 1976 through 2000+. Institute TI-ETS Coordinating Committee.
134	Dryden	Mari-Jo	RJR scientist (approx. 1985-1996+).
135	Dulles	Frederick	1988 - 1990 Philip Morris Europe - Counsel; Attorney: Regional Counsel, Eastern Europe Middle East Asia, Philip Morris International (03/01/1990-_).

	Last Name	First Name	Current Positions and Work Histories
136	DuPuis	Robert N.	Board of Directors, Philip Morris USA Inc. (1958-1962); Vice President Research, Philip Morris USA Inc. (1955); Research and Development, Philip Morris USA Inc. (1952-1960); Research Director, Philip Morris (1952-_).
137	Durden	Dennis	RJR Employee (1975-1988); Tobacco Institute Senior Vice President; Tobacco Institute Communications Committee (1977) ICOSI Chairman Social Acceptability Working Party (1977).
138	Dymond	Harry F.	4/1/89 - 4/3/92 BATUKE - Senior Scientific Advisor BATCo; 7/17/61 Joined Company.
139	Ecobichon	Donald, Ph.D.	McGill University, Montreal, Canada. Industry Consultant. Tobacco Institute ETS Consultant. Co-chaired 1989 Industry McGill Symposium.
140	Edens	Joseph E.	Tobacco Institute Chairman Executive Committee, Brown & Williamson (1977-1978); Board of Directors, Tobacco Institute (1976-1978, 1980); Director, Council for Tobacco Research (1974, 1976-1980); President, Brown & Williamson (1973-1975); Chief Executive Officer, Brown & Williamson (12/1974-12/1977); Member of Tobacco Institute Executive Committee, Brown & Williamson (1974-1980); President & Chief Operating Officer, Brown & Williamson (1973-1974); Executive Vice President, Brown & Williamson (1970-1973).

	Last Name	First Name	Current Positions and Work Histories
141	Ehmann	Carl W.	Executive Vice President, Research & Development, R.J. Reynolds (approx. 1992-1996) CTR Board of Directors 1992-1996.
142	Ehringhaus	J.C.Blucher, Jr.	Attorney: Senior Vice President and General Counsel, Tobacco Institute (1971-1980).
143	Eichorn	Paul A.	Assistant to Director, Lab Administration, Philip Morris USA Inc. (03/12/1980-09/01/1982); Assistant To Director, Administrative Technology, Philip Morris USA Inc. (04/01/1975-03/12/1980); Manager, Technical Planning & Information Development, Philip Morris USA Inc. (06/06/1966-04/01/1975).
144	Eisen	Karen	Vector Tobacco Consultant Market Research Department; Manager, Youth Smoking Prevention Research, Philip Morris Incorporated (08/28/1998-_); Manager, New Products/Discount Brands Research, Philip Morris Incorporated (_-08/28/1998).
145	Eisenberg	Arthur	Council for Tobacco Research Associate Research Director, 1991-12/1998.
146	Ellis	Sir Charles	1980-BATCo Consultant 1955-1972 BATCo Scientific Advisor to the Board.

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	Last Name	First Name	Current Positions and Work Histories
147	Ely	Clausen, Jr.	Attorney: Covington & Burling, Counsel for the Tobacco Institute and Philip Morris International (approx. 1988-2001+) Tobacco Institute ETS Coordinating Committee; Tobacco Institute Committee of Counsel 1996; 1998.
148	Ely	R. ("Bob") L. O.	British American Tobacco Public Affairs Executive UK; INFOTAB Board of Directors; ICOSI Social Acceptability Working Party (SAWP) 1979; ICOSI Board of Directors 1980; Chairman SAWP INFOTAB 1981; INFOTAB Advisory Board 1982; INFOTAB Board of Directors 1983; INFOTAB Board of Directors 1985; INFOTAB Board of Directors 1986.
149	Ennis	Daniel	Philip Morris Scientist.
150	Enslein	Kurt	Council for Tobacco Research Special Project Researcher (approx. 1966-1970).
151	Enstrom	James	RJR and Philip Morris Consultant (approx. 1975-2003) School of Public Health, UCLA Employee CTR Grantee.
152	Esterle	Dr. J.G. (" Gil")	Brown & Williamson, Scientist, Research (1960's-1988) Public Smoking AG 1980; Hoel Committee.

	Last Name	First Name	Current Positions and Work Histories
153	Eysenck	Hans J.	Eysenck Institute of Psychiatry. Council for Tobacco Research Special Project Researcher (1970-1971, 1973-1983); Joint Industry Funded Consultant Special 4 Account.
154	Fagan	Raymond	Principal Scientist, Philip Morris Incorporated (01/1981-04/1985); Professional PRN, Philip Morris Incorporated (10/1976-01/1981); Scientist, Research & Development Department, Philip Morris Incorporated (_-1967-1983); Retired (04/1985) Public Smoking Advisory Group.
155	Fagg	Barry	RJR scientist (approx. 1985-1999+).
156	Faircloth	Keith "A.K."	Director of Merchandising, Lorillard. Joined Lorillard as assistant division sales manager in 1982. (Approx. 1982-2001+).
157	Feinstein	Alvan R.	Industry Consultant; Special Account #4 (1970); Council for Tobacco Research Special Project #2 (1966), #86 (1976-81), #135 (1986-91); SHB Research Account (1990); PM funded (1990-96); Yale University Sterling Professor of Medicine & Epidemiology.
158	Feldman	Joseph D.	Council for Tobacco Research Scientific Advisory Board (1974-1995), Chairman (1990-1994); Department Head of Immunopathology, Scripts Clinic and Research Foundation.

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	Last Name	First Name	Current Positions and Work Histories
159	Felton	David Geoff	4/3/56 - 6/30/83 BATCo - Research & Development, Manager, Smoking, Smoking & Health Advisor 1969 - 1983 BATCo - Smoking & Health Advisor 1964 - 1969 BATCo - Manager, Research & Development 1957 - 1964 BATCo - Research & Development, Scientist 1955 - 1957 BATCo - Research & Development.
160	Ferris	R.P.	5/8/96 - Current [2000] BATCo - Manager, Global Marketing Research 9/1/95 BATCo - Manager, Group Marketing Research 7/1/90 BATCo - Manager, Consumer Research 1/1/87 BATCo - Research Psychologist 5/1/85 BATCo - Section Leader 10/10/77 BATCo - Research Scientist.

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	Last Name	First Name	Current Positions and Work Histories
161	Figliulo	Carlotta	Carlotta Figliulo. Ms. Figliulo has been retained as a research consultant by the United States in this litigation. Ms. Figliulo's prior employment and education included: • 2000-2001: Vice President of Facilities, E! Entertainment Television • 1998-2000: Vice President of Facilities Planning & Management, MTV Networks • 1989-1993: Advertising Sales Coordinator, MTV Networks • 1994-1998: Director of Administration, MTV Networks • 1993-1994: Manager of Administration, MTV Networks • 1982-1985: Southern Illinois University, marketing coursework; 1991: Columbia College: marketing coursework As a research consultant for the United States, Ms. Figliulo has located, reviewed, and copied Defendants' cigarette brand advertisements in magazines and newspapers, and has coordinated a team performing this work.
162	Finch	Edwin P.	Chairman & Chief Executive Officer, Chief Executive Officer, Brown & Williamson (1973-1974); Council for Tobacco Research Director, Brown & Williamson (1971-1973); Tobacco Institute Chairman Executive Committee, Brown & Williamson (1966-1969); Tobacco Institute Board of Directors, Brown & Williamson (1964-1974); Chairman Executive Committee, Brown & Williamson (1964-1974); Vice Chairman Executive Committee, Brown & Williamson (1963); Executive Vice President, Brown & Williamson (1962-1964); Retired, Brown & Williamson (1974).

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	Last Name	First Name	Current Positions and Work Histories
163	Finnegan	Timothy	Attorney: Partner, Jacob, Medinger & Finnegan, Counsel for R.J. Reynolds and CTR (approx. 1974-1985) Public Smoking Advisory Group.
164	Firestone	Marc	Attorney: Senior Vice President and General Counsel, EU Region, Philip Morris Incorporated (01/01/01-Present); Senior Vice President and Chief Counsel, EU Region, Philip Morris International (02/01/1990-12/31/2000); Senior Vice President and Chief Counsel, Central Europe, Middle East and Africa, Philip Morris International (01/01/1998-12/31/1998); Senior Vice President Worldwide Regulatory Affairs & Associate General Counsel, Philip Morris Companies (05/01/1995-12/31/1997); Vice President and Associate General Counsel, Philip Morris Companies (09/01/1994-04/30/1995); Assistant General Counsel, Legal Administration, Philip Morris Companies (11/01/1990-08/30/1994); Counsel for Philip Morris Management Corporation (06/27/1988-10/31/1990).
165	Fishel	David B.	Vice President - Public Relations; (approx. 1982-1994) Senior Vice President - P.R., R.J. Reynolds Tobacco Company R.J. Reynolds Director of Public Relations; Tobacco Institute Communications Committee (1984-1987).

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	Last Name	First Name	Current Positions and Work Histories
166	Flamm	Gary, Ph.D.	Consultants to Covington & Burling and Tobacco Institute (1988-1993+) Member, Environmental Tobacco Smoke team; Flamm & Associates Science Regulatory Services International Former toxicologist for U.S. Food and Drug Administration.
167	Fletcher, M.D.	Dr. Robert G.	RJR Medical Director.
168	Flinn	J. Gordon	Director, Marketing Research (Lorillard) (approx. 1973-1982).
169	Fontham	Elizabeth	Louisiana State Medical Center Associate Professor, Department of Pathology. Authored a 1994 study that found a significant increase in overall relative risk associated with exposure to secondhand smoke.
170	Ford	Donald H.	Associate Research Director, Council for Tobacco Research (1977-1979, 1981-1982); Scientific Advisory Board, Council for Tobacco Research 1977-1982).
171	Ford, Jr.	Yancey W.	Reynolds Executive Vice President. Reynolds employee (approx. 1974-1994).
172	Fordyce	W.B.	BATCo - R & D Scientist/Manager 1959 - 1980.
173	Frank	Stanley	Worked for Hill & Knowlton. Ghost wrote an article for the industry in 1968 that was published in True Magazine under the pen name Charles Golden.
174	Freedman	Alfred	Joint Industry Funded Legal Consultant; Special Account #4 Research (1979).

	Last Name	First Name	Current Positions and Work Histories
175	Froeb	Herman F.	Scientist of study that found that nonsmokers working in smoky environments tend to have pulmonary functions similar to light smokers. Study published in 1980 with co-author, James White.
176	Frustace	Helen	Legal Secretary: Specialist Legal Billing, Legal, Philip Morris Management Company (07/01/2000-Present); Administrator Legal Department, Legal, Philip Morris Management Company (04/01/1996-06/30/2000); Administrator, Database Operations, Legal, Philip Morris Management Company (02/01/1991-03/31/1996); Executive Secretary, Legal, Philip Morris Management Company (07/01/1990-01/31/1991); Executive Secretary III, Legal Administration, Philip Morris Companies (05/01/1987- 06/30/1990); Joined Philip Morris as Secretary 12/01/1967; Was Secretary to Alexander Holtzman.
177	Frydman	Uziel	RJR Employee Marketing Research Department, (approx. 1977-1980).
178	Funck	Dr. Marion	Attorney: Reemtsma Cigarettenfabriken - Germany (approx. 1990-2000+).
179	Furst	Arthur, Ph.D.	Testified at 1969 hearings; Council for Tobacco Research Consultant (1969); CTR Special Projects Council for Tobacco Research Grantee (1962-1984); Joint Industry Researcher--Expert on General Causation and Specific Causation; Special 4 Account CTR Associate Research Director (1969-1970).

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	Last Name	First Name	Current Positions and Work Histories
180	Gaberman	Philip	Robert Brian Associates Creative Director working for Lorillard (1970's).
181	Gaisch	Dr. Helmut	Director, Science & Technology, Philip Morris International (1984-1990); Philip Morris Europe Scientist, Head of Laboratories, FTR/PME, Philip Morris International; Philip Morris Representative on ASFC.
182	Galloway	Alexander H.	Council for Tobacco Research Director, R. J. Reynolds (1971-1973); Chief Executive Officer, Chairman of the Board of Directors, R. J. Reynolds (1969); Tobacco Institute Board of Directors, R. J. Reynolds (1968-1974).
183	Gardner	William U.	Deceased. Scientific Advisory Board, Council for Tobacco Research (1971-1985); Scientific Director, Council for Tobacco Research (1973-1981) Industry Research Liaison Committee (RLC).
184	Garrett	Anthony (“Tony”)	Imperial Tobacco Co, Chairman & Managing Director (approx. 1973-1978) Operation Berkshire.
185	Gary	W.E., III	Pinkerton Tobacco Co. Tobacco Institute, Committee of Counsel 1989-1990.
186	Gastman	Michael I.	Attorney: Lorillard, General Counsel (approx. 1970-1984) Industry Research Liaison Committee (RLC).

	Last Name	First Name	Current Positions and Work Histories
187	Gee	Ed	Director, Strategic Planning, Philip Morris Incorporated (06/01/1998-05/01/2000); Director, Project-Quality Systems, Philip Morris Incorporated (08/01/1997-05/31/1998); Director Quality Management Systems, Philip Morris Incorporated (06/01/1997-07/31/1997); Director, Strategic Information Analysis, Philip Morris Incorporated (08/01/1996-05/31/1997); Director, Program Evaluation Information, Philip Morris Incorporated (12/01/1995-07/31/1996); Director, Consumer Research, Philip Morris Incorporated (09/01/1992-11/30/1995); Manager, Logistics Evaluation, Philip Morris Incorporated (06/11/1990-08/31/1992); Manager, Product Evaluation, Philip Morris Incorporated (07/01/1987-06/10/1990); Manager, Product Specifications, Philip Morris Incorporated (06/01/1986-06/30/1987); Manager, Studies, Specifications, and Support, Philip Morris Incorporated (02/16/1985-05/31/1986); Leader, Section Specifications, Philip Morris Incorporated (07/01/1984-02/15/1985); Analyst, Senior Resident Planning, Philip Morris Incorporated (12/16/1980-06/30/1984); Analyst, Senior Process, Philip Morris Incorporated (04/16/1979-12/15/1980); Analyst, Process, Philip Morris Incorporated (07/25/1977-04/15/1979).
188	Gentry	Dr. Jeffrey	Master Scientist at RJR. Product design scientist (1986-1997+).

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	Last Name	First Name	Current Positions and Work Histories
189	George	W. Brooks	Attorney: Board of Directors, Tobacco Institute (1967-1978, 1980-1984); Director, Council for Tobacco Research (1971-1983); Member, Public Relations Committee, Tobacco Institute Larus (1960-1961, 1964).
190	Gerstner, Jr.	Louis V.	RJR Nabisco Chairman and CEO (approx. 4/89-1993+).
191	Gertenbach	Robert F.	President, CTR 1984-1992; Secretary and Executive Vice President, CTR 1982-1984.
192	Gesell	Eric	Group Product Manager, American Tobacco (approx. 1980-1994).
193	Gibbons	Jean D.	Joint Industry Consultant; Consultant to SH&B for PM and B&W University of Alabama, Special Account #4 Research (1978-1982).
194	Glantz	Stanton	Anti-tobacco Activist Professor University California San Francisco.
195	Glass	Dr. Larry	Product Stewardship Scientist, Oxychem, Occidental Chemical Corporation, Litigation Consultant for Philip Morris.
196	Gloy	Dr. Wolfgang	Reemstma Industrial Policy Operation Berkshire 1977.
197	Goldbrenner	Ronald	Lorillard In-House Counsel (approx. 1974-1999).

	Last Name	First Name	Current Positions and Work Histories
198	Goldsmith	Clifford H.	Senior Vice President, Corporate Affairs, Philip Morris International (10/21/1999-Present); Vice President, Corporate Affairs in Strategy & Development, Philip Morris Management Corp. (01/1998-10/20/99); Vice President, Corporate Affairs Europe, Philip Morris Companies (02/1992-12/97); Vice President, Government Affairs, Philip Morris Companies (03/1990-02/92); Staff Vice President, Washington Reins, Philip Morris Management Corp. (10/1988-03/1990); Interim Staff Vice President, Washington Reins, Philip Morris Management Corp. (08/1998-10/1988); Attorney: Arnold & Porter (_-10/1988) Industry Research Liaison Committee Director, Council for Tobacco Research 1973-1974.
199	Goldstein	Avram	Research Scientist denied CTR grant funds for proposed Addiction Research Center in 1978.
200	Goodale	Tom	Former Philip Morris Director of Operations and Sales Operations, Philip Morris USA Inc. (approx. 1976-1997).
201	Goold	James A.	RJR In-House Counsel. Appointed Staff Vice President and Assistant General Counsel December, 1989. Resigned office, August 31,1990. Joined Covington & Burling as counsel for Tobacco Institute. Prepared ETS Kit set for INFOTAB trade associations worldwide.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
202	Gori	Gio, Ph.D	National Cancer Institute (1968-1980); The Health Policy Center Industry Consultant; Expert on Risk Utility and Scientific Research.
203	Gray	Bowman	R. J. Reynolds Chairman of the Board (1959-1964); Tobacco Institute Chairman Executive Committee, R. J. Reynolds (1958-1960, 1962-1967).
204	Green	Dr. S.J.	BATCo - Research & Development; Scientist, Manager, Director (1961-1983) ICOSI Social Acceptability Working Party and Chairman of Smoking Behavior 1977.
205	Green	Karen	Leo Burnett Company, Incorporated-Chicago.
206	Greenberg	David	2000 Philip Morris - Joint Defense Employee 1998 King & Spalding - Affiliate Counsel (Brown & Williamson).
207	Greer	Joseph H.	Attorney: Liggett & Meyers General Counsel. Tobacco Institute Committee of Counsel 1976-1984.
208	Gregory	C.F.	1966 - 1988 Brown & Williamson - Lab Supervisor, Scientist.

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	Last Name	First Name	Current Positions and Work Histories
209	Greig	Colin C.	1995 - 2000 BATCo - Principal Product Developer 1994 BATCo - Group Manager, Product Performance 1993 BATCo - Section Leader, Product Performance 1992 BATCo - Product Developer 1992 BATCo - Section Leader, Product Performance 1990 BATCo - Product Developer 1988 BATCo - Senior Research Scientist.
210	Griffith	Robert B.	Director, Research & Development, Brown & Williamson (1960-1969); Group Leader Research (Chemist), Brown & Williamson (1959-1960); Consultant, Brown & Williamson (1959); Resigned, Brown & Williamson (1969).
211	Gruber	Lewis	Executive Committee, Lorillard (1946-1969); Honorary Chairman, Lorillard (1964-1967); Tobacco Institute Board of Directors, Lorillard (1959, 1960, 1962); Chief Executive Officer, Lorillard (01/1959-12/1962); Tobacco Institute Executive Committee, Lorillard (1958-1961); Chairman Board of Directors, Lorillard (1958-1960); President, Lorillard (08/1956-12/1958); Vice President & Director of Sales, Lorillard (1952-1955); Sales Manager, Lorillard (1946); Board of Directors, Lorillard (1946-1951, 1955-1960, 1963-1967).

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	Last Name	First Name	Current Positions and Work Histories
212	Guerin	Michael R.	Industry Consultant (1973-1981); Contractor, Council for Tobacco Research Special Project #123 (1973-1981, 1985-1987); Researcher, #132-Oak Ridge National Laboratory, Union Carbide Corporate (1973-1981, 1985-1987).
213	Haas	Frederick	Attorney: Former General Counsel Liggett & Myers (1967); Webster & Sheffield, Counsel for (1967); Tobacco Institute Committee of Counsel (1972-75).
214	Haberkern	Richard	Former Manager of Advanced Process Technology at RJR (approx. 1943-1993+)
215	Haddon	Richard	1984-BATCo - Marketing Consultant 1976-1984-BATCo - Public Relations ICOSI Social Acceptability Working Party (SAWP) (1977-1978).
216	Hager	John H.	American Tobacco, Vice President Leaf Department (approx. 1966-1973).
217	Hahn	Paul M.	(deceased). Tobacco Institute Board of Directors, AB (1959-1963); Tobacco Institute Chairman, TIRC Research Committee, AB (1954); President, American Tobacco Company (1954).
218	Hammil	Peter	Assistant Surgeon General 1962.
219	Hammond	Dr. E. Cuyler	Vice President, American Cancer Society (1968); Beagle dog inhalation studies with Oscar.

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	Last Name	First Name	Current Positions and Work Histories
220	Hanmer	H.R.	American Tobacco Company's Scientific Director (approx. 1938-1958); member of TIRC's first Industry Technical Committee.
221	Hardy	David K.	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris Attended Tobacco Institute Committee of Counsel 1992, 1994-1996.
222	Hardy	David R.	Attorney: Shook, Hardy & Bacon (1939-1976); Tobacco Institute Committee of Counsel, Shook, Hardy & Bacon (1972-1976); Tobacco Institute Communications Committee, Shook, Hardy & Bacon (1970-1976) CTR Research Liaison Committee (RLC).
223	Hargrove	Gwynn	British American Tobacco Company Ltd. Executive; ICOSI-Brussels Secretary (1979-1980) ICOSI Board of Directors ICOSI Chairman Developing Countries Group (DCG) INFOTAB 1981.
224	Harlow	Edward S.	Research Director, American Tobacco; Assistant Managing Director of Research & Development, American Tobacco (1959-1964); Assistant Lab Manager, American Tobacco (1955-1958); Research Coordinator, American Tobacco (1946-1955); Research Chemist, American Tobacco (1931-1942).

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	Last Name	First Name	Current Positions and Work Histories
225	Harrington	Milton	Tobacco Institute Board of Directors, Liggett (1965-1973); Executive Committee, Tobacco Institute (1965-1971, 1973); President & Chief Executive Officer, Liggett (1964-1973); Executive Vice President, Liggett (1963-1964); Liggett (1934-1973).
226	Hartnett	Timothy	Chairman, Council for Tobacco Research (1955-1965); Chairman, TIRC (1954-1966); President, Brown & Williamson (1941-1954); Executive Vice President, Brown & Williamson (1938-1941); Vice President, Brown & Williamson (1930-1938).
227	Hartnett	Timothy V.	(deceased). President, B&W; Chairman, CTR 1954-1969.
228	Hartogh	Jules	Philip Morris Europe, Corporate Affairs ICOSI (1979), ICOSI Board of Directors (1980).
229	Hashim	George	CTR Associate Research Director 1992 to at least 1996.

	Last Name	First Name	Current Positions and Work Histories
230	Hausermann	Dr. Max	Senior Vice President, Research & Development, Philip Morris Incorporated (01/1986-08/1987); Director, Research and Development, Philip Morris Incorporated (-_12/1985); Vice-Director of Research & Development, FTR Neuchatel; Director of Industrial Services, PME S.A., Lausanne; Executive Management, Richmond, Philip Morris Incorporated (9/1/1981-1/1/1986); Director, Research & Development, Philip Morris Incorporated (2/1/1977-10/1/1979).
231	Hayes	A.Wallace	Chief Toxicologist for R.J. Reynolds Tobacco Company; R&D Director. Appointed Vice President Biochemical/Biohavioral Research (RJRT-USA) October 16, 1987. Elected Vice President Biochemical Biohavioral Research December 21, 1989. CIAR Board of Directors 1991.
232	Hayes	Cynthia S.	Research Scientist/Chemist, Smoke Research, Product Research, Philip Morris Incorporated (approx. 1983-2000).
233	Hays	Thomas C.	American Brands Employee; Council for Tobacco Research Board of Directors (1985-86).
234	Heard	A.L.	1992 Alan Heard R & D Consultancy Services 1990 - 1992 BATCo - Head of Research & Development 1985 - 1988 BATCo - Group Research Coordinator 1983 BATCo - Corporate Research & Development Department 1979 - 1980 BATCo - Research & Development Manager.

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	Last Name	First Name	Current Positions and Work Histories
235	Heck	Dr. D.	Lorillard Employee Lorillard Scientist CIAR Board of Directors (1993-1998).
236	Heimann	Robert K.	Chief Executive Officer, American Brands (1973-1980); Executive Vice President, American Brands (1966-1973); Vice President Marketing, American Brand (_1964-1966); Director, Tobacco Institute (1963-1964); Budget Committee Member, Tobacco Institute (1961, 1963-1964); Executive Assistant to President, American Brands (1954-1964) Council for Tobacco Research, Director (1973-1977).
237	Henson	Arnold	American Brands, Inc. Sen VP & GC TI Committee of Counsel 1978, 1981, 1986.
238	Hetsko	Cyril F.	Attorney: Former American Tobacco Vice President and General Counsel (1974-77); Scientific Advisory Board Member, Council for Tobacco Research; Council for Tobacco Research Board of Directors (1974-77); Industry Research Liaison Committee American Brands Vice President & General Counsel; Chadbourne, Parke, Whiteside & Wolff- Partner Tobacco Institute Committee of Counsel (1976).
239	Heubner	Gil	Medical Director, Tobacco Institute (1971+).

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	Last Name	First Name	Current Positions and Work Histories
240	Hickey	Richard J.	Council for Tobacco Research Grantee (1968-1990); Researcher, University of Pennsylvania CTR Special Projects Funds Special Account 4 Funds.
241	Hill	A. Bradford	British scientist who, together with Sir Richard Doll, found cause and effect between smoking to lung cancer in 647 patients. Their study was published in 1950.
242	Hill	John W.	President and CEO, Hill & Knowlton, c. 1953. PR firm. H&K proposed an organization (that became the TIRC/CTR) whose goal would be reassurance of the public. It is important that the public recognize the existence of weighty scientific views which hold there is no proof that cigarette smoking is a cause of lung cancer. The TIRC formed and funded by the tobacco industry to award research grants for the study of the link between smoking and disease.
243	Hind	James F.	RJR Vice President, Planning ICOSI Associate Chairman Social Acceptability Working Party (1977-1978).
244	Hirayama	Takeshi	Chief of Epidemiology at Tokyo's National Cancer Centre Research Institute, research linked ETS to lung cancer (1980's).

	Last Name	First Name	Current Positions and Work Histories
245	Hobbs	William	Council for Tobacco Research Chairman (1981-1990); Tobacco Institute of Board of Directors, R. J. Reynolds (1977-1978, 1980); Tobacco Institute Board of Directors, R. J. Reynolds (1975-1980); Council for Tobacco Research Director (1975-1981 (1996-); Chairman & Chief Executive Officer, R. J. Reynolds (1975-1980); R. J. Reynolds (1936-1981); Retired, R. J. Reynolds (1981) Operation Berkshire (1976) ICOSI Executive Committee (1978), Director (1980).
246	Hockett	Robert Cassad	Deceased. Testified at 1969 Hearings; Research Director for Council for Tobacco Research (1973-1984); Council for Tobacco Research Acting Scientific Director (1972-1973); Council for Tobacco Research Vice President (1971-1984); Scientific Advisory Board, Council for Tobacco Research (1956-1982); Council for Tobacco Research Associate Scientific Director (1955-1972).
247	Holbert	Neil	Philip Morris Incorporated Marketing Research Employee (approx. 1968-1983).
248	Holcomb	Larry, Ph.D.	Consultant to Tobacco Institute, RJR and Philip Morris (approx. 1987-2000) Toxicologist, Holcomb Environmental Services, Olivet, Michigan.
249	Hollis	Christina	Youth Smoking Prevention Research Analyst, Philip Morris USA Inc. (08/28/1998-_); Consumer Research Analyst, Philip Morris USA Inc. (_- 08/27/1998).

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	Last Name	First Name	Current Positions and Work Histories
250	Holtzman	Alexander	Attorney: Consultant, Philip Morris Companies (1989-_); Vice President & Associate General Counsel, Philip Morris Companies (04/1974-1989); Retired (1989); Vice President & General Counsel, Philip Morris Incorporated (05/1979-1989); Associate General Counsel, Philip Morris Incorporated (1971-04/1979); Tobacco Institute Chairman, Pension Committee, Philip Morris Incorporated (1982-1986); Tobacco Institute Committee of Counsel, Philip Morris Incorporated (1981-1988); Tobacco Institute Communications Committee Member, Philip Morris Incorporated (1970); Assistant General Counsel, Philip Morris Incorporated (01/01/1968-1974); Partner, Conboy, Hewitt, O'Brien & Boardman (1961-12/31/1967); Associate, Conboy, Hewitt, O'Brien & Boardman Industry Research Liaison Committee Operation Berkshire (1976) ICOSI Director (1980); INFOTAB Director (1983).
251	Homburger	Freddy	President & Director, Bio-Research Laboratory Institute (MSP Studies) (1955-1983), Council for Tobacco Research Contractor (1955-1983).

	Last Name	**First Name**	**Current Positions and Work Histories**
252	Horn	Daniel	Scientist who together with E. Cuyler Hammond conducted a massive epidemiological study of smoking and lung cancer under the auspices of the American Cancer Society. Found that not only was lung cancer far more prevalent among those who smoked as a cause of death (twenty-four times more than nonsmokers), so too was heart disease and circulatory disease. Hammond and Horn estimated that among smokers, smoking might account for up to 40% of their mortality. Study was published in 1958.
253	Hoskins	John A.	Industry Consultant and member of industry front organizations known as ARIA, and IAI. (Approx. 1988-1997+) He ran the scientific journal "Indoor+Built Environment" which was set up by the industry through Indoor Air International.
254	Hoyt	Wilson Thomas ("W.T.")	(deceased). PR Firm of Hill & Knowlton became first Executive Secretary of TIRC/CTR 1954-1961; Executive Director, CTR 1961-1971; Executive Vice President and Secretary, CTR 1971-1980; President, CTR 1981-1984.
255	Hueper	Wilhelm C.	Joint Industry Research; Special 4 Account Former Chief of Environmental Cancer Research for National Cancer Institute (1968).

	Last Name	First Name	Current Positions and Work Histories
256	Hughes	Dr. Ivor W. ("Wally")	Tobacco Institute Chairman Executive Committee, Brown & Williamson (1985); Member of Tobacco Institute Executive Committee, Brown & Williamson (1981-1985); Tobacco Institute Board of Directors, Brown & Williamson (1981-1984); Council for Tobacco Research, Director (1981-1985) Industry Research Liaison Committee Public Smoking Advisory Group (predecessor to Hoel Committee) President & Chief Executive Officer, Brown & Williamson (1981-1984); B&W, Vice President Research & Development Research Director, Brown & Williamson (1981-1984); Chairman & Chief Executive Officer, Brown & Williamson (1980-1985); President & Chief Executive Officer, Brown & Williamson (08/1980-03/1985); President, Brown & Williamson (04/1979-08/1980); Senior Vice President Research & Development, Brown & Williamson (1976-1979); Executive Committee, Brown & Williamson (1975-1980); Vice President Research & Development, Brown & Williamson (1973-1976).
257	Humber	Thomas	Chairman, Tobacco Institute Communications Committee, Brown & Williamson (1984-1987); Member, Tobacco Institute Communications Committee, Brown & Williamson (1984-1986) INFOTAB Advisory Board (1982).

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	Last Name	First Name	Current Positions and Work Histories
258	Inman	Joe	Currently Executive Vice President - Operations for R.J. Reynolds Tobacco Company. Inman joined Reynolds Tobacco in 1969 as an employee of the manufacturing department. By 1978 he had moved to the position of production quality checker. He became a supervisor in cigarette making and packing in 1979. He was named quality assurance supervisor in 1981, and later that year Inman was promoted to assistant plant quality assurance manager. In 1982, Inman became plant quality assurance manager. In 1984, he was promoted to brand R&D manager. He was named manager - product development in 1988. In 1992, he was promoted to senior manager - brands for R&D, and later that year became director - brands for R&D. The following year, Inman was named director - manufacturing and was promoted to vice president - manufacturing in 1994. In July 2002, he was promoted to his current position of executive vice president - operations.
259	Irby	R.M.	Manager of New Products Division for Research and Development, American Tobacco (approx. 1955-1979).

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	Last Name	First Name	Current Positions and Work Histories
260	Jacobs	Edwin J.	Attorney: Jacob, Medinger & Finnegan; Counsel for R.J. Reynolds, B&W, and U.S. Tobacco; (1963-1998) Davis, Polk & Wardwell; Cabell, Medinger, Forsyth & Decker; Forsyth, Decker & Murray; Medinger, Forsyth & Decker; Lauterstein & Lauterstein; Jacob, Medinger & Finnegan, Attorney; identified as external counsel on privilege log glossaries submitted by defendants BATCo, CTR, and TI; was also external counsel for R.J. Reynolds and Brown & Williamson. Managed Special 4 Account ICOSI Social Acceptability Work Party (1979) Public Smoking Advisory Group (predecessor to Hoel Committee).
261	Jacobson	Leon O.	Council for Tobacco Research Chairman of the Board (1981-1989); Council for Tobacco Research Scientific Advisory Board (1954-1991).
262	Janis	Joseph M.	Industry Consultant; Special Account #4 (1981); Council for Tobacco Research Special Project #102 (1979-81).
263	Jeltema	Melissa	Philip Morris USA Scientist (approx. 1982-2000).
264	Jenkins	Roger	Oak Ridge National Laboratories-Oak Ridge, Tennessee; SHB Special Account Research; RJR consultant (approx. 1988-2000+).
265	Jenson	Alfred Bennett	Industry Consultant, Special Account #4; Council for Tobacco Research Special Project #114 (1982-91); SHB Special Account Research (1992).

	Last Name	First Name	Current Positions and Work Histories
266	Johnson	Anne	2000 B.A.T Industries p.l.c. - Director, Investments 1998 BATCo - Internal Counsel 1994 - 1995 B.A.T Industries p.l.c. - Deputy Head, New Business Development (Legal) 1989 BAT (Windsor House) Ltd. - Senior Counsel 1983 - 1985 BATCo - Senior Assistant Counsel 1979 - 1980 BATCo - Internal Counsel.
267	Johnson	F. Ross	RJR Nabisco CEO in 1994.
268	Johnson	J.M.	Chemist, Lorillard's Research Center, Greensboro (approx. 1981-2000).
269	Johnson	R.R.	1987 Brown & Williamson - Employee.
270	Johnston	Donald S.	American Tobacco Co., President & CEO; Council for Tobacco Research Board of Directors (1991-1995).
271	Johnston, Jr.	Myron E.	Retired (10/1993); Senior Economist, Research & Development, Philip Morris Incorporated (1969-10./1993); Research Economist, Philip Morris Incorporated (11/1965-1969).
272	Jones	Jan	Manager of Business Development, Consumer Research, Philip Morris Incorporated (Approx. 1980-1998).

	Last Name	First Name	Current Positions and Work Histories
273	Kabat	Geoffrey C.	American Heart Foundation-Wynder associate. Co-authored article on ETS with Enstrom published in 2003. Industry paid in excess of $500,000 for the research that concluded that there is no significant association between passive smoking and tobacco-related diseases in never smokers married to smokers.
274	Kass	Dr. T.	Svenska Tobaks AB (Sweden) CIAR Director 1994-1996.
275	Kastenbaum	Marvin, A., PhD.	Grantee, Council for Tobacco Research (1985. 1987-1992); Council for Tobacco Research Special Projects Industry Research Liaison Committee Hoel Committee Special 4 Account Tobacco Institute, Director of Statistics (1970-1987).
276	Keith	Scott R.	S.R. Keith worked for B&W in the MR Department as Associate Analyst from 1978-79 and Analyst in 1979. (Source: B&W's Initial Disclosure, State of Texas vs. ATC, et al., 6/5/96).
277	Kensler	Charles	Arthur D. Little Inc. Senior Vice President (1968); Arthur D. Little, Inc. (1954-1957, 1960-1985).
278	Kent	Herbert A.	Lorillard, President and Chairman of the Board. Worked for Lorillard from approx. 1938-1955.
279	Kentoff	David	Attorney: Arnold & Porter, Counsel for Philip Morris (06/01/1966-Present).

	Last Name	First Name	Current Positions and Work Histories
280	Kersey	Robert L.	Vice President Research & Development, Liggett (1978-1987); Director of Research & Development Department, Liggett (1975-1978); Industry Research Liaison Committee Chemist, Liggett (1953-1960).
281	Kieling	Richard F.	Director of Market Research, Lorillard (approx. 1958-1970).
282	Killen	Joan	Currently Change Management Team Lead (SAP Project) B&W.
283	King	Trevor C.H.	Imperial Tobacco Ltd. ICOSI Social Acceptability Working Party (1979) INFOTAB Advisory Board 1982; INFOTAB Director (1983, 1985-1986).
284	Kingan	Charles M.	Liggett Executive VP and Chief Financial Officer.
285	Kirschbaum	Marti	Philip Morris Incorporated and Philip Morris USA Youth Smoking Prevention (2000-2001+).
286	Kirwan	John	1927 - 1964 BATCo - Scientific Control Laboratory, Chemist.
287	Kloepfer	William	Communications Committee Member, Tobacco Institute (1970-1987); Vice President Public Relations, Tobacco Institute (1968-1971); Senior Vice President Public Relations, Tobacco Institute (1967-1984); Hoel Committee Industry Research Liaison Committee Testified at 1969 Hearings.

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	Last Name	First Name	Current Positions and Work Histories
288	Kochevar	John	Philip Morris USA Vice President (approx. 1984-1989).
289	Kohnhorst	Earl E.	1983 - Current [2000] B&W - Research & Development, Executive V.P. and Chief Operating Officer.
290	Koo	Linda	Industry ETS Consultant in Asia. Worked with Rylander. Late 1980's-early 1990's.
291	Kovatch	Mark	Brown & Williamson - Affiliate Employee (approx. 1982-1998).
292	Krash	Abe	Attorney: Arnold & Porter, Counsel for Philip Morris (03/01/1953-Present); Executive Committee Meetings, Tobacco Institute (1971, 1973-1974).
293	Kreisher	John H.	Council for Tobacco Research Associate Research Director (1966-1978).
294	Kuhlenschmidt	Ulrich	Rothmans International Employee ICOSI Social Acceptability Working Party (1979).
295	Kupper	Lawrence L.	Industry Consultant received Special Account 4 and CTR Special Project funds from approx. 1978-1987.
296	Lacy	Paul	Washington University Student, 1971, Institutional Grantee worked with Lauren Ackerman. Grant was to research the immunologic aspects of cancer and was funded by Brown & Williamson, Liggett, Lorillard, Philip Morris, R.J. Reynolds, and United States Tobacco.

	Last Name	First Name	Current Positions and Work Histories
297	Landry	John T.	Senior Vice President, Philip Morris Incorporated (1976-1983); ICOSI Social Acceptability Working Party (1977-1978) Executive Vice President, Director of Marketing, Philip Morris Incorporated (1973-1977); Vice President, Philip Morris Incorporated (1969-1975); Board of Directors, Philip Morris Incorporated (1972); Group Vice President, Director of Marketing, Philip Morris Incorporated (1969-1972); Vice President, Group Marketing Director of Tobacco Products, Philip Morris Domestic (1966-1968); Vice President, Group Marketing Director of Tobacco Products, Consumer Products Division of Philip Morris Incorporated (1965), Brand Manager Parliament, Philip Morris Incorporated (1958); Retired Spring 1986.
298	Lauinger	Susan	Philip Morris USA Inc. Brand Manager, Parliament (approx. 1995-2001).
299	Lawrence	Brian	RJR employee (approx. 1978-1999).
300	Layard	Maxwell, Ph.D.	Philip Morris Domestic -Statistical consultant from Failure Analysis Associates (FaAA) Layard Associates (Approx. 1987-1998).
301	Leach	Michael	W.D. & H.O. Wills (Australia) Limited Employee.
302	Leake	Preston	Director of Research and Development, American Tobacco (approx. 1976-1988).

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	Last Name	First Name	Current Positions and Work Histories
303	Lee	Peter N.	Industry Consultant; Scientist funded by (TRC) TMA, British Industry Association Associate Member of Association for Research on Indoor Air or ARIA. Statistician: Tobacco Research Council Laboratories (1956-1974); Tobacco Research Council/Tobacco Advisory Council as statistician and research co-ordinator (1974-1978); Independent Consultant (1979-) (800144532-800144560) to Tobacco Institute P.N. Lee Statistics and Computing, Ltd.
304	Leslie	George B., Ph.D.	Bioassay Limited Employee Pharmacologist/toxicologist, Biggleswade, UK ARIA (Approx. 1988-1998+).
305	LeVois	Maurice, Ph.D.	Philip Morris Consultant (approx. 1989-2000) Tobacco Institute Consultant Environmental Health Resources.

	Last Name	First Name	Current Positions and Work Histories
306	Lewis	Jane Y.	Philip Morris Incorporated Vice President, Scientific Technical Services, Philip Morris Incorporated (1/1/2001+); PM Director New Technology, Philip Morris Incorporated (7/1/1999-1/1/2001); Manager, Analytical Methods & Applications, Philip Morris Incorporated (2/1/1998 7/1/1999); Manager, Product Testing Laboratory, Research & Development, Philip Morris Incorporated (3/1/1997-2/1/1998); Manager, Product Testing Lab, Philip Morris Incorporated (3/1/1995-3/1/1997); Manager, Chemical Flavor, Philip Morris Incorporated (9/16/1992-3/1/1995); Group Supervisor, Flavor Center Quality Assurance, Philip Morris Incorporated (5/1/1990-9/16/1992); Secretary, Analysis, Philip Morris Incorporated (5/1/1988-5/1/1990); Scientist, Philip Morris Incorporated (3/19/1984-5/1/1988).
307	Lewis	Robert J.	Attorney Tobacco Institute (approx. 1985-1993) Senior Vice President Federal Regulations and Counsel.
308	Liao	Sarah	EHS Consultants Hong Kong Industry ETS Consultant (approx. 1989-1997).
309	Liebengood	Howard	Executive Vice President, Government Affairs, Philip Morris Companies (08/1995-_); Tobacco Institute Board of Directors (1995-1998); Vice President, Tobacco Institute (1983-84).

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	Last Name	First Name	Current Positions and Work Histories
310	Lincoln	Jetson E. ("Jet")	Vice President, Philip Morris Cos.(1985); Vice President, Strategic Research, Philip Morris Incorporated (08/1984-1985); Vice President, Corporate Human Resources (03/1972-07/1984); Vice President, Planning, Philip Morris Incorporated (1968-1970); Vice President, Finance & Planning, Philip Morris Domestic (1966-1967); Director of Marketing - Planning, Tobacco Products, Consumer Products Division, Philip Morris Incorporated (1965-1966); Director of Marketing Research, Philip Morris Incorporated (1957); Assistant Director of Marketing Research, Philip Morris Incorporated (1956).
311	Lincoln	Carol	Carol Lincoln worked for B&W as Librarian and Information Specialist in the RD&E Department from 1984-90. (Source: B&W's Initial Disclosure, State of Texas vs. ATC, et al., 6/5/96).
312	Litwin	D.A.	Brown & Williamson Assistant Brand Manager.

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	Last Name	First Name	Current Positions and Work Histories
313	Lockhart	C. H. Stewart	7/31/83-3/31/81 B.A.T Industries p.l.c. - Retired; 1/1/80 BATCo - Chairman; 1978 ICOSI Exec. Comm. 1980 ICOSI Director 1981INFOTAB Director 1976 Operation Berkshire 9/28/76 BATCo - Managing Director; 7/23/76 BATCo - Deputy Chairman; 1/11/66 - B.A.T Industries p.l.c. - Director; 7/31/83 BATCo - Director; 2/1/65 BAT (Uganda) - Director; Chairman; 2/1/65 BAT (Tanzania) - Chairman; 2/1/65 BAT (Kenya) - Chairman; 11/6/63 East African Toba.

	Last Name	First Name	Current Positions and Work Histories
314	Logue	Mayada A.	Manager, Constituency Relations, Philip Morris Management Corporation (8/17/2001+); Manager, Corporate Affairs Programs, Philip Morris Management Corporation (5/1/1998-8/16/2001); Manager, Worldwide Regulatory Affairs, Philip Morris Management Corporation (9/1/1995-4/30/1998); Senior Analyst, Worldwide Regulatory Affairs, Philip Morris USA Inc. (8/1/1993-8/31/1995); Senior Analyst, Scientific Regulations, Philip Morris Management Corporation (2/1/1992-8/1/1993); Scientist, Philip Morris Management Corporations (10/24/1988-2/1/1992); Resignation, Philip Morris USA Inc. (1/16/1981- 10/24/1988); Professional, Philip Morris USA Inc. (2/9/1979-1/16/1981); Professional A, Philip Morris USA Inc. (6/5/1978-2/9/1979); Resignation, Philip Morris USA Inc. (9/3/1976-6/5/1978); Professional Associate A, Philip Morris USA Inc. (12/2/1974-9/3/1976) Tobacco Institute ETS Coordinating Committee.

	Last Name	First Name	Current Positions and Work Histories
315	Long	John	John R. Long is currently Vice President & General Counsel of Liggett Vector Brands. John Long manages the legal affairs of the company. In that capacity he has familiarity with Liggett Vector Brands efforts to comply with the Master Settlement Agreement, including what efforts, if any, that Liggett has undertaken to avoid marketing to youth. His previous employment at Liggett: 1985-1990: Legal Department, Liggett Group Inc. He was previously in private practice in Washington, DC, then was counsel to a committee of the U.S. House of Representatives. He was in private law practice in North Carolina for ten years (1991-2001) before joining Liggett Vector Brands in 2001.
316	Lougee	Virginius B., III	President and Chief Executive Officer, American Tobacco Co.; Director, Council for Tobacco Research (1977-1985).
317	Lowrey	Alfred	(Deceased) United States Naval Research Laboratory. In 1985 he and EPA's James Repace, calculated that about 5,000 nonsmokers die of lung cancer every year in the United States, based on average exposures of 0-14 mg tar per day, and an assumption of five lung cancer deaths per 100,000 persons exposed per milligram of daily tar exposure (derived from the better-known "mainstream smoke" dose-response relations and the observation of no thresholds).
318	Luken	Thomas	United States Congressman; Chairman, House Subcommittee. Held hearings on filters in 1958.

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	Last Name	First Name	Current Positions and Work Histories
319	Lunau	Frank	Industry Consultant, ARIA (approx. 1988-1993+) Occupational hygienist, Kingston, Surrey, UK.
320	Lynch	Kenneth M.	(deceased) Council for Tobacco Research, Scientific Advisory Board Member 3/31/54-11/29/74.
321	Mace, Jr.	C.V.	Philip Morris Research and Development Employee (approx. 1953-1988)
322	Maddox	Robert	1965 - 1984 Wyatt, Grafton & Sloss - Counsel. BATCo sent contentious research and development reports to Maddox rather than to scientists at B&W. Maddox would review the documents with B&W.
323	Maher	Graham Franklin	2000 BAT (Australia) - Affiliate Counsel 1997 - 1999 W.D. & H.O. Wills - Affiliate Counsel (1996) Mallesons Stephen Jaques, Legal Department.
324	Malmfors	Torbjorn	Principal, Malmfors Consulting AB, Stockholm, Philip Morris Consultant (approx. 1988-1999) Toxicologist, Karolinska Institute, Sweden ARIA/EGIL.
325	Malmgren	Kurt	Division Director, Tobacco Institute; (approx. 1989-1994) Senior Vice President of State Activities, Tobacco Institute.
326	Manning	Richard A	U.S. Tobacco Council for Tobacco Research, Director 1980-1987.

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	Last Name	First Name	Current Positions and Work Histories
327	Marcotullio	Richard J	RJR VP Corporate Affairs ICOSI Social Acceptability Working Party (1979) ICOSI Director (1980) INFOTAB Member Advisory Board (1982) INFOTAB Director (1983;1985-1986) TDC Director (1993) IEMC (1993-).
328	Marmor	R.S.	Lorillard Scientist (approx. 1973-1989).
329	Marple	William	Attorney: Jones, Day, Reavis & Pogue; Counsel for R.J. Reynolds (approx. 1985-2002+).
330	Martin	Bobby R.	Philip Morris Technician 3, Analytical Methods Investigation (approx. 1978-2002).

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	Last Name	First Name	Current Positions and Work Histories
331	Maxwell	Hamish	Board of Directors, Philip Morris Incorporated (1974-1991); Chief Executive Officer, Philip Morris Companies (1984-1991); Chairman of the Board, Philip Morris Companies (1984-1991); President and Chief Operating Officer, Philip Morris Incorporated (1983); President and Chief Executive Officer, Philip Morris International (1978-1982); Executive Vice President, Philip Morris Incorporated (1978-1982); Senior Vice President, Philip Morris Incorporated (1976-1977); Executive Vice President, Philip Morris Incorporated (1975-1977); Vice President, Philip Morris International (1973-1975); Regional Vice President - Asia/Pacific, Philip Morris International (1970-1972); Vice President, Philip Morris Incorporated (1969-1972); Vice President, Philip Morris International (1968-1969); Retired (08/1991).
332	McAllister	Harmon C.	Council for Tobacco Research Scientific Director & Vice President/Research 1983-at least 1996.
333	McCarthy	J.B.	American Tobacco- Executive Vice President.

	Last Name	First Name	Current Positions and Work Histories
334	McCarty	Charles; C.I.	Chairman & Chief Executive Officer, Brown & Williamson (1977-1980); President & Chief Executive Officer, Brown & Williamson (1976-1977); President, Brown & Williamson (1974-1976); Executive Committee, Brown & Williamson (1973-1980); Executive Vice President, Brown & Williamson (1973-1974); Vice President, Marketing, Brown & Williamson (1971-1972); Member of Brown & Williamson Board of Directors Resigned, Brown & Williamson (1980) Director of Tobacco Institute's Executive Committee.
335	McComas	O. Parker	(deceased). Chief Executive Officer, Philip Morris (1954-1958); President, Philip Morris(1949-1958); Executive Vice President, Philip Morris (1947-1949); Vice President, Philip Morris (1946-1947); Director, Philip Morris (1946-1957).
336	McCormick, Esq.	Anthony D.	1956 - 1974 BATCo - Company Secretary; Counsel; Director 1961 Brown & Williamson - Counsel.
337	McGraw	Mick	1996-1999-British American Tobacco (Holdings) Limited - Legal Director; 1996-1997-BATCo - Internal Counsel; 1999 & 1988-1996 VP Brown & Williamson.
338	McKeown	Frank E.	Frank McKeown worked for B&W in the Marketing Department as Group Product Director of Kool and Arctic Lights in 1980, Group Product Manager of Kool and KSL in 1979, and Brand Manager of Belair, Tramps, and SWR in 1975.

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	Last Name	First Name	Current Positions and Work Histories
339	Mellman	Andy; A.J.	Group Product Director, 1983; Director of Marketing Research, 1984.
340	Meyer	Leo F.	Former Philip Morris Scientist, (approx. 1963-1998) Director of Research and Development.
341	Meyner	Robert B.	Meyner & Landis - Neward, New Jersey. Former Governor of New Jersey, served as Code Administrator for industry's voluntary Cigarette Advertising Code 1964.
342	Michaelson	Dr. Micheal G.	Attorney: Covington & Burling (Approx. 1986-1996) Hoel Committee.
343	Millhiser	Ross R.	Philip Morris Vice-Chairman of the Board; President, Board of Directors; Executive Committee Council for Tobacco Research (1971) Employed by PM from approx. 1955-2001.
344	Mills	John ("Jack") F.	Tobacco Institute Senior Vice President Federal Relations (TI employee approx. 1966-1983).
345	Minnemeyer	Harry	Lorillard Director of Research Department. Employed by Lorillard approx. 1960-1992.
346	Monahan	Ellen	RJR Marketing Development Department.
347	Moorefield	Monica	RJR employee.

	Last Name	First Name	Current Positions and Work Histories
348	Morgan	J.P.	Lorillard Research Center (Approx. 1972-2000).
349	Morini	H.Alec	1963 - 1988 BATCo - Counsel, Head of Legal Department; Director.
350	Morrison	Margaret Ann	Margaret Ann Morrison, Ph.D. Dr. Morrison is an Associate Professor in the School of Advertising and Public Relations at the University of Tennessee. Dr. Morrison's prior employment and education included: • 1996: Ph.D. in mass communication, University of Georgia • 1996-2002: Assistant Professor in the School of Advertising and Public Relations, University of Tennessee • 2002-present: Associate Professor in the School of Advertising and Public Relations, University of Tennessee • 1999-2000: Group Manager, Event Marketing Department, in charge of Bar and Music Programs for various brands Dr. Morrison has been retained as a research consultant by the United States in this litigation.
351	Morrissey	Mark A.	Vice President Young & Rubicam New York.
352	Morse	Roy E.	R.J. Reynolds Council for Tobacco Research, Director (1981-1983).
353	Mozingo	Roger L	R.J. Reynolds President; Senior Vice President, Tobacco Institute (1983-87); Vice President, Government Affairs, Tobacco Institute (1976-82); Director, Field Activities, Tobacco Institute Hoel Committee.

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	Last Name	First Name	Current Positions and Work Histories
354	Mueller	Dr. Lutz.	RJR Employee, R&D Scientific Affairs, Cologne Office CIAR, Director (1994-1998).
355	Mullen	Charles H.	American Tobacco Company, Senior Vice President of Sales; President, CEO; American Brands, Vice President, Tobacco; Council for Tobacco Research, Board of Directors 1987-1992.
356	Mulligan	Raymond J.	Liggett Executive President, CEO.
357	Murray	Tyrone W.	Director, Programs, Philip Morris USA Inc.; President, Technical Resources, Philip Morris USA Inc. Employed by Philip Morris from approximately 1986-2000.
358	Murray	J.S., III	Attorney: Liggett Group General Counsel; Tobacco Institute Committee of Counsel (1982-1992,1994-1995, 1998).

	Last Name	First Name	Current Positions and Work Histories
359	Murray	R. William	Chairman of the Board of Philip Morris Companies Inc. (06/18/1994-1995); Vice Chairman For Worldwide Food, Philip Morris Companies Inc. (05/25/1994-06/17/1994); President and Chief Operating Officer, Philip Morris Companies, Inc. (04/1991-05/24/1994); Vice Chairman, Philip Morris Companies Inc. (04/01/1987-04/1991); Elected to the board of Directors, Philip Morris Companies Inc. (10/01/1984); President and Chief Executive Officer, Philip Morris International (12/83-04/01/1987); Executive Vice President, Philip Morris International (1978-1983); Vice President, Philip Morris Incorporated (02/1976-1978); President of Philip Morris Europe/Middle East/Africa (1975-1982); Vice President-Canada and Elected President of Benson & Hedges-Canada (10/1974); Director of Finance, Philip Morris International (1972-1973); Vice President of Finance, Philip Morris International (1971-1972); Manager, Finance, PM Europe Lausanne, Switzerland--Acting Director, Finance, PM Europe Lausanne Switzerland (1970-1971) Operation Berkshire (1976) ICOSI Exec. Comm. 1978; 1979; ICOSI, Director 1980; INFOTAB Director 1983-1984 Council for Tobacco Research, Director 1987-1991; Operation Downunder (1987).

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	Last Name	First Name	Current Positions and Work Histories
360	Nelson	John	Senior Vice President Research & Development, Philip Morris Incorporated (approx. 1985-1999).
361	Newman	Fredric S.	Attorney: Vice President & General Counsel, Philip Morris Incorporated (1987-1990); Tobacco Institute Committee of Counsel (1989-1990) Left Philip Morris (10/1990); Assistant General Counsel, Philip Morris Incorporated (1981-1987); Associate, White & Case, Counsel for Brown & Williamson (1970-1980).
362	Nordsiek	Frederic W.	Deceased. Council for Tobacco Research, Research Associate.
363	Norman	Dr. Vello	Vice President, Research & Development, Fire-safe issues, Lorillard; Director, Product Development, Lorillard (1991); Formerly of Liggett & Myers; Liggett Personnel Research Department CIAR, Director (1988-1992).
364	Nyffeler	Urs	Senior Vice President, Research, Development & Engineering, Philip Morris USA Inc.; Vice Director, Product Development, Philip Morris Europe Employed by PM from approx. 1969-2002.
365	Nystrom	Charles W.	R. J. Reynolds Employee (approx. 1958-1989) assisted legal department Public Smoking Advisory Group 1982 Hoel Committee.

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	Last Name	First Name	Current Positions and Work Histories
366	O'Connor	William	Assistant General Counsel, PM 1984.
367	Ogden	Michael W.	RJR Employee (approximately 1986-2002+) Director of Biological Chemistry in the Research and Development Department of R. J. Reynolds Tobacco Company (in 2002) CORESTA's ETS Subgroup 1996-1997.
368	Oldaker	Guy B.	Former R.J. Reynolds Senior Staff R&D Chemist (approx. 1986-1992) CIAR, Director CIAR, Executive Director 1988; Hoel Committee; TI-ETS Coordinating Committee Currently a lawyer in private practice in North Carolina.
369	Oldman	Martin	1977 - 1988 BATCo - Employee, Research & Development. Member of INFOTAB.
370	O'Neill	Bernard	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris, Lorillard and Brown and Williamson. Approx. 1976-1997.
371	Osmon	Herb	RJR, External Affairs (approx. 1980-1993+) Staff Vice President, Public Policy (1993) Tobacco Institute Communications Committee, R. J. Reynolds (1985) Tobacco Institute ETS Coordinating Committee.

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	Last Name	First Name	Current Positions and Work Histories
372	Pages	Robert (" Bob") A.	Director, Science & Technology, Philip Morris Incorporated (-12/92); Scientist- Richmond, Philip Morris Incorporated; Tobacco Institute ETS Advisory Group Member (1984-88) Hoel Committee; CIAR Director 1988-1993 Tobacco Institute Coordinating Committee.
373	Parmele	H.B.	Lorillard, Vice President and Director of Research (Employed from approx. 1930-1968).
374	Parrack	E.T.	Brown & Williamson-Vice President of Brand Management (approx. 1976-1986).
375	Payne	Tommy J.	RJR Employee (approx. 1989-2001+) Attorney: Vice President, External Relations, R.J. Reynolds; Director, Federal Government Affairs, RJR Nabisco Manager, Federal Government Issues, RJR Nabisco Tobacco Institute Committee of Counsel Tobacco Institute ETS Coordinating Committee.
376	Penick	W.R.	RJR Marketing Development (approx. 1986-1992).

	Last Name	First Name	Current Positions and Work Histories
377	Pepples	Ernest	Attorney: Tobacco Institute Vice Chairman Executive Committee, Brown & Williamson (1985); Tobacco Institute Executive Committee, Brown & Williamson (1982-1987); Tobacco Institute Board of Directors, Brown & Williamson (1982-1984); Council for Tobacco Research Director, Brown & Williamson (1979-1996)); Senior Vice President and General Counsel, Brown & Williamson (1981-1987); Chairman Committee of Counsel, Tobacco Institute (1977-1981; 1983-1986); Committee of Counsel, Tobacco Institute (1976) Vice President, General Counsel, Brown & Williamson (1975-1980); Assistant General Counsel & Secretary, Brown & Williamson (1972); Secretary of Board of Director, Brown & Williamson (1972).
378	Perfetti	Dr. Thomas A.	Scientist. Research and Development. R.J. Reynolds (approx. 1982-2004). Retired from RJR 2004.
379	Perry	Roger	Imperial College (London University) Centre for Environmental Control and Waste Management; Consultant to Philip Morris Asia, the T.A.C. and ARIA Consultant (approx. 1985-1994).
380	Peterson	J. Whitney	(dod 1959) President, U.S. Tobacco Company 1953.
381	Peto	R.	1983 Clinical Trial Service Unit, Radcliffe Infirmary.
382	Piehl	Dr. D.H.	RJR Scientist (approx. 1966-1999).
383	Pierce	G. Barry, Jr.	Council for Tobacco Research Vice Chairman from 1990-1992. CTR SAB 1982-1988.

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	Last Name	First Name	Current Positions and Work Histories
384	Pierce	J.P.	Conducted research regarding cigarette advertising and its effect on youth between approximately 1998-2000.
385	Pittman	Robert	Executive Committee, Brown & Williamson (1975-1980); Vice President, Marketing, Brown & Williamson (1973-_); Director of Advertising & Brand Management, Brown & Williamson (_-1973); Resigned, Brown & Williamson (1980).
386	Podraza	Kenneth	Director, Product Integrity, Philip Morris USA Inc. (11/01/2000+); Director, Analytical Methods/Applications, Philip Morris USA Inc. (07/01/1999-11/01/2000); Manager, Product Testing Laboratory, Philip Morris USA Inc. 03/01/1997-07/01/1999); Senior Research Scientist, Philip Morris USA Inc. (04/25/1994-03/01/1997); Senior Research Scientist/Engineer, Philip Morris USA Inc. (03/16/1994-04/25/1994); Research Scientist, Philip Morris USA Inc.(10/01/1986-03/16/1994); Scientist, Philip Morris USA Inc. (10/01/1982-10/01/1986); Associate Scientist B, Philip Morris USA Inc. (03/29/1981-10/01/1982); Associate Professional A, Philip Morris USA Inc. (12/29/1980-03/29/1981).

	Last Name	First Name	Current Positions and Work Histories
387	Pollack	Lester	Attorney: Vice Chairman, Loews (1980); Executive Vice President, Loews (1978); Executive Committee, Loews (1972-1974, 1978, 1980-1981); Director, Loews (1972-1974, 1978, 1980-1981); Senior Vice President, Loews (1972-1974).
388	Pollak	Lee	Attorney: Hunton & Williams, Counsel for Philip Morris (07/01/98-Present); Philip Morris International Inc. Senior Vice President & General Counsel (06/01/1987-06/30/98); Senior Assistant General Counsel, Philip Morris International (02/01/1984-06/01/1987); General Counsel Vice President of Planning and Region Coordinator, Philip Morris International (01/06/1981-_); Vice President and Chief Administrative Officer, Philip Morris International (11/10/1978-_); Executive Vice President and Assistant General Counsel, Philip Morris International (11/01/1970-01/30/1984); Conboy, Hewitt, O'Brien & Boardman, Counsel for Philip Morris (1960-1970).
389	Porter, Esq.	Alan D.	2000 - 2001 Brown & Williamson - Affiliate Counsel 1998 BATCo - Internal Counsel 1996 - 2000Imperial Tobacco Ltd. (UK) - Joint Defense Counsel 1994 - 1996 B.A.T. Industries p.l.c. - Affiliate Counsel 1992 - 1994 Imperial Tobacco Ltd. (UK) - Joint Defense Counsel.

	Last Name	First Name	Current Positions and Work Histories
390	Pottorff	Mary "Mopsy"	Director, Corporate Affairs, Philip Morris International (06/26/2001-05/31/2002); Director, Corporate Affairs, Philip Morris International-Rye Brook (01/15/2001-06/26/2001); Director, Worldwide Regulatory Affairs, Philip Morris Management Corporation (06/01/1996-01/15/2001); Manager, Worldwide Regulatory Affairs, Philip Morris USA Inc. (08/01/1993-06/01/1996); Manager, Scientific Affairs, Philip Morris Management Corporation (01/01/1991-08/01/1993); Manager, Corporate Affairs, Philip Morris International (10/01/1984-01/01/1991) Council for Tobacco Research (1969-1981).
391	Powers	Charles	Tobacco Institute Employee (approx. 1988-1991) Senior Vice President - Public Affairs, T.I.
392	Prideaux	Michael	1989 - 2000 B.A.T Industries p.l.c. - Director, Group Public Affairs.
393	Pritchard	Raymond J.	Tobacco Institute Executive Committee; Chairman & CEO for B&W from 1985-1988. Council for Tobacco Research, Director 1985-1993 Council for Tobacco Research, Executive Committee of the Board of Directors 1986.

	Last Name	First Name	Current Positions and Work Histories
394	Pullen	Lester W.	President and Chief Executive Officer, R.J. Reynolds Tobacco International, Inc. Elected Director-March 2, 1987. INFOTAB, Director 1983-1984 Retired/resigned office, December 31, 1989.
395	Purcell	Clare	Vice President, Corporate Affairs, Philip Morris Management Corporation (01/01/2002+); Director, Corporate Communications, Philip Morris Management Corporation (11/01/1999-12/31/2001); Manager, Corporate Affairs Policy, Philip Morris Management Corporation (01/01/1999-10/31/1999); Operations Strategy Planner, Philip Morris USA Inc. (12/01/1996-12/31/1998); Manager, Strategic Planning & Budget, Philip Morris Management Corporation (11/01/1994-11/30/1996); Manager, Legal Issues, Philip Morris Management Corporation (06/01/1991-10/31/1994); Supervisor, Legal Issues, Philip Morris Management Corporation (10/01/1990-05/31/1991); Supervisor, Legal Support, Philip Morris Management Corporation (10/01/1988-09/30/1990); Paralegal II, Philip Morris Management Corporation (01/11/1987-09/30/1988); Paralegal II, Philip Morris Companies, Incorporated (05/05/1986-01/10/1987).
396	Raffle	Stephen	Tobacco Institute Spokesman/Scientist (approx. 1988-1994).

	Last Name	First Name	Current Positions and Work Histories
397	Ramm	Henry H. H.	(deceased). Attorney: Chairman & President, Council for Tobacco Research (1971-1975); Vice President, R. J. Reynolds (1957-1970); General Counsel, R. J. Reynolds (1955-1970) Chairman, Committee of Counsel.
398	Randour	Paul A.	Attorney: Chadbourne, Parke, Whiteside & Wolf, Counsel for American Tobacco; Senior Vice President & General Counsel, American Brands Tobacco Institute Committee of Counsel (1986-1990).
399	Rao	L.G.S.	Industry Consultant; Special Account #4, Council for Tobacco Research Special Project; Bio Research Labs (1973-1986).
400	Ravlin	James N.	Attorney: Former General Counsel Brown & Williamson 1958 - 1966 Brown & Williamson - Counsel.
401	Reasor	Mark J., Ph.D.	Tobacco Institute consultant CEHHT/IAPAG. Approx. 1985-1993. Toxicologist, West Virginia University Medical Center.
402	Regna	Harold	CTR Special Project Recipient with Duncan E. Hutcheon from approximately 1979-1984.
403	Reid	G.T.	Brown & Williamson Senior Brand Manager.
404	Reid	W.W.	1970's - 1980's BATCo - Research & Development, Flavor Chemist 1960's - 1970's W.D. & H.O. Wills - Research Chief Scientist, British Tobacco Company (Australia) Limited.

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	Last Name	First Name	Current Positions and Work Histories
405	Reid	Jack	Lorillard Director, Research 1993-2001+.
406	Reilly	William K.	Administrator EPA (April 21, 1989).
407	Reininghaus	Wolf	Philip Morris INBIFO Director, Chairman and General Manager, Germany. From approximately 1975-1998.
408	Rembiszewski	Jimmi	1996 - 2001 British-American Tobacco (Holdings) Ltd.- Director 1994 - 1995 BATCo - Marketing Director 1993 - 1994 British-American Tobacco (Holdings) Ltd.- Regional Director (Europe), Marketing 1991 BATCo - Director.
409	Remes	David	Attorney: Covington & Burling -1988-2002; Counsel for Tobacco Institute and Philip Morris International; Tobacco Institute ETS Advisory Group Member.
410	Repace	James	EPA employee.

	Last Name	First Name	Current Positions and Work Histories
411	Resnik	Frank	Deceased. Chairman, INFOTAB, (1990) Tobacco Institute Chairman Executive Committee (1986-1987); Tobacco Institute Director, (1985-1986); President & Chief Executive Officer, Philip Morris Incorporated (1984-1989); President Tobacco Technology Group, Philip Morris Incorporated (_1982-1988); Executive Vice President Technology Group, Philip Morris Incorporated (1979-1981); Vice President, Philip Morris Incorporated (_1978-1985); Vice President, Tobacco Operations, Philip Morris Incorporated (1978); Vice President, Operations Administration, Philip Morris Incorporated (1975-1977); Director of Research Center Operations, Philip Morris Incorporated (1972-1976); Research Chemist Research & Development Department, Philip Morris Incorporated (1952-1967).
412	Ricci	Edward	MCA-Graham Advertising employee during 1978-1979.
413	Rice	William Y.	RJR Employee (approx. 1966-1994).
414	Richards	James P.	President, Tobacco Institute (1958-1960). (deceased).
415	Riehl	Tilford	1970's-2000- Brown & Williamson - Director of Research & Product Development.
416	Ritchy	A.P.	RJR employee during 1972-1976.

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	Last Name	First Name	Current Positions and Work Histories
417	Robinson	Dr. John	RJR Master Scientist approximately 1989-1999.
418	Roe	Francis J. C., PhD	Philip Morris Consultant (approx. 1981-1993) Member of ARIA Toxicologist, London, UK.
419	Roemer	Henry C.	Attorney: Chairman, Committee of Counsel, Tobacco Institute (1974); Counsel, R. J. Reynolds (1958-1986); Retired, R. J. Reynolds (1986) Industry Research Liaison Committee Council for Tobacco Research, Director 1975-1979 Elected Director RJR June 18, 1970, effec. 6/29/70; Elected Secretary RJR 6/18/70, effec. 6/29/70. Resigned Director & Secretary 1/4/71.
420	Rogers	Sir Philip	1967 Tobacco Research Council Chairman.

	Last Name	First Name	Current Positions and Work Histories
421	Roper	Robert ("Bob") P.	Vice President, Marketing Services, Philip Morris USA Inc. (11/01/1993-12/31/1995); Vice President, Marketing in Ryebrook, Philip Morris International (01/01/1993-11/01/1993); Vice President, Philip Morris Asia, Philip Morris International (10/01/1989-01/01/1993); Vice President, Philip Morris Kabushiki Kaisha, Philip Morris International (11/01/1988-10/01/1989); Director, Marketing & Sales, Philip Morris International (04/15/1987-11/01/1988); Group Director, Brand Management, Philip Morris USA Inc. (01/01/1984-04/15/1987); Brand Manager, Philip Morris USA Inc. (07/01/1979-01/01/1984); Brand Manager, New Product, Philip Morris USA Inc. (11/01/1978-07/01/1979); Assistant Brand Manager, Philip Morris USA Inc. (10/10/1977-11/01/1978); Manager, Field Sales Programming, Philip Morris USA Inc. (07/12/1977-10/10/1977); Manager, Field Communications (06/01/1976-07/12/1977); Marketing Analyst Trainee, Philip Morris USA Inc. (10/01/1975-06/01/1976); Marketing Trainee, Philip Morris USA Inc. (12/02/1974-10/01/1975); Board of Directors (1958-1964); Executive Committee (1959-1966).
422	Rosene	Dr. C.J.	Brown & Williamson Employee RD&E, (approx. 1959-1995) Additives Advisory Committee Public Smoking Advisory Committee.

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	Last Name	First Name	Current Positions and Work Histories
423	Ross	Jeff	Issues Manager, Public Affairs/Public Relations Dept., Tobacco Institute. (approx. 1985-1988) Hoel Committee.
424	Ruder	William	Ruder & Finn (Public Relations for PM); Tobacco Institute Communications Committee (1984-86).
425	Rush	Sonya	Director, Database/Direct Marketing, Philip Morris USA Inc. (03/01/2000+); Senior Brand Manager, Virginia Slims, Philip Morris USA Inc. (12/01/1997-03/01/2000); Brand Manager, Virginia Slims, Philip Morris USA Inc. (07/01/1995-12/01/1997); Brand Manager, Cambridge/Alpine, Philip Morris USA Inc. (07/01/1994-07/01/1995); Associate Brand Manager, Cambridge, Philip Morris USA Inc. (11/01/1993-07/01/1994); Assistant Brand Manager, Discount Brands, Philip Morris USA Inc. (04/01/1993-11/01/1993); Senior Analyst, Planning, Philip Morris USA Inc. (07/01/1992-04/01/1993); MBA Intern, Philip Morris USA Inc. (07/16/1990-07/01/1992); Superintendent, Production, Philip Morris USA Inc. (06/01/1989-07/16/1990); Superintendent, Philip Morris USA Inc. (03/01/1988-06/01/1989); Analyst, Operations, Philip Morris USA Inc. (07/19/1983-03/01/1988).
426	Russell	Michael A. H.	Institute of Psychiatry, Addiction Research Unit, Bethlem & Mausley Hospital, London, England conducted research with BATCo on addiction in 1979.

	Last Name	First Name	Current Positions and Work Histories
427	Ryan	Frank J.	Philip Morris Research and Development Former Senior Associate Scientist, Philip Morris USA Inc. (approx. 1968-1995).
428	Rylander	Ragnar	University of Gothenburg Scientist; Philip Morris Litigation Consultant from 1972-1999+ Covert Joint Industry Consultant. Received Special 4 Account Funding from 1975-1989.
429	Sachs	Robert H.	1972 - 1988 Brown & Williamson - Affiliate Counsel 1988 - 2000 BATUS - Affiliate Counsel Vice President, Deputy General Counsel; Counsel, Brown & Williamson; BATUS.
430	Sampson	Steve	Senior Brand Manager, Marlboro Promotions, Philip Morris USA Inc. (03/01/2000+); Group Manager, Club Promotion, Philip Morris USA Inc. (04/01/1999-03/01/2000); Group Manager, Event Marketing, Marlboro Racing/Bar; Philip Morris USA Inc. (06/01/1997-04/01/1999); Group Manager, Event Marketing, Philip Morris USA Inc. (11/01/1994-06/01/1997); Manager, Event Marketing, Marlboro, Philip Morris USA Inc. (12/01/1992-11/01/1994); Manager, Automobile Racing, Philip Morris USA Inc. (10/01/1991-12/01/1992); Program Administrator, Automobile Racing, Philip Morris USA Inc. (04/01/1991-10/01/1991); Program Administrator, Marlboro, Philip Morris USA Inc. (10/08/1990-04/01/1991).

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	Last Name	First Name	Current Positions and Work Histories
431	Sanford	Robert A.	1967 - 1985 Brown & Williamson - V.P., Research & Development - Affiliate Employee Brown & Williamson Research Director.
432	Satterthwaite	F.B.	Lorillard Marketing Research Department (approx. 1970-1973).
433	Saunder	Frank	PM Corporate Affairs (approx. 1973-1981).
434	Schachter	Stanley	Psychology Professor, Columbia University Scientist; (approx. 1969-1982) Philip Morris Funding.
435	Schafer	George, M.D.	Tobacco Institute medical consultant (approx. 1979-1985) Hoel Committee.
436	Schickedantz	P.D.	Lorillard scientist (approx. 1970-1996) involved in Lorillard's Nicotine Augmentation Project in 1978.
437	Schori	Thomas R.	Philip Morris Research and Development Psychologist (1970-75); Brown & Williamson Consumer Research Department (1979-81).
438	Schreiber	M.A.	Brown & Williamson Senior New Products Manager (approx. 1978-1985).

	Last Name	First Name	Current Positions and Work Histories
439	Scott	Bradsher T.	Director, Leaf Procurement, Philip Morris USA Inc. (03/01/1998+); Director, Leaf Blending, Philip Morris USA Inc. (11/01/1993-03/01/1998); Manager, Blend PM L A, Philip Morris USA Inc., 05/16/1989-11/01/1993); Supervisor, Blending & Services, Philip Morris USA Inc. (08/01/1985-05/16/1989); Supervisor, International Leaf Services, Philip Morris USA Inc. (05/01/1985-08/01/1985); Factory Manager, Philip Morris International (02/01/1984-05/01/1985); Production Operation Technician, Philip Morris International (08/01/1982-02/01/1984); Factory Production Trainee, Philip Morris International (10/01/1981-08/01/1982); Leaf Technician, Philip Morris International (02/01/1981-10/01/1981); LA/I Leaf Trainee, Philip Morris International (02/01/1979-02/01/1981).
440	Sears	Stephen B., Ph.D.	R.J. Reynolds Employee/Consultant/Representative; (approx. 1985-1999+) Joint Defense Employee 1996; RJR employee assisted law department CIAR, Director, 1998.
441	Seeman	Jeffrey I., Ph.D.	Fellow, WorldWide Scientific Affairs, Philip Morris USA Inc. (04/01/1998-05/01/1999); Associate Principal Scientist, Philip Morris USA Inc. (06/01/1996-04/01/1998); Senior Scientist, Philip Morris USA Inc. (01/30/1981-06/01/1996); Senior Scientist, Philip Morris USA Inc. (01/30/1981-06/01/1996); Senior Professional, Philip Morris USA Inc. (11/12/1979-01/30/1981); Research Professional B, Philip Morris USA Inc. (12/06/1974-11/12/1979); Research Professional, Philip Morris USA Inc. (10/17/1973-12/06/1974).

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	Last Name	First Name	Current Positions and Work Histories
442	Seidensticker	R. [Robert] B.	Tobacco Institute Executive Committee Member, (1979-1984); Liggett Group President, Tobacco Companies (1978); Tobacco Institute Board of Directors Member (1978-82); Liggett Director, Marketing (1974); Liggett President of International Brands (1976-81); Philip Morris Europe Assistant to the President (1970) Liggett Personnel Executive VP Philip Morris Europe Marketing.

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	Last Name	First Name	Current Positions and Work Histories
443	Seligman	Dr. Robert B.	Vice President, Research & Development, Philip Morris USA Inc. (05/01/1985-06/01/1988); Vice President, Tobacco Science & Research, Tobacco Technology Group, Philip Morris USA Inc. (09/01/1981-05/01/1985); Vice President, Research & Development, Philip Morris USA Inc. (01/01/1976-09/01/1981); Director, Commercial Development, Tobacco Products, Philip Morris USA Inc. (07/01/1969- 01/01/1976); Director, Development, Philip Morris USA Inc. (1966-1971); Assistant Director, Tobacco Research & Development, Philip Morris USA Inc. (1964-1966); Manager, Development Division, Philip Morris USA Inc. (1959-1964); Assistant Manager, Development Division, Philip Morris USA Inc. (1958-1959); Assistant Manager, Research Division, Philip Morris USA Inc. (1957-1958); Supervisor, Organic Section, Research Division, Philip Morris USA Inc. (1955-1957); Scientist, Research Division, Philip Morris USA Inc. (1953-1955); Retired Vice President, Research & Development Tobacco Technology, Philip Morris.
444	Seltzer	Carl	Council for Tobacco Research Special Projects; Joint Industry Consultant Special 4 Account from 1967-1991.

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	Last Name	First Name	Current Positions and Work Histories
445	Senkus	Dr. Murray	R. J. Reynolds Vice President Research and Development; Retired 1979; CTR, Directors 1979 Joint Industry Consultant, Special 4 Account ICOSI Social Acceptability Working Party (1977-1978) Public Smoking Advisory Group.
446	Sheehy	Patrick.	1970 - 2000 BATCo- Chairman B.A.T Industries p.l.c.; 1979 - 1996 Non-Executive Director (formerly Chairman); 1994 B.A.T Industries p.l.c. - Chairman; 1970 - 1981 BATCo - Non-Executive Director; BATUS - Chairman Operation Berkshire (1976) ICOSI, Director (1980) INFOTAB, Director (1981).
447	Shelton	George	"Shelton, G A" 1948 - 1953 Brown & Williamson - Affiliate Employee Export Leaf Tobacco Co. - Affiliate Employee.
448	Sherrill	Joseph H.	RJR Employee. National Sales and Marketing (approx. 1988-2001)
449	Shinn	William W.	Attorney: Shook, Hardy & Bacon (1956-Present); Tobacco Institute Committee of Counsel, Shook, Hardy & Bacon (1977, 1979, 1982 1985); Tobacco Institute Communications Committee, Shook, Hardy & Bacon (1970, 1976 1978, 1980-1983); Counsel for Lorillard, Philip Morris, B&W.

	Last Name	First Name	Current Positions and Work Histories
450	Short	P.L.	1958 - 1986 BATCo - Manager, Marketing Department; Consultant.
451	Simmons	William Samuel	R.J. Reynolds Employee (approx. 1982-2002+); Director of Smoking and Health.
452	Simpson	Brian C.	1990 Tobacco Institute of Australia - Acting Chief Executive Officer - Industry Emply; President of INFOTAB and Tobacco Advisory Council of UK; 1987 Infotab - Industry Employee; INFOTAB, Director (1982-1983) INFOTAB, Chairman of Board of Directors (1986) INFOTAB Member Advisory Board 1985 - 1987 Tobacco Advisory Council - Industry Employee.
453	Sirridge Esq.	Patrick M.	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris (1974-Present); ETS Advisory Group Chairman (1981-83); Counsel Philip Morris, Lorillard, Brown & Williamson.
454	Slaven	R.W.	Lorillard scientist involved in Lorillard's Nicotine Manipulation Research from at least 1980-1982.
455	Slavitt	Joshua ("Josh")	Director, External Affairs, Philip Morris Management Corporation in 2001 Director, Policy & Programs, Tobacco, Philip Morris Management Corporation; Manager, Issues Planning, Philip Morris Management Corp.; Director, Policy Issues, Philip Morris Management Corp.; Senior Issues Manager, Public Affairs, Philip Morris USA Inc. (1995).

	Last Name	First Name	Current Positions and Work Histories
456	Smith	Carr J.	RJR Employee.
457	Smith	Guy L., IV	Philip Morris Vice President Corporate Affairs; Chairman, Communications Committee, Tobacco Institute (1987).
458	Smith	Jan Fulton	RJR employee.
459	Smith	Mark	1997-2000 B&W Director, Public Affairs and Issues Management.
460	Smith	Paul Davis	Attorney: Vice President & General Counsel, Philip Morris USA Inc. (12/1957-1970); Tobacco Institute Budget Committee, Philip Morris USA Inc. (1969); Secretary of the Board of Directors, Philip Morris USA Inc. (1966); Elected to the Board of Directors (01/1963); Partner, Conboy, Hewitt, O'Brien & Boardman (1948- 12/1957); Employed, Conboy, Hewitt, O'Brien, & Boardman (1940-941, 1946-1948).
461	Smith	Richard ("Dick") E.	Lorillard, Vice President, Marketing and Development. Employed by Lorillard from approx. 1970-1995.
462	Smith	William S.	Council for Tobacco Research Executive Committee; Council for Tobacco Research Board of Directors; (1973-1974) Director and Vice President, Reynolds [Chairman of RJRTC, 1974] Tobacco Institute Advertising Committee (1962 & 1972).
463	Sollis	Todd	Philip Morris, Assistant General Counsel Philip Morris International - Industry Counsel 1988.

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	Last Name	First Name	Current Positions and Work Histories
464	Solof	Louis A.	Industry Consultant received Special 4 Account funds from 1968-1982.
465	Spach	Jo F.	RJR employee (approx. 1985-1994).
466	Sparber	Peter	TI Vice President - Public Relations 1987. Consultant to TI: Sparber & Associate 1989-+ Hoel Committee.
467	Spengler	A. Mr.	RJR employee; Reemtsma employee Operation Berkshire (1976) ICOSI Executive Comm. (1978).
468	Springall	Anthony	BATCo Statistical & Computing Services; Litigation Consultant for Jacob Medinger; Philip Morris Consultant SH&B Consultant.
469	Springer	William E.	Attorney: United States Tobacco; Council for Tobacco Research Director (1974).
470	Stanford	Lee E.	Attorney: Shook, Hardy & Bacon, Counsel for Philip Morris, Lorillard, and Brown & Williamson. BATCo (1992-1995); Tobacco Institute Communications Committee (1984-87).
471	Steele	William	Director, T.I. Testing Laboratory (approx. 1966-1996).

	Last Name	First Name	Current Positions and Work Histories
472	Stephano	Stephen C.	Stephano Bros CTR Board of Directors 1971-1972.
473	Sterling	Elia M., Ph.D.	Statistician Theodor Sterling and Associates, Ltd.; SHB Special Account (1986-87) (consultant to TI / PM).
474	Sterling	Theodor D., Ph.D.	Industry Consultant; Philip Morris funded (1990-93); Testified at 1969 hearings; Special Account #4; Council for Tobacco Research Special Project s(1968-90); Shook, Hardy & Bacon Special Account (1987-90); Shook, Hardy & Bacon Research Account (1992-94); Washington University; Simon Fraser University-British Columbia, Canada School of Comuting Science, Simon Fraser University Canada.
475	Stewart-Lockhart	C. H. ("Kit")	3/31/81 - 7/31/83 B.A.T Industries p.l.c. - Retired 2/1/65 - 7/31/83 BATCo - Deputy Chairman 9/28/76 - 1/1/80 BATCo - Chairman 1/11/66 - 7/23/76 BATCo - Managing Director 2/1/65 - 2/1/65 B.A.T Industries p.l.c. - Director 10/3/60 - 11/6/63 BATCo - Director 1/1/53 - 5/1/56 BAT (Uganda) - Director; Chairman 4/6/50 - 2/1/52 BAT (Tanzania) - Chairman 11/10/47 - 7/31/48 BAT (Kenya) - Chairman East African Tobac.

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	Last Name	First Name	Current Positions and Work Histories
476	Stewart-Moore	A.W.H.	Chairman, Gallaher, Ltd. TRC Executive Committee (1967) Operation Berkshire (1976).
477	Stockdale	Bryan	RJR Employee. National Sales and Marketing (approx. 1988-2001).
478	Stockwell	Heather G.	University of South Florida, Scientist Authored 1992 study finding statistically significant increase in risk for nonsmoking wives of smoking husbands.
479	Stokes	Collin	Served on the Board of Directors for RJR in 1983 Chairman & CEO RJR from 1973-1978, Executive Vice President from 1967-1970, Vice President from 1960-1967, TI Advertising Committee in 1963 & T.I. Executive Committee (approx. 1973-1977).
480	Stowe	Mary E.	Appointed Staff VP -Product & Applied Technology R&D RJR USA-May 6, 1988; Appointed Staff Vice President-Product & Applied Technology December 21, 1989 RJR employee Head of Physical Science Section in the Chemical Research Division from 1976-1980. She also worked in the Fundamental R&D department and was Director of Applied R&D in 1981.

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	Last Name	First Name	Current Positions and Work Histories
481	Stuntz	Susan M.	Vice President - Public Relations; (Approx. 1979-1993) Senior Vice President - Public Affairs, T.I. Hoel Committee.
482	Sudholt	M.A.	Lorillard, Manager, Analytical Development (approx. 1981-2000).
483	Taussig	Eric A.	Attorney: Vice President and Associate General Counsel, Philip Morris USA Inc. (11/01/1997-Present); Vice President and Associate General Counsel, Human Resources, Philip Morris Management Corporation (05/01/1995-10/31/1997); Senior Assistant General Counsel, Personnel (11/01/1990-04/30/1995); Assistant General Counsel, Personnel, Philip Morris Management Corporation (01/01/1987-10/31/1990); Assistant General Counsel, Personnel, Philip Morris Companies, Inc. (07/01/1985-12/31/1986); Assistant General Counsel, Personnel, Philip Morris USA Inc. (01/01/1981-06/30/1985); Attorney, Philip Morris USA Inc. (01/03/1978-12/31/1980).
484	Teague Jr	Dr. Claude	R.J. Reynolds R&D Employee (1953-1984+) R&D Administration Director Research scientist.
485	Telling	William L.	1992 - 1994 Brown & Williamson - Division V.P. 1986 Brown & Williamson (Brussels) - Affiliate Employee Tobacco Institute of Japan Chairman.

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	Last Name	First Name	Current Positions and Work Histories
486	Temko	S. L.	Attorney: Covington & Burling; Tobacco Institute Committee of Counsel (1978- Present); Budget Committee (1974); Joint Defense Counsel.
487	Terry	Luther	US Surgeon General 1961-1965.
488	Thornton	Dr. R.E.	1995 Dibden Partners - Consultant; 10/1/83 -12/31/93 BATCo - Smoking Issues Manager; 6/1/83 -10/1/83 BATCo - Smoking and Health Adviser to BAT; 3/14/77 -6/1/83 Group; 10/6/64 -3/14/77 BATCo - Senior Research Scientist; 11/19/62 BATCo - Research Scientist; BATCo - Smoke Chemist ICOSI Member Smoking Behavior Group.
489	Thun	Michael	Currently Vice President, Epidemiology and Surveillance Research of the American Cancer Society.
490	Tinsley III	C. E. ("Skip")	RJR Employee (approx. 1987-2000).

	Last Name	First Name	Current Positions and Work Histories
491	Tobin	Patricia A.	Patricia A. Tobin. Patricia A. Tobin was retained by the United States to provide services as a research consultant in this case. Her research consisted of researching, locating, reviewing, abstracting, and copying advertisements, articles, and statements found in newspapers, magazines, and on web sites. From 2001 to the present, she has been Head Librarian at Gonzaga College High School, Washington, D.C. Her previous work history includes: Fall 1982 Intern, Library of Congress, Anglo-American Law Division 1981-1983 Cataloging Technician, Georgetown Univ. Law Library 1983-1987 Head of Circulation and Reference Librarian, Georgetown Univ. Law Library 1987-1993 Director of Library and Research Services, George Washington Univ. Government Contracts Program 1993-1997 Government Contracts Reference Librarian and Program Coordinator, George Washington Univ. Law School Ms. Tobin's current duties as Head Librarian at Gonzaga College High School include overseeing all aspects of library operation, including reference, circulation, collection development and cataloging.
492	Todd	Geoffrey F.	1960's - 1970's Tobacco Research Council - Director.
493	Tollison	Robert, Ph.D.	Industry Consultant-TI/ETS Consultant, Economist, George Mason University.

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	Last Name	First Name	Current Positions and Work Histories
494	Tompson	Carroll G.	Elected Vice President & Director-February 20, 1974; Resigned Director-August 31, 1976; Elected Executive Vice President & Director - April 26, 1979; Council for Tobacco Research, Director 1980-1981 Resigned offices, January 31, 1981.
495	Tong	H.S.	Lorillard employee (approx. 1970-1987).
496	Toti	Charles W.	Advertising and Brand Management Lorillard (approx. 1972-1990) Lorillard, Director of Marketing and Product Development.
497	Townsend	Dr. David	Expert for Defendant. RJR Employee from 1977 to the present. Began as a chemist/bench scientist and has worked his way up to Vice President in charge of Research and Development.
498	Tso	T.C.	Agricultural Research Service of the United States Department of Agriculture. Participated in the Tobacco Working Group of NCI. Tso covertly shared information with Defendants about the TWG's activities. He later became a consultant to Philip Morris upon his retirement in 1983.

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	Last Name	First Name	Current Positions and Work Histories
499	Tucker	Charles	RJR Employee, Public Affairs [Elected Director, Vice President, Director of Marketing-February 14, 1973; Elected Group Vice President-August 19, 1976. Elected Vice President-Public Affairs and Assistant to Chairman of the Board February 2, 1978. Made Vice President-Public Affairs-1/80. Named Vice President and Assistant to Chairman of Board-July 12, 1982. Elected Senior Vice President-October 1, 1984. Resigned offices, October 28,1985. Elected Director-March 2, 1987. Resigned office, October, 1989. ICOSI Social Acceptability Working Party 1979; INFOTAB, Director, 1983.
500	Tucker	Irwin	1954 - 1959 Brown & Williamson - Director of Research Member of the Industry Technical Committee and Industry Research Committee.
501	Tully	Ronald	Director of INFOTAB/TDC (approx. 1988-1995).
502	Turner	Clive	Executive Director of TAC (approx. 1986-1995).
503	Turner	Simon	Technical Consultant to TI-Healthy Buildings International (approx. 1988-1996).
504	Tweedie	Richard	BATCo External Consultant-Australia;SH&B consultant for PM/B&W.
505	Udow	Alfred	Philip Morris Employee, Marketing (approx. 1968-1984).

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	Last Name	First Name	Current Positions and Work Histories
506	Underwood	J.G.	BAT Group Scientist (approx. 1969-1973).
507	Vassallo	E. ("Ed") A.	RJR Employee (approx. 1969-1973).
508	Verheij	Richard H.	Attorney: US Tobacco General Counsel, Executive Vice President Tobacco Institute, Committee of Counsel (1995-1996; 1998).
509	Viren	Dr. John R.	Passive Smoking Scientist, R.J. Reynolds assisted Legal Department RJR Employee (1985-1989+) Hoel Committee.
510	Wade	Charles B., Jr.	R. J. Reynolds Employee. (approx. 1959-1976) Senior Vice President Council for Tobacco Research, Director 1974.
511	Waite	Dr. Charles L.	Tobacco Institute Medical Director (approx. 1977-1987) Hoel Committee.
512	Walk	Roger	Director of PM's Contract Research Center in Brussels (approx. 1977-1999).
513	Walker	Robert B	American Brands - President (1963-68), American Brands Chief Executive Officer, Tobacco Institute Executive Committee (1963-64), Counsel for Tobacco Research Director and Executive (1971-72).

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	Last Name	First Name	Current Positions and Work Histories
514	Wall	Charles R.	Attorney: Joint Defense Counsel; General Counsel and Senior Vice President, PM Companies (02/01/2000- Present); Deputy General Counsel, PM Cos. (05/19/1995 -02/2000); Senior Vice President Litigation, PM Cos.(1994-05/1995); Vice President and Associate General Counsel, Corporate Legal Department, PM Cos. (06/1990-1994); Shook, Hardy & Bacon (07/06/1970-06/01/1990).
515	Waxman	Honorable Henry	U.S. House of Representatives (1974-present); Chairman Subcommittee on Energy and Commerce 1979-1994.
516	Weber	John Douglas	Marketing Director, RJ Reynolds (1976-2000+).
517	Weeks	David, M.D.	IAPAG Consultant (approx. 1989-1994).
518	Weetman	D.F. (“Max”), Ph.D.	Pharmacologist, Department of Pharmacology, Sunderland Polytechnic, England ARIA & Philip Morris Consultant (approx. 1988-2000).
519	Weinberg	Myron, Ph.D.	Weinberg Consulting Group/Washington Tech IAPAG and Philip Morris Consultant (1985-2000).

	Last Name	First Name	Current Positions and Work Histories
520	Weissman	George	Chairman of Executive Committee, Philip Morris Companies (08/1984-_); Chairman of Board & Chief Executive Officer, Philip Morris USA Inc. (11/1978-08/1984); Vice Chairman Board of Directors, Philip Morris USA Inc. (10/1973-11/1978); Chief Operating Officer, Philip Morris USA Inc. (1967-1972); President, Philip Morris USA Inc. (1966-10/1973); President, Philip Morris International (1964); Chairman of the Board & CEO, Philip Morris International (1960); Executive Vice President Overseas (International), Philip Morris USA Inc. (1960-1965); Director of Marketing, Philip Morris USA Inc. (1957-1958); Vice President of Marketing, Philip Morris USA Inc. (1957); Vice President, Philip Morris USA Inc. (1953-1958); Retired (06/1984).
521	Wexler	Lawrence, Ph.D.	New York Medical College. Industry ETS Consultant. (approx. 1989-1995).

	Last Name	First Name	Current Positions and Work Histories
522	Whist	Andrew	PM Australia LTD Senior Vice President, Philip Morris Companies (07/01/1992-02/01/1999); Senior Vice President, External Affairs, Philip Morris Incorporated (10/01/1989-06/30/1992); Senior Vice President, Corporate Affairs, Philip Morris International (04/01/1987-09/31/1989); Vice President, Corporate Affairs, Philip Morris International (01/07/1981-03/31/1987); Director, Corporate Affairs, Philip Morris International (01/01/1976-01/06/1981); Joined Philip Morris on 06/21/1966; Retired on 02/01/1999 Operation Berkshire (1976) INFOTAB Member Adv. Board 1982; INFOTAB, Director, 1983, 1985, 1986.
523	White	James R.	Scientist. Study that found that nonsmokers working in smoky environments tend to have pulmonary functions similar to light smokers. Study published in 1980 with co-author, Herman Froeb.
524	Whiteside	George	Partner, Chadbourne, Parke, Whiteside & Wolff, counsel for American and CTR Attorney: Chadbourne, Parke, Whiteside & Wolf, Counsel for American Tobacco; TIRC Chairman of the Law Committee, 1954.
525	Wilkerson	Nick	Director of Market Strategy and Development for Brown & Williamson (approx. 1985-1996).
526	Wilson	Edwin Bidwell	(deceased). Council for Tobacco Research, Scientific Advisory Board 7/12/54-12/28/64.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
527	Winebrenner	John	1996 - 1997 BATCo - Employee 1994 Brown & Williamson - Marketing Department - Affiliate Employee 1993 - 1996 RJ Reynolds - Joint Defense Employee.

	Last Name	First Name	Current Positions and Work Histories
528	Winokur	Matt N.	Director Government Affairs, Corporate Affairs, Philip Morris International (01/01/2001-Present); Director, Worldwide Regulatory Affairs, Philip Morris Incorporated (01/01/1995-12/31/2000); Director, Corporate Scientific Affairs, Philip Morris Management Corporation (07/01/1994-12/31/1994); Director, European/ Worldwide Regulatory Affairs, Philip Morris Incorporated (08/01/1993-06/30/1994); Director, Corporate Affairs, Philip Morris International (03/01/1991- 07/31/1993); Director, Public Affairs, Philip Morris Incorporated (08/1989-02/28/1991); Director, Government Affairs and Issues Planning, Philip Morris Incorporated (04/01/1989-08/1989); Director, Corporate Affairs, Philip Morris Incorporate (01/01/1987- 03/31/1989); Manager, Corporate Affairs, Philip Morris Incorporated (05/01/1986- 12/31/1986); Manager, Public Affairs, Philip Morris Incorporated (02/01/1983-04/30/1986); Supervisor, Public Affairs, Philip Morris Incorporated (09/01/1980-01/31/1983); Public Affairs Coordinator, Philip Morris Incorporated (01/21/1980-08/31/1980); Assistant Analyst, Training Education, Progress and Col Relations, Philip Morris Incorporated (03/01/1979-01/20/1980); Training Analyst, Philip Morris Incorporated TI-ETS Coordinating Committee Director; TDC, Director 1993; International ETS Management Committee (1993-).
529	Witorsch	Philip, M.D.	Co-Founded Center for Environmental Health and Human Toxicology in 1982. TI and Philip Morris Scientific Consultant (approx. 1985-1997).

	Last Name	First Name	Current Positions and Work Histories
530	Witorsch	Ray, Ph.D.	Consultant to TI and Philip Morris (approx. 1986-1997).
531	Witt	Samuel B., III	Vice President, General Counsel and Secretary, Reynolds; Director, CTR 1983-1987. [RJR Elected Vice President, General Counsel and Secretary-August 1, 1981; Elected Director and member of Executive Committee-August 3,198?; Resigned offices-December 31, 1985. Operation Berkshire (1976) ICOSI Social Acceptability Working Party (1978-1979) Tobacco Institute Committee of Counsel (1982-1985) CTR Board of Directors (1983-1986).
532	Wollen	A.Ross	Culbro Corp., Sen VP & GC; & General Cigar Holdings Inc.; Attorney: Covington & Burling, Counsel for Tobacco Institute Tobacco Institute Committee of Counsel (1988-1990; 1992-1995; 1998).
533	Wood	D.J.	BATCo - R & D Manager/Scientist, Tobacco Leaf and Smoking Research 1958-1982.
534	Wrobleski	Chester	Attorney, Jacob, Medinger & Finnegan Counsel for CTR, Reynolds and B&W (approx. 1976-1996).
535	Wu	Joseph, Ph.D.	Professor of Biochemistry & Molecular Biology at New York Medical College; Consultant to T.I. (approx. 1988-1994) Industry Consultant: Cosponsored McGill and other ETS Symposia on behalf of industry.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
536	Wynder	Ernst	Deceased (1999). Founded the American Health Foundation 1969 as an independent research center for the prevention of disease. Received contributions from Philip Morris and in 1982 received a $100,000 a year as a consultant to the German VdC.
537	Yeaman	Addison	Attorney: Chairman & President, Council for Tobacco Research Board of Directors (1976-1980); Counsel, Brown & Williamson (1961, 1964, 1966-1972); Tobacco Institute Director, Brown & Williamson (1961); General Counsel, Brown & Williamson (1958); Vice President & General Counsel, Brown & Williamson (1937-1973) Industry Research Liaison Committee.
538	Yellen	Manuel	Lorillard Chairman of the Board & Chief Executive Officer. Employed approx. 1951-1970.
539	Yerushalmy	J.	Industry Consultant received Special 4 Account and CTR Special Project funds in 1966 and 1971-1973. His data formed the basis for other CTR Special Projects.
540	Yoe-Sadowski	Catherine	TI employee. Began in Feb 1984 as TI Legislative Affairs Manager; in 1988 was moved to TI State Activities Division; in 1993 was moved to TI Public Affairs Division; was TI Director of Legislative Information in Aug 1996 when she left TI and became consultant; as a consultant, one of her clients was TI for whom she served primarily as a liaison between TI and Covington & Burling.

OTHER INDIVIDUALS

	Last Name	First Name	Current Positions and Work Histories
541	Zahn	Leonard S.	Leonard Zahn & Associates, Inc., (1969-1994) Public Relations Consultant for Counsel for Tobacco Research (1955-1994) Industry Research Liaison Committee Employee of Hill & Knowlton (1955-1969).
542	Zeger	Scott L.	Professor and Chair of the Department of Biostatistics, Johns Hopkins University, Bloomberg School of Public Health; member of a blue ribbon health care modeling team that included Dr. Timothy Wyant and Dr. Leonard S. Miller, Ph. D., Professor, School of Public Welfare, University of California - Berkeley.
543	Zoler	Jon	Director of Marketing Research, Philip Morris USA Inc. (09/15/1976-02/28/1991).

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
1	Accord	Philip Morris			
2	Adam Filter King Extra Long	Liggett Group	1972	1973	
3	Alpine 100 Menthol (branded generic)	Philip Morris	1988		1992-Price Tier Change.
4	Alpine Lt 100 Menthol (branded generic)	Philip Morris	1988		1992-Price Tier Change.
5	Alpine Lt Menthol Box (branded generic)	Philip Morris	1988		1992-Price Tier Change.
6	Alpine Lt Menthol Filter King (branded generic)	Philip Morris	1988		1992-Price Tier Change.
7	Alpine Menthol Filter	Philip Morris	1959	1988	
8	Alpine Menthol Filter King (branded generic)	Philip Morris	1988		1992-Price Tier Change.
9	Alpine Menthol Filter King Box (branded generic)	Philip Morris	1988		1992-Price Tier Change.
10	American Filter 100s	American Brands	1989		
11	American Filter 85s	American Brands	1989		
12	American Lights 100s	American Brands	1988		
13	American Lights 100s Menthol	American Brands	1989		
14	American Lights Filter 120s	American Brands	1976	1981	
15	American Lights King	American Brands	1988		

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon- tinued	Changes or Modifications
16	American Lights Menthol Filter 120s	American Brands	1976	1981	
17	American Spirit	Santa Fe Tobacco			
18	Apollo ~	Brown & Williamson			
19	Apollo Soyuz ~	Philip Morris International			
20	Arctic Lights 85s (Menthol)	Brown & Williamson	1979	1982	
21	Arctic Lights I00s (Menthol)	Brown & Williamson	1979	1982	
22	Aspen Filter Menthol	Lorillard	1979	1980	
23	Aspen Filter Menthol 100s	Lorillard	1979	1980	
24	Astor ~	Philip Morris International			
25	Astra ~	Philip Morris International			
26	Avalon	Brown & Williamson	1932	1955	
27	B&W P/PL- 70s Nonfilter	Brown & Williamson	1986	1987	
28	B&W P/PL- FF 100s	Brown & Williamson	1984		
29	B&W P/PL- FF 100s Box	Brown & Williamson	1992		
30	B&W P/PL- FF 100s Menthol	Brown & Williamson	1987		
31	B&W P/PL- FF Filter King Box	Brown & Williamson	1991		
32	B&W P/PL- FF Filter King Menthol	Brown & Williamson	1987		

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon- tinued	Changes or Modifications
33	B&W P/PL- King	Brown & Williamson	1992		
34	B&W P/PL- King Nonfilter	Brown & Williamson	1984		
35	B&W P/PL- Light 100s	Brown & Williamson	1984		
36	B&W P/PL- Light 100s Box	Brown & Williamson	1992		
37	B&W P/PL- Light 100s Menthol	Brown & Williamson	1984		
38	B&W P/PL- Light Filter King	Brown & Williamson	1984		
39	B&W P/PL- Light Filter King Box	Brown & Williamson	1991		
40	B&W P/PL Light Filter King Menthol	Brown & Williamson	1984		
41	B&W P/PL- Ultra Light 100s	Brown & Williamson	1984		
42	B&W P/PL- Ultra Light Filter King	Brown & Williamson	1984		
43	Barclay ~	Brown & Williamson			
44	Barclay Filter 100s	Brown & Williamson	1981		
45	Barclay Filter Box	Brown & Williamson	1981		
46	Barclay Filter Kings	Brown & Williamson	1981		
47	Barclay Menthol 100s	Brown & Williamson	1981	1987	
48	Barclay Menthol 85s	Brown & Williamson	1981	1987	
49	Basic	Philip Morris			

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
50	Belair 100s (LP)	Brown & Williamson	1989	1992	
51	Belair Filter King (LP)	Brown & Williamson	1989	1992	
52	Belair Light 100s (LP)	Brown & Williamson	1989	1992	
53	Belair Light Filter King (LP)	Brown & Williamson	1989	1992	
54	Belair Menthol Filter	Brown & Williamson	1960		
55	Belair Menthol Filter I00s	Brown & Williamson	1969		
56	Belmont ~	Philip Morris International			
57	Benson & Hedges 100s Deluxe Ultra Lts Menthol	Philip Morris	1982		
58	Benson & Hedges 100s Deluxe Ultra Lts Regular	Philip Morris	1982		
59	Benson & Hedges 100s Lights	Philip Morris	1977		
60	Benson & Hedges 100s Menthol Lights	Philip Morris	1977		
61	Benson & Hedges Deluxe Filter King	Philip Morris	1954		
62	Benson & Hedges Deluxe Filter Regular	Philip Morris	1954	1987	
63	Benson & Hedges Filter 100s	Philip Morris	1966		
64	Benson & Hedges Filter 100s Hard Box	Philip Morris	1975		
65	Benson & Hedges Lt 100 Box	Philip Morris	1987		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
66	Benson & Hedges Lt Menthol Box	Philip Morris	1987		
67	Benson & Hedges Menthol Filter 100s	Philip Morris	1966		
68	Benson & Hedges Menthol Filter 100s Hard Box	Philip Morris	1975		
69	Benson & Hedges Multi-Filter King	Philip Morris	1974		
70	Benson & Hedges Multi-Filter Menthol King	Philip Morris	1974	1987	
71	Benson & Hedges Spcl Kings Menthol Filter Box	Philip Morris	1992		
72	Benson & Hedges Special Kings Filter Box	Philip Morris	1992		
73	Benson & Hedges Special Kings Lt Box	Philip Morris	1992		
74	Benson & Hedges Special Kings Lt Menthol Box	Philip Morris	1992		
75	BETA-M	Brown & Williamson			
76	Bistro Lights King	Lorillard	1981	1982	
77	Bistro Lights Menthol King	Lorillard	1981	1982	
78	Bond ~	Philip Morris International			
79	Bond Street ~	Philip Morris International			

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
80	Bright 100s	R.J. Reynolds	1982	1988	
81	Bright 85s	R.J. Reynolds	1982	1987	
82	Bristol	Philip Morris			
83	Bristol Full Flavor 100	Philip Morris	1990		
84	Bristol Full Flavor Filter King	Philip Morris	1990		
85	Bristol Lowest 100	Philip Morris	1991		
86	Bristol Lowest Filter King	Philip Morris	1991		
87	Bristol Lt 100	Philip Morris	1989		
88	Bristol Lt 100 Menthol	Philip Morris	1989		
89	Bristol Lt Filter King	Philip Morris	1989		
90	Bristol Lt Menthol Filter King	Philip Morris	1989		
91	Bristol Non-Filter	Philip Morris	1990		
92	Bristol Ultra 100	Philip Morris	1990		
93	Brunette ~	Philip Morris International			
94	Bucks Filter King	Philip Morris	1990		1992-Price Tier Change.
95	Bucks Lt Filter King	Philip Morris	1990		1992-Price Tier Change.
96	Bull Durham 83s Box	American Brands	1991		

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
97	Bull Durham Filter	American Brands	1967	1986	
98	Bull Durham Light Box	American Brands	1991		
99	Cambridge	Philip Morris			
100	Cambridge 100s	Philip Morris	1980	1986	
101	Cambridge Box	Philip Morris	1980	1986	
102	Cambridge Full Flavor 100s (branded generic)	Philip Morris	1987		1992-Price Tier Change
103	Cambridge Full Flvr Filter King (branded generic)	Philip Morris	1987		1992-Price Tier Change
104	Cambridge Lowest 100s (branded generic)	Philip Morris	1991		1992-Price Tier Change
105	Cambridge Lowest Filter King (branded generic)	Philip Morris	1991		1992-Price Tier Change
106	Cambridge Lt 100s (branded generic)	Philip Morris	1986		
107	Cambridge Lt Filter King (branded generic)	Philip Morris	1986		1992-Price Tier Change
108	Cambridge Lt Menthol 100s (branded generic)	Philip Morris	1986		1992-Price Tier Change
109	Cambridge Lt Mnthl Filter King (branded generic)	Philip Morris	1986		1992-Price Tier Change
110	Cambridge Soft Pack	Philip Morris	1980	1986	

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
111	Cambridge Ultra Lt 100s (branded generic)	Philip Morris	1986		1992-Price Tier Change
112	Camel ~	RJR/JTI			
113	Camel FF Menthol 85 Hard Pack	R.J. Reynolds	1996		
114	Camel Filter 83 CPB Export (Australia) ~	R.J. Reynolds			
115	Camel Filter 85s	R.J. Reynolds	1966		
116	Camel Filters Hard Pack 85s	R.J. Reynolds	1982		
117	Camel Lights 100s	R.J. Reynolds	1979		
118	Camel Lights 85s	R.J. Reynolds	1978		
119	Camel Lights Hard Pack 85s	R.J. Reynolds	1981		
120	Camel Lights Menthol 85 Hard Pack	R.J. Reynolds	1996		
121	Camel Non-Filter	R.J. Reynolds	1913		
122	Camel Special Lights 85s	R.J. Reynolds	1993		
123	Camel Special Lights Hard Pack 100s	R.J. Reynolds	1993		
124	Camel Special Lights Hard Pack 85s	R.J. Reynolds	1993		
125	Camel Turkish Royale ~	R.J. Reynolds			
126	Camel Ultra Lights 85s	R.J. Reynolds	1990		
127	Camel Ultra Lights Hard Pack 100s	R.J. Reynolds	1990		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
128	Camel Ultra Lights Hard Pack 85s	R.J. Reynolds	1990		
129	Camel Wides Hard Pack	R.J. Reynolds	1992		
130	Camel Wides Lights Hard Pack	R.J. Reynolds	1992		
131	Canyon Filter 100	Liggett Group	1993		
132	Canyon Filter King	Liggett Group	1993		
133	Canyon Light 100	Liggett Group	1993		
134	Canyon Light King	Liggett Group	1993		
135	Canyon Menthol Filter King	Liggett Group	1993		
136	Canyon Menthol Light 100	Liggett Group	1993		
137	Canyon Menthol Light King	Liggett Group	1993		
138	Canyon Non-filter King	Liggett Group	1993		
139	Canyon Ultra 100	Liggett Group	1993		
140	Canyon Ultra King	Liggett Group	1993		
141	Capri ~	Brown & Williamson			
142	Capri 100s Box	Brown & Williamson	1988		
143	Capri 100s Menthol Box	Brown & Williamson	1988		
144	Capri 120s Box	Brown & Williamson	1988		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
145	Capri 120s Menthol Box	Brown & Williamson	1988		
146	Capri Ultra 100 Box	Brown & Williamson	1993		
147	Capri Ultra 100 Menthol Box	Brown & Williamson	1993		
148	Carlton line	Brown & Williamson			Acquired by Brown & Williamson via merger with American Tobacco in 1995.
149	Carlton 100s Filter	American Brands	1977		
150	Carlton 100s Filter Box	American Brands	1980		
151	Carlton 100s Menthol	American Brands	1977		
152	Carlton 120s Filter	American Brands	1981		
153	Carlton 120s Menthol	American Brands	1981		
154	Carlton 83 Box 1 Mg	American Brands	1988		
155	Carlton Box	American Brands	1976		Changed name to Carlton Ultra Box in 1988.
156	Carlton Filter	American Brands	1964		
157	Carlton Menthol Filter	American Brands	1971		
158	Carlton Slims Box	American Brands	1984	1987	
159	Carlton Slims Menthol Box	American Brands	1984	1987	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
160	Carlton 100s Menthol Box	American Brands	1980		
161	Carmen ~	Philip Morris International			
162	Caro ~	Philip Morris International			
163	Cavalier Non-Filter	R.J. Reynolds	1949	1968	
164	Century 100s	R.J. Reynolds	1983		
165	Century 85s	R.J. Reynolds	1983		
166	Century Lights 100s	R.J. Reynolds	1983		
167	Century Lights 85s	R.J. Reynolds	1983		
168	Chesterfield line	Philip Morris			Acquired by Philip Morris via purchase from Liggett in 1999.
169	Chesterfield 101 Filter 100s	Liggett Group	1967	1983	
170	Chesterfield Filter 85s	Liggett Group	1966	1983, 1994	Reintroduced 1992.
171	Chesterfield Filter Lights 100s	Liggett Group	1992	1994	
172	Chesterfield Filter Lights 85s	Liggett Group	1992	1994	
173	Chesterfield King Non-Filter 85s	Liggett Group	1952		
174	Chesterfield Menthol Filter 85s	Liggett Group	1966	1974	
175	Chesterfield Regular Non-Filter 70s	Liggett Group	1911		
176	Class A Deluxe Filter 100	Liggett Group	1993		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
177	Class A Deluxe Filter King	Liggett Group	1993		
178	Class A Deluxe Light 100	Liggett Group	1993		
179	Class A Deluxe Light King	Liggett Group	1993		
180	Class A Deluxe Menthol Filter King	Liggett Group	1993		
181	Class A Deluxe Menthol Light 100	Liggett Group	1993		
182	Class A Deluxe Menthol Light King	Liggett Group	1993		
183	Class A Deluxe Non-filter King	Liggett Group	1993		
184	Class A Deluxe Ultra 100	Liggett Group	1993		
185	Class A Deluxe Ultra King	Liggett Group	1993		
186	Collector's Choice	Philip Morris			
187	Colony Filter & Menthol	American Brands	1967	1969	
188	Colorado ~	Philip Morris International			
189	Commander	Philip Morris			
190	Commander Non-Filter 70s	Philip Morris	1932		1989-Name changed from Philip Morris Regular.
191	Commander Non-Filter King	Philip Morris	1932		1989-Name changed from Philip Morris Commander.
192	Congress ~	Philip Morris International			

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
193	Covington Filter	Liggett Group	1993		
194	Covington Filter 100	Liggett Group	1993		
195	Covington Filter King	Liggett Group	1993		
196	Covington Light 100	Liggett Group	1993		
197	Covington Light King	Liggett Group	1993		
198	Covington Menthol Light 100	Liggett Group	1993		
199	Covington Ultra Light 100	Liggett Group	1993		
200	Craven "A" Non-Filter	Philip Morris	1947	1963	
201	Crown's of London Full Flavor 100s Box	American Brands	1992		
202	Crown's of London Light 100s Box	American Brands	1992		
203	Dakota	R.J. Reynolds			
204	Dallas ~	Philip Morris International			
205	Decade 100s Filter	Liggett Group	1978	1983	
206	Decade Filter 85s	Liggett Group	1976	1983	
207	Decade Menthol Filter 85s	Liggett Group	1976	1983	
208	Deep Discount PM Full Flavor 100s	Philip Morris	1986		
209	Deep Discount PM Full Flavor Filter King	Philip Morris	1986		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
210	Deep Discount PM Full Flavor Menthol Filter King	Philip Morris	1992		
211	Deep Discount PM Full Flavor Mentol 100s	Philip Morris	1992		
212	Deep Discount PM Lt 100s	Philip Morris	1986		
213	Deep Discount PM Lt Filter King	Philip Morris	1986		
214	Deep Discount PM Lt Filter King Box	Philip Morris	1987		
215	Deep Discount PM Lt Menthol 100s	Philip Morris	1986		
216	Deep Discount PM Lt Menthol Filter King	Philip Morris	1986		
217	Deep Discount PM Non-Filter King	Philip Morris	1988		
218	Deep Discount PM Ultra Lt 100s	Philip Morris	1986		
219	Deep Discount PM Ultra Lt Filter King	Philip Morris	1986		
220	Derby ~	Philip Morris International			
221	Diana ~	Philip Morris International			
222	Diplomat ~	Philip Morris International			
223	Dorado Filter 85s	Liggett Group	1983	1985	
224	Doral 100s	R.J. Reynolds	1986		
225	Doral 85s	R.J. Reynolds	1986		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
226	Doral 85s (Premium)	R.J. Reynolds	1969	1980	
227	Doral FF 100 Box	R.J. Reynolds	1997		
228	Doral FF 85 Box	R.J. Reynolds	1996		
229	Doral II 85s (Premium)	R.J. Reynolds	1979	1984	
230	Doral II Menthol 85s (Premium)	R.J. Reynolds	1979	1984	
231	Doral Lights 100 Box	R.J. Reynolds	1997		
232	Doral Lights 100s	R.J. Reynolds	1984		Repositioned as a discount brand.
233	Doral Lights 85 Box	R.J. Reynolds	1993		
234	Doral Lights 85s	R.J. Reynolds	1984		Repositioned as a discount brand.
235	Doral Lights Menthol 100s	R.J. Reynolds	1984		Repositioned as a discount brand.
236	Doral Lights Menthol 85s	R.J. Reynolds	1984		Repositioned as a discount brand.
237	Doral Menthol 100s	R.J. Reynolds	1988		
238	Doral Menthol 85s	R.J. Reynolds	1988		
239	Doral Menthol 85s (Premium)	R.J. Reynolds	1969	1980	
240	Doral Non-Filter 85s	R.J. Reynolds	1992		
241	Doral Ultra Lights 100s	R.J. Reynolds	1986		
242	Doral Ultra Lights 85s	R.J. Reynolds	1989		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
243	Duke of Durham Filter 85s	Liggett Group	1959	1970	
244	duMaurier	BATCo			
245	duMaurier (nonfilter, regular size)	Brown & Williamson	1932	1967	
246	duMaurier Filter	Brown & Williamson	1932	1983	
247	Dunhill Non-Filter	Philip Morris	1937	1960	
248	Eagle 20's Filter 100	Liggett Group	1993		
249	Eagle 20's Filter 85s	Liggett Group	1976	1977	
250	Eagle 20's Filter King	Liggett Group	1993		
251	Eagle 20's Light 100	Liggett Group	1993		
252	Eagle 20's Light King	Liggett Group			
253	Eagle 20's Menthol Filter 85s	Liggett Group	1976	1977	
254	Eagle 20's Menthol Filter King	Liggett Group	1993		
255	Eagle 20's Menthol Light 100	Liggett Group	1993		
256	Eagle 20's Menthol Light King	Liggett Group	1993		
257	Eagle 20's Non-filter King	Liggett Group	1993		
258	Eagle 20's Ultra 100	Liggett Group	1993		
259	Eagle 20's Ultra King	Liggett Group	1993		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
260	Eclipse	R.J. Reynolds	1996		
261	English Ovals 70s Non-Filter Regular	Philip Morris	1918	1987	
262	English Ovals 85s Non-Filter King Size	Philip Morris	1963		
263	Epic Filter 100	Liggett Group	1993		
264	Epic Filter King	Liggett Group	1993		
265	Epic Light 100	Liggett Group	1993		
266	Epic Light King	Liggett Group	1993		
267	Epic Menthol Filter King	Liggett Group	1993		
268	Epic Menthol Light 100	Liggett Group	1993		
269	Epic Menthol Light King	Liggett Group	1993		
270	Epic Non-filter King	Liggett Group	1993		
271	Epic Ultra 100	Liggett Group	1993		
272	Epic Ultra King	Liggett Group	1993		
273	EpicOmni Non-filter King	Liggett Group	1993		
274	Eve Lights 120s Filter	Liggett Group	1980		New packaging 1992.
275	Eve Lights 120s Menthol Filter	Liggett Group	1980		New packaging 1992.
276	Eve Lights Filter 100s	Liggett Group	1981	1983	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
277	Eve Lights Menthol Filter 100s	Liggett Group	1981	1983	
278	Eve Slim Lights Filter 100s	Liggett Group	1983	1990, 1994	Reintroduced in 1992.
279	Eve Slim Lights Menthol Filter 100s	Liggett Group	1983	1990, 1994	Reintroduced in 1992.
280	Eve Ultra Lights Filter 120s	Liggett Group	1988		
281	Eve Ultra Lights Filter 120s Menthol	Liggett Group	1988		
282	Eve Ultra Lights Menthol Slim 100s	Liggett Group	1990	1993	
283	Eve Ultra Lights Slim100s	Liggett Group	1990	1993	
284	Export ~	R.J. Reynolds			
285	Export "A" ~	R.J. Reynolds			
286	f6 ~	Philip Morris International			
287	Fact Filter King	Brown & Williamson	1978	1978	
288	Fact Filter Menthol	Brown & Williamson	1976	1978	
289	Falcon Light 100s	Brown & Williamson	1987	1989	
290	Falcon Light 100s Menthol	Brown & Williamson	1987	1990	
291	Falcon Light Filter King	Brown & Williamson	1987	1990	
292	Falcon Light Filter King Menthol	Brown & Williamson	1987	1990	
293	Fatima Non-Filter 70s	Liggett Group	1898	1949	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
294	Fatima Non-Filter 85s	Liggett Group	1948	1980	
295	Fiesta ~	Philip Morris International			
296	Fleetwood Non-Filter	Philip Morris	1944	1951	
297	Freeport ~	Philip Morris International			
298	Full Speed ~	Philip Morris International			
299	Galaxy ~	Philip Morris International			
300	Galaxy Filter	Philip Morris	1965	1987	
301	German Camel ~				
302	Good Companion ~	Philip Morris International			
303	GPC ~	Brown & Williamson			
304	GPC FF 100 Box	Brown & Williamson	1992		
305	GPC Light 100 Box	Brown & Williamson	1992		
306	GPC Ultra 100 Menthol	Brown & Williamson	1993		
307	GPC Ultra Filter King Menthol	Brown & Williamson	1993		
308	Grand Prix Filter 100	Liggett Group	1993		
309	Grand Prix Filter King	Liggett Group	1993		
310	Grand Prix Light 100	Liggett Group	1993		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
311	Grand Prix Light King	Liggett Group	1993		
312	Grand Prix Menthol Filter King	Liggett Group	1993		
313	Grand Prix Menthol Light 100	Liggett Group	1993		
314	Grand Prix Menthol Light King	Liggett Group	1993		
315	Grand Prix Non-filter King	Liggett Group	1993		
316	Grand Prix Ultra 100	Liggett Group	1993		
317	Grand Prix Ultra King	Liggett Group	1993		
318	Half & Half Filter	American Brands	1964	1987	
319	Harley Davidson Filter King	Lorillard	1987		
320	Harley Davidson Filter King P/V	Lorillard	1989		
321	Harley Davidson Light Filter King	Lorillard	1989		
322	Harley Davidson Light Filter King P/V	Lorillard	1989		
323	Helikon ~	Philip Morris International			
324	Herbert Tareyton (nonfilter)	American Brands	1913		Modern size in 1940.
325	Heritage 100s	Lorillard	1981	1982	
326	Heritage Filter King	Lorillard	1981	1982	
327	Heritage Light 100 P/V	Lorillard	1990	1992	

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
328	Heritage Light Filter King P/V	Lorillard	1990	1992	
329	Home Run Non-Filter 70s	Liggett Group	1892	1980	
330	Iceberg 100s Menthol Filter	American Brands	1972	1986	Changed name from Iceberg 10 in 1974.
331	Imparciales ~	Philip Morris International			
332	Jasmine Filter 100	Liggett Group	1993	1995	
333	Jasmine Light 100	Liggett Group	1993	1995	
334	Jasmine Light Menthol 100	Liggett Group	1993	1995	
335	Juwel ~	Philip Morris International			
336	Karo ~	Philip Morris International			
337	Kastitys ~	Philip Morris International			
338	Kaunas ~	Philip Morris International			
339	Kazakstan ~	Philip Morris International			
340	Kent	Lorillard			
341	Kent 100s	Lorillard	1967		
342	Kent 100s Menthol	Lorillard	1970		
343	Kent Filter King	Lorillard	1952		
344	Kent Filter King Box	Lorillard	1967		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
345	Kent Golden Light 100s	Lorillard	1977		
346	Kent Golden Light 100s Box	Lorillard	1985		
347	Kent Golden Light 100s Menthol	Lorillard	1977		
348	Kent Golden Light Filter King	Lorillard	1975		
349	Kent Golden Light Filter King Box	Lorillard	1985		
350	Kent Golden Light Filter King Menthol	Lorillard	1976		
351	Kent III 100s	Lorillard	1979		
352	Kent III 100s Box	Lorillard	1984		
353	Kent III Filter King	Lorillard	1978		
354	Kentucky Kings Filter	Brown & Williamson	1960	1962	
355	Kim 95s Box 25	Brown & Williamson	1986	1988	
356	Kim 95s Menthol Box	Brown & Williamson	1986	1988	
357	Kingsport Filter 100	Liggett Group	1993		
358	Kingsport Filter King	Liggett Group	1993		
359	Kingsport Light 100	Liggett Group	1993		
360	Kingsport Light King	Liggett Group	1993		
361	Kingsport Menthol Filter King	Liggett Group	1993		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
362	Kingsport Menthol Light 100	Liggett Group	1993		
363	Kingsport Menthol Light King	Liggett Group	1993		
364	Kingsport Non-filter King	Liggett Group	1993		
365	Kingsport Ultra 100	Liggett Group	1993		
366	Kingsport Ultra King	Liggett Group	1993		
367	Klaipeda ~	Philip Morris International			
368	Klubowe ~	Philip Morris International			
369	Kool ~	Brown & Willaimson			
370	Kool Deluxe Light 100s Box	Brown & Williamson	1990		
371	Kool Deluxe Light Filter King Box	Brown & Williamson	1990		
372	Kool Deluxe Ultra 100s Box	Brown & Williamson	1990		
373	Kool Deluxe Ultra Filter King Box	Brown & Williamson	1990		
374	Kool Hard Pack	Brown & Williamson	1974		
375	Kool King Size	Brown & Williamson			
376	Kool Lights	Brown & Williamson	1981		
377	Kool Lights 100s	Brown & Williamson	1981		
378	Kool Menthol (nonfilter, regular size)	Brown & Williamson	1993		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
379	Kool Menthol (nonfilter, regular size)	Brown & Williamson	1953	1956	
380	Kool Menthol Filter	Brown & Williamson	1956		
381	Kool Menthol Filter 100s	Brown & Williamson	1967		
382	Kool Mild Box	Brown & Williamson	1986		
383	Kool Milds Filter	Brown & Williamson	1972		
384	Kool Milds Filter 100s	Brown & Williamson	1979		
385	Kool Smooth Fusions	Brown & Williamson			
386	Kool Super Lights 100s	Brown & Williamson	1977	1982	Changed to Kool Lights 100s in 1981.
387	Kool Super Lights 85s	Brown & Williamson	1977	1982	Changed to Kool Lights in 1981.
388	Kool Ultra	Brown & Williamson	1981		
389	Kool Ultra 100s	Brown & Williamson	1981		
390	Kosmos	Philip Morris International			
391	Kosmosas ~	Philip Morris International			
392	L & M line	Philip Morris			Acquired by Philip Morris via purchase from Liggett in 1999.
393	L&M 30's Lights 100s	Liggett Group	1987	1991	
394	L&M Filter 70s	Liggett Group	1953	1972	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
395	L&M Filter Box 80s	Liggett Group	1956		
396	L&M Flavor Filter Lights 85s	Liggett Group	1976	1983	
397	L&M King Size Filter 85s	Liggett Group	1954		
398	L&M Lights Filter 100s	Liggett Group	1984	1986	
399	L&M Lights Filter 85s	Liggett Group	1984	1986	
400	L&M Long Lights Filter 100s	Liggett Group	1976	1992	Reintroduced 1993.
401	L&M Long Lights Menthol Filter 100s	Liggett Group	1980	1983	
402	L&M Menthol Longs Filter 100s	Liggett Group	1967	1980	
403	L&M Super King Filter 100s	Liggett Group	1967		
404	L&M Superior Filter 85s	Liggett Group	1983	1984	
405	L.T. Brown Filter 120s	Lorillard	1975	1975	
406	L.T. Brown Filter Menthol 120s	Lorillard	1975	1975	
407	Lark line	Philip Morris			Acquired by Philip Morris via purchase from Liggett in 1999.
408	Lark Extra Long Filter 100s	Liggett Group	1968		New packaging 1992.
409	Lark King Size Filter 85s	Liggett Group	1963		New packaging 1992.
410	Lark Lights Filter 100s	Liggett Group	1981		New packaging 1992.
411	Lark Lights Filter 85s	Liggett Group	1981		New packaging 1992.

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
412	Le Mans ~	Philip Morris International			
413	Lider ~	Philip Morris International			
414	Life (nonfilter, 80mm)	Brown & Williamson	1948	1952	
415	Life (nonfilter, 86mm)	Brown & Williamson	1952	1955	
416	Life Filter	Brown & Williamson	1959	1970	Changed to Long size in 1970.
417	Life Filter 100s	Brown & Williamson	1970	1974	
418	Liggett Select	Liggett			
419	Long Johns Filter 120s	American Brands	1975	1977	
420	Long Johns Menthol Filter 120s	American Brands	1975	1977	
421	Longbeach ~	Philip Morris International			
422	Lucky 100s	Brown & Williamson	1974	1983	
423	Lucky Strike (nonfilter, regular size)	Brown & Williamson	1916		
424	Lucky Strike Filter	Brown & Williamson	1964	1974	
425	Lucky Strike Filter 100s	Brown & Williamson	1967	1974	Changed name to Lucky Filter 100s in 1968.
426	Lucky Strike Lights King	Brown & Williamson	1983		Packaging change in 1992.
427	Lucky Strike Lights100s	Brown & Williamson	1983		Packaging change in 1992.
428	Lucky Strike Low-Tar Filters (Hard Box)	Brown & Williamson	1981		Packaging change in 1992.

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
429	Lucky Strike Low-Tar Filters Cup	Brown & Williamson	1981		Packaging change in 1992.
430	Lucky Strike Menthol Filter	Brown & Williamson	1966	1969	
431	Lucky Strike Menthol Filter 100s	Brown & Williamson	1967	1969	
432	Lucky Strike100s Low-Tar Filter	Brown & Williamson	1982		Packaging change in 1992.
433	Lucky Strikes line	Brown & Williamson			Acquired by B&W via merger with American Tobacco in 1995.
434	Lucky Ten Filter	Brown & Williamson	1971	1981	
435	Luke Filter	Lorillard	1973	1973	
436	Luxor ~	Philip Morris International			
437	Magna 85s	R.J. Reynolds	1989		Repositioned as discount, 1991.
438	Magna Box 85s	R.J. Reynolds	1989		Repositioned as discount, 1991.
439	Magna Lights 85s	R.J. Reynolds	1989		Repositioned as discount, 1991.
440	Magna Lights Box 85s	R.J. Reynolds	1989		Repositioned as discount, 1991.
441	Malibu 100s	American Brands	1987		Packaging change in 1992.
442	Malibu Filter King	American Brands	1988	1992	
443	Malibu Lights 100s	American Brands	1987		Packaging change in 1992.
444	Malibu Lights King	American Brands	1988	1992	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
445	Malibu Menthol 100s	American Brands	1987		Packaging change in 1992.
446	Malibu Menthol King	American Brands	1988	1992	
447	Malibu Ultra 100s	American Brands	1989		Packaging change in 1992.
448	Marlboro ~	Philip Morris			
449	Marlboro Extra Lights	Philip Morris			
450	Marlboro Filter 100s	Philip Morris	1967		
451	Marlboro Filter 100s Hard Box	Philip Morris	1967		
452	Marlboro Filter Hard Box	Philip Morris	1955		
453	Marlboro Filter King 25	Philip Morris	1984		
454	Marlboro Green Menthol Filter	Philip Morris	1966		
455	Marlboro Lights	Philip Morris			
456	Marlboro Lights 100s	Philip Morris	1978		
457	Marlboro Lights 100s Box	Philip Morris	1983		
458	Marlboro Lights Filter	Philip Morris	1972		
459	Marlboro Lights Filter Box	Philip Morris	1980		
460	Marlboro Lights Filter King 25	Philip Morris	1984		
461	Marlboro Lights King Size	Philip Morris			

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
462	Marlboro Lights Menthol 100s Box	Philip Morris	1988		
463	Marlboro Lights Menthol Filter King Box	Philip Morris	1988		
464	Marlboro Medium	Philip Morris			
465	Marlboro Medium 100s	Philip Morris	1992		
466	Marlboro Medium 100s Box	Philip Morris	1992		
467	Marlboro Medium Filter King	Philip Morris	1991		
468	Marlboro Medium Filter King Box	Philip Morris	1991		
469	Marlboro Red King Size	Philip Morris			
470	Marlboro Soft Pack	Philip Morris	1958		
471	Marlboro Ultra Lights	Philip Morris			
472	Masterpiece Filter	Liggett Group	1964	1965	
473	Maverick Filter	Lorillard	1981	1982	
474	Maverick Filter 100s	Lorillard	1981	1982	
475	Max 120s	Lorillard	1975		
476	Max 120s Menthol	Lorillard	1975		
477	Max Slim Light 100s Box	Lorillard	1981	1984	
478	Max Slim Light 100s Menthol Box	Lorillard	1981	1984	

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
479	Medeo ~	Philip Morris International			
480	Mercedes ~	Philip Morris International			
481	Meridian Filter 100	Liggett Group	1993		
482	Meridian Filter King	Liggett Group	1993		
483	Meridian Light 100	Liggett Group	1993		
484	Meridian Light King	Liggett Group	1993		
485	Meridian Menthol Filter King	Liggett Group	1993		
486	Meridian Menthol Light 100	Liggett Group	1993		
487	Meridian Menthol Light King	Liggett Group	1993		
488	Meridian Non-filter King	Liggett Group	1993		
489	Meridian Ultra 100	Liggett Group	1993		
490	Meridian Ultra King	Liggett Group	1993		
491	Merit ~	Philip Morris			
492	Merit Filter	Philip Morris	1976		
493	Merit Filter 100s	Philip Morris	1977		
494	Merit Filter King Box	Philip Morris	1984		
495	Merit Filters	Philip Morris			Renamed Merit Lights.

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
496	Merit Menthol Filter	Philip Morris	1976		
497	Merit Menthol Filter 100s	Philip Morris	1977		
498	Merit Ultima 100s	Philip Morris	1992		
499	Merit Ultima 100s Box	Philip Morris	1992		
500	Merit Ultima Filter King	Philip Morris	1992		
501	Merit Ultima Filter King Box	Philip Morris	1992		
502	Merit Ultra Lights 100s Menthol	Philip Morris	1981		
503	Merit Ultra Lights 100s Regular	Philip Morris	1981		
504	Merit Ultra Lights Menthol	Philip Morris	1981		
505	Merit Ultra Lights Regular	Philip Morris	1981		
506	Merit Ultra Lt 100s Box	Philip Morris	1988		
507	Merit Ultra Lt Filter King Box	Philip Morris	1988		
508	Misty ~	Brown & Williamson			
509	Misty Slims Full Flavor 100s Box	Brown & Williamson	1992		
510	Misty Slims Lights 100s Box	Brown & Williamson	1990		
511	Misty Slims Menthol Full Flavor 100s Box	Brown & Williamson	1992		
512	Misty Slims Menthol Lights 100s Box	Brown & Williamson	1990		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
513	Misty Slims Menthol Ultra 100s Box	Brown & Williamson	1992		
514	Misty Slims Ultra100s Box	Brown & Williamson	1992		
515	Monarch 100s	R.J. Reynolds	1992		
516	Monarch 85s	R.J. Reynolds	1992		
517	Monarch Box 85s	R.J. Reynolds	1993		
518	Monarch Lights 100s	R.J. Reynolds	1992		
519	Monarch Lights 85s	R.J. Reynolds	1992		
520	Monarch Lights Box 85s	R.J. Reynolds	1993		
521	Monarch Lights Menthol 100s	R.J. Reynolds	1992		
522	Monarch Lights Menthol 85s	R.J. Reynolds	1992		
523	Monarch Lights Menthol Box 85s	R.J. Reynolds	1993		
524	Monarch Menthol 100s	R.J. Reynolds	1992		
525	Monarch Menthol 85s	R.J. Reynolds	1992		
526	Monarch Menthol Box 85s	R.J. Reynolds	1993		
527	Monarch Non-Filter 85s	R.J. Reynolds	1992		
528	Monarch Ultra Lights 100s	R.J. Reynolds	1992		
529	Monarch Ultra Lights 85s	R.J. Reynolds	1992		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
530	Montclair 100s	Brown & Williamson	1989		
531	Montclair FF Filter King Box	Brown & Williamson	1993		
532	Montclair Filter 85s	Brown & Williamson	1989		
533	Montclair Light 100s	Brown & Williamson	1989		
534	Montclair Light Filter King Box	Brown & Williamson	1993		
535	Montclair Lights 83s	Brown & Williamson	1989		
536	Montclair Menthol 100s	Brown & Williamson	1992		
537	Montclair Menthol Filter	Brown & Williamson	1962	1989	
538	Montclair Menthol Light 100s	Brown & Williamson	1989		
539	Montclair Menthols Lights 83s	Brown & Williamson	1989		
540	Montclair Ultra Light King	Brown & Williamson	1992		
541	Monte Carlo Lights 100 Export ~ (Latin America)	R.J. Reynolds			
542	More Filter 120s	R.J. Reynolds	1975		
543	More Lights Filter 100s	R.J. Reynolds	1981		
544	More Lights Menthol Box 100s	R.J. Reynolds	1981		
545	More Menthol 120s	R.J. Reynolds	1975		
546	More White Lights 120s	R.J. Reynolds	1989		

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
547	More White Lights Menthol 120s	R.J. Reynolds	1989		
548	Multifilter ~	Philip Morris International			
549	Muratti ~	Philip Morris International			
550	Nacional ~	Philip Morris International			
551	New Leaf Menthol Filter	Philip Morris	1970	1971	
552	Newport 100s Menthol	Lorillard	1967		
553	Newport 100s Menthol 25s	Lorillard	1985		
554	Newport 100s Menthol Box	Lorillard	1984		
555	Newport King (Red)	Lorillard	1981	1983	
556	Newport King Box (Red)	Lorillard	1981	1983	
557	Newport King Menthol	Lorillard	1957		
558	Newport King Menthol 25s	Lorillard	1985		
559	Newport King Menthol Box	Lorillard	1967		
560	Newport Light 100s Menthol	Lorillard	1981		
561	Newport Light 100s Menthol Box	Lorillard	1984		
562	Newport Light King Menthol	Lorillard	1977		
563	Newport Light King Menthol Box	Lorillard	1980		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
564	Newport Slim Menthol Box 100's	Lorillard			
565	Newport Str 100s Box	Lorillard	1987		
566	Newport Str 100s Menthol Box	Lorillard	1987		
567	Newport Str Slim Light 100s Menthol Box	Lorillard	1986		
568	Next ~	Philip Morris International			
569	Now 100s	R.J. Reynolds	1980		
570	Now 85s	R.J. Reynolds	1979		
571	Now Box 100s	R.J. Reynolds	1981		
572	Now Box 85s	R.J. Reynolds	1976		
573	Now Menthol 100s	R.J. Reynolds	1980		
574	Now Menthol 85s	R.J. Reynolds	1979		
575	Now Menthol Box 85s	R.J. Reynolds	1976	1980	
576	Oasis Filter Menthol 85s	Liggett Group	1957	1983	
577	Old Gold 100s	Lorillard	1969		
578	Old Gold 100s P/V	Lorillard	1990		
579	Old Gold King Box	Lorillard	1974	1977	
580	Old Gold King Filter	Lorillard	1926		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
581	Old Gold King Filter P/V	Lorillard	1990		
582	Old Gold King Nonfilter	Lorillard	1926, 1991		Discontinued in 1977; Re-introduced in 1991.
583	Old Gold King P/V Nonfilter	Lorillard	1992		
584	Old Gold Light 100s	Lorillard	1985		
585	Old Gold Light 100s P/V	Lorillard	1990		
586	Old Gold Light Filter King	Lorillard	1977		
587	Old Gold Light Filter King P/V	Lorillard	1990		
588	Old Mill Non-Filter 70s	Liggett Group	1909	1946	
589	Omni Gold	Vector Tobacco			Vector Tobacco: parent of Liggett since 2000.
590	Omni Filter 100	Liggett Group	1993		
591	Omni Filter King	Liggett Group	1993		
592	Omni Light 100	Liggett Group	1993		
593	Omni Light King	Liggett Group	1993		
594	Omni Luxury Lights Filter 100s	Liggett Group	1981	1984	
595	Omni Menthol Filter King	Liggett Group	1993		
596	Omni Menthol Light 100	Liggett Group	1993		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
597	Omni Menthol Light King	Liggett Group	1993		
598	Omni Ultra 100	Liggett Group	1993		
599	Omni Ultra King	Liggett Group	1993		
600	Palace ~	Philip Morris International			
601	Pall Mall line	Brown & Williamson Tobacco Corp.			Acquired by B&W via merger with American Tobacco in 1995.
602	Pall Mall (nonfilter, king size)	American Brands	1907		Turkish blend before 1936, king size from 1939.
603	Pall Mall Extra Light	American Brands	1972	1986	Name changed in 1979.
604	Pall Mall Filter King	American Brands	1975	1986	
605	Pall Mall Filter100s	American Brands	1964		
606	Pall Mall Gold	American Tobacco			
607	Pall Mall Gold 100's	American Tobacco			
608	Pall Mall Lights 100s	American Brands	1978		
609	Pall Mall Menthol Filter 100s	American Brands	1966	1988	Name changed in 1979.
610	Pall Mall Non Filter 25s	American Brands	1985	1989	
611	Pall Mall Red ~	American Tobacco			

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
612	Pall Mall Red Filter 100s	American Brands	1987		
613	Pall Mall Red Filter King	American Brands	1987		
614	Pall Mall Unfiltered Lights	American Brands	1986	1988	
615	Parliament ~	Philip Morris International			
616	Parliament Filter Lights 100s	Philip Morris	1969		Name changed in 1979.
617	Parliament Filter Old	Philip Morris	1932	1958	
618	Parliament Lights Hard Box	Philip Morris	1956 & 1957		Name changed in 1979.
619	Parliament Lights Soft Pack	Philip Morris	1958		Name changed in 1979.
620	Particulares ~	Philip Morris International			
621	Partner ~	Philip Morris International			
622	Paxton Menthol	Philip Morris	1963	1966	Name changed to Philip Morris Menthol in 1966.
623	Peter Jackson ~	Philip Morris International			
624	Petra ~	Philip Morris International			
625	Philip Morris ~	Philip Morris International			

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
626	Philip Morris Filter	Philip Morris	1964		Name changed to Philip Morris Multifilter Regular & Menthol in 1970, and to Benson & Hedges Multifilter.
627	Philip Morris Menthol	Philip Morris	1966		Name changed to Philip Morris Multifilter Regular & Menthol in 1970, and to Benson & Hedges Multifilter.
628	Picayune Non-Filter 70s	Liggett Group	1898		
629	Piedmont Non-Filter 70s	Liggett Group	1905	1980	
630	Players	Philip Morris	1926		
631	Players Black 100s Box	Philip Morris	1983		
632	Players Black 100s Menthol Box	Philip Morris	1983		
633	Players Black Filter King Box	Philip Morris	1983		
634	Players Black Menthol Filter King Box	Philip Morris	1983		
635	Player's Gold Leaf ~	BATCo			
636	Players Lt 100s 25	Philip Morris	1985		1986-Change to 10 pack.
637	Players Lt 100s Menthol 25	Philip Morris	1985		1986-Change to 10 pack.
638	Players Lt Filter King 25	Philip Morris	1985		1986-Change to 10 pack.

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
639	Players Lt Menthol Filter King 25	Philip Morris	1985		1986-Change to 10 pack.
640	Polyot ~	Philip Morris International			
641	Portugues Suave ~	Philip Morris International			
642	Premier ~	Philip Morris International			
643	Prima ~	Philip Morris International			
644	Prime Full Flavor 100s	American Brands	1992		
645	Prime Full Flavor 83s Box	American Brands	1992		
646	Prime Full Flavor King	American Brands	1992		
647	Prime Lights 100s	American Brands	1992		
648	Prime Lights King	American Brands	1992		
649	Prime Lights King Box	American Brands	1992		
650	Prime Menthol Lights 100s	American Brands	1992		
651	Prime Menthol Lights King	American Brands	1992		
652	Prime Non Filter King	American Brands	1992		
653	Prime Ultra Lights 100s	American Brands	1992		
654	Private Stock ~	Brown & Williamson			
655	Private Stock Full Flavor 100s	American Brands	1992		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
656	Private Stock Full Flavor 83s Box	American Brands	1992		
657	Private Stock Full Flavor King	American Brands	1992		
658	Private Stock Lights 100s	American Brands	1992		
659	Private Stock Lights King	American Brands	1992		
660	Private Stock Lights King Box	American Brands	1992		
661	Private Stock Menthol Lights 100s	American Brands	1992		
662	Private Stock Menthol Lights King	American Brands	1992		
663	Private Stock Non Filter King	American Brands	1992		
664	Private Stock Ultra Lights 100s	American Brands	1992		
665	Pyramid	Liggett			
666	Pyramid Full Flavor Filter 100s	Liggett Group	1988		
667	Pyramid Full Flavor Filter 100s Menthol	Liggett Group	1988		
668	Pyramid Full Flavor King Size Filter 85s	Liggett Group	1988		
669	Pyramid Full Flavor King Size Menthol Filter	Liggett Group	1988		
670	Pyramid Lights Filter 100s	Liggett Group	1988		
671	Pyramid Lights Filter 100s Menthol	Liggett Group	1988		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
672	Pyramid Lights Filter King Size 85s	Liggett Group	1988		
673	Pyramid Non-Filter King Size 85s	Liggett Group	1988		
674	Pyramid Ultra Lights Filter 100s	Liggett Group	1988		
675	Quest	Liggett and Vector			
676	Raffles ~	Philip Morris International			
677	Raleigh ~	Brown & Williamson			
678	Raleigh (nonfilter, king size)	Brown & Williamson	1953		
679	Raleigh (nonfilter, regular size)	Brown & Williamson	1928	1953	
680	Raleigh Extra (ELP) 70s nonfilter	Brown & Williamson	1991		
681	Raleigh Extra (ELP) Ultra 100s	Brown & Williamson	1991		
682	Raleigh Extra (ELP) Ultra Filter King	Brown & Williamson	1991		
683	Raleigh Extra Filter King ELP	Brown & Williamson	1990		
684	Raleigh Extra Light 100s ELP	Brown & Williamson	1990		
685	Raleigh Extra Light 100s Menthol ELP	Brown & Williamson	1990		
686	Raleigh Extra Light Filter King ELP	Brown & Williamson	1990		
687	Raleigh Extra Light Menthol Filter King ELP	Brown & Williamson	1990		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
688	Raleigh Extra Milds	Brown & Williamson			
689	Raleigh Extra100s ELP	Brown & Williamson	1990		
690	Raleigh Filter	Brown & Williamson	1958		
691	Raleigh Filter 100s	Brown & Williamson	1969		
692	Raleigh Lights	Brown & Williamson	1976		
693	Raleigh Lights 100s	Brown & Williamson	1978		
694	Raleigh Milds	Brown & Williamson	1974		Changed to Raleigh Lights in 1976.
695	Real 85s	R.J. Reynolds	1977	1980	
696	Real Menthol 85s	R.J. Reynolds	1977	1980	
697	RebeI 100s	Lorillard	1981	1983	
698	Rebel Filter King	Lorillard	1981	1983	
699	Red & White ~	Philip Morris International			
700	Red Kamel FF 83 Box	R.J. Reynolds	1997		
701	Red Kamel Lights 83 Box	R.J. Reynolds	1997		
702	Richland 20 FF 100s Menthol (LP)	Brown & Williamson	1988		
703	Richland 20 FF Filter King Menthol (LP)	Brown & Williamson	1988		
704	Richland 20'S 100s (LP)	Brown & Williamson	1987		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
705	Richland 20'S Filter King (LP)	Brown & Williamson	1987		
706	Richland 20's Light 100s (LP)	Brown & Williamson	1987		
707	Richland 20's Light Filter King (LP)	Brown & Williamson	1987		
708	Richland 25 100s	Brown & Williamson	1986		
709	Richland 25 100s Menthol	Brown & Williamson	1987	1988	
710	Richland 25 Filter King	Brown & Williamson	1985	1986	
711	Richland 25 Filter King Menthol	Brown & Williamson	1985		
712	Richland 25 Light 100s	Brown & Williamson	1985	1991	
713	Ritz ~	Philip Morris International			
714	Ritz Box 100s	R.J. Reynolds	1986	1991	
715	Ritz Menthol Box 100s	R.J. Reynolds	1986	1991	
716	Riviera Menthol Filter 100s	American Brands	1992		
717	Riviera Menthol Filter 100s Box	American Brands	1992		
718	Riviera Menthol Filter 85s	American Brands	1992		
719	Riviera Menthol Filter 85s Box	American Brands	1992		
720	Riviera Menthol Lights 83s	American Brands	1992		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
721	Riviera Menthol Lights I00s	American Brands	1992		
722	Rubios ~	Philip Morris International			
723	Ruby Queen	BATCo			
724	Salem ~	RJR/JTI			
725	Salem 100s	R.J. Reynolds	1967		
726	Salem 85s	R.J. Reynolds	1956		
727	Salem Box 85s	R.J. Reynolds	1974	1980	initially disc., tested several times, 85-86, 90-92
728	Salem Lights 100s	R.J. Reynolds	1976		
729	Salem Lights 85s	R.J. Reynolds	1975		
730	Salem Lights Box 100s	R.J. Reynolds	1987		
731	Salem Slim Lights Box 100s	R.J. Reynolds	1981		
732	Salem Ultra Lights	R.J. Reynolds	1980		
733	Salem Ultra Lights 100s	R.J. Reynolds	1980		
734	Saratoga Filter 120s	Philip Morris	1975		
735	Saratoga Menthol 120s	Philip Morris	1975		
736	Satin 100s	Lorillard	1981		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
737	Satin 100s Menthol	Lorillard	1981		
738	Savannah Slim Light 100s Box	Brown & Williamson	1992		
739	Savannah Slim Light 100s Menthol Box	Brown & Williamson	1992		
740	Savvy Light 100	Liggett Group	1988	1990	
741	Savvy Menthol Light 100s	Liggett Group	1988	1990	
742	Savvy Ultra Light 100 Menthol	Liggett Group	1908	1990	
743	Savvy Ultra Light 100 Menthol	Liggett Group	1988	1990	
744	SG ~	Philip Morris International			
745	SiIvia Thins Filter 100s	American Brands	1967		Changed from soft to hard in 1985.
746	Silvia Thins Menthol Filter 100s	American Brands	1968		Changed from soft to hard in 1985.
747	Sparta ~	Philip Morris International			
748	Special 10 FF 100 Box	Brown & Williamson	1993		
749	Special 10 FF Filter King Box	Brown & Williamson	1993		
750	Special 10 Light 100 Box	Brown & Williamson	1993		
751	Special 10 Light Filter King Box	Brown & Williamson	1993		
752	Special 10 Mild 100 Menthol Box	Brown & Williamson	1993		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
753	Spring 100s	Lorillard	1959		1967 (changed from Spring Filter Menthol).
754	Spring Lemon Light 100s	Lorillard	1989	1989	
755	Spring Lemon Light 100s Menthol	Lorillard	1989	1992	
756	Spring Lemon Light Filter King	Lorillard	1989	1989	
757	Spring Lemon Light Filter King Menthol	Lorillard	1989	1992	
758	Springs				
759	Spud Menthol	Philip Morris	1944	1963	
760	St. Moritz Filter 100s	Liggett Group	1974	1986	Mfg taken over by trademark owner.
761	St. Moritz Menthol Filter 100s	Liggett Group	1974	1986	Mfg taken over by trademark owner.
762	State Express 555	BATCo			Sold in the U.S. since at least 1984 through the present.
763	Sterling 100s (Premium)	R.J. Reynolds	1990		Reintroduced as discount brand.
764	Sterling 85s	R.J. Reynolds	1991	1994	
765	Sterling 85s (Premium)	R.J. Reynolds	1985	1987	
766	Sterling Box 100s (Premium)	R.J. Reynolds	1984	1987	
767	Sterling Lights 100s	R.J. Reynolds	1990		Reintroduced as discount brand.

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
768	Sterling Lights 85s	R.J. Reynolds	1991	1994	
769	Sterling Lights Menthol 100s	R.J. Reynolds	1990		Reintroduced as discount brand.
770	Sterling Lights Menthol 85s	R.J. Reynolds	1991	1994	
771	Sterling Menthol 100s	R.J. Reynolds	1990		Reintroduced as discount brand.
772	Sterling Menthol 85s	R.J. Reynolds	1991	1994	
773	Sterling Menthol Box 100s (Premium)	R.J. Reynolds	1984	1987	
774	Sterling Slim Lights Box 100s	R.J. Reynolds	1991		
775	Sterling Slim Lights Menthol Box 100s	R.J. Reynolds	1991		
776	Sterling Ultra Lights 100s	R.J. Reynolds			
777	Sterling Ultra Lights Menthol 100s	R.J. Reynolds	1991		
778	Stride Filter 100s	Liggett Group	1984	1986	
779	Stride Kings Filter 85s	Liggett Group	1986		
780	Stride Menthol Filter 100s	Liggett Group	1984	1986	
781	Style Light 100s Box P/V	Lorillard	1991		
782	Style Light 100s Menthol Box P/V	Lorillard	1991		
783	Style Light 100s Menthol P/V	Lorillard	1991		
784	Style Light 100s P/V	Lorillard	1991		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
785	Style Slim Light 100s Box P/V	Lorillard	1991		
786	Style Slim Light 100s Menthol Box P/V	Lorillard	1991		
787	Style Ultra Light 100s Box P/V	Lorillard	1991	1991	
788	Superslims	Philip Morris			
789	TABLE	Philip Morris			
790	Talisman ~	Philip Morris International			
791	Tall Filter 120s	American Brands	1975		
792	Tall Menthol 120s	American Brands	1975		
793	Tareyton line	Brown & Williamson			Acquired by B&W via merger with American Tobacco in 1995.
794	Tareyton Filter	American Brands	1958		
795	Tareyton Filter 100s	American Brands	1967		
796	Tareyton Lights	American Brands	1976		
797	Tareyton Long Lights	American Brands	1977		
798	Tareyton Special Blend ~	Brown & Williamson			
799	Tareyton Ultra Low Tar Mentol	American Brands	1978	1982	
800	Tempo Filter	R.J. Reynolds	1964	1980	

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
801	Triumph 100s	Lorillard	1980		
802	Triumph 100s Menthol	Lorillard	1980		
803	Triumph Filter King	Lorillard	1978		
804	Triumph Filter King Menthol	Lorillard	1978		
805	True 100s	Lorillard	1974		
806	True 100s Box	Lorillard	1991		
807	True 100s Menthol	Lorillard	1974		
808	True Filter King	Lorillard	1966		
809	True Filter King Box	Lorillard	1991		
810	True Filter King Menthol	Lorillard	1966		
811	True Gold 100s	Lorillard	1985	1987	
812	True Gold 100s Box	Lorillard	1985	1987	
813	True Gold Filter King	Lorillard	1985	1987	
814	True Ultra One	Lorillard	1980	1981	
815	True 85	Lorillard			
816	Vanguard	Brown & Williamson			
817	Vantage 100s	R.J. Reynolds	1977		

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
818	Vantage 85s	R.J. Reynolds	1970		
819	Vantage Menthol 100s	R.J. Reynolds	1982		
820	Vantage Menthol 85s	R.J. Reynolds	1971		
821	Vantage Ultra Lights 100s	R.J. Reynolds	1979		
822	Vantage Ultra Lights 85s	R.J. Reynolds	1982	1986	
823	Vantage Ultra Lights Box 100s	R.J. Reynolds	1993		
824	Vantage Ultra Lights Box 85s	R.J. Reynolds	1993		
825	Vantage Ultra Lights Menthol 100s	R.J. Reynolds	1982	1986	
826	Vantage Ultra Lights Menthol 85s	R.J. Reynolds	1982		
827	Vello Filter 85s	Liggett Group	1976	1977	
828	Vello Menthol Filter 85s	Liggett Group	1976	1977	
829	Viceroy ~	Brown & Williamson			
830	Viceroy 100s (LP)	Brown & Williamson	1988		Changed from full revenue to low price.
831	Viceroy 100s Box (LP)	Brown & Williamson	1990		
832	Viceroy Filter	Brown & Williamson	1953		
833	Viceroy Filter (70mm)	Brown & Williamson	1936	1953	Changed to king size in 1953.

	Cigarette Brand	**Manufacturer**	**Intro duced**	**Discon-tinued**	**Changes or Modifications**
834	Viceroy Filter (80mm)	Brown & Williamson	1957	1968	
835	Viceroy Filter 100s	Brown & Williamson	1967		
836	Viceroy Filter King (LP)	Brown & Williamson	1988		Changed from full revenue to low price.
837	Viceroy Filter King Box (LP)	Brown & Williamson	1989		
838	Viceroy Light 100s (LP)	Brown & Williamson	1988		Changed from full revenue to low price.
839	Viceroy Light 100s Box (LP)	Brown & Williamson	1990		
840	Viceroy Light Filter King (LP)	Brown & Williamson	1988		Changed from full revenue to low price.
841	Viceroy Light Filter King Box (LP)	Brown & Williamson	1989		
842	Viceroy Milds	Brown & Williamson	1974	1979	
843	Viceroy Rich Lights 100s	Brown & Williamson	1978	1985	
844	Viceroy Rich Lights 85s	Brown & Williamson	1978	1978	
845	Viceroy Ultra 100s (LP)	Brown & Williamson	1992		
846	Viceroy Ultra Filter King (LP)	Brown & Williamson	1992		
847	Virginia Slims Filter 100s	Philip Morris	1968		
848	Virginia Slims Lights Menthol	Philip Morris	1979		
849	Virginia Slims Lights Regular	Philip Morris	1979		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
850	Virginia Slims Lt 120s Box	Philip Morris	1985		
851	Virginia Slims Lt 120s Menthol Box	Philip Morris	1985		
852	Virginia Slims Menthol Filter 100s	Philip Morris	1968		
853	Virginia Slims SuperSlims 100s Box	Philip Morris	1989		
854	Virginia Slims SuperSlims 100s Menthol Box	Philip Morris	1989		
855	Virginia Slims Ultra Lt 100s Box	Philip Morris	1987		
856	Virginia Slims Ultra Lt 100s Menthol Box	Philip Morris	1987		
857	Visa ~	Philip Morris International			
858	Wilton ~	Philip Morris International			
859	Wings (nonfilter, 70mm)	Brown & Williamson	1930	1940	Changed to king size filter in 1967.
860	Wings (nonfilter, king size)	Brown & Williamson	1940	1966	
861	Wings Filter	Brown & Williamson	1967	1969	
862	Winston 100s	R.J. Reynolds	1967		
863	Winston 85s	R.J. Reynolds	1954		
864	Winston B ~	R.J. Reynolds			
865	Winston Box 85s	R.J. Reynolds	1957		

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
866	Winston International Box 100s	R.J. Reynolds	1980	1984	
867	Winston KS ~	R.J. Reynolds			
868	Winston Lights 100s	R.J. Reynolds	1977		
869	Winston Lights 85s	R.J. Reynolds	1974		
870	Winston Lights Box 100s	R.J. Reynolds	1987		
871	Winston Lights Box 85s	R.J. Reynolds	1987		
872	Winston Menthol 100s	R.J. Reynolds	1967	1980	
873	Winston Select 85s	R.J. Reynolds	1992		
874	Winston Select Box 85s	R.J. Reynolds	1992		
875	Winston Select Lights 100s	R.J. Reynolds	1993		
876	Winston Select Lights 85s	R.J. Reynolds	1993		
877	Winston Select Lights Box 85s	R.J. Reynolds	1993		
878	Winston Select Slim Lights Box 100s	R.J. Reynolds	1993		
879	Winston Ultra Lights 100s	R.J. Reynolds	1980		
880	Winston Ultra Lights 85s	R.J. Reynolds	1980		
881	Yorks	Lorillard			Manufactured by Lorillard from 1961 to approx. 1970 in U.S. Licensed overseas 1970+.

CIGARETTE BRANDS AND MANUFACTURERS

	Cigarette Brand	Manufacturer	Intro duced	Discon-tinued	Changes or Modifications
882	Zack Filter King	Lorillard	1975	1975	
883	Zack Filter King Box	Lorillard	1975	1975	
884	Zack Filter King Menthol	Lorillard	1975	1975	
885	Zefir ~	Philip Morris International			

~ International Brands

ORGANIZATIONS

	Organization	Acronym	Description
1	Ad Hoc Committee		Group of industry lawyers and scientists who recommended special projects to the Committee of Counsel.
2	Agency for Healthcare Research and Quality	AHRQ	The Agency for Healthcare Research and Quality (AHRQ), formerly AHCPR, is an operating division of the Department of Health and Human Services comprising several subdivisions that have addressed smoking issues, one of which is the Center for Cost and Financing Studies that administers national health care cost surveys. The 1987 National Medical Expenditure Survey (NMES) that was administered by this office and surveyed approximately 30,000 subjects has been used by academics, expert witnesses in litigation and government agencies to measure the health care costs resulting from smoking because the survey linked information about smoking behavior to disease and medical expenditure and utilization data in a large cross-section of the national population. A sample of the medical expenditure data was confirmed using medical billing records. For each medical encounter in NMES, the reasons for the encounter are summarized using ICD-9 codes. For example, the ICD-9 diagnosis code for lung cancer is 162.
3	Air Conditioning and Ventilation Associates Atlantic Inc.	ACVA or ACVA Atlantic (later known as HBI)	Air Conditioning and Ventilation Associates Atlantic (ACVA Atlantic) was a business concerned with indoor air quality that was run by Gray Robertson. Beginning in 1985 ACVA and Robertson helped disseminate the tobacco industry's strategy of avoiding discussion of the connection between passive exposure and disease by deflecting attention away from ETS to "the larger problem of all of indoor air." This was used as a basis to challenge existing laws and counter specific legislative and regulatory threats. ACVA became Healthy Buildings International (HBI) and was an important part of the industry's ETS Consultancy Program (defendants' international effort to deny and distort the health effects of exposure to secondhand smoke). ACVA/HBI and Philip Morris publicized a concept they created called "sick building syndrome" to take attention away from cigarettes as a point-source of indoor air pollution. Payments for these services were made by TI, Covington and Burling, CTR Special Projects and Industry Lawyers Special 4 Account.

ORGANIZATIONS

	Organization	**Acronym**	**Description**
4	Altria Corporate Services Inc.		Formerly Philip Morris Management Corporation (PMMC). Provides services, including legal counsel, to all of the Altria Group entities.
5	Altria Group, Inc.		Defendant. Formerly known as Philip Morris Companies Inc. ("Philip Morris Companies"). Altria is a Virginia corporation with its principal place of business in New York, New York. Altria Group is the parent company of Philip Morris USA (formerly Philip Morris Inc.). Since 1985, Philip Morris Companies and its subsidiaries have established offices and plants in at least twenty-nine locations in at least seventeen states, and twenty-five locations internationally. Philip Morris Companies Inc. changed its name in January 2003 to Altria Group, Inc.
6	American Brands, Inc.		Acquired by American Tobacco Company in 1985.
7	American Cancer Society	ACS	The American Cancer Society was founded in 1913 as the American Society for the Control of Cancer (ASCC) by 15 prominent physicians and business leaders in New York City. The American Cancer Society is the nationwide community-based voluntary health organization dedicated to eliminating cancer as a major health problem by preventing cancer, saving lives, and diminishing suffering from cancer, through research, education, advocacy, and service.
8	American Health Foundation	AHF	The American Health Foundation was directed by the late Dr. Ernst Wynder. AHF took funds from Philip Morris and Kraft for research relating to dietary and lifestyle causes of lung cancer.
9	American Heart Association	AHA	Founded in 1924, the American Heart Association is a national voluntary health agency whose mission is to reduce disability and death from cardiovascular diseases and stroke.

	Organization	**Acronym**	**Description**
10	American Legacy Foundation	ALF	The American Legacy Foundation is a 501(c)(3) organization that was established in March 1999 as a result of the Master Settlement Agreement (MSA) and funded through payments designated by the settlement between 46 states and the tobacco industry. The Foundation operates with two goals: arming young people with the knowledge and tools to reject tobacco, and eliminating disparities in access to tobacco prevention and cessation services. Its most high-profile youth smoking prevention activity is the Truth Campaign. With the exception of minor payments extending through 2008 that are not sufficient to cover the Foundation's activities, the obligation of the cigarette manufacturer signatories to the MSA to fund the Foundation expired in 2003.
11	American Lung Association	ALA	The American Lung Association® is the oldest voluntary health organization in the United States, with a National Office and constituent and affiliate associations around the country. Founded in 1904 to fight tuberculosis, the American Lung Association® today fights lung disease in all its forms, with special emphasis on asthma, tobacco control and environmental health.
12	American Medical Association	AMA	Founded in 1847, the AMA speaks out on issues important to patients and the nation's health. AMA policy on such issues is decided through its democratic policy-making process, in the AMA House of Delegates, which meets twice a year. The House is comprised of physician delegates representing every state; nearly 100 national medical specialty societies; federal service agencies, including the Surgeon General of the United States; and six sections representing hospital and clinic staffs, resident physicians, medical students, young physicians, medical schools and international medical graduates.

	Organization	**Acronym**	**Description**
13	American Tobacco Company	ATC	In 1890, the five largest US tobacco companies united to form the American Tobacco Company. In 1902 American Tobacco Company and Imperial Tobacco, formed British American Tobacco. In 1911, under an anti-trust ruling in the US, American Tobacco Company was split into four main companies. One of the new companies kept the American Tobacco Company name and the right to continue selling a number of Imperial brands in the US. The three other companies which emerged from the separation of the trust were Liggett and Myers, P. Lorillard, and R. J. Reynolds. BAT acquired American Tobacco Company in 1994. American was merged into Defendant Brown & Williamson on February 28, 1995. A separate New Jersey corporation named American Brands, Inc., was merged into American in 1985. As a result of this merger, American succeeded in interest to the tobacco products business of the New Jersey corporation named American Brands, Inc. From 1953 until its merger with Brown & Williamson, American and its affiliates have had at least four offices and plants in four different states.
14	APCO Associates	APCO	APCO was created in 1984 as a wholly owned subsidiary of Arnold & Porter. Arnold & Porter was counsel to Philip Morris. It was intended to complement several existing practice areas within the law firm particularly in legislative and related public policy fields. In 1991, APCO was sold by Arnold & Porter to Grey Advertising (APCO's current parent company).
15	Arnold & Porter	A&P	Counsel for Philip Morris USA, Altria Group Inc. and Joint Defense Counsel.
16	Arthur D. Little, Inc.	ADL	Founded in 1886, Arthur D. Little is a consulting firm that has traditionally offered technology skills to industry. ADL was hired by Liggett in 1953 to test tobacco condensates on mice in an attempt to develop strategies for removing carcinogens. ADL later served as a tobacco industry and Council for Tobacco Research Consultant and Contract Laboratory, and received funds from Special Account #4 (1967-69).

	Organization	**Acronym**	**Description**
17	Associates for Research on Indoor Air	ARIA	ARIA was created in February 1988 by Covington & Burling as a Philip Morris initiative in the United Kingdom designed to generate favorable scientific comment on ETS issues. It was little more than a public relations program, not a scientific research operation. Funded by the industry, Covington & Burling acted as a buffer between the industry and the scientists to allow the members to retain the appearance of "independence." The group was headed by industry consultants George Leslie, Francis Roe, and Frank Lanau, who set up another industry front to fund indoor air quality seminars, research, and publications such as IAI or Indoor Air International.
18	Atmospheric Health Sciences		SHB Special Account Funding Recipient (1986-90). With offices in New Jersey, the Philippines and France, the organization was run by industry consultant Dominic Aviado.
19	Australian Federation of Consumer Organizations	AFCO	In 1991, AFCO filed suit against the Tobacco Institute of Australia for a misleading 1986 advertisement stating that " there is little evidence and nothing which proves scientifically that cigarette smoke is a cause of disease in non smokers."
20	BAT (U.K. and Export) Limited	BATUKE	UK tobacco manufacturing subsidiary of BAT Industries plc.
21	BAT Cigaretten Fabriken	BAT-Germany	One of the major BATCo affiliates (along with B&W, Souza Cruz, BATUKE, and one or two others) that conducts its own research and funds the Research & Development Centre.
22	BAT Group-Group Research and Development Center	GR&DC	GR&DC was a cooperative research effort of all operating tobacco companies within the BAT Group. The companies controlling and funding GR&DC included BATCo and Brown & Williamson.
23	BAT Industries		Parent company or ultimate parent company of BATCo and Brown & Williamson. Predecessor to BAT plc.

	Organization	Acronym	Description
24	Battelle Laboratories		Battelle began operations as Battelle Memorial Institute in 1929, providing new product development services and consulting. Battelle Research Institute/Battelle Laboratories/Battelle--Geneva Laboratories is a major testing laboratory for tobacco companies. In 1963, BAT sponsored nicotine addiction research by Battelle Research Institute in Geneva, Switzerland, including studies by C. Haselbach and O. Libert, completed in 1963. In May 1963, a study was sent to BAT entitled "A Tentative Hypothesis on Nicotine Addiction," which said in part that the body "craves for renewed drug intake . . . this unconscious desire explains the addiction of the individual to nicotine". Battelle also received funding from Philip Morris, the Lawyers Special 4 account and CTR Special Projects #48 Funds.
25	BATUS Holdings, Inc.		A Delaware corporation with its principal place of business in Louisville, Kentucky, BATUS is an indirect subsidiary of BAT, and is an indirect corporate parent of Brown & Williamson. BAT is the ultimate shareholder and parent of Brown & Williamson. BATCo was formerly an indirect parent of Brown & Williamson and BATUS Holdings, Inc.
26	BATUS, Inc.		BATUS Inc. is Brown & Williamson's immediate parent company in Louisville, Kentucky.
27	BioResearch Laboratories		BioResearch Laboratories was a research facility run by industry consultant and SP4 recipient, Dr. L.G.S. Rao.
28	British American Tobacco	BAT	Formed on 1902 as a joint venture between the Imperial Tobacco Company (ITC) in the U.K., and the American Tobacco Company (ATC) in the U.S. Acquired Brown & Williamson in 1927. Subsidiary to BAT Industries, a new holding company created in 1976. BAT plc formed in 1998.
29	British American Tobacco (Australasia Holdings) Pty Limited		Australasia Holdings is an Australasian resident holding company of BATAS.

	Organization	**Acronym**	**Description**
30	British American Tobacco (Australia) Services Limited	BATAS	Formerly known as W.D. & H.O. Wills (Australia) Limited ("Wills"). Prior to August 23, 1999, BATCo, through intermediate holding companies, held approximately 67% of the shares of Wills.
31	British American Tobacco (Investments) Ltd.	BATCo	Defendant. British American Tobacco (Investments) Limited ("BATCo"), formerly known as British American Tobacco Company Limited, is a company incorporated under the laws of England and Wales, with principal offices in London. BATCo is a subsidiary of British American Tobacco, p.l.c. ("BAT"), and between 1927 and 1979 was the corporate parent of Defendant Brown & Williamson Tobacco Company.
32	British American Tobacco Group	BAT Group	Term used to describe all companies subsidiary to BAT plc. (or prior to BAT plc., all companies subsidiary to the ultimate BAT parent company), including B&W, BATCo, BATAS, etc.
33	British American Tobacco plc	BAT plc	Became a publicly trade U.K. company in 1998 and is the ultimate parent of BATCo, B&W, and all other "BAT" companies. Through B&W, BAT plc owns about 42% of the approximately 150 million shares of the new "Reynolds American" common stock.
34	British American Tobacco Services Limited		BAT Services, Ltd. is a BATCo Affiliate.
35	Brotman/Freedman Institute		The Center for Behavioral Analysis of Policy Issues (later renamed The Madison Institute for Policy Research and Development) set up by industry consultants Brotman and Freeman at the expense of the tobacco industry under Special Account #5. The purpose of this institute was to combat what Drs. Freedman and Brotman perceived to be the growing repression by the government and other establishment forces of the public's "unacceptable" routine behavior through regulation of such behavior as anti-social, criminal or ill.

	Organization	Acronym	Description
36	Brown & Williamson Tobacco Corporation	B&W	Defendant. Brown & Williamson Tobacco Corporation ("Brown & Williamson") is a Delaware corporation with its principal place of business in Louisville, Kentucky. BATUS Holdings, Inc., a Delaware corporation with its principal place of business in Louisville, Kentucky, is an indirect subsidiary of BAT, and is an indirect corporate parent of Brown & Williamson. BAT is the ultimate shareholder and parent of Brown & Williamson. BATCo was formerly an indirect parent of Brown & Williamson and BATUS Holdings, Inc. Since 1953, Brown & Williamson has had as many as twenty-six offices, plants, and other facilities in twenty-one different states. In August 2004, B&W merged with RJR Tobacco Company to form a new company, Reynolds American, Inc. Reynolds American will have four operating companies: R.J. Reynolds Tobacco Company, Lane Limited, Santa Fe Natural Tobacco Company, and R.J. Reynolds Global Products, Inc. Through B&W, BAT plc will own about 42 percent of Reynolds American Inc. stock.
37	Bureau of Labor Statistics	BLS	The Bureau of Labor Statistics is part of the U.S. Department of Labor and "is the principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics. BLS data must satisfy a number of criteria, including relevance to current social and economic issues, timeliness in reflecting today's rapidly changing economic conditions, accuracy and consistently high statistical quality, and impartiality in both subject matter and presentation." One such data source, the Current Population Survey (CPS), is a monthly survey of households conducted by the Bureau of Census for the Bureau of Labor Statistics. It provides a comprehensive body of data on the labor force, employment, unemployment, and persons not in the labor force. BLS publishes the Consumer Price Indexes (CPI) which summarizes monthly data on changes in the prices paid by urban consumers for a representative basket of goods and services.

	Organization	**Acronym**	**Description**
38	Burson-Marsteller	B-M	Burson-Marstellar is a global public relations firm that has been used by Philip Morris, BATCo, R.J. Reynolds, Brown & Williamson, & Lorillard. Burson-Marstellar was hired by defendants in the mid-1990s to design a public relations strategy to counter the anticipated report of the International Agency for Research on Cancer (IARC) on the health effects of exposure to secondhand smoke, for which Burson-Marstellar's efforts including the creation of a London command center for responsive messages to the IARC Report and training sessions for industry scientists designed to teach them to effectively convey public relations messages.
39	Business Council on Indoor Air	BCIA	Formed in 1988 "to address a growing mutual concern of a number of private companies representing a wide spectrum of industries about the serious national problem of poor indoor air quality." Infiltrated by industry consultants to affect building standards on behalf of the industry.
40	Cabell Medinger Forsyth & Decker		Law firm that has served as counsel to R.J. Reynolds, CTR and U.S. Tobacco.
41	Center for Environmental Health and Human Toxicology	CEHHT	A consulting firm that provided services, including litigation consulting, literature review and analysis, consulting and testimonial expert witnesses, and other services with respect to scientific or technical issues involving environmental health or toxicology, including ETS and indoor air quality issues. Established in 1982 at Georgetown by Sorrell Schwartz, and P. Witorsch, by 1985, CEHHT had been hired by Covington & Burling to read publications and weed out unsuitable candidates for the TI Scientific Witness Program. These scientists would testify before legislative bodies on behalf of TI and other industry members. CEHHT also managed an ETS database for industry consultants and law firms. The project was administered and funded through Covington and Burling.

	Organization	Acronym	Description
42	Center for Indoor Air Research	CIAR	CIAR was a nonprofit organization founded and funded by the tobacco industry in March 1988 to sponsor "high-quality research on indoor air issues and to facilitate communication of research findings to the broad scientific community." CIAR took over the research responsibilities of the Hoel Committee, which was also known as the TI ETS Advisory Group. Research funding was patterned after that of CTR in that CIAR had a grant procedure where research projects went through a scientific advisory board, while simultaneously funding "applied projects" similar to CTR's Special Projects. Applied Projects were recommended and approved by the Board of Directors, which was comprised of defendants' scientists and lawyers. John Rupp, C&B, who was spear-heading the ETS Consultancy Program on behalf of the industry, and Don Hoel, who organized the industry's ETS symposia using scientists paid by defendants, attended the Board of Directors' meetings.
43	Center for Research in Securities Pricing	CRSP	The Center for Research in Securities Pricing is a financial research center at the University of Chicago Graduate School of Business (GSB). CRSP creates and maintains premier historical US databases for stock (NASDAQ, AMEX, NYSE), indices, bond, and mutual fund securities. These databases are used by leaders in academic and corporate communities for financial, economic, and accounting research.”

	Organization	**Acronym**	**Description**
44	Centers for Disease Control and Prevention	CDC	The Centers for Disease Control and Prevention is an operating division of the Department of Health and Human Services comprising several subdivisions that have addressed smoking behaviors and smoking caused death, diseases and health care costs. Its subdivisions include the National Center for Chronic Disease Prevention and Health Promotion (NCCDPH) and the Office on Smoking and Health (OSH), which manage the process of preparation of Reports of the Surgeon General on Smoking and Health. CDC makes available the Smoking-Attributable Mortality, Morbidity, and Economic Cost (SAMMEC) software, a computer program designed to estimate death, disease, and cost caused by smoking, primarily for use by state agencies.
45	Centers for Medicare and Medicaid Services	CMS	The Centers for Medicare and Medicaid Services (formerly HCFA - the Health Care Financing Administration) are an HHS operating division and collects Medicare's electronic claims history data, some enrollment data and current beneficiary survey. The Medicare Current Beneficiary Surveys (MCBS) have been conducted by CMS and ask whether beneficiaries are current smokers, former smokers, or never smokers. Thus, while not as complete as the 1987 NMES in some aspects, MCBS is a survey that focuses on health care expenditures of senior citizens and includes information about smoking behavior. CMS publishes the National Health Accounts, which measure spending and source of funding for health care services in the U.S.

	Organization	**Acronym**	**Description**
46	Centre de Coopération pour les Recherches Scientifiques Relatives au Tabac translated as the Cooperation Centre for Scientific Research Relative to Tobacco	CORESTA	CORESTA was created following the resolutions approved by the First International Scientific Tobacco Congress held in Paris, France, on September 10, 1955. It was created "[i]n order to operate a permanent Secretariat for international co-operation in scientific studies relative to tobacco." Its registered offices are located in Paris, and every world-wide major tobacco company and tobacco industry organization is a member. Meetings have been held every two years and, as of 1992, CORESTA had approximately 190 members, including Defendants BATCo, Philip Morris, Lorillard, Brown & Williamson, Liggett, and R.J. Reynolds. Various CORESTA working groups have acted to advance defendants' public relations agenda on issues such as the health effects of exposure to secondhand smoke and additives and ingredients.
47	Chadbourne & Parke		Counsel for BATCo, BATUKE and American Tobacco Co.
48	Chadbourne, Parke, Whiteside, Wolf & Brophy		Predecessor to Chadbourne & Parke. Counsel to American Tobacco Co.
49	Clayton Utz		Australian Law Firm. Counsel to W.D. & H.O. Wills Ltd., a BATCo affiliate, and the Tobacco Institute of Australia that helped prepare the industry for litigation by the implementation of a document "management" program.

	Organization	Acronym	Description
50	Committee of Counsel	COC	Also known as: Tobacco Institute Committee of Counsel, and TI Committee of Counsel, the Committee of Counsel was a committee of the Tobacco Institute comprised of the general counsels of the sponsoring companies of the Tobacco Institute – Philip Morris, R.J. Reynolds, Lorillard, Liggett, and Brown & Williamson – as well as counsel for American and outside counsel for the member companies. The purpose of the Committee of Counsel was to provide legal advice on any matter brought before it by member companies. The Committee of Counsel assumed a leadership role with respect to smoking and health matters for the member companies. The Committee of Counsel also was involved in approving industry support of scientific symposia, including the Rylander ETS Workshop in Geneva; and approving research conducted through the Ad Hoc Committe, CTR Special Projects and Special Account 4.
51	Conboy, Hewitt, O'Brien, & Boardman		Counsel for Philip Morris.
52	Confederation of European Community Cigarette Manufacturers	CECCM	The Confederation of European Community Cigarette Manufacturers was established in 1988 in the United Kingdom. Its objectives are to monitor EU developments relevant to the tobacco sector, and to communicate common viewpoints and positions of its members to the EU institutions.
53	Consolidated Safety Services		Non-charter member of CIAR and TI consultant.
54	Contract Research Center	CRC	In 1988, the German government banned animal-type testing and Philip Morris set up a research facility in Belgium known as the Contract Research Center ("CRC") under FTR Holding. Located in Brussels it is headed by Dr. Roger Walk, who reported to Wolf Reininghaus, Director of INBIFO.

	Organization	Acronym	Description
55	Council for Tobacco Research	CTR	Defendant. The Council for Tobacco Research (CTR) was formerly known as The Tobacco Industry Research Council (TIRC) (see related description of TIRC). TIRC was formed in January 1954 by several entities, including Defendants Philip Morris, R.J. Reynolds, Brown & Williamson, American, and Lorillard. TIRC had its principal place of business in New York. In 1964, TIRC changed its name to The Council for Tobacco Research – U.S.A., and in 1971, the name was changed to The Council for Tobacco Research – U.S.A., Inc., whereby CTR was incorporated as a not-for-profit corporation organized under the laws of the State of New York. In the amended bylaws of the new corporation, the purposes and objectives of CTR continued to be "to aid and assist research into tobacco use and health, and particularly into the alleged relationship between the use of tobacco and lung cancer and to make available to the public factual information on this subject."
			Following incorporation, CTR was divided into two classes of members, Class A and Class B. Class A members were: (i) designated by the Board of Directors; (ii) domestic persons who sold cigarettes in the United States; and (iii) manufacturers of their own brand of cigarettes. Class A members included American Tobacco, Brown & Williamson, Lorillard, Philip Morris, R.J. Reynolds, and United States Tobacco. Class B members were: (i) designated by the Board of Directors; and (ii) a person, corporation, association, or partnership not eligible for Class A membership but involved in the production, manufacturing, and distribution of cigarettes. After CTR's incorporation, in 1971 and until 1999, the Enterprise met annually at the CTR's Meeting of Members. At these meetings, representatives of the Enterprise discussed activities of CTR which furthered their goals such as Special Projects, the Literature Retrieval Division, contract research, public relations, the TIRC/CTR Scientific Advisory Board (see related description of the TIRC/CTR Scientific Advisory Board), and scientific conferences.

	Organization	Acronym	Description
			The TIRC was formed and funded by the tobacco industry to award research grants for the study of the link between smoking and disease. Research was funded either based upon recommendations of a Scientific Advisory Board or through "special projects" which were recommended primarily for funding by industry lawyers and approved by industry members on the CTR Board of Directors. CTR has helped the tobacco industry's legal counsel by giving advice and technical information which was needed at court trials. CTR has provided spokesmen for the industry at Congressional hearings. The monies spent on CTR provided a base for introduction of witnesses. Bill Shinn, an industry attorney at Shook, Hardy & Bacon, stated that special projects are the best way that monies are spent. On these projects, CTR has acted as a front. Bill Shinn mentioned that the public relations value of CTR must be considered and continued. It is extremely important that the industry continue to spend their dollars on research to show that we don't agree that the case against smoking is closed. There is a CTR basket which must be maintained for PR purposes.
56	Covance		Covance Inc., with headquarters in Princeton, NJ, is one of the world's largest and most comprehensive drug development services companies with 2003 revenues of $940 million, global operations, and 6,500 employees worldwide. Covance owns Covance Laboratories, formerly Corning Hazleton or "Hazleton". In 1997, Covance split from Corning Hazleton.

	Organization	Acronym	Description
57	Covington & Burling	C&B	Covington & Burling has served as counsel to the tobacco industry, including TI, CIAR, Philip Morris and BATCo. Members of the firm served on various tobacco industry committees, including the TI Committee of Counsel, TI ETS Advisory Group, TI Communications Committee, TI Ingredients Committee and International Ingredients Committee. Covington & Burling coordinated the industry ETS Consultancy program in the United States and abroad, and acted as a conduit to pay industry-favorable scientists in order to hide the scientists' connection to defendants. BATCo scientist Christopher Proctor worked as a staff scientist at Covington & Burling in the early 1990s as part of the Whitecoat Project, designed to assist defendants with scientific witness development.
58	Davis Polk & Wardell		Counsel for Philip Morris and R. J. Reynolds.
59	Davis, Polk, Wardwell, Sunderland & Kiendl		Predecessor to Davis Polk & Wardell, counsel to Philip Morris and RJR.
60	Debevoise & Plimpton		Counsel for the Council for Tobacco Research.
61	Department of Health and Human Services	HHS	The Department of Health and Human Services is the single agency most involved in measuring smoking behavior, studying its effects and impact, and issuing health information.
62	Eastman Chemical Products		Subsidiary of Eastman Kodak, conducted surveys on cigarette smoking behavior and attitude on behalf of Philip Morris and Lorillard.
63	EEC Consumerism Task Force		ICOSI Task Force that recognized the industry's credibility problem and tackled it by the use of third parties, who could be quoted and therefore lend authority to the industry's positions.

	Organization	**Acronym**	**Description**
64	EGIL	EGIL	A Swedish acronym for Expert Group on Indoor Air, which was a Nordic Region front organization made up of industry consultants that acted on behalf of the tobacco industry on ETS and indoor air quality issues.
65	Elrich & Lavidge		Firm considered by the Committee of Counsel to perform a consumer survey to look for awareness of smoking and health issues in 1963.
66	Environmental Protection Agency	EPA	United States government agency that issued a 1993 Risk Assessment classifying environmental tobacco smoke as a Class A carcinogen.
67	Eysenck Institute of Psychiatry		Founded by Hans J. Eysenck, a Council for Tobacco Research Special Project Researcher (1970-1971, 1973-1983) and Joint Industry Funded Consultant receiving funds from the Special 4 Account.
68	Fabriques de Tabac Reunies	FTR	Swiss cigarette company in Neuchatel, Switzerland, that operated as a research and development arm of Philip Morris. FTR became parent of INBIFO in 1971.
69	Federal Trade Commission	FTC	United States government agency created when President Woodrow Wilson signed the FTC Act into law on September 26, 1914. The FTC enforces federal consumer protection laws that are designed to prevent fraud, deception and unfair business practices. The Commission also enforces federal antitrust laws that prohibit anticompetitive mergers and other business practices that restrict competition.
70	Fleishman Hillard		A public relations firm for the Tobacco Institute.

	Organization	Acronym	Description
71	Flue-Cured Tobacco Co-operative Stabilization Corp.		Began in 1946, the cooperation is owned by and serves the flue-cured tobacco farmers from the "bright leaf area" of Florida, Alabama, Georgia, South Carolina, North Carolina and Virginia. The Cooperation was a plaintiff with R.J. Reynolds and four other plaintiffs in a lawsuit against the Enivronmental Protection Agency filed on June 22, 1993 in U.S. District Court for the Middle District of North Carolina, asking the court to declare EPA's Risk Assessment on Environmental Tobacco Smoke null and void.
72	Food and Drug Administration	FDA	The Food and Drug Administration (FDA) is part of the Department of Health and Human Services. It is a scientific, regulatory, and public health agency with jurisdiction encompassing most food products (other than meat and poultry), human and animal drugs, therapeutic agents of biological origin, medical devices, radiation-emitting products for consumer, medical, and occupational use, cosmetics, and animal feed. Beginning as the Division of Chemistry and then (after July 1901) the Bureau of Chemistry, the modern era of the FDA dates to 1906 with the passage of the Federal Food and Drugs Act. The Bureau of Chemistry's name changed to the Food, Drug, and Insecticide Administration in July 1927, when the nonregulatory research functions of the bureau were transferred elsewhere in the department. In July 1930 the name was shortened to the present version. FDA remained under the Department of Agriculture until June 1940, when the agency was moved to the new Federal Security Agency. In April 1953 the agency again was transferred, to the Department of Health, Education, and Welfare (HEW). Fifteen years later FDA became part of the Public Health Service within HEW, and in May 1980 the education function was removed from HEW to create the Department of Health and Human Services, FDA's current home. The FDA's stated mission is to promote and protect the public health by helping safe and effective products reach the market in a timely way, and monitoring products for continued safety after they are in use. The FDA presently has no regulatory authority over cigarettes.

	Organization	**Acronym**	**Description**
73	Foote, Cone & Belding		Advertising Agency used by defendant Lorillard.
74	Forsyth, Decker, & Murray		Law firm that represented US Tobacco.
75	Franklin Institute		Council for Tobacco Research Special Project #97 (1978-79).
76	Fresenius		Institute (Institute Fresenius-Germany) funded by Philip Morris (1990-91) to develop technology to measure air quality.
77	Gallaher Ltd.		American Tobacco Company's UK-based sister company (in 1970).
78	Grey Advertising		Advertising Agency for Lorillard during the 1960s and 1970s and for Brown & Williamson from March 1994 through 2001. In 1991, Grey Advertising bought APCO Associates from Arnold & Porter.
79	Group Research and Development Centre	GR&DC	BATCo's Group Research & Development Center.
80	Harrogate Laboratory		A biological research facility opened by Britain's Tobacco Manufacturers' Standing Committee (TMSC) in September 1962. In 1974, the TRC (Tobacco Research Council, TMSC's successor), negotiated the sale of the laboratories to Hazleton Laboratories Europe Limited, a UK subsidiary of the Hazleton Laboratories Corporation, Virginia, USA. Hazleton continued to retain many of the former TRC scientific employees, and smoking and health-related work was carried out for the TRC, under contract at Harrogate, for a number of years after the sale. Hazleton conducted ETS research on behalf of tobacco industry through the International ETS Management Committee and Center for Indoor Air Research.

	Organization	**Acronym**	**Description**
81	Harvard Research Tobacco and Health Program		The Program was established pursuant to a written agreement between Harvard and Brown & Williamson, Liggett, Lorillard, R.J. Reynolds, and Philip Morris USA. It was directed by Gary Huber, its Head and chief investigator and carried out smoking and health research from 1972-1980 before funding was suspended by defendants.
82	Hazleton Laboratory		Hazleton was used as a contract laboratory by defendants to conduct research on smoke condensate carcinogenicity and ETS. It received funding from defendants through TI, the International ETS Management Committee and CIAR.
83	Healthy Buildings International	HBI	Formerly Air Conditioning and Ventilation Associates Atlantic (ACVA Atlantic), HBI was a business concerned with indoor air quality that was run by Gray Robertson. Beginning in 1985 ACVA and Robertson helped disseminate the tobacco industry's strategy of avoiding discussion of the connection between passive exposure and disease by deflecting attention away from ETS to "the larger problem of all of indoor air." This was used as a basis to challenge existing laws and counter specific legislative and regulatory threats. ACVA became Healthy Buildings International (HBI) and was an important part of the industry's ETS Consultancy Program (defendants' international effort to deny and distort the health effects of exposure to secondhand smoke). ACVA/HBI and Philip Morris publicized a concept they created called "sick building syndrome" to take attention away from cigarettes as a point-source of indoor air pollution. Payments for these services were made by TI, Covington and Burling, CTR Special Projects and Industry Lawyers Special 4 Account.

	Organization	Acronym	Description
86	Imperial Tobacco Company	ITC	Imperial Tobacco Company is a British cigarette manufacturer formed in 1901 by 13 family-run businesses in an effort to keep American Tobacco Company ("ATC") from taking over the small companies. In 1902 Imperial, together with ATC, formed British American Tobacco. In 1911, under an anti-trust ruling in the US, ATC was split into four main companies. One kept the ATC name and the right to continue selling a number of Imperial brands in the US, leaving Imperial free to export any of its other brands to the American market. Until 1973 Imperial's trade was almost entirely limited to the UK and the Republic of Ireland while BAT confined itself, in the UK, to manufacturing for export and the duty-free trade. Imperial Tobacco owned some of BAT's brand names in the UK, while BAT owned most of Imperial's in Western Europe. Only in 1973 did each company, broadly, regain control of its own brand names in the UK and Western Europe. By 1980 Imperial had sold off its last financial holding in BAT. Bought out by Hanson PLC in 1985, Imperial regained its corporate independence in 1996 and is now known as the Imperial Tobacco Group PLC.
87	Imperial Tobacco Ltd.	ITL	BATCo Canadian Affiliate and member of BAT Group. In 1970, Imperial Tobacco Company of Canada Limited was reorganized and renamed Imasco Limited (Imperial and Associated Companies) making Imperial Tobacco Limited a subsidiary. On January 28, 2000, Imasco shareholders supported a special resolution permitting British American Tobacco (BAT) to acquire the 58.5% of Imasco shares it did not already own. On February 1, 2000, Imperial Tobacco became a wholly owned subsidiary of BAT plc, carrying out its business activities under the name of Imperial Tobacco Canada.

	Organization	**Acronym**	**Description**
84	Hill & Knowlton	H&K	Hill & Knowlton was originally founded by John W. Hill in 1927 in Cleveland, Ohio. Hill added Donald Knowlton as a partner and moved the company headquarters to New York in 1934. Hill attended the meeting of major cigarette manufacturers at the Plaza Hotel in December 1953 and assisted defendants with the creation of the Tobacco Industry Research Council (TIRC) and the associated public relations strategy. Hill & Knowlton continued to work with TIRC, CTR, TI and the tobacco industry on its public relations strategies related to the health effects of smoking throughout the 1950s and 1960s.
85	Hoel Committee		The Hoel Committee was a group of industry lawyers and scientists who were asked by the Industry Research Liaison Committee in 1975 to convene to recommend areas of industry research on passive smoking. The group was chaired by Donald Hoel of Shook, Hardy & Bacon. The committee operated for approximately 13 years and was known by many different names, but was in essence the same group, often referred to as the "Hoel Committee," after its Chairman. The committee reported to the Committee of Counsel, which supervised its activities and approved recommended research projects which were funded either as CTR Special Projects or as Lawyers' Special 4 Account Projects. Symposia were orchestrated by Hoel for the industry employing the recipients of these project funds. The proceedings of these symposia would later be cited by defendants before legislative bodies in support of the industry position that ETS was not a hazard and that no legislation regulating public smoking was necessary. In 1988, CIAR was created to take over the research functions of the Hoel Committee and to provide a new funding mechanism for ETS projects.

	Organization	**Acronym**	**Description**
88	Indoor Air International	IAI	A European front organization made up of industry consultants that acted on behalf of the tobacco industry on ETS and indoor air quality issues. IAI Scientists were paid through, and received direction from Covington & Burling. IAI issued its own newsletter and published it's own scientific journal which was utilized to publish the works of the various industry consultants. IAI later became the International Society of the Built Environment or ISBE.
89	Indoor Air Pollution Advisory Group	IAPAG	IAPAG was a division of Center for Health & Human Toxicology (CEHHT) set up for the industry by Sorrell Schwartz, and P. Witorsch. By 1985, it had been hired by Covington & Burling to read publications and weed out unsuitable candidates for the TI Scientific Witness Program. Members Nancy Balter and Sorell Schwartz assisted in establishing the international ETS Consultancy Program. IAPAG also managed an ETS database for industry consultants and law firms. The project was administered and funded through Covington and Burling.
90	Indoor and Built Environment.		IAI/ISBE industry fronted scientific journal.

	Organization	Acronym	Description
91	Industry Research Liaison Committee (also known as: Research Liaison Committee; formerly the Research Review Committee)	RLC	The Industry Research Liaison Committee was approved at a meeting of the Tobacco Institute on October 3, 1974, as a successor to the Research Review Committee which had been established in April 1974. The aims and functions of Research Liaison Committee were to devise and implement fiscal and peer review for institutional grants, and to consider and make recommendations with respect to proposals for institutional and other research projects in light of total industry opinion on what future course Defendants' financial support of research should take. Specifically, members of the Committee were charged with the responsibility for studying industry research programs and research projects funded outside of CTR, such as those at Harvard, Washington University, and UCLA, and reporting their recommendations to the chief executives of the defendant tobacco companies. Members of the Research Liaison Committee were also encouraged to attend CTR report meetings to keep informed of CTR plans and projects. Members of the Research Liaison Committee included research directors from various tobacco companies, TI personnel, and attorneys.
92	Industry Technical Committee	ITC	The Industry Technical Committee was a TIRC committee comprised of the research directors of member companies. When initially formed, it assisted the TIRC Law Committee and the public relations firm of Hill & Knowlton in screening and selecting potential members for the TIRC Scientific Advisory Board and in retaining a Scientific Research Director for TIRC. The ITC provided technical information to the SAB concerning tobacco, its constituents, and other matters. The chairman of the Industry Technical Committee was invited to sit in on all SAB meetings in order to make sure that the SAB and the Industry Technical Committee were coordinated.

	Organization	Acronym	Description
93	Information Intersciences, Inc	3i	a.k.a. 3i, an organization Covington & Burling contracted with in 1966 to provide confidential, automated litigation support services to the law firms representing cigarette manufacturers in products liability litigation. Performed literature searches for defense counsel, through its Information Retrieval System. Precursor to Council for Tobacco Research Literature Research Division. Special Account #4.
94	Institut Fur Biologische Forschung, or Institute for Biological Research.	INBIFO	Located in Cologne. Germany, acquired by PM's FTR in 1971. Rylander became the "coordinator" of scientific activities between INBIFO and Philip Morris's Research Center in Richmond, Virginia. INBIFO conducted extensive reseach on Nicotine and ETS. Inhalation toxicology was a key feature of Inbifo. While reports of INBIFO's research were sent to PM USA for review, they were returned to INBIFO for storage. (2043725390).
95	Institute of Hygiene and Occupational Medicine		Institute based at the University of Essen, Germany.
96	Interactive Data Corporation	IDC	Interactive Data Corporation describes itself as a "leading global provider of mission critical financial and business information to institutional and retail investors. The company supplies time sensitive pricing, dividend, corporate action and descriptive information for more than 3.5 million securities traded around the world to banks, brokerage firms, insurance companies, money managers, and mutual fund companies."
97	International Agency for Research on Cancer	IARC	IARC is an autonomous agency within the World Health Organization ("WHO") that is responsible for scientific research in the field of cancer causation and prevention and, in particular, classification of claimed carcinogens. IARC conducted a multi-center epidemiology study on ETS, which was initiated in 1988, with data collection completed in 1994 and results published in 1998. The study found increased increased risk of lung cancer as a result of exposure to secondhand smoke.

	Organization	**Acronym**	**Description**
98	International Committee of Counsel		In house and outside legal counsel to Tobacco Companies.
99	International Committee on Smoking Issues	ICOSI	Global organization formed as a result of discussions at a 1977 meeting called "Operation Berkshire" where the CEO's of major cigarette manufacturers met in secret "to develop a defensive smoking and health strategy, to avoid our countries and/or companies being picked off one by one, with a resultant domino effect." ICOSI developed internationally consistent positions on smoking and health issues, which were distributed to local management and National Manufacturers Associations for lobbying and public information campaigns, or as base documents for responding to public health advocates. ICOSI's name changed to the International Tobacco Information Center/Centre International d'Informatin Du Tabac (INFOTAB) in 1981. The Board of Directors included, at various times, Vice Presidents and CEOs of defendant companies who also held positions on the Tobacco Institute Executive Committee, TI Board of Directors or Committee of Counsel. Outside counsel, Donald Hoel of Shook, Hardy & Bacon attended the organization's meetings and acted in an advisory role. In 1992, INFOTAB was renamed the Tobacco Documentation Centre ("TDC").
100	International ETS Management Committee ("IEMC")	IEMC	Committee comprised of members from BATCo, R.J. Reynolds, Philip Morris USA, American Brands/Gallahers, Imperial Tobacco, Reemstma, and Rothmans, dedicated to, *inter alia* , developing public relations strategies to minimize or preempt the impact of mainstreat scientific investigation on ETS issues. The IEMC was instrumental in identifying scientific research projects, to be funded through CIAR, in an attempt to minimize the impact of the IARC Report on ETS exposure.

	Organization	Acronym	Description
101	International Information Institute, Inc (later Information Interscience Incorporated)	3i	3i was the successor to the International Information Institute, which was an organization Covington & Burling contracted with in 1966 to provide confidential, automated litigation support services to the law firms representing cigarette manufacturers in products liability litigation. The company performed literature searches for defense counsel, through its Information Retrieval System, and was the predecessor to the Council for Tobacco Research Literature Research Division. Special Account #4.
102	International Ingredients Committee		Committee that oversaw cigarette ingredients issues internationally, run by Covington & Burling.
103	International Society of the Built Environment	ISBE	Formerly Indoor Air International, which was a European front organization made up of industry consultants that acted on behalf of the tobacco industry on ETS and indoor air quality issues. IAI scientists were paid through, and received direction from, Covington & Burling. IAI issued its own newsletter and published its own scientific journal which was utilized to publish the works of various industry consultants. IAI later became the International Society of the Built Environment or ISBE, and operated with an identical function.
104	International Standards Organization	ISO	An international federation of national bodies covering stadardization in all fields except electrical and electronic engineering standards. The largest non-governmental system of industrial collaboration on standards and technical regulations.
105	International Tobacco Information Center/Centre International d'Informatin Du Tabac	INFOTAB	Successor to ICOSI. Name changed in 1981. Board of Directors included, at various times, Vice Presidents and CEOs of defendant companies who also held positions on the Tobacco Institute Executive Committee and Committee of Counsel. Outside counsel, Donald Hoel, Shook, Hardy & Bacon attended the organization's meetings and acted in an advisory role. In 1992, INFOTAB was renamed the Tobacco Documentation Centre ("TDC").

	Organization	**Acronym**	**Description**
106	Jacob, Medinger & Finnegan	JM&F	A law firm that directed the Center for Tobacco Research (CTR) Special Projects and Special 4 Account projects in collaboration with Shook, Hardy & Bacon. The firm, which included attorneys Ed Jacob and Tim Finnegan, served as counsel for CTR, R.J. Reynolds, Brown & Williamson and U.S. Tobacco.
107	Japan Tobacco	JTI	Japan Tobacco is the world's #3 tobacco company, after Altria and BAT. Japan Tobacco bought R.J. Reynolds International in 1999 and renamed it Japan Tobacco International ("JT International", or "JTI"). JTI sells all Camel, Winston and Salem cigarettes outside the U.S.
108	Jones, Day, Reavis & Pogue	Jones Day	Long-time counsel for R. J. Reynolds.
109	Joyce Julius & Associates		Joyce Julius and Associates, Inc. provides independent sports and special event program evaluation through exposure measurement. Joyce Julius electronically monitors and tabulates all clear and in-focus exposure during each television broadcast. Additionally, each mention of a sponsor's name or product(s) are counted and equated to 10-seconds of on-screen time, based on an average of three references per 30-second commercial spot. Subsequently, all of the clear and in-focus on-screen time and verbal references are compared to the individual broadcast's estimated cost per 30-second (CP:30) advertising rate to arrive at an equivalent value for the exposure. Joyce Julius data includes expenditures in televised racing events from 1986-2002 for defendants R.J. Reynolds, Philip Morris USA, Altria, British American Tobacco olc, Brown & Willamson, Lorillard and Liggett.
110	Kane, Bortree & Associates		A New York marketing firm for Philip Morris.
111	Kay Harwood Marketing Analysts, Inc.		Marketing group for Brown & Williamson.
112	Kenyon & Eckhardt		Company that conducted focus group research for Brown & Williamson.

	Organization	**Acronym**	**Description**
113	Laurence, Charles & Free, Inc.		Company that conducted focus group research for Lorillard.
114	Lauterstein & Lauterstein		Law firm retained by R.J. Reynolds and other tobacco companies prior to the formation of Jacobs, Medinger & Finnegan. The firm, which included long-time industry counsel Ed Jacob, handled Special 4 Accounts.
115	Leber Katz Partners		Advertising Agency (Leber Katz Partners Advertising) that developed campaigns for R. J. Reynolds.
116	Leo Burnett		Advertising agency located in Chicago, IL that produced, among advertisements, the Marlboro Man campaign for Philip Morris.
117	Leonard Zahn Associates	LZA	CTR public relations firm.
118	Liggett and Myers	L&M	Former subsidiary of Liggett Group, Inc. Spawned from the former American Tobacco Company in 1911 as a result of a U.S. anti-trust case against the former American Tobacco Company.
119	Liggett Group, Inc.		Defendant. Liggett Group, Inc. (Liggett) is a Delaware corporation which maintains its principal place of business in Durham, North Carolina. Liggett is an indirect subsidiary of Vector Group Ltd. ("Vector"), a company listed on the New York Stock Exchange with principal offices in Miami, Florida. Liggett and Myers was a Liggett subsidiary. Since 1953, Liggett and its affiliates have had offices and plants in at least thirteen locations in nine different states, and six locations internationally.
120	Loews Corporation		Loews Corporation (Loews) is a Delaware corporation, with its principal place of business in New York. Loews is the parent of Lorillard Inc. which is the parent of Lorillard Tobacco Company.

	Organization	Acronym	Description
121	Lorillard Tobacco Company		Defendant. Lorillard Tobacco Company ("Lorillard") is a Delaware corporation with its principal place of business in Greensboro, North Carolina. Lorillard is a wholly owned subsidiary of Lorillard, Inc., which in turn is a wholly owned subsidiary of Loews Corporation. Loews Corporation is a Delaware corporation, with its principal place of business in New York.
122	Lovells	LWD	Lovells, formerly Lovell White & Durrant and Lovell White & King, is an English law firm that represents BATCo. At the direction of BATCo legal head Nicholas Cannar, in 1985 Lovells counsel Andrew Foyle initiated Project Discovery, a document management project at the Group Research & Development Centre that lasted until the early 1990's. As part of Project Discovery, Lovells reviewed the entire document collection at the GR&DC to assess how damaging files or documents would be if discovered in litigation. BATCo's copy of the Foyle Memorandum was found in Lovells' files.
123	LS, Inc.	LS, Inc.	Formerly the Literature Retrieval Division (LRD) of Council for Tobacco Research, the LRD became LS, Inc. (Legal Services Corporation for Cigarette Industry Litigation) in 1983. LS, Inc. provided litigation support services to certain law firms engaged in the defense of tobacco project liability lawsuits. LS, Inc. and its predecessor organizations (LRD & 3i) have provided litigation support services to Defendants since 1966. The Board of Directors was comprised of representatives from Chadbourne & Parke, attorneys for defendants American Tobacco and Brown & Williamson; Shook, Hardy & Bacon, attorneys for Defendants Lorillard and Philip Morris; and Jones Day Reavis & Pogue, attorneys for R.J. Reynolds.

	Organization	Acronym	Description
124	Mallesons		Mallesons Stephen Jacque is an Australian law firm that represented WD & HO Wills, BATCo' former Australian subsidiary, and BATAS, Wills' successor. Mallesons helped Wills to create the Cremona database which imaged, indexed, and summarized documents potentially responsive to the Cremona litigation and rated documents by how damaging they would be to the company in litigation. Following the conclusion of the Cremona litigation, Mallesons aided Wills in the destruction of the database and hard copies of documents reflected in the database, destroying all records of countless relevant smoking and health documents.
125	MCA Graham Advertising		Lorillard advertising firm.
126	McCann-Erickson		Advertising agency retained by R. J. Reynolds.
127	McGill University	McGill	McGill University was the location of a1989 ETS Industry symposium where approximately 80 industry scientists who were part of the ETS Consultancy Program from around the world gathered. The proceedings of this symposium were published with the purpose of providing an undiluted counterweight to the scientific evidence that second hand smoke caused lung cancer.
128	Mediamark Research Incorporated	MRI	Mediamark Research Incorporated (MRI) provides information to magazines, television, radio, Internet and other media, leading national advertisers and over 450 advertising agencies. MRI's national syndicated data are widely used by these companies as the basis for the majority of the media and marketing plans that are written for advertised brands in the United States, particularly those which advertise in magazines. MRI measures youth readership of magazines in which defendants placed their cigarette brand advertisements from 1992 to 2002.
129	Merrell Dow Pharmaceuticals		Merrell Dow, a major pharmaceutical manufacturer, supplied Humectant to Philip Morris. The company also markets Nicorette, a smoking cessation product.

	Organization	Acronym	Description
130	Mezzina/Brown		Advertising agency founded in New York by in 1991 by two executives from Young & Rubicam. Mezzina/Brown handled the Joe Camel advertising campaign for R. J. Reynolds in 1994.
131	Microbiological Associates	MA	Microbiological Associates is a research laboratory in Bethesda, MD. The Council for Tobacco Research contracted with Microbiological Associates to do the world's largest inhalation study, involving more than 10,000 mice in 1973-1982. Funding for the study was terminated shortly after Dr. Carol Henry found an increase in cancers in the mice.
132	National Cancer Institute	NCI	Established in 1937 pursuant to the National Cancer Institute Act, its first staff was formed in a 1939 merger of the two Public Health Service research labs dealing with cancer—the Office of Cancer Investigations at Harvard, and a pharmacology division of NIH in Washington, DC. The two laboratories relocated in NCI's new Bethesda headquarters. NCI was to conduct its own research, promoting research in other institutions and coordinating cancer-related projects and activities.
133	National Center for Health Statistics	NCHS	The National Center for Health Statistics is an office within CDC. It conducts an annual National Health Interview Survey (NHIS) that often includes a supplement asking detailed questions about smoking behavior. NCHS is the final authority for approving the public release of NHIS survey data and protecting the privacy of participants in the survey.
134	National Heart Institute	NHI	Congress established the National Heart Institute in June 1948. It became the National Heart and Lung Institute in 1969 and the National Heart, Lung, and Blood Institute in 1976.
135	National Heart, Lung and Blood Institute	NHLBI	Successor to National Heart Institute, it became the National Heart and Lung Institute in 1969 and the National Heart, Lung, and Blood Institute in 1976.

	Organization	**Acronym**	**Description**
136	National Institute on Drug Abuse	NIDA	The National Institute on Drug Abuse is a part of the NIH and funds research projects such as the Monitoring the Future (MTF) project (an annual nationwide survey of 8th, 10th, and 12th grade students (total annual sample approximately 50,000 students) administered by the University of Michigan Research Center; the survey is used "to study changes in the beliefs, attitudes, and behavior of young people in the United States").
137	National Institutes of Health	NIH	The National Institutes of Health is a part of the U.S. Department of Health and Human Services (HHS), and is the primary federal agency for conducting and supporting medical research.
138	National Manufacturing Associations	NMAs	Term referring to tobacco affiliated companies worldwide that were similar to the Tobacco Institute. NMAs were used by the industry to communicate its position regarding smoking and health issues, including ETS.
139	Needham, Harper & Steers		Advertising agency retained by Liggett.
140	Nowland Organization		A marketing research firm employed by Lorillard.
141	Oak Ridge National Laboratory	ORNL	A multiprogram science and technology laboratory managed for the U.S. Department of Energy by UT-Battelle, LLC. Scientists and engineers at ORNL conduct basic and applied research and development. ORNL Scientists Michael Guerin and Roger Jenkins received CTR funds to conduct research into the Methodology for Quantitating Exposure to Inhalable Ambient Tobacco Smoke. Dr. Jenkins received funds from CIAR to conduct the 16-Cities Study; he worked closely with R. J. Reynolds when collecting and analyzing data for his work, which was identified by defendants specifically for their effort to undermine the impact of the 1998 IARC Report on the health effects of exposure to secondhand smoke.

	Organization	**Acronym**	**Description**
142	Occupational Safety & Health Administration, US Department of Labor	OSHA, DOL	U.S. Government Agency.
143	Ogilvy & Mather		Ogilvy and Mather is an advertising agency located in New York that has created campaigns for R. J. Reynolds.
144	Opinion Research Corporation		Opinion research firm that performed proprietary research for Philip Morris.
145	Philip Morris Companies Inc.		Defendant Philip Morris Companies Inc. ("Philip Morris Companies") is a Virginia corporation with its principal place of business in New York, New York, and is the parent company of Philip Morris Inc. ("Philip Morris"). Since 1985, Philip Morris Companies and its subsidiaries have established offices and plants in at least twenty-nine locations in seventeen states in the US, and twenty-five locations internationally. Philip Morris Companies Inc. changed its name in January 2003 to Altria Group, Inc. Altria asserts direct control over its tobacco subsidiaries.
146	Philip Morris External Research Program	PMERP (or "ERP")	Created after the dissolution of CIAR, PMERP essentially reincarnated CIAR: the program operates out of the very same CIAR suite in Linthicum, Maryland, uses the CIAR phone numbers, employs former CIAR Executive Director Max Eisenberg to run the day to day operations (through a newly-created entity called Research Management Group LLC), funds the same types of research, uses a Scientific Advisory Board with members of the former CIAR SAB, and vests final approval authority of all research with the SAB.
147	Philip Morris International	PMI	PM International is a subsidiary of Philip Morris Companies Inc. Sister corporation to Philip Morris USA, Inc.

	Organization	Acronym	Description
148	Philip Morris Management Corporation	PMMC	Created in 1988 as a sister subsidiary to Philip Morris Incorporated. PMMC operates a document storage facility in Carlstadt, New Jersey. In addition to storing documents of Philip Morris Incorporated, this facility stores documents of Philip Morris International, Inc.
149	Philip Morris USA Inc.	PM	Defendant Philip Morris USA Inc. was formerly incorporated as Philip Morris Incorporated ("Philip Morris"), before changing its name in January 2003. Philip Morris is a Virginia corporation with its principal place of business in Richmond, Virginia. Since 1953, Philip Morris and its predecessors have had offices and plants inNew York, New York; Richmond, Virginia; and Louisville, Kentucky. Current offices and facilities currently include headquarters and manufacturing, processing and support facilities in the Richmond, Virginia area; a manufacturing facility in Cabarrus County, North Carolina; a materials conversion plant in Louisville; sales offices throughout the United States; and an office in the Commonwealth of Puerto Rico.
150	Philip Morris's Electrophysiological Studies Research Group		Philip Morris research entity which explored and measured the brain effects of nicotine.
151	Phillip Morris Inc.	PM	U.S. subsidiary of Philip Morris Companies Inc. Philip Morris Inc. changed its name in January 2003 to Philip Morris USA Inc. ("Philip Morris").
152	Public Smoking Advisory Group		Predecessor to the ETS Advisory Group.
153	R.J. Reynolds Tobacco Company	RJR	Defendant. R.J. Reynolds Tobacco Company ("R.J. Reynolds") is a New Jersey corporation with its principal place of business in Winston-Salem, North Carolina. Since 1953, R.J. Reynolds and its affiliates have had offices and plants in at least thirty locations nationally in nineteen different states, and forty-five locations internationally.

	Organization	**Acronym**	**Description**
154	R.J.R. Nabisco Holdings Corporation		Predecessor to RJR Tobacco Holdings, parent of RJ Reynolds Tobacco.
155	R.J.R. Tobacco GmbH		RJ Reynolds German subsidiary.
156	Reemtsma Cigaretten Fabriken GmbH	Reemtsma	A privately-owned German cigarette group . One of the biggest international tobacco marketers and a former member of ICOSI/INFOTAB, Reemtsma Cigaretten Fabriken GmbH ("Reemtsma") was acquired by Imperial Tobacco in 2002.
157	Research Liaison Committee	RLC	The Research Liaison Committee (RLC) was established in 1974 to review defendants' support of medical research and to make recommendations as to the future course that support should take. The RLC was comprised of members of the Industry Research Review Committee, as appointed by Executive Committee of CTR. Members of the RLC included:

	Organization	Acronym	Description
			William W. Bates, Jr Board of Directors, Liggett (1964-1975); Director of Research, Liggett (1964-1975); William U. Gardner Scientific Advisory Board, Council for Tobacco Research (1971-1985); Scientific Director, Council for Tobacco Research (1973-1981); Cliff H. Goldsmith (Arnold & Porter); Dave Hardy, SH&B; Cyril F. Hetsko Scientific Advisory Board Member, Council for Tobacco Research; American Tobacco Vice President and General Counsel (1974-77); Council for Tobacco Research Board of Directors (1974-77); Ivor W. Hughes Executive Committee, Brown & Williamson (1975-1980); Vice President Research & Development, Brown & Williamson (1973-1976); Curtis Judge Tobacco Institute Executive Committee, Lorillard (1973-1985); Board of Directors, Loews (1970-1985); William Kloepfer Communications Committee Member, Tobacco Institute (1970-1987); Senior Vice President Public Relations, Tobacco Institute (1967-1984); Horace Kornegay President, Tobacco Institute (1970-1978, 1980);

	Organization	Acronym	Description
			Henry Roemer Chairman, Committee of Counsel, Tobacco Institute (1974); Counsel, R. J. Reynolds (1958-1986); and Leonard Zahn Leonard Zahn & Associates, Inc., Public Relations for Counsel for Tobacco Research.
158	Research Management Group LLC		Max Eisenburg's, (former director of CIAR), company that operates Philip Morris's External Research Program.
159	Reynolds American, Inc.		Reynolds American, Inc. formed as a result of a merger between RJR Tobacco Company and B&W in August, 2004. The new company will have four operating companies: R.J. Reynolds Tobacco Company, Lane Limited, Santa Fe Natural Tobacco Company, and R.J. Reynolds Global Products, Inc. Through B&W, BAT will own about 42 percent of Reynolds American Inc. stock.
160	Robert Brian Associates		The first sales promotion agency in the United States, Robert Brian Associates created package designs for Lorillard.
161	Rogers & Cowan		Entertainment public relations firm hired by R. J. Reynolds to ensure that Reynolds products were displayed "in a prominent way" in movies, in celebrities' public appearances, on television, and in other arenas.
162	Roper Organization		The Roper Organization, originally known as Elmo Roper and Associates, is a professional polling organization that conducted a yearly survey for the defendants on public attitiutes and advised them in 1978 that the health effects of exposure to secondhand smoke was the most dangerous threat to the continued viability of the tobacco industry.
163	Rothmans International		Rothmans International, Limited, is a UK tobacco company acquired by the BAT Group in 1999.

	Organization	**Acronym**	**Description**
164	Royal College of Physicians		Established in 1518, the Royal College of Physicians is a London-based professional membership organisation representing the concerns of almost 20,000 Members and Fellows worldwide that seeks to promote the highest standards of medical practice in order to improve health and healthcare. In 1962, the Royal College published a thorough and far-reaching assessment of the scientific evidence demonstrating that smoking is a cause of disease. After two years of investigation, the assessment stated that "[d]iseases associated with smoking now cause so many deaths that they present one of the most challenging opportunities for preventive medicine today."
165	Santa Fe Tobacco		R.J. Reynolds Tobacco Holdings bought Santa Fe Natural Tobacco Company in January 2002. Santa Fe Natural will be a subsidiary of Reynolds American, a new company created from the August 2004 merger of R.J. Reynolds and Brown & Williamson.
166	Scientific Advisory Board ("SAB") of CIAR	SAB (CIAR)	A CIAR Science Advisory Board ("SAB") was created upon the CIAR's establishment. The CIAR SAB consisted of a number of scientists from varying fields, and was "assembled to assist in the formation and review of the research program."

	Organization	Acronym	Description
167	Scientific Advisory Board ("SAB") of CTR	SAB (CTR)	The Scientific Advisory Board (SAB) was first established in 1954 as part of the Tobacco Industry Research Council (TIRC) (see related description of TIRC herein). The TIRC SAB continued to function in the same manner after TIRC changed its name to the Council for Tobacco Research (CTR) in 1964. In fact, the SAB met regularly from 1954 until at least 1997 to review, approve, and renew grant applications and contracts. In addition to SAB members, the Chairman of the Industry Technical Committee, members of CTR/TIRC staff, CTR/TIRC's public relations counsel, and (at times) Defendants' attorneys and scientific guests attended the SAB meetings. Contrary to Defendants' assertions that the members of the SAB were disinterested parties who received no monetary compensation from the tobacco companies or from TIRC/CTR, members of the SAB awarded themselves over $5 million in grants-in-aid funding between 1954 and 1991.
168	Scientific Advisory Board ("SAB") of TIRC	SAB (TIRC)	The Scientific Advisory Board (SAB) was first established in 1954 as part of the Tobacco Industry Research Council (TIRC) (see related description of TIRC herein). The TIRC SAB continued to function in the same manner after TIRC changed its name to the Council for Tobacco Research (CTR) in 1964. In fact, the SAB met regularly from 1954 until at least 1997 to review, approve, and renew grant applications and contracts. In addition to SAB members, the Chairman of the Industry Technical Committee, members of CTR/TIRC staff, CTR/TIRC's public relations counsel, and (at times) Defendants' attorneys and scientific guests attended the SAB meetings. Contrary to Defendants' assertions that the members of the SAB were disinterested parties who received no monetary compensation from the tobacco companies or from TIRC/CTR, members of the SAB awarded themselves over $5 million in grants-in-aid funding between 1954 and 1991.

	Organization	**Acronym**	**Description**
169	Scientific Research Review Committee	SRRC	To better coordinate its tobacco research, in 1997 Philip Morris Companies Inc. established the Scientific Research and Review Committee ("SRRC"). The members of SRRC were appointed by Philip Morris Companies Inc. to include its Vice President and Associate General Counsel. The SRRC ensured that no tobacco research can be funded or conducted without prior approval of Philip Morris Companies Inc.
170	Shook, Hardy & Bacon		Counsel, at various times, for Lorillard, Philip Morris, Brown & Williamson, BATCo, and INFOTAB. The firm was previously known as Sebree, Shook, Hardy & Ottman and Shook, Hardy, Ottman, Mitchell & Bacon.
171	Simmons Market Research Bureau		Independent organization that conducts consumer research, including information on magazine readership demographics.
172	Simpson, Thatcher & Bartlett		Counsel for B.A.T Industries p.l.c.
173	Social Acceptability Working Party	SAWP	A subcommittee of ICOSI, the social acceptability working party monitored health groups and developed countermeasures to fight their efforts.
174	Social Research, Inc.		Social Research, Inc. is a consumer research firm that conducted studies for R. J. Reynolds.
175	Social Security Administration	SSA	The Social Security Administration administers the social security program. Annual reports of the SSA trustees summarize the current and projected financial status of the program through 2080. The SSA publishes estimates of historic and future U.S. death rates.

	Organization	**Acronym**	**Description**
176	Societe Nationale d'Exploitation Industrielle des Tabacs et Allumettes	SEITA	Founded in 1926 as an organization responsible for reimbursing public debt, including a service to manage the French tobacco monopoly called the Service d'Exploitation Industrielle des Tabacs (SEIT), in 1935 SEIT became SEITA when it was given responsibility for managing production of matches (Allumettes). SEITA began distributing tobacco in 1961 and was incorporated in 1980, the capital of which was partially divested by the French State. It was privatized in 1995 and subsequently merged with Spanish tobacco company, Tabacalera, creating ALTADIS.
177	Southampton Research and Development Centre		BAT Group research center in Southampton, England.
178	Souza Crus		BATCo Affilliate (Brazil). Contributes to the Research & Development Centre.
179	Sparber and Associates		Sparber and Associates was founded by Peter Sparber, the former Vice President of Public Relations for the Tobacco Institute. The group was funded by Tobacco Institute, and joined the Business Council on Indoor Air (BCIA). Sparber and his associates were acting on behalf of TI and TI controlled Sparber's actions on the BCIA.
180	Stanford Research Institute	SRI	Legal consultant to Philip Morris.
181	Star Tobacco, Inc.	Star	Independent tobacco company that holds a patented process for creating low-TSNA bright tobacco. Star entered into an agreement in 1999 to develop a product using the process for Brown & Williamson.

	Organization	**Acronym**	**Description**
182	Surgeon General's Advisory Committee on Smoking and Health		Surgeon General Lurther Terry appointed an Advisory Committee on Smoking and Health shortly after the release of the Royal College of Physicians' 1962 report, to produce a similar report for this country. Smoking and Health: Report of the Advisory Committee to the Surgeon General of the United States, released on January 11, 1964, concluded that lung cancer and chronic bronchitis are causally related to cigarette smoking. The report also noted that there was suggestive evidence, if not definite proof, for a causative role of smoking in other illnesses such as emphysema, cardiovascular disease, and various types of cancer. The committee concluded that cigarette smoking was a health hazard of sufficient importance to warrant appropriate remedial action.
183	Tatham-Laird & Kudner, Inc.		Advertising agency retained by R. J. Reynolds.
184	The Association for Sound Science Coalition	TASSC	TASSC was an organization funded by Philip Morris through APCO Associates through which Philip Morris sought to influence the media with presentations by a coalition of scientists on issues realted to smoking and health, without disclosing Philip Morris's role in the organization.
185	The Executive Committee		Also known as the Tobacco Institute Executive Committee, The Executive Committee was a committee of the Tobacco Institute (TI) comprised of two representatives from each of the cigarette manufacturer member companies of TI with a rotating chairmanship. The Executive Committee rendered the final decision on all TI matters including all TI public statements and advertisements and met frequently to keep appraised of all TI issues and concerns.

	Organization	**Acronym**	**Description**
186	Tiderock Corporation		The Tiderock Corporation was a public relations firm owned and operated by Rosser Reeves that came into existence in the late 1960's. Brown & Williamson and subsequently the Tobacco Institute (TI) were clients of the Tiderock Corporation. Tiderock produced a series of advertisements related to smoking and health issues as well as a draft of the "white paper" on the smoking and health controversy. TI also specifically employed Tiderock to publicize and disseminate an article in True magazine disputing the health hazards of smoking.
187	TNS Media Intelligence/CMR	CMR	TNS Media Intelligence/CMR (hereafter CMR) is the leading provider of marketing communication and advertising expenditure information to advertising agencies, advertisers, broadcasters and publishers. It measures advertising expenditures by national or regional advertisers in approximately 700 magazines. CMR identifies defendants' expenditures in magazines from January 1993 to May 2003.
188	Tobacco Action Network	TAN	Organization created by the tobacco industry to galvanize "grass roots" political action from among those who work in some capacity for the tobacco industry: growers, manufacturers, retailers of cigarettes, etc.
189	Tobacco Advisory Council	TAC	British consortium of tobacco manufacturers that functioned, in some ways, in a similar fashion to the Council for Tobacco Research.
190	Tobacco Documentation Centre	TDC	TDC was created in 1992 to act as a successor organization to INFOTAB.

	Organization	**Acronym**	**Description**
191	Tobacco Industry Research Committee	TIRC	A non-profit corporation organized under the laws of New York state, TIRC was established in 1954. The genesis of TIRC lies in a meeting held on December 28, 1953 at the Plaza Hotel in New York, and attended by executives from American Tobacco, R.J. Reynolds, Lorillard, Brown & Williamson, and Philip Morris, and representatives of the public relations firm Hill & Knowlton. TIRC was created to counter the impressive body of scientific evidence showing smoking to be a cause of lung cancer, and in particular to act as the foundation for a public relations strategy to protect defendants' cigarette sales. Following H&K's advice, the formation and purpose of TIRC was announced on January 4, 1954, in a full-page advertisement called "A Frank Statement to Cigarette Smokers" published in 448 newspapers throughout the United States. The Frank Statement set forth the industry's "open question" position that it would maintain for more than forty years: that cigarette smoking was not a proven cause of lung cancer; that cigarettes were not injurious to health; and that more research on smoking and health issues was needed. In the Frank Statement, the participating companies accepted "an interest in people's health as a basic responsibility, paramount to every other consideration in our business" and pledged "aid and assistance to the research effort into all phases of tobacco use and health." The companies promised that they would fulfill the obligations they had undertaken in the Frank Statement by funding independent research through TIRC, free from any industry influence. In 1964, TIRC changed its name to the Council for Tobacco Research-U.S.A. ("CTR).

	Organization	Acronym	Description
192	Tobacco Institute	TI	Defendant. The Tobacco Institute (TI) was formed as a nonprofit corporation in 1958. The companies forming TI included Defendants American, Brown & Williamson, Liggett, Lorillard, Philip Morris, and R.J. Reynolds. Although the membership fluctuated during TI's existence, all Defendants (except BATCo, CTR and the Tobacco Institute itself) created, agreed to fund, and/or did jointly fund the Tobacco Institute. TI was created to assume many of the public relations functions of TIRC/CTR. These functions primarily included: publicly promoting awareness of its members' position that there were scientific and medical doubts concerning the relationship between smoking and disease and publicly disputing statements from health organizations about smoking and disease, and later about second hand smoke and disease. Led by attorney-based committees (the Committee of Counsel) and Covington and Burling (TI Counsel), TI was the tobacco lobbying and public relations outlet for its member companies.
193	Tobacco Institute College of Tobacco Knowledge (also known as Tobacco College of Knowledge, College of Knowledge, Tobacco Institute College of Knowledge)		The Tobacco Institute College of Tobacco Knowledge was a training course administered by the Tobacco Institute beginning in 1975 that provided information on major tobacco related issues, including the history of tobacco, the economics of tobacco, and official tobacco industry positions on various issues, including those related to public health concerns. These briefings on major tobacco issues given by the Tobacco Institute via the Tobacco College of Knowledge were provided to new employees to the industry and industry employees whose responsibilities included public affairs, public relations, government relations and lobbying.

	Organization	Acronym	Description
194	Tobacco Institute Communications Committee		The Tobacco Institute Communications Committee reviewed and approved Tobacco Institute (TI) advertisements, media plans, and public relations campaigns carried out by the TI on behalf of its members. Each TI member company designated its public relations officers and employees to attend meetings of the Communication Committee and to inform their respective companies about the Committee's activities. The Committee was also comprised of the TI's legal counsel. The Committee met frequently to render decisions related to the Tobacco Institute's public relations strategy. The priority issues facing the Committee during the 1980's included Youth Smoking, Environmental Smoke, Smoking in the Workplace and Taxation.

	Organization	Acronym	Description
195	Tobacco Institute Testing Laboratory	TITL	In 1966, following FTC's announcement of the establishment of its cigarette testing laboratory, the tobacco industry decided to establish its own laboratory, which would be a separate division of the Tobacco Institute. The Tobacco Institute Testing Laboratory (TITL) was established so that Defendants could conduct tests to determine the accuracy and reliability of the FTC laboratory's tests. The TITL was also used by the tobacco industry for testing human smoking patterns and measurement of smoke withdrawn from the cigarette by the smoker. TITL operations were supervised by a committee consisting of one scientifically qualified representative from each company that participated in funding the laboratory. TITL initially employed three laboratory technicians and operations were under the day-to-day supervision of Laboratory Director William Steele. Later, the scope of TITL was broadened to include a contract research program on human smoking patterns and measurement of smoke withdrawn from the end of the cigarette by the smoker. By the 1990s, there was an agreement with the FTC that each company had to use tar, nicotine and carbon monoxide values obtained by TITL in their advertisements. Finally, pursuant to the 1998 Master Settlement Agreement, it was agreed that the Tobacco Institute would be dissolved, but TITL was permitted to continue in operation. The laboratory, however, was renamed Tobacco Industry Testing Laboratory and was incorporated on February 2, 1999. The Tobacco Industry Testing Laboratory continues to do product testing for the industry.
196	Tobacco Manufacturers' Association	TMA	Formerly the Tobacco Advisory Council (TAC), its name changed in 1994 because "the name TAC did not clearly reflect the change of focus in its role to that of a trade association for the UK companies."

	Organization	**Acronym**	**Description**
197	Tobacco Manufacturers' Standing Committee	TMSC	Formed in June, 1956 by BATCo and other United Kingdom tobacco manufacturers, giving "formal status to the co-operation in research of the group of manufacturers who in 1954 made a donation of £250,000 to the Medical Research Council for investigation into the causes of lung cancer." Its stated purpose was "to assist research into questions concerned with the relationship between smoking and health, to keep in touch with scientists and others working on this subject in the United Kingdom and abroad, and to make information available to scientific workers and the public." Geoffrey F. Todd of BATCo was appointed Director of TMSC. Alan Campbell-Johnson, Hill & Knowlton's London associate, was appointed public relations consultant to the TMSC. TMSC was patterned after the TIRC.
198	Tobacco Research Council	TRC	Successor to TMSC, changed its name in 1963 to Tobacco Research Council.
199	Tobacco Working Group	TWG	Initially known as the Less Hazardous Cigarette Subcommittee of the Lung Cancer Task Force, a part of the National Cancer Institute ("NCI"), the TWG was appointed in March 1968 and existed for approximately ten years.
200	Truth Squad		A group of scientific witnesses organized and funded by the Tobacco Institute who made media appearances and provided legislative testimony on ETS exposure issues throughout the United States.
201	UK House of Commons Health Committee		Committee appointed by the House of Commons to examine the expenditure, administration and policy of the Department of Health and its associated bodies. The committee conducted extensive hearings concerning the tobacco industry and the health risks of smoking in 1999-2000.