



Indian Point Independent Safety Evaluation Panel Biographies

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James T. Rhodes, Co-Chair

Dr. James T. Rhodes serves as co-chair of the Indian Point Independent Safety Evaluation Panel. He is a trained nuclear engineer and respected utility executive with more than 40 years of experience in the energy industry.

He currently serves on the board of directors of Duke Energy Corporation, one of the nation's largest nuclear utilities, where he is chairman of the Nuclear Oversight Committee. Rhodes also serves on the Electric Power Research Institute's Advisory Council. He has served on the boards of the Institute of Nuclear Power Operations (INPO), the organization that promotes excellence in the operation of nuclear power facilities, as well as the Nuclear Energy Institute, Virginia Electric & Power Company, Dominion Resources Inc., Edison Electric Institute, Southeastern Electric Exchange, Virginia Manufacturers Association, NationsBank N.A., Richmond Renaissance and Greater Richmond Partnership.

Rhodes served as president and chief executive officer of Virginia Electric & Power Company in Richmond, Virginia, from 1989 to 1997. He served as chairman, president and chief executive officer of INPO from 1998 to 2001. Rhodes began his career as a project engineer in the U.S. Army nuclear power program and was employed by Martin Marietta's nuclear division.

Rhodes earned a Bachelor of Science in physics from North Carolina State University, a Master of Science in nuclear engineering from Catholic University and a Ph.D. in nuclear engineering from Purdue University, where he was an Atomic Energy Commission Fellow.



Neil E. Todreas, Co-Chair

Dr. Neil E. Todreas, co-chair of the Indian Point Independent Safety Evaluation Panel, has spent nearly 40 years as a member of the nuclear engineering faculty at the Massachusetts Institute of Technology, one of the world's leading engineering institutions. He is a renowned expert in thermal and hydraulic aspects of nuclear reactor engineering and safety analysis.

Todreas is currently the Korea Electric Power Corporation professor of nuclear engineering and professor emeritus of mechanical engineering at MIT. From 1981 to 1989, he headed the MIT Nuclear Engineering Department. Since 1975, Todreas has been co-director of the MIT Nuclear Power Reactor Safety summer course, which presents current issues of reactor safety significant to an international group of over 30 nuclear engineers each summer in a single week course. Todreas began his professional career with nine years of service with the U.S. Atomic Energy Commission, the first four as a naval officer in the headquarters of the naval nuclear power organization.

Todreas has served on the nuclear energy advisory committees of the U.S. Department of Energy, the U.S. Nuclear Regulatory Commission, several DOE national laboratories including Idaho National Lab, Los Alamos National Lab, Argonne National Lab and Brookhaven National Lab, as well as on utility industry review committees and international scientific review groups. He is a member of the National Academy of Engineering and has served on several of their National Research Council study panels.

Todreas holds bachelor's and master's degrees in mechanical engineering from Cornell University and a doctorate in nuclear engineering from MIT. He is the author of three books on nuclear reactor energy extraction and safety features.



William Kane, Nuclear Safety

William Kane, a private consultant, heads the Nuclear Safety effort of the Indian Point Independent Safety Evaluation Panel. Kane brings more than three decades of nuclear safety engineering and regulatory experience to the task.

Kane retired from the Nuclear Regulatory Commission in November 2007, after 34 years of government service. He had most recently served as deputy executive director for reactor and preparedness programs. In that capacity, he oversaw the Office of Nuclear Reactor Regulation, the NRC's four regional offices, the Office of New Reactors and the Office of Nuclear Security and Incident Response.

From March 2001 to June 2003, Kane was the NRC's deputy executive director for reactor programs, responsible for licensing, inspection and incident response for safety, security and emergency preparedness for all reactor programs. From September 1999 to March 2001, he was director of nuclear materials safety and safeguards, in charge of licensing, inspecting and performing environmental reviews of all materials and waste activities regulated by the NRC.

Kane began his long career with the NRC as a project manager. Over the years he served in several other capacities, including associate director of inspections and programs for the Office of Nuclear Reactor Regulation, director of the Spent Fuel Project Office, deputy regional administrator of Region I in King of Prussia, Pennsylvania, and director and deputy director of the Division of Reactor Projects in Region I.

Kane is a registered Professional Engineer and a member of the American Nuclear Society and the Cal Beta Pi Association. He earned a Bachelor of Science in mechanical engineering in 1961 from Widener University in Chester, Pennsylvania, and completed graduate work in nuclear engineering at Catholic University in Washington, D.C.



T. Gary Broughton, Nuclear Safety

T. Gary Broughton's nuclear power experience ranges from serving in the U.S. Navy's nuclear submarine force to investigating the accident at Three Mile Island (TMI).

He is former president and chief executive officer of the nuclear subsidiary of General Public Utilities Corporation, GPU Nuclear, where he oversaw operations of all nuclear facilities in the GPU system, including Oyster Creek Nuclear Generating Station and TMI.

Broughton served for eight years at TMI as plant manager and vice president, with direct contact with neighboring communities through a Citizens' Advisory Panel.

Broughton was a member of the GPU team that investigated the TMI-2 accident, and he served as secretary to a team of experts from outside the nuclear industry to identify best practices for training, procedures and human factors engineering. Broughton was involved in making changes in these areas at TMI Unit 1 prior to returning that unit to operation, and later at Oyster Creek.

Before joining GPU in 1976, he served for 10 years in the U.S. Navy's nuclear power program.

Broughton currently volunteers as an income tax preparer in the AARP Tax-Aide program and coordinates electronic filing activities for the state of New Jersey.

Broughton earned a bachelor's degree in mathematics from Dartmouth College.



Elmer J. “Buzz” Galbraith, Nuclear Safety

Elmer J. “Buzz” Galbraith has extensive experience in evaluating nuclear energy organizations and providing critical feedback that improves performance. He has a successful track record on improving problem areas and starting new organizations.

From 1996 to 2007, Galbraith served as senior assistance representative and team manager at the Institute of Nuclear Power Operations. As team manager, he oversaw plant evaluation teams that conducted evaluations at nuclear power stations.

Galbraith is also a 20-year veteran of the U.S. Navy. From 1961 to 1981, he served primarily on nuclear submarines, attaining the rank of commander and serving as commanding officer of the USS Ray (SSN-653), a nuclear attack submarine.

He coordinated the development of a comprehensive completion plan for a single unit boiling-water reactor, which contributed to a highly successful start-up. He also managed organizations at two different nuclear power stations which achieved significant performance improvement in all areas.

A 1961 graduate of the U.S. Naval Academy, with a Bachelor of Science in engineering, Galbraith also completed the Senior Reactor Operator Equivalency Training Program conducted by Westinghouse Electric Corporation on the standard nuclear unit power plant system pressurized-water reactor.



Clayton “Scotty” Hinnant, Nuclear Safety

Clayton “Scotty” Hinnant has nearly four decades of experience in managing nuclear power plants. He recently retired from Progress Energy as senior vice president of nuclear generation and chief nuclear officer, after 35 years of service. In that role, he oversaw all aspects of the company’s four nuclear generating plants, as well as security, and nuclear engineering and services.

In 1972, Hinnant joined Progress at the Brunswick Nuclear Plant near Southport, North Carolina, where he held several positions in the startup testing and operating organizations. He left Progress Energy in 1976 to work for Babcock and Wilcox in the Commercial Nuclear Power Division, returning to Progress Energy in 1977. Since that time, he served in various management positions at three of Progress’ nuclear plant sites.

Hinnant has experience in nuclear power plant design, construction engineering, operation and management of both pressurized-water and boiling-water reactors. Before joining Progress, Hinnant worked for Newport News Shipbuilding as an electrical design engineer on naval nuclear reactors.

Hinnant is an electrical engineering graduate of North Carolina State University, with post-graduate credits in business administration from Christopher Newport College and the College of William and Mary. He also attended the Progress Energy Management Institute at the University of North Carolina at Chapel Hill School of Business, and the Executive Business Management Program at the University of Michigan School of Business.



Cristine McCombs, Emergency Preparedness

Cristine McCombs brings a depth of experience in managing emergency preparations to her role as leader of the Emergency Preparedness team for the Indian Point Independent Safety Evaluation Panel. In January 2004, she was appointed Director of the Massachusetts Emergency Management Agency (MEMA) by Governor Mitt Romney, becoming the first woman in the history of the Commonwealth to head this particular agency. During McCombs' tenure, Massachusetts became only the eighth state to receive full accreditation from the Emergency Management Accreditation Program and one of only 10 states to achieve the highest grade level from the U.S. Department of Homeland Security's Nationwide Plan Review. As director, McCombs oversaw the emergency planning in the emergency planning zone communities surrounding three nuclear power plants near cities and towns in Massachusetts.

Beginning with the impact of Hurricane Bob in 1991, McCombs provided federal and state disaster assistance in her role as MEMA's Disaster Recovery Manager. She has served as the state coordinating officer for 12 presidential disasters and seven state declared disasters. She has also been directly responsible for all aspects of fiscal monitoring of federal and state disaster grants, including Housing and Urban Development, Federal Emergency Management Agency and Hazard Mitigation Grants. Additionally, McCombs developed the inter-agency strategy for administration of the Commonwealth's mitigation programs with the Department of Conservation and Recreation.

McCombs' responsibilities with MEMA included: leading the MEMA Team, composed of federal, state, and local, public, private and volunteer agencies and organizations; serving as chairperson for the State Emergency Response Commission; and acting as Region I vice president for the National Emergency Management Association (NEMA), chairperson for the Northeast States Emergency Consortium and chairperson for the NEMA Legislative Committee.

In 2006, she was selected as one of the 40 emerging state leaders from across the nation to participate in the prestigious Henry Toll Fellowship Program, sponsored by the Council of State Governments. She was also the recipient of the Clara Barton Humanitarian Award from the American Red Cross for her work with Hurricane Katrina evacuees.

McCombs received an associate's degree in general studies from Mount Ida College.



Martin Vonk, Emergency Preparedness

Martin Vonk specializes in emergency preparedness support services, guided by his 13 years of experience in the U.S. Navy and nuclear power utility sector. He currently provides consultant services to a variety of nuclear utilities.

From February 2003 to July 2007, Vonk was a senior emergency preparedness specialist for the Nuclear Management Company, responsible for oversight of nuclear power plant emergency preparedness programs at six utility sites. From March 2003 to December 2003, Vonk was the emergency preparedness contractor for the Institute of Nuclear Power Operations, responsible for the pilot program for oversight of industry preparedness operations.

From 1995 to 2002, Vonk was emergency preparedness manager at Commonwealth Edison/Exelon Nuclear, where he held corporate management responsibility for radiological emergency preparedness for the multi-site nuclear power utility. He interfaced with utility, county, state, federal and industry representatives for the emergency preparedness program and managed integration of radiological emergency preparedness programs through the merger of Commonwealth Edison, Philadelphia Electric Company and AmerGen sites.

He has previously held a Senior Reactor Operators License issued by the NRC.

Vonk began his career as a submarine officer in the U.S. Navy, serving from 1974 to 1979. After that, Vonk served as generic issues licensing administrator and senior environmental health physicist at Commonwealth Edison.

Vonk received a Bachelor of Science from Michigan Technological University and a Master of Business Administration from Governor's State University in Park Forest, Illinois.



Harvey Stevens, Security

Harvey Stevens brings over 25 years of professional experience as a program manager, physical security specialist, security engineer, and law enforcement/public safety telecommunications specialist to his role as leader of the Security evaluation effort for the Indian Point Independent Safety Evaluation Panel. He has an extensive technical background in security engineering and possesses international experience in vulnerability and risk analyses, threat assessments, expert witness work, special operations/low intensity conflict, counter-terrorism, counter-drug/counter-narcotics, biological/chemical warfare mitigation, and emergency action and evacuation planning.

Stevens is currently president of Stevens Associates Inc., a technology firm that specializes in technical and engineering support to government and industry. He is a director of APEX Security Consultants, based in the United Arab Emirates, and he currently provides consulting services in Dubai for privately owned islands, palaces and some of the tallest buildings in the world.

Previously, Stevens served as the physical security consultant for 29 Port Authority of New York and New Jersey facilities and managed the acquisition of some of the most modern and complicated security installations available. As a lead technical practitioner he was responsible for providing specialized technical support to public safety enforcement programs in the areas of tactical communications, information security, and command and control. This support included the conduct of feasibility studies and analyses, assessment of applicable technologies, conduct of threat and vulnerability assessments, and analyses and general programmatic support of law enforcement and public safety initiatives.

More specifically, Stevens managed, conducted and prepared facility vulnerability studies to identify areas of vulnerability to sabotage and terrorist attacks. He reviewed construction designs and plans for new facilities, and modifications to existing facilities, ensuring that adequate security defenses and counter-measures were included.

Stevens was certified as a Protection Professional in 1985 and has maintained that certification. He served as a member of the American Society for Industrial Security Standing Council for Physical Security from 1993 to 2006, and has been a member of the Education Subcommittee since 2007. Stevens is a Protection Partners International Alliance Member and a member of the International Association for Counter Terrorism & Security Professionals.

He graduated from Adelphi University with a Bachelor of Science in communications science/management and received a Ph.D. from Pacific University.



Kenneth Brockman, Security

Kenneth Brockman has 29 years of experience in nuclear power security and safety and emergency response. He is an independent consultant, President of MEM, LLC and a Senior Nuclear Safety Consultant at Talisman International, LLC. Brockman also recently completed a tour in a senior diplomatic position as the director of the Division of Nuclear Installation Safety for the International Atomic Energy Agency (IAEA) in Vienna, Austria. In this capacity, he was responsible for the development of international standards for safety and security that are being applied at nuclear reactor and fuel cycle installations throughout the world.

From 1995 to 2002, Brockman was the director of the Division of Reactor Projects, Region IV for the Nuclear Regulatory Commission (NRC), where he managed the inspection and assessment program related to safety and security for the 21 commercial nuclear power reactors in the western United States.

From 1993 to 1995, as the senior executive manager for the NRC's emergency response organization, Brockman coordinated the NRC's response program for nuclear emergencies with those of the rest of the federal government and managed the operations center that serves as the 24 hour-per-day communications link between the NRC and its licensees. During this time, he oversaw the construction of, and subsequent move into, the new operations center in Rockville, Maryland. Brockman joined the NRC in 1984 as a license examiner in the agency's Atlanta region. He subsequently served in the NRC headquarters as a senior regional coordinator on the staff of the executive director for operations and as a technical assistant for NRC Chairman Ivan Selin.

He has been recognized in many capacities, most notably by the president of the United States with the Meritorious Rank Award, and as a member of the IAEA when it was awarded the 2005 Nobel Peace Prize.

Brockman holds a Bachelor of Science in general engineering from the U.S. Military Academy. He also completed post-graduate studies in nuclear engineering with the Bettis Atomic Power Laboratories and holds a master's degree in public administration from The American University.



John S. Dyson, Public Policy

John S. Dyson brings 21 years of public policy experience and six years of nuclear operations experience to the Indian Point Independent Safety Evaluation Panel. He currently serves as the chairman of Millbrook Capital Management and is the founder and chairman of MMI Investments, a hedge fund focused on small capitalization value-based equity investment.

Dyson served part-time in the Giuliani administration from 1996 to 2002 as chairman of the Mayor's Council of Economic Advisors. In this role, Dyson worked on economic issues affecting the city following the September 11th terrorist attacks on the World Trade Center.

In 1994, Dyson was appointed as deputy mayor of New York City by Mayor Giuliani. As deputy mayor, Dyson was in charge of economic development and finance for the city. He served as deputy mayor until 1996, when he returned to private life.

In 1979, Governor Hugh Carey appointed Dyson Chairman of the New York Power Authority, which runs a series of power plants throughout New York State. Dyson was retained as NYPA chairman by Governor Mario Cuomo and served at NYPA until 1985. Under his leadership, NYPA made significant investments and operating improvements in Indian Point Unit 3. Dyson served in New York state government for a decade, including four years in the cabinet of Governor Carey. In April 1975, Governor Carey appointed Dyson as Commissioner of Agriculture and Markets. In December 1975, Dyson was appointed to serve as Commissioner of Commerce, which put him in charge of economic development and tourism.

From 1975 to 2001, Dyson was an appointee of the Governor of New York on the Board of Trustees of Cornell University.

Dyson is an alumnus of Cornell University and holds a master's degree in public affairs from the Woodrow Wilson School of Public and International Affairs at Princeton University.



Maureen Helmer, Public Policy

Maureen Helmer spent more than 25 years in New York State government in various positions involving energy policy. She is currently a member of Green & Seifter Attorneys, PLLC, practicing in the areas of energy and telecommunications law, corporate and professional ethics, business regulation and the New York legislature.

Helmer is the former chair of the New York State Public Service Commission (PSC), which she led from 1998 to 2003. She also served as chair of the New York State Board on Electric Generation Siting and the Environment.

She served as PSC commissioner from May 1997 and was general counsel from January 1995 through May 1997. Helmer led the PSC during a time of sweeping change in the telecommunications and energy industries. She played a leadership role in increasing coordination between New York and its neighboring U.S. and Canadian Independent System Operators and was a vocal advocate for enhancing regional reliability.

While serving as Chair of the PSC, Helmer also served as a board member of the New York State Energy Research and Development Authority, the New York State Environmental Board and the New York State Disaster Preparedness Commission. She was vice chair of the Electricity Committee of the National Association of Regulatory Utility Commissioners (NARUC) and was a member of the NARUC Board of Directors. Helmer was appointed to serve on the U.S. Department of Energy's Electricity Advisory Board, and she has also served as a member of the New York State Cyber-Security Task Force.

Prior to her positions with the PSC, Helmer served in staff positions with the state legislature, including Counsel to the Senate Energy Committee, and the State Commission of Investigation, where she led several investigations related to corruption in the construction industry.

Helmer earned a Bachelor of Science degree in economics from the State University of New York at Albany and a Juris Doctorate from the University of Buffalo School of Law.