



Dr. Franklin (Lynn) M. Orr was sworn in as the Under Secretary for Science and Energy on December 17, 2014.

As the Under Secretary, Dr. Orr is the principal advisor to the Secretary and Deputy Secretary on clean energy technologies and science and energy research initiatives. Dr. Orr is the inaugural Under Secretary for the office, which was created by Secretary of Energy Ernest Moniz to closely integrate DOE's basic science, applied research, technology development, and deployment efforts. As Under Secretary, he oversees DOE's offices of Electricity Delivery and Energy Reliability, Energy Efficiency and Renewable Energy, Fossil Energy, Indian Energy Policy and Programs, Nuclear Energy, and Science. In total, these programs steward the majority of DOE's National Laboratories (13 of 17).

Prior to joining the Department of Energy, Dr. Orr was the Keleen and Carlton Beal Professor Emeritus in the Department of Energy Resources Engineering at Stanford University. He joined Stanford in 1985. He served as the founding director of the Precourt Institute for Energy at Stanford University from 2009 to 2013. He was the founding director of the Stanford Global Climate and Energy Project from 2002 to 2008, and he served as Dean of the School of Earth Sciences at Stanford from 1994 to 2002. He was head of the miscible flooding section at the New Mexico Petroleum Recovery Research Center, New Mexico Institute of Mining and Technology from 1978 to 1985, a research engineer at the Shell Development Company Bellaire Research Center from 1976 to 1978, and assistant to the director, Office of Federal Activities, U.S. Environmental Protection Agency from 1970 to 1972.

Dr. Orr is also a member of the National Academy of Engineering. He served as a member of the Board of Directors of the Monterey Bay Aquarium Research Institute from 1987 to 2014, and was a member of the Board of Trustees of the David and Lucile Packard Foundation from 1999 to 2008, for which he has also chaired the Science Advisory Panel for the Packard Fellowships in Science and Engineering from 1988 to 2014. He served as a member of the 2008/09 National Research Council Committee on America's Energy Future.

Dr. Orr holds a Bachelor of Science from Stanford University and a Ph.D. from the University of Minnesota, both in Chemical Engineering.



John Kotek was appointed the position of Principal Deputy Assistant Secretary for the Office of Nuclear Energy in January 2015.

The Office is responsible for conducting research on current and future nuclear energy systems, maintaining the government's nuclear energy research infrastructure, establishing a path forward for the nation's spent nuclear fuel and high-level nuclear waste management program, and a host of other national priorities.

Prior to his appointment as Principal Deputy Assistant Secretary, Mr. Kotek was the Managing Partner of the Boise office of Gallatin Public Affairs, a public affairs and strategic communications consulting company. Mr. Kotek advised energy, natural resources and other clients facing

complex communication and government relations challenges.

From 2010-2012, Mr. Kotek served as Staff Director to the Blue Ribbon Commission on America's Nuclear Future, which recommended a new strategy for managing nuclear waste in the United States. Mr. Kotek led the development of the Commission's final report to the Secretary of Energy, engaged in regular communications with Congressional and White House staff, and served as media spokesperson.

From 2003-2006, Mr. Kotek was Deputy Manager of the U.S. Department of Energy's (DOE's) Idaho Operations Office. In that role he was responsible for development and management of the Idaho National Laboratory contract and interface with the INL cleanup effort.

Before joining DOE in July 2003, Mr. Kotek worked for Argonne National Laboratory as the Generation IV and Nuclear-Hydrogen Programs Manager. He directed Argonne's participation in the Generation IV technology roadmapping project, an international effort focused on evaluating and developing the next-generation of nuclear energy systems.

In 2002, Mr. Kotek was the American Nuclear Society's Glenn T. Seaborg Congressional Fellow. John served in the Office of Senator Jeff Bingaman (D-NM), Chairman of the Senate Energy and Natural Resources Committee.

Mr. Kotek started his career with DOE's Office of Nuclear Energy, Science and Technology. He held several positions during his nine years with DOE-NE, including Associate Director for Technology, Associate Director for Management and Administration, and Chief of Staff.

Mr. Kotek holds a Bachelor of Science in Nuclear Engineering from the University of Illinois and a Master of Business Administration from the University of Maryland.



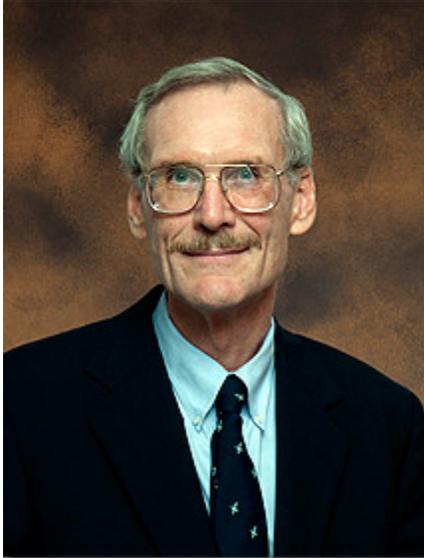
Andrew Griffith was selected as the Associate Deputy Assistant Secretary for Fuel Cycle Technologies for the Office of Nuclear Energy in July 2014.

As the Associate Deputy Assistant Secretary for Fuel Cycle Technologies, Mr. Griffith leads the research and development activities supporting sustainable fuel cycle options for the U.S. These technologies include advanced fuels, separations and waste forms, used nuclear fuel storage, transportation, and disposal, and fuel cycle safeguards and security within the Department of Energy's (DOE) Office of Nuclear Energy.

Since 1990, Mr. Griffith has served in various leadership positions supporting the improvement of nuclear waste management operations and experimental capabilities in both the Office of Nuclear Energy and DOE's Office of Environmental Management. During his time with DOE, he has focused on advance fuel cycle research, nuclear material stabilization, and used nuclear fuel and high-level waste management.

Before joining DOE, Mr. Griffith served in the U.S. nuclear submarine force and continued serving in the Naval Reserve after joining DOE. He retired from the Navy Reserve as a Captain in 2009.

Mr. Griffith holds a Bachelor of Science in Naval Architecture from the U.S. Naval Academy and a Master of Science in Technology Management from the University of Maryland University College.



Dr. William J. Boyle was selected as the Director of the Office of Used Nuclear Fuel Disposition Research and Development for the Office of Nuclear Energy in September 2010.

The Mission of the Used Fuel Disposition Campaign is to identify alternatives and conduct scientific research and technology development to enable storage, transportation, and disposal of used nuclear fuel and wastes generated by existing and future nuclear fuel cycles.

Before joining the Office of Nuclear Energy, Dr. Boyle was the Director of the Regulatory Authority Division (RAD) in the U.S. Department of Energy's (DOE) Office of Civilian Radioactive Waste Management (OCRWM). The mission of the RAD was to develop and support the License

Application (LA), the environmental impact statement, and maintain a certified Licensing Support Network (LSN) that meets NRC regulatory requirements, for the Yucca Mountain Project.

Before joining DOE, Boyle was a geo-technical engineer for the U.S. Nuclear Regulatory Commission, Division of High-Level Waste. From 1985-1992, Boyle participated in private sector site characterization and design activities for proposed repositories at Yucca Mountain, Nevada; Hanford, Washington; and Deaf Smith County, Texas. He also has worked on characterization for and analysis of underground excavations in California, Canada, Finland, and Japan. Boyle also participated in characterization and analysis of large rock sculptures at Mt. Rushmore, South Dakota, and Stone Mountain, Georgia.

Dr. Boyle holds a Bachelor of Science, a Master of Science, and a Ph.D in Civil Engineering from the University of California, Berkeley.