

Andrea L. Sterdis

Andrea L. Sterdis is the Senior Manager of Strategic Nuclear Expansion for the TVA Nuclear Generation Development and Construction organization. Ms. Sterdis is responsible for managing activities associated with TVA's strategic nuclear projects and is the Project Director for the mPower SMR Industry Consortium. Andrea also directed the TVA Bellefonte Nuclear Plant efforts to transition the Units 1 and 2 Construction Permits to deferred status.

Ms. Sterdis has over 29 years of experience in the nuclear industry with a background in engineering, environmental assessments, licensing, and regulatory affairs. Prior to joining TVA, she most recently held the position of AP1000 Licensing Manager for Westinghouse Electric Company. She holds both a Bachelor's degree in Electrical Engineering and Engineering and Public Policy, and a Master's degree in Engineering and Public Policy from Carnegie Mellon University, Pittsburgh, Pennsylvania.

Dan Stout

Mr. Stout joined the Tennessee Valley Authority (TVA) in April 2009. He serves as Senior Manager, Government Affairs and Nuclear Fuel Projects in the Nuclear Generation Development and Construction organization at TVA in their Washington DC office. He is responsible for developing and managing TVA's nuclear policy development and managing federal government programs such as tritium production, advanced modeling and simulation and supporting other nuclear fuel projects. He serves as a liaison between TVA and regulators, legislators, and industry groups in support of nuclear activities at TVA.

Prior to TVA, Mr. Stout served as Director, Nuclear Fuel Recycling at the Department of Energy where he was responsible for planning and policy development regarding nuclear fuel recycling. Mr. Stout was the lead interface with industry working under Cooperative Agreements with the Department in support of the Global Nuclear Energy Partnership. He was also the primary interface with the U.S. Nuclear Regulatory Commission.

From 1991 to 2006 Mr. Stout worked in the uranium enrichment industry, predominantly at USEC Inc., where he was Director of Advanced Technology managing R&D, engineering, licensing, construction, startup and operations of advanced uranium enrichment technologies and facilities including gaseous diffusion, AVLIS, SILEX and gas centrifuge programs.

From 1985-1991 Mr. Stout served in the U.S. Navy as a nuclear submarine officer. Mr. Stout also served in the Naval Reserves in the Naval Special Warfare community from 1991-2007, retiring as a Commander.

Mr. Stout graduated from the U.S. Naval Academy in 1985. He received his Masters Degree in Engineering Management from the National Technological University in 1997.

Specialties

Engineering Management
Business and Strategic Planning
Broad Government & Private Sector Nuclear Industry Experience

GE Global Research

Dr. Alex Simpson, PhD, Technology Leader Aero Systems

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Alex Simpson

February 2011 – Present (6 months)

Leads a global team (US, Germany and India) of around 90 fluid dynamics engineers developing next generation technology for GE Aviation, GE Energy, GE Oil&Gas, GE Transportation and GE Healthcare.

The teams research involves:

- 1) Developing advanced concepts using numerical/experimental tools.
- 2) Advancing our numerical/experimental tools to allow us to drive GE technology.
- 3) Working across discipline boundaries to expand our design space.