

Mark W. Frei



EXPERIENCE SUMMARY

Mark Frei is a senior executive consultant and Vice President for Longenecker and Associates. Mr. Frei retired in 2008 from the U.S. Department of Energy (DOE) as a Deputy Assistant Secretary (DAS) for the Office of Environmental Management (EM). He has more than 30 years of technical and management experience with the U. S. Department of Energy and its predecessor agencies in radioactive and hazardous waste cleanup, nuclear waste disposal, and advanced nuclear power plant development.

Mr. Frei last served as the DAS for Program Planning and Budget in DOE's EM program responsible for formulation, justification, and execution of the Department's \$6 billion (annual) environmental cleanup program budget, as well as strategic planning, Congressional liaison, and performance measurement efforts, and direction of EM's special nuclear materials management and disposition program. Prior to that, he served as a DAS in DOE's EM program since 1997 in various capacities, including overall management of the nuclear waste cleanup program at the Hanford Site in Washington, the Savannah River Site in South Carolina, and the Idaho National Laboratory, with special emphasis on safe, cost-effective storage/treatment/disposal of high-level waste, transuranic waste, low-level waste, spent nuclear fuel and special nuclear materials. Mr. Frei also served as Manager, Idaho Operations Office in the 2001-2002 timeframe, where he focused on improved worker safety, conduct of operations, implementation of Defense Nuclear Facilities Safety Board recommendations, rigorous management reviews of laboratory and cleanup projects, laboratory strategic planning, and an accelerated top-to-bottom cleanup strategy for the Idaho site. During his time in EM, Mr. Frei served as source selection official on 3 major DOE contract acquisitions, managed the preparation of numerous Environmental Impact Statements, and led the multi-disciplinary effort to "open" the Waste Isolation Pilot Plant in New Mexico for geologic disposal of the DOE's defense-origin transuranic waste.

Previously, Mr. Frei served in various management and technical positions in the DOE's Office of Civilian Radioactive Waste Management. His responsibilities included direction of site characterization and licensing of the high-level waste/spent nuclear fuel repository and Monitored Retrievable Storage facility, of design and development of exploratory test and full-scale repository facilities, of systems engineering development and implementation, of waste acceptance criteria and process development, and of engineered barrier testing and design. Prior to working in the repository program, he served as a nuclear engineer, with responsibility for technical management of nuclear plant component design, development, testing, and fa

Mr. Frei earned two Presidential Rank Awards during his Government service, including Distinguished Executive in 2006 and Meritorious Executive in 1997, and commendations from the U. S. Nuclear Navy and the Department of Justice. Mr. Frei holds a B.S. degree in Nuclear Engineering from the University of California (Santa Barbara) and a M.S. degree in Nuclear Engineering from the University of Washington.