

Dr. Milton D. Johnson

EXPERIENCE SUMMARY

Dr. Johnson has more than 35 years experience in the management of scientific programs, including the development and implementation of technology roadmaps; analysis of technologies, emerging trends, and future business environments; implementation methodologies for new technologies, independent assessment, strategic planning, business process enhancements, project management and safety.

DETAILED EXPERIENCE

Longenecker & Associates, Inc.

February 2005-Present

Since retiring in February of 2005, Dr. Johnson has worked for private industry, DOE and several National Laboratories including FERMI, Argonne, Princeton Plasma Physics Laboratory, ORNL and LLNL. In addition he has conducted independent assessments of the bulk vitrification process at Hanford, analyzed EIS issues for PNNL, and performed analysis of the data and model quality issues for the Yucca Mountain Project and developed technology roadmaps for NIST. He has served on the National Ignition Facility Advisory Committee and presently serves on the US ITER Project Advisory Committee and is a consultant to the DOE's Office of Health Safety and Security.

US Department of Energy

January 1975-February 2005

Before retiring from the DOE in February 2005, Dr. Johnson served as the Chief Operating Officer of the DOE Office of Science, a position he assumed in 2001. As the Chief Operating Officer and Head of Contracting Activities (HCA) for the Office of Science, he was responsible for field and laboratory management issues and concerns including the DOE Operations Offices in Chicago and Oak Ridge, the ten SC Site Offices and their associated research laboratories including over 700 federal staff and the contracting activities for the office of Science's annual budget of over \$3.5B.

Dr Johnson joined the AEC in 1975 and served in various positions with the AEC, ERDA and the DOE in both the field and HQ including serving as the Acting Principal Deputy Director of the DOE's Office of Science between January 2001 and March 2002. In this position, he directed the day-to-day technical and management activities for all SC headquarters and field components. From 1980 until 1996 he served in increasingly responsible positions at the DOE's Princeton Site Office. He served as Manager of this office from 1987 until 1997. His responsibilities included operational and contractual oversight of the Princeton Plasma Physics Laboratory. He also served as the DOE federal project manager (now called the Federal Project Director) for the Tokamak Fusion Test Reactor, a \$314M construction project completed in December 1982, and completed operations in 1997. Dr. Johnson returned to DOE headquarters in July 1996, as the Deputy Associate Director of the Office of Fusion Energy Sciences.

Throughout his federal career, Dr Johnson received numerous awards including the Presidential Meritorious Rank Award in 2000 "for sustained superior accomplishment in management of programs of the US...."

PRIOR EXPERIENCE

1962-January 1975

Before joining DOE, Dr. Johnson was employed as an as engineer in the electronics industry, at universities and at the Lawrence Livermore National Laboratory. His research and engineering interests were focused on electronic, microwave and laser instrumentation.

Dr. Johnson completed the Marine Corps Marathon in 2000, was born in Jamestown, New York, and raised in Arizona. He is married and has two adult children.

EDUCATION

University of Arizona, B.S. Electrical Engineering, 1962

University of Arizona, M.S. Electrical Engineering, 1966

Cornell University, PhD, Experimental Plasma Physics, 1975