

CLAY H. RAMSEY

EXPERIENCE SUMMARY

Retired U.S. Department of Energy (DOE) and National Nuclear Security Administration (NNSA) Senior Executive Service member with over 30-years of experience in management of large and complex nuclear material processing facility and high-energy physics construction projects. Directly responsible for management of all aspects of project execution including design, procurement, construction, startup testing and project controls. Extensive experience with the preparation and approval of project management documentation and performance of project external reviews.

DETAILED EXPERIENCE

Senior Project Manager – Longenecker & Associates

2012-Current

Provides expert technical advice to the U.S. Department of Energy (DOE) and private industry to improve the performance of their complex nuclear projects and facilities. Recent activities include analysis of best in class project management processes for implementation by NNSA on its complex nuclear facility projects, managing a detailed review of nuclear operations for Savannah River Remediation, LLC and provided Fluor, Inc with an assessment of its performance on facility operations and project management work for DOE and NNSA.

Federal Project Director (Level 4) - MOX Fuel Fabrication Facility

2006-2012

Federal Project Director during final design, procurement and construction for NNSA's \$5 billion MOX Fuel Fabrication Facility project. Responsible for over 3000 federal and contractor employees performing work on this first-of-a-kind project to manufacture commercial nuclear reactor fuel from excess plutonium. This highly automated 500,000 sq. ft. facility is NNSA's largest construction project with an annual budget exceeding \$500 million. The project has achieved a world-class safety record with over 12 million consecutive hours of heavy construction performed without a significant injury. In addition, this project is unique in that it is regulated by the U.S. Nuclear Regulatory Commission and per periodic NRC reports; the quality of work meets all requirements with no areas needing improvement. In the environmental area, the project has received the State of South Carolina Environmental Excellence Award and completed 2 LEED Gold buildings.

Program Manager and Federal Project Director (Level 4) – Tritium Extraction Facility

2002-2006

Program Manager and Federal Project Director of NNSA's \$500 million first-of-a-kind Tritium Extraction Facility project during construction, startup testing and initial facility operation. Responsibilities also included all aspects of facility readiness to begin operations, including necessary readiness reviews, and performance of initial radioactive operations. The project was completed ahead of schedule and under budget and has been in flawless operation since completion to generate tritium for the Nation's defense.

Federal Project Director - Tritium Facility Modernization and Consolidation Project

2000-2002

Federal Project Director of DOE's \$150 million Tritium Facility Modernization and Consolidation Project during construction and startup testing. This unique project incorporated advanced technology features to enhance operator safety and reduce environmental emissions while not disrupting the day-to-day radiological operations of the plant. The project was completed on schedule and under budget and was a DOE Project of the Year Award winner.

Project Engineer and Deputy Project Manager

1996-2000

Project Engineer and Deputy Project Manager for the DOE \$2 billion Accelerator Production of Tritium Project during preliminary design and equipment development. This large high energy physics project required coordinated efforts from several national laboratories and industry partners. The project was a DOE Project Management Excellence Award winner for the successful effort to integrate the work all of the project participants.

Director of Project Controls - Savannah River Site

1990-1996

Director of Project Controls for the DOE Savannah River Site responsible for a wide range of project control services for 30+ large nuclear construction projects expending \$400 million per year.

Project Engineer

1979-1990

Project Engineer responsible for a wide variety of nuclear construction projects DOE and U.S. Department of Defense naval nuclear propulsion facilities.

General

Conducted numerous independent reviews of and lessons learned exchanges with a wide variety of complex DOE and NNSA nuclear, science, waste management and infrastructure projects. Specialty areas include facility design, acquisition strategies and procurement execution, construction planning and execution, operational planning and readiness, along with project management, project controls and risk management.

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Bachelor of Science in Nuclear Engineering

Project Management Professional Certification –PMI

Level 4 Project Manager Certification – DOE

Construction Management Certification – DOE

DOE Top Secret "Q" Security Clearance