

KEN CHACEY

EXPERIENCE SUMMARY

Mr. Chacey is a results-oriented leader with 40 years of project/program management experience in the Department of Energy (26 years), Department of Defense (10 years) and 7 years commercial.

He has organized, led, and motivated project teams and major organizations in the successful planning, design, construction, and operation of over 15 Major System Projects (ranging from \$1B to \$6B in total project cost).

He is a recognized leader in taking new and complex programs from conceptual stage to start-up and full implementation.

Mr. Chacey's major strengths include applying innovative management solutions and engineering principles to problems, motivating project teams, minimizing project risks (technical and cost/schedule), and ensuring that project goals are met on time and within budget.

MAJOR ACCOMPLISHMENTS

- The Ameresco Site Manager at the Savannah River Site, responsible for the construction of the Biomass Cogeneration Facility (phase 1 and 2), which is the largest federal biomass facility in the US. Performed site reviews, walk downs, certified the facility met all commercial codes and standards, performed detailed reviews of critical operations performance parameters, approved plans and specifications, and verified work in place. Also, reviewed and approved the site safety program and closed all the final acceptance requirements with the Department of Energy.
- Achieved successful start of construction for the first major U.S. plutonium disposition facility – the Mixed Oxide Fuel Fabrication Facility at the Savannah River Site. By applying rigorous project management initiatives, and through innovative thinking, avoided cost increases often experienced by other DOE major system acquisitions; minimized the impact of a Congressionally-driven 11-month delay in start of construction by allowing critical pre-construction engineering work to be accomplished (avoiding over \$50M in costs); directed a safety stand-down prior to starting construction; and worked to resolve potential NRC certification issues.
- Led the planning, design, and construction of two Major System Projects under the Elimination of Weapons-Grade Plutonium Production (EWGPP) Program. Under this program, the U.S. is providing project management assistance to Russia for the shutdown and D&D of Russia's three remaining plutonium production reactors and for the construction of two new fossil fuel plants to provide replacement energy. Directed the establishment of project-critical decisions and performance baselines, negotiated U.S./Russian agreements to achieve cost and schedule enhancements, and applied rigid project management controls to keep the projects on schedule and within budget. The EWGPP Program is now used by DOE's Office of Engineering Construction and Management as a model for how projects should be accomplished within DOE.
- Led the planning and initial implementation of the Foreign Research Reactor Spent Nuclear Fuel Acceptance Program, through which the U.S. accepts U.S.-origin HEU spent fuel from foreign countries. This is a key component of DOE's Global Threat Reduction Initiative to reduce

stockpiles of weapons-usable materials around the world. To date, over 9 metric tons of spent nuclear fuel have been successfully removed from foreign locations, and are now safely stored in the U.S.

- Led development of DOE's first comprehensive Nuclear Materials Management Plan, which provided strategies and road maps for the treatment, storage, disposal, and transportation of the major types of surplus nuclear materials being managed by DOE.
- Provided HQ program management, systems engineering, project review, and other oversight activities for several other Major System Projects within DOE, addressing safety risks and technological challenges associated with high-level waste operations, D&D, environmental remediation.

EMPLOYMENT HISTORY

Retired as a Captain from the Naval Reserve after 30 years of service in the Civil Engineer Corps. Recalled to active duty during Operation Desert Storm as Commanding Officer of a Naval Mobile Construction Battalion, one of the largest Navy units activated during Desert Storm.

Energy Consultant – KC Energy Consulting, LLC North Augusta, SC

January 2017-Present

Ameresco Site Office Manager – Savannah River Site Aiken, SC

July 2009-December 2016

Director, Office of Site Engineering and Construction Management – Savannah River Site (SRS), National Nuclear Security Administration (NNSA)

July 2007-2009

Overseeing construction of the two largest projects in NNSA (totaling over \$6B) that will convert surplus plutonium into mixed oxide fuel for commercial nuclear reactors

Director, Office of International Cooperation – DOE

2003-2007

Managed a \$1B U.S. assistance program to shut down Russia's last three plutonium production reactors and replace their energy production with new fossil-fuel facilities.

Various senior management positions in NNSA and EM, including three Office Director positions

1993-2003

Provided HQ management and oversight of Savannah River Site operations, all of DOE's high-level waste vitrification projects, and other waste management, nuclear materials, remediation, and D&D projects (including several Major System projects and new programs). Led the planning and initial implementation of the Foreign Research Reactor Spent Nuclear Fuel Acceptance Program. Led development of the first comprehensive Department-wide Nuclear Materials Management Plan

Various Division Director and Program Manager positions in EM

1987-1993

Oversight and management responsibility for the Hanford Tank Waste Remediation System, the Department's three high-level waste (HLW) vitrification projects, as well as research and technology development.

General Engineer, Defense Waste Processing Facility – SRS, DOE

1984-1987

Responsible for technology development and all high-level waste form testing for the first full-scale high-level radioactive waste processing plant; participated in Operational Readiness Reviews and other start-up activities.

Environmental Engineer, Southern Division, Naval Facilities Engineering Command – DOD

1977-1984

Served in increasing capacities of responsibility for environmental compliance at over 40 Naval facilities.

EDUCATION

Master of Science, Engineering, 1977, Georgia Institute of Technology

Bachelor of Science, Civil Engineering, 1972, Virginia Military Institute

OTHER QUALIFICATIONS, HONORS, AND AWARDS

- Level 4 Project Director at DOE (highest level of project certification for projects greater than \$700M)
- Registered Professional Engineer (P.E.), MD, VA, SC and GA; Class A Construction License, SC, VA
- Certified Senior Technical Safety Manager
- Special Service Act Award (1997, 1999, 2000, 2006)
- Outstanding Performance Award (1985-2000, 2005-2006)
- "Legion of Merit" US Navy award, Sept 2001
- Co-Chair of the 1998 ANS topical meeting (1998)
- Award for implementing HQ Quality Program (1992)
- FY-93 recipient of U.S. Navy Ben Moreell Medal (selected from over 1,000 engineers) (1992)
- Meritorious Service Medal for performance in Operation Desert Storm (1991)
- Nominated as U.S. Navy's Professional Engineer of the Year by the Nat. Soc. of Prof. Engineers (1983)
- Selected as Engineer of the Year in a 450-person engineering field division (1982)