
LONGENECKER and ASSOCIATES

Bruce D. Foster

EXPERIENCE SUMMARY

Mr. Foster has over 24 years of technical and management experience in quality assurance systems development and assessment, nuclear waste project management, nuclear licensing and regulatory analysis, and systems engineering. As a certified audit team leader or team member, Mr. Foster has participated in quality assurance audits at numerous DOE sites, facilities, and national laboratories including the Yucca Mountain Project in Las Vegas, the Nevada Test Site, Idaho National Environmental and Engineering Laboratory, Argonne National Laboratory (West), the Savannah River Site, Los Alamos National Laboratory, Lawrence Livermore National Laboratory, Lawrence Berkeley National Laboratory, DOE Carlsbad Field Office, and the Rocky Flats Site in Denver, Co. These performance and compliance-based audits were conducted to nuclear industry and DOE standards such as NQA-1 and DOE Order 414.1C as promulgated through governing quality assurance program and permitting documents. Specific program experience included DOE Environmental Management and Defense Programs quality assurance support, Yucca Mountain Project quality assurance and licensing support, National Transuranic (TRU) Waste Management Program project management and quality assurance support, and DOE Environmental Management program mixed waste project management. The specific areas where Mr. Foster lead or participated in assessment activities (including audits and surveillances) encompassed waste management, transuranic waste characterization, transportation, engineering, data management, software management, scientific modeling and analyses, and repository design. In addition, Mr. Foster has participated in audits of Yucca Mountain Project suppliers.

As the TRU Waste Characterization Project Site Project Manager at the Nevada Test Site, Mr. Foster was responsible for managing annual budgets ranging from \$4 to \$7 million covering all aspects of TRU waste characterization operations including customer interface, quality assurance, regulatory compliance, facilities management, characterization program development, and program implementation. In this capacity, Mr. Foster was responsible for overseeing the design, procurement, construction, and operation of the Waste Examination Facility (WEF), a 2.3 million dollar TRU waste characterization facility. His specialized strengths include conducting independent analyses/assessments and managing project teams to assess, analyze, document, develop, and implement optimum systems solutions to diverse technical and management problems.

RELEVANT SKILLS

Mr. Foster has attended numerous specialized training courses and seminars including the following:

- NQA-1 Lead Auditor Training
- ISO 9000 Lead Auditor Training
- ISO 14000 Lead Auditor Training
- DOE Operational Readiness Review Training
- Environmental and Transportation Regulations (including RCRA)
- Radiological Worker II
- Glovebox Operations
- OSHA 40-hr Hazardous Waste Site Operations
- Supervision of Hazardous Waste Site Operations
- Environmental Risk Management

DETAILED EXPERIENCE

DOE, Yucca Mountain Project, Office of Quality Assurance
1211 N. Town Center Dr., Las Vegas, NV 89144

Sandia National Laboratories, Yucca Mountain Project, Lead Laboratory
1251 N. Town Center Dr., Las Vegas, NV 89144

Through Longenecker & Associates, Inc., Mr. Foster provides support to Sandia National Laboratory as the lead laboratory for the Yucca Mountain Project. Mr. Foster is a certified lead auditor actively involved in performing compliance and performance-based audits and surveillances of lead laboratory activities. In addition, Mr. Foster is responsible for working with lead laboratory line organizations to provide quality assurance support and oversight to facilitate compliance with applicable quality requirements. Integral to this role is the mentoring and qualification of line quality compliance specialists. Mr. Foster is actively engaged in the review of lead laboratory technical documents and procedures. The focus of such reviews is to ensure implementation of applicable quality assurance program requirements.

As a certified audit team leader or team member, Mr. Foster has participated in quality assurance audits at numerous DOE sites, facilities, and national laboratories including the Yucca Mountain Project in Las Vegas, the Nevada Test Site, Idaho National Environmental and Engineering Laboratory, Argonne National Laboratory (West), the Savannah River Site, Los Alamos National Laboratory, Lawrence Livermore National Laboratory, Lawrence Berkeley National Laboratory, DOE Carlsbad Field Office, and the Rocky Flats Site in Denver, Co. These performance and compliance-based audits were conducted to nuclear industry and DOE standards such as NQA-1 and DOE Order 414.1C as promulgated through governing quality assurance program and permitting documents. These audits were performed for the DOE or DOE contractors supporting DOE EM, DP, and RW programs.

EDUCATION

University of Nevada, Las Vegas – Masters degree in Engineering (Environmental Engineering emphasis) awarded 1998. Attended courses in computer science, environmental hazards, and environmental engineering from 1986 – 1988 and 1993 – 1998 (approximate years).

University of Arizona – Bachelors degree in Nuclear Engineering awarded 1983.
Attended 1980 – 1983

California Lutheran College – no degree awarded.
Attended 1978 – 1980

CERTIFICATIONS:

Certified Lead Auditor