

LONGENECKER and ASSOCIATES

EXPERIENCE SUMMARIES FOR KEY PERSONNEL

Mark E. Doherty

DETAILED EXPERIENCE:

Mr. Doherty has extensive experience in supporting radioactive waste disposal projects, including providing support to the Waste Isolation Pilot Plant Managing and Operating contractor to support the Carlsbad Field Office. In this capacity, Mr. Doherty's duties included supporting efforts concerning site certification; review of generator site program documents and procedures; support to DOE for modifications and clarifications to the WIPP RCRA permit; and assisting in developing responses to generator site waste characterization and certification questions. Mr. Doherty is a qualified site project manager and acceptable knowledge expert for the Central Characterization Project (CCP), contact-handled waste characterization lines at several sites where CCP is located. Mr. Doherty's duties included establishing the remote-handled certification program for EPA certification and assisting in setting up the RH characterization program to implement that RH certification program for CCP.

Mr. Doherty also acted as the Certifications and Assessments technical lead for the Carlsbad Area Office (CAO) Technical Assistance Contractor. His duties included review of generator site certification documents; providing technical specialists to support site certification audits; review of WIPP hazardous waste facility permit modifications; review and provide interpretations to the WIPP hazardous waste facility permit; coordinate nondestructive assay system evaluations; evaluate site requests for guidance concerning compliance issues; scheduling and staffing site audits; tracking site certification issues; and maintaining the CAO Generator Site Certification Plan. This involved coordination of about 14 full and part-time employees. Project management duties included developing and tracking the budget and schedule associated with these activities.

Mr. Doherty has also prepared RCRA Closure Plans, reassessment of waste characterization for RCRA compliance, and preparation of strategies to meet waste acceptance criteria for RCRA-regulated wastes at various disposal sites, developing sampling and analysis plans for mixed waste, and performing safety analyses and hazard assessments.

Mr. Doherty has extensive experience as a Health Physics Technician, and has worked in several nuclear power plant refueling outages as a Senior Health Physics Technician. Duties included performing radiation surveys; writing radiation work permits; performing ALARA pre-job briefings; acting as counting room technician; performing radiological job coverage in high-radiation, high-contamination environments; and supervising radiological waste handling and decontamination activities.

EDUCATION:

- M.S. Physics, University of Minnesota, 1989
- B.S. Physics and Chemistry, University of Wisconsin-Superior, 1987
- U.S. Naval Nuclear Power School, 1979
- Project Management Training, 1994
- Sampling Methodologies, Theory, and Practice, 1993
- Environmental Sampling, Laboratory, and Data Analysis, 1994
- 24-Hour Hazardous Waste Operations, 1993; 8-Hour Update, 1996