

Timothy Floyd

Summary

Mr. Floyd provides consulting services to clients in the application of management systems, regulatory compliance programs, process improvement programs, and provides safety and readiness review of complex safety management systems. Specialties include independent and/or team assessment of technical programs, safety analysis, development and implementation of regulatory compliance programs. Management support initiatives have included development of standards and requirements identification programs to achieve compliance within highly regulated environments. Mr. Floyd has over twenty-five years of experience in management, pipeline safety, technical assessment, safety analysis and review, nuclear licensing, engineering, and technical strategy.

Employment

July 2003 - Present Independent Consultant Knoxville, TN

- Hazardous Liquid Integrity Management Inspection Support
- Gas Integrity Management Inspection Support
- Gas Integrity Management Protocol Development
- Gas Integrity Management Supplemental Guidance Development

Jan 2000 - Feb 2004 Pacific Western Technologies Oak Ridge, TN

Consultant

- Assessment Program Development Assuring Compliance with Requirements
- Independent Assessment of Key Safety Programs
- Program Management of Standards and Requirements

July 1991 - Dec 1999 Cycla Corporation Alexandria, VA

Consultant

- Analysis support to the Department of Transportation's Office of Pipeline Safety (OPS) for ongoing Risk Management Demonstration Project and System Integrity Inspection Program.
- Supported Gaseous Diffusion Plant Transition from Department of Energy to Nuclear Regulatory Commission Oversight.

Education

1977-1980 Tennessee Technological University Cookeville, TN

B.S. Mechanical Engineering

Major Projects

Pipeline and Hazardous Materials Safety Administration

Provide consulting and analysis support to the Department of Transportation's Office of Pipeline Safety (OPS) for the ongoing Integrity Management Inspection program initiatives for hazardous liquid and gas pipeline operators, including the conduct of Integrity Management Inspections of hazardous liquid and gas pipeline operators verifying operator compliance with regulatory requirements. Inspections involve in part an in-depth team review of pipeline operator's threat identification programs, pipeline inspection techniques, remedial action programs, quality assurance programs, training and qualification programs, and management of change programs. As part of the

initiatives to prepare for regulatory actions for gas pipeline operator Integrity Management programs, assisted in development of comprehensive program inspection protocols, inspection guidance documents, and computer-based training modules.

Department of Energy

Developed and facilitated implementation of an assessment program confirming implementation of contractual requirements and standards. The assessment program involved subject matter expert review of 39 functional areas and 86 project/subcontract specific assessments identifying flowdown documentation, field implementation, and necessary corrective actions and compensatory measures.

Participated in independent technical assessments of nuclear safety and nuclear criticality safety programs, radiological safety programs, occurrence reporting programs, and compliance with facility specific safety authorization basis requirements.

Served as the task management lead for the Bechtel Jacobs Company (BJC) standards management program. This task required coordination and work with all five of the BJC environmental management sites in Tennessee, Kentucky, and Ohio. The task included development and maintenance of contractual standards and requirements and flowdown to implementing subcontractors. Developed Microsoft Access databases for tracking and reporting on the review of DOE directives that potentially could be included in the BJC prime contract and for capturing the documentation of flowdown to programmatic and subcontract proforma documents.

United States Enrichment Corporation

Certification Engineer for the development of the Application for NRC Certification for the Paducah Gaseous Diffusion Plant (PGDP). This was the first major transition from DOE regulation to NRC regulation of an ongoing major nuclear operation. Provided the necessary regulatory perspective for development and documentation of the plant safety analysis and management control programs. Provided support in the preparation, submittal, and maintenance of both the PGDP Application for NRC Certification, the Safety Analysis Report Upgrade (SARUP), and the Packaging and Transportation Quality Assurance Program (PTQAP). Developed computerized tracking system for proposed changes to the Application for NRC Certification and the SARUP.