

TERRY J. ZIMMERMAN, PE, CHMM, PMP

EXPERIENCE SUMMARY

40 Years' Experience in all aspects of Supervision, Program and Project Management, Construction, Design, Nuclear Safety, and Environmental Management.

PROFESSIONAL EXPERIENCE

Work History

1995 – 2015	U.S. Department of Energy (Retired)	Amarillo, TX
1987 – 1995	U.S. Army Corps of Engineers	Amarillo, TX
1986 – 1987	Wiley Hicks Construction	Amarillo, TX
1985 – 1986	Petro Magnetics	Pampa, TX
1975 – 1985	Celanese Chemical Company, Inc.	Pampa, TX

MANAGEMENT/SUPERVISORY

Education/Training

- Management Concepts (college elective)
- Leadership Education and Development Course
- Dale Carnegie Course

Deputy Assistant Manager - Programs and Projects (NNSA/DOE – Pantex)

- Supervised and directed staff providing oversight of all weapons program work and infrastructure programs/projects at Pantex (approximately \$450M/year budget)
- As Senior Level Federal Project Director, mentor and assisted junior engineers on projects and their development.

CONSTRUCTION/PROJECT MANAGEMENT

Education/Training

- PMP certification
- Level III Federal Project Director Certification
- Government Contract Law
- COTR- Contracting Officer's Technical Representative Level III certification
- Procurement – Contract Management and Administration
- Negotiating Construction Contract Modifications
- Project Management Planning, Scheduling, and Control with CPM/PERT
- PRIMAVERA Scheduling Class
- Network Analysis
- Earned Value Management System (EVMS)

Federal Project Director (NNSA/DOE – Pantex)

- Managed and provided Federal Oversight of various Nuclear and Infrastructure projects requiring NQA-1, EVMS, Schedule, and extensive Construction knowledge experience.

Security Enhancement Program Manager (NNSA/DOE – Pantex)

- Security Enhancement Project Program Manager – Assigned as the equivalent Level III Federal Project Director managing all design/construction/start-up work. Provided leadership and construction management oversight on a \$143,000,000 security upgrade project that consisted of 12 interrelated subprojects. Sub-projects were considered to be extremely complex and challenging over and above conventional construction because of the electronic systems and the type of subprojects involved. The project was one of the first Major System Acquisitions to be performed at the Pantex Plant.
- Authorized to make decisions and approve activities related to the project, without policy limits, and approved agreements relating to the project with the M&O contractor and other concerned parties.
- Provided project status and briefings to the Assistant Secretary for Defense Programs; and the DOE Under Secretary in the capacity of Chairman of the DOE Energy Systems Acquisition Advisory Board.
- Represented AL Manager, in direct interactions with Headquarters program personnel and with local, state, federal agencies, or oversight groups (i.e., DNFSB, Site Specific Advisory Board).

NUCLEAR SAFETY

Education/Training

- NQA-1 Lead Auditor Certification
- Root Cause Analysis
- Nuclear Safety Systems Officer Technical Qualification Program Certification for Mechanical Engineer
- Explosion Hazards Prevention and Control;
- DOE STD 3009 and Technical Safety Requirements

Nuclear Mechanical Safety Systems Engineer (NNSA/DOE – Pantex)

- Establish expectations and provide oversight on the contractor's System Engineering Program in accordance with DOE Order 420.2B requirements and Nuclear Quality Assurance (NQA-1) requirements.
- Provided independent review of emerging problems/issues.
- Provide technical reviews of Authorization Basis Design Safety Analysis (DSAs).
- Served as the point of contact on several DNFSB site issues and responses.
- Served as Deputy Team Lead and participated on numerous teams in support of Operational Readiness Reviews (ORR's) and Readiness Assessments (RA's) supporting nuclear operations activities and facility start-ups.
- Site point of contact for all overflight issues. Position required development and management of Memorandum of Understanding (MOU's) and interagency agreements (IA's), interfacing with City, State, and FAA.

Maintenance, Systems Engineering, & Configuration Management Program Manager (NNSA/DOE – Pantex)

- Provided technical oversight of the Pantex Plant Maintenance, CAS Asset, Systems Engineering, and Configuration Management Programs at Pantex.
- Established and Managed the Readiness Technical Base Facility (RTBF) program (approximately \$130,000,000 annual infrastructure budget).

ENVIRONMENTAL/WASTE MANAGEMENT

Education/Training

- Master’s Level Certified Hazardous Material Manager’s License.
- RCRA Hazardous Waste Regulations
- RCRA Land Disposal Restrictions and Advanced RCRA Topics
- Hazardous/Toxic Waste Overview Course
- Environmental Impact Statements (EIS)

Waste Management Technical Program Manager (NNSA/DOE – Pantex)

- Provided technical oversight and program direction for the RCRA, Mixed Waste, and Waste Minimization Programs in nuclear operations areas.
- Provided field surveillance compliance oversight in accordance with Federal Facility Compliance Act, Site Treatment Plan, and all regulatory permit requirements.
- Participated on Team in Preparing and Reviewing EIS for Pantex.

EDUCATION

Kansas State University, Manhattan, KS

Bachelor of Science in Mechanical Engineering, 1970-1975, Cum Laude

12 Hours toward Masters of Engineering at Texas Tech Engineering Program

PROFESSIONAL LICENSES/CERTIFICATIONS

- Licensed Professional Engineer (State of Texas No. 65178)
- Masters Level Certified Hazardous Material Manager (C.H.M.M. National No. 07494)
- Project Management Professional (PMP) Certification (No. 488470)
- Federal Project Director Level III (DOE/NNSA Project Management Certification program for projects up to \$400M)
- Private Pilot License – Single Engine Land

SECURITY CLEARANCE

“Q” Secret Clearance and participated in the Personal Assurance Program (PAP) at the Pantex Plant