

Ted Lewallen

SUMMARY

Executive Summary	Over 20 years of experience with the Utilities, Department of Defense and Department of Energy as Operations Shift Supervisor, Technical Writer, Instructor, and Training material developer.
Manager	Managed Training Department employees during task analysis, design, development, and implementation of site-specific training.
Technical Writer	Technical writing and training areas include: Administration, Operations, and Maintenance for various commercial Industries.
Instructor	Taught classes in administration procedures, Train-the-Trainer, operations, mechanical maintenance, and On the Job Training of plant personnel.
Training Developer	Developed training programs for Power Generation, Water Utility, Paper Mill, Steel Mill, Chemical Plant, and Department of Energy facilities; covering administration, operations, and mechanical subject matter.
Supervisor	Operations Shift Supervisor, Supervised Startup and Operations Procedure Development.
Maintenance Superintendent	Supervision of employee work assignments for a Unit outage.

PROFESSIONAL WORK HISTORY

Shell/Motiva Crude Oil Expansion Project, Port Arthur, TX – 3/11 to Present - under contract.

- COMMISSIONING LEAD
- **Duties** – Commissioning of the raw water clarifiers, fire protection equipment, waste water treatment system, & 4 GE frame 6 natural gas fired unites, with supporting systems
 - ◇ Development of startup procedures.
 - ◇ Development of operating procedures.
 - ◇ Implementation of equipment run-in and commissioning.

KEWIT Power Constructors, Co. Dave Johnston Project, Glenrock, WY – 12/09 to 9/10 - under contract.

- OPERATIONS/LOCK OUT TAGOUT ADMINISTRATOR
- **Duties** – Assist with starting equipment form DCS, testing loops, hydro testing, flushing, to support commissioning and startup of the exhaust gas scrubber Unit 3 on the Dave Johnston FGD Project, Glenrock, Wyoming. The facility consists of 2 exhaust gas scrubber trains. The plant is controlled via a Westinghouse Ovation DCS.
 - ◇ System Walk down to Ensure equipment installed according to drawings.
 - ◇ Coordinating with Engineers, Quality Control, and Construction personnel to ensure compliance with all applicable procedures, Wyoming EPA regulations, and laws.
 - ◇ Perform Tagging Authority duties for lock & tag, and other safety related activities.
 - ◇ Performing flushing of system piping and components to meet vendor requirements for operational readiness, and performance testing of individual components, then all components at one time.

KEWIT Power Constructors, Co. Panoche Energy Project, Firebaugh, CA – 12/08 to 8/09 - under contract.

- LEAD OPERATIONS
- **Duties** – Assist with starting equipment form DCS, testing loops, hydro testing, flushing, air & nitrogen blows, to support commissioning and startup of the LMS100 Simple Cycle power plant in Firebaugh, California. The facility consists of four GE LMS100 natural gas fired turbines, with three natural gas compressors. The plant is controlled via a Westinghouse Ovation DCS.
 - ◇ System Walk down to Ensure equipment installed according to drawings.
 - ◇ Coordinating with Engineers, Quality Control, and Construction personnel to ensure compliance with all applicable procedures, California EPA regulations, and laws.
 - ◇ Perform Tagging Authority duties for lock & tag, and other safety related activities.
 - ◇ Performing flushing of system piping and components to meet vendor requirements for operational readiness, and performance testing of individual units, then all four units at one time.

Mussaib Gas Plant, Mussaib, Iraq – 11/07 to 9/08 - under contract.

- IRAQ TRAINING MANAGER
- OPERATIONS - PROCEDURE WRITER
- OPERATIONS BACK SHIFT SUPERVISOR
- **Duties** – Develop a training plan for the 6 projects currently assigned to the O&M/S task. Write Operations Procedures for Operations, Electrical, and I&C personnel, to support commissioning and startup of the ten LM-6000 Gas Turbines, Topping Plant and Tank Farm storage facility. Perform training activities for operations personnel on back shift to perform operations duties.
 - ◇ **Training Plan Development including classroom and field operator activities.**
 - ◇ **Develop and validate operations procedures to encompass total plant operations.**
 - ◇ **Training and directing shift operators for monitoring operating equipment, shift rounds and equipment status.**
 - ◇ **Performing site coordinator duties to assist in the completion of construction and commissioning phases of the project.**
 - ◇ **Perform Tagging Authority duties for lock & tag, and other safety related activities.**

IcV Valladolid III Energy Center Ebtun, Valladolid, Yucatan - Mexico – 5/05 to 11/07 - under contract.

- Commissioning/Operations - Procedure Writer
- Operations Shift Supervisor
- Toshiba Warranty Representative
- **Duties** – Write Startup Procedures for Mechanical, Electrical, and I&C, to support commissioning and startup of the 550 MW combined cycle power plant in Valladolid, Mexico. The facility consist of two GE Frame 7FA natural gas fired turbines, a GE D11 reheat steam turbine, with two Nooter Eriksen HRSG's. The plant is controlled via a Westinghouse Ovation DCS.
 - ◇ **Write startup and operating procedures, Perform Tagging Authority duties for lock & tag, and other safety related activities.**
 - ◇ **Perform Operations Shift Supervisor duties.**
 - ◇ **Perform Toshiba Warranty Representative duties.**

KEWIT Industrial Co. Palomar Energy Project, 1000 Citracado Parkway, Escondido, CA – 04/05 to 10/05 - under contract.

- STARTUP ENGINEER/PROCEDURE WRITER
- **Duties** – Write Startup Procedures for Mechanical, Electrical, and I&C, to support commissioning and startup of the 550 MW combined cycle power plant in Escondido, California. The facility consist of two GE Frame 7FA natural gas fired turbines, a GE D11 reheat steam turbine, with two Nooter Eriksen HRSG's. The plant is controlled via a Westinghouse Ovation DCS.
 - ◇ System Walk down to Ensure equipment installed according to drawings and Operations & Maintenance instructions.
 - ◇ Coordinating with Operations, Engineers, Quality Control, and Construction personnel to ensure compliance with all applicable procedures, California EPA regulations, and laws.
 - ◇ Assisting Startup, Operations and Construction, Perform Tagging Authority duties for lock & tag, and other safety related activities.
 - ◇ Performing flushing of system piping and components to meet vendor requirements for operational readiness.

Fluor Fernald Department of Energy (DOE) Project, 7400 Willey Road, Hamilton, OH – 11/02 to 03/05 - under contract.

- OPERATIONS SHIFT SUPERVISOR
- **Duties** - Facilitate shift turnover meetings, safety meetings, required reading/procedure briefings, and emergency drills, ensuring compliance with all applicable rules for Department Of Energy and meeting the standards for Conduct of Operations.
 - ◇ Supervision of chemical operators in all activities involving the treatment of K-65 material from the Transfer Storage tanks to receipt tanks, through product mixers, to fill station operation, and shipping of filled containers.
 - ◇ Silos 1&2 Remediation Project for the retrieval stabilization in preparation to ship radioactive materials in compliance with Department Of Transportation rules and regulations, while developing and implementing requirements for a trained workforce on leading edge technology.
- OPERATIONS FIELD SUPERVISOR
- OPERATIONS FIELD ENGINEER
- ON THE JOB TRAINING INSTRUCTOR
- SENIOR TRAINING SPECIALIST

Power Industry Consultants, Marietta, GA – 9/02 to 11/02 - under contract.

- SENIOR TRAINING SPECIALIST
 - ◇ **Technical Writer** - Developed Operating procedures for Fossil Power Plants for Virginia Power. Review and incorporate subject matter expert comments for final product delivery.

Fluor Fernald Department of Energy (DOE) Project, 7400 Willey Road, Hamilton, OH – 9/99 to 8/02 - under contract.

- SENIOR TRAINING SPECIALIST
 - ◇ **Technical Writer** - Developed and implemented task specific training for site maintenance personnel.
 - ◇ **Classroom Training** - Instructed Chemical Operator Fundamental and Process Fundamental Training.
 - ◇ **Computer Based Training** – Proctored computer based training for the Waste Pits Remedial Action Project personnel.
 - ◇ **Control Room Operator Training** – Trained chemical operator; control room operator trainees on simulator, and on-the- job training from the control room. Administered training evaluation standards to complete control room operator training for final qualification.

Los Angeles Department Of Water And Power, Los Angeles, CA – 11/98 to 6/99 – under contract.

- PROGRAM MANAGER-GENERATION AND DISTRIBUTION DIVISIONS OF Y2K PROGRAM - responsible for overseeing the completion of the Assessment, Remediation planning and Implementation phases. Ensured consistency of document closure forms including the Master Facilities list close out documentation for Mission critical systems. Acted as liaison for both the Generation and Distribution Business Units.

Duke/Fluor Daniel, One Coliseum Centre, 2300 Yorkmont Road, Charlotte, NC - 02/97 to 08/98 - under contract

- TECHNICAL WRITER – Lead writer on task force for two 650MW Coal-Fired Units in Paiton, East Java, Indonesia in the development/editing of Operations and Maintenance lesson plans to support on-site classroom instruction.
- STARTUP TECHNICAL WRITER GROUP SUPERVISOR – Assisted in the review and development of Startup Commissioning Procedures, Plant Operation Procedures, Integrated Operating Procedures, Startup Manual, Administrative Procedures, and Alarm Responses to support the startup of activities for the Paiton Project.

Marshall Institute, 1800i Tillery Place, Raleigh, NC - 3/94 to 12/94 - Under contract

- TRAINING CONSULTANT – Facilitated DACUM panels to provide documentation and guidance in preparation for Job Analysis, Design, Development, and Implementation for structured job-specific training to include; Classroom and On-The-Job, supported by written assessments and hands-on skills demonstration.

ADDITIONAL EMPLOYMENT HISTORY

Fluor Daniel Corporation, 301 North Main, Greenville, SC - 3/92 to 3/94 - under contract

- TRAINING MANAGER

Department of Energy - Rocky Flats Plant, Golden, CO - 11/90 to 2/92 - under contract

- SENIOR TRAINING ANALYST

Fluor Daniel Corporation, 301 North Main, Greenville, SC - 7/88 to 11/90 - under contract

- OPERATIONS INSTRUCTOR

T&M Construction & Maintenance, Inc., Corp. Office, Anderson, SC - 7/87 to 7/88 – under contract

- MECHANICAL MAINTENANCE SUPERINTENDENT

Carolina Power and Light Co., Shearon Harris Nuclear Power Plant, New Hill, NC - 1/86 to 6/87 - under contract

- MECHANICAL INSTRUCTOR/DEVELOPER

South Carolina Electric and Gas Co., Virgil C. Summer Nuclear Station, Jenkinsville, SC - 11/85 to 12/85 - under contract

- TECHNICAL WRITER

Boston Edison Electric Plant, Pilgrim Nuclear Station, Plymouth, MA - 5/85 to 11/85 - under contract

- SENIOR MECHANICAL TECHNICIAN
- CERTIFIED LEVEL II MECHANICAL TECHNICIAN

Daniel International Const. Co., Wolf Creek Nuclear Project, Burlington, KA - 1/78 to 2/85

- STARTUP/TEST SUPERVISOR