

Paul Terlizzi
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2024

Nuclear Unescorted Access: Diablo Canyon Power Plant

End Date: 11/17/23

Project Leadership, Supervisor, Instructor, Training Program Analyst

Seeking remote freelance or contract work related to Training Program Alignment, Fleet Qualification Standardization, Instruments and Controls, Valves Maintenance, Maintenance / Technical Training and/or General Employee Training

Skills and Experiences

Ability to work in a diverse team environment, to take ownership and make decisions based on conservative judgments

Nuclear plant work management process and critical path scheduling

Great communication skills, developing strong working relationships with craft and management

Ability to read, write and speak well; I can speak in public with confidence and clarity.

Skills in developing, aligning and standardizing training programs to conform to INPO accreditation standards and support fleet asset sharing

Expert in Data Base Management working with LMS, Vision, eSOMS, Asset Suite and MAXIMO

Skills and experience with MS Office products as well as Primavera P6, MS Project, Passport, NAMS, Asset Suite, SAP, Maximo, and Oracle. Also proficient in Instructional Material Development and the ADDIE SAT process using Success Factors (Plateau) LMS, Vision

INPO Accredited Certifications as both Nuclear Maintenance Instructor and Nuclear I&C Maintenance

Several years of experience as Manufacturing/Project Manager in the electronics manufacturing industry developing and producing digital control systems (DCS) hardware used for industrial controls

Training and experience in electronics, hydraulic and pneumatic controls as well as instructional presentation for maintenance and general employee training

Relevant Positions

Project Lead/Training Analyst

Grand Gulf Nuclear Station

8/17/20 –8/12/21

Contract Analyst for Entergy Grand Gulf Nuclear Station

Completed Maintenance and Technical Training Programs Alignment Project.

Conducted analysis and corrections to align the Training Program Description, Curricula documents and Vision database, and qualifications with the SAP SuccessFactors LMS.

Programs included; Chemistry, I&C, Electrical, Mechanical and Engineering.

Programs alignment passed accreditation review.

Completed several scope additions related to Analysis, Design and Development

I&C Instructor/Training Analyst**Duke Energy, Kings Mountain Support Facility****8/5/19 – 12/5/19**

Contract Analyst for Duke Energy at the Kings Mountain Facility.

Completed Maintenance Qualification Standardization Project.

Standardized Westinghouse 7300, SSPS, Rod Control, Cirrus Pro Incipient Fire Detection, Passive Fire Detection, Manipulator Crane, and Mechanical AOV.

I&C Maintenance Instructor**Beaver Valley Power Station****1/27/14 – 5/19/17**

Presented training in the classroom and laboratory for I&C initial and elective/advanced

Presented non-accredited in-processing training FME, New-to-Nuclear training

Developed lesson materials in various formats including two column lesson plan, Power Point lesson plan, document based instruction guide (DBIG), lab guide, and OJT/TPE

Produced of training work control packages

Developed and administered tests maintaining exam security to nuclear standards

Conducted On-the-Job-Training (OJT)

Turkey Point Nuclear Plant**12/4/10 – 2/22/13**

Transitioned the Turkey Point I&C qualification structure to Fleet Maintenance Initial Training (FMIT) to enable easier resource sharing by making qualifications standard between the FPL nuclear sites

Provided a comparative evaluation of the FMIT to ensure compliance with INPO ACAD 92-008 and the local SAT/ADDIE process

Developed lesson materials in various formats including two column lesson plan, Power Point lesson plan, document based instruction guide (DBIG), lab guide, and OJT/TPE

Produced of training work control packages

Presented training in the classroom and laboratory for I&C initial and elective/advanced

Presented non-accredited in-processing training FME, New-to-Nuclear training

Developed and administered tests maintaining exam security to nuclear standards

Conducted On-the-Job-Training (OJT) and Task Performance Evaluation (TPE)

Provided oversight and observation for contractor TPE qualification for AOV tester

Performed Needs Analysis participated in Root Cause Analysis teams

Performed Learning Management System (LMS) data base administration

Improved My LMS Check Performance which made it easier to look up qualifications

Performed behavior based observations and documented in the FMS Observation System

Provided Human Performance Tool use training

Presented SCBA use training

Turkey Point Nuclear Plant (SME Presenter)

01/8/10 – 12/3/10

Presented training in the classroom and laboratory for I&C initial and elective/advanced
Administered tests maintaining exam security to nuclear standards
Conducted On-the-Job-Training (OJT) and Task Performance Evaluation (TPE)
Trained and assisted in training Apprentice on Calibrations of Transmitters, Positioners, AOV, SOV, Temperature Sensors, Control Loops, Pneumatic & Electronic, Gauges, Switches, PID Controllers, Guided Wave Radar

Other Relevant Positions

Outage Maintenance Supervisor

Performed Outage Management Oversight of Contract Air Operated Valve (AOV) Team during refueling and extended power uprate (EPU) outages
Assisted contract supervisors with parts identification and procedural compliance issues related to Work Task Description errors and provided direction for corrections using Asset Suite
Assisted contract supervisors with look-ahead process related to plant work management process
Provided technical assistance to valve team members with technical problems related to the disassembly, assembly, calibration and testing of air operated valves
Performed Outage Clearance Coordinator duties using eSOMS
Performed clearance verification by document review and walk-down

Manufacturing Production Manager

Production Management of digital controls computer manufacturing
Participated in Project Management decisions for product development and marketing
Planned and Scheduled materials and manpower
Operated within budget
Created the database and implemented MRPII System (Manufacturing Resources Planning)
Supervised the procurement process
Provided technical instruction to subordinates
Implemented and enforced management decisions and policies
Developed and trained SMT and through-hole mixed technology line
Developed and trained Quality Assurance Program
Developed and trained Return Materials Authorization Process
Reported directly to President
Determined stocking levels and purchasing amounts
Balanced lead times to minimum inventory on hand requirements
Coordinated delivery schedule with customers

Computer Programs Proficiency

MS Win 7 & 10, MS Office (Word, Excel, Power Point, Outlook, Project)
Maximo, Asset Suite, eSOMS, Primavera P6, Action Way, EDMS, MRPII,
SAP Success Factors (Plateau) LMS, Vision,
Oracle, Dewetron, Yokogawa, EmpCenter, Viper 20, Python programming (Intermediate Level)

WORK HISTORY

Diablo Canyon Nuclear Plant 09/11/23 – 11/17/23	Contract I&C Technician	PG&E
Susquehanna Nuclear 3/6/23 – 4/9/23	Outage Valve Supervisor	BHI Energy Services
DC Cook Nuclear 9/26/22 – 11/6/22	Contract I&C Tech	Sun Technical – BHI
Grand Gulf Nuclear 8/17/20 – 12/12/21	I&C Tech with the In-House I&C shop Project Lead, Maintenance and Technical Training Program Alignment Project	Planet Forward
Turkey Point Nuclear 3/21/20 – 4/2/20	AOV Tester	BHI Energy Services
Port St. Lucie Nuclear 2/17/20 – 3/5/20	I&C Supervisor	FPL
Kings Mountain Support Facility Duke Energy 8/5/19 – 12/5/19	Analyst, Maintenance Qualification Standardization Project, I&C	Planet Forward / Accelerant Tech.
Watts Bar Nuclear Station 4/2/19 – 5/2/19	Outage AOV, MOV, Valve Supervisor	BHI Energy Services
Vogtle Nuclear Station 1 & 2 3/4/19 – 3/20/19	Outage AOV, MOV, Valve Supervisor	BHI Energy Services
Willow Island Hydroelectric Plant 8/1/17 – 2/24/19	Operations & Maintenance Supervisor	Am. Municipal Power
Beaver Valley Nuclear Plant 8/1/16 – 5/19/17	Contract Sr. I&C Instructor/ I&C Sup.	The Westwind Group
Beaver Valley Nuclear Plant 1/27/14 – 7/31/16	Contract I&C Instructor/AOV Supervisor	J. Givoo
Robinson / Harris Nuclear Plant 9/9/13 – 12/5/13	Contract Electrical/I&C Supervisor /Tech	AMES Group, LLC
Port St. Lucie Nuclear Plant 6/12/13 – 7/25/13	Contract I&C Technician	AMES Group, LLC
DC Cook Nuclear Plant 3/20/13 – 4/26/13	Contract AOV/I&C Technician	Crane Nuclear
Turkey Point Nuclear Plant 12/4/10 – 2/22/13	I&C Instructor/AOV Oversight/ECO Coord.	FPL – In-House
Turkey Point Nuclear Plant 01/02/08 - 12/3/10	I&C / AOV Technician	FPL – In-House
Braidwood Nuclear Station 10/1/07 – 10/22/07	Contract Electronics Technician	PCI / Westinghouse
Turkey Point Nuclear Plant 08/26/07 – 9/27/07	Contract AOV Technician	DZ Atlantic
Perry Nuclear Power Plant 03/27/07– 05/07/07	Contract I&C Technician	PKMJ
Diablo Canyon Nuclear Plant 03/28/06 – 5/20/06	Contract I&C Technician	PG&E
ADC Cylinder April2002-Dec2007	Entrepreneur / Scuba Instructor	Atascadero, CA
R.L.C. Enterprises, Inc. Oct1987-April2002	Manufacturing Production Manager	Paso Robles, CA
U.S. Navy Jul1975-July1986	Aviation Electronics & Hydraulics	Various Locations

Education

Associate of Arts, General Studies Cuesta College, San Luis Obispo, CA GPA 3.344

Technical Training

Nuclear Training

Nuclear Instrument & Control Technician	52 Weeks	Grade=94.3
Nuclear Maintenance Instructor	4 Weeks	Grade=97.5

U.S. Navy Training

Hydraulic Controls Related

Aviation Fundamentals	1 Week	Grade=100
Hydraulic Controls "A1"	7 Weeks	Grade=87.2
C-2a Hydraulic Systems Familiarization	1 Week	Grade=96
C-2a Airframes & Hydraulics Controls	4 Weeks	Grade=91.2

Electronics Related

BE&E Basic Electronics	3 Weeks	Grade=100
Avionics Class "A"	13 Weeks	Grade=100
Advanced Avionics	20 Weeks	Grade=85
P3CU1 WST/IFT	24 Weeks	Grade=93

Total Technical Training 2.5 Years

Certifications

INPO Certified Nuclear I&C Instructor	Turkey Point Nuclear Academy
INPO Certified Nuclear I&C Technician	Turkey Point Nuclear Academy
Advanced Electronics Field Technician	U.S. Navy
Airframes Hydraulic Controls Technician	U.S. Navy

CONTINUING TRAINING

Online Learning Consortium	Online Instructor Essentials I, II, & III
NYUx	Computer Fund – Python, Network & Hardware
Crane Nuclear	AOV Advanced Signature Analysis – Viper 20
Crane Nuclear	AOV Data Acquisition and Analysis – Viper 20
Ten Six Consulting	Primavera P6
Emerson	FieldView
Westinghouse	Excore Nuclear Instrumentation
Crane Nuclear	AOV I&C Diagnostics
Paul-Monroe Hydraulics	Basic Hydraulic Controls
MOUS	Microsoft Excel
DBA Software	Manufacturing Resource Planning (MRP II) Admin
Certified Training Corporation	49CFR Hydrostatic Cylinder Testing (NDE)
Tabata USA, Corp	Breathing Air Regulator Service Tech
Submersible Systems, Inc.	Breathing Air Regulator Service Tech
Emergency First Response	CPR / First Aid Instructor

REFERENCES & DOCUMENTATION (Available on request)