ASSOCIATE RESUME

SUMMARY

Over 25 years of operations, engineering, maintenance, project management, and quality oversight experience. BS in Electrical Engineering (Power). Licensed Senior Reactor Operator and Shift Technical Advisor for 8½ years. Expertise in power generation, especially nuclear, steam, and electric; root cause analysis; process improvement; corrective actions; Indus PassPort action tracking versions 6.1.2 & 8.0; and Brio, 6.0. Experienced with program flowcharting; Fortran IV, Basic and SQL programming; use of Microsoft Office (Word, Excel, PowerPoint, Access) and Microsoft Project; and focus and easyflow mainframe applications.

AREAS OF EXPERTISE

- ANALYSIS
- COMMUNICATIONS
- COORDINATING
- DETAIL
- PROBLEM SOLVING
- DEVELOPING
- IMPLEMENTING
- MOTIVATING OTHERS
- PLANNING
- PRODUCING

SELECTED RESPONSIBILITIES AND ACHIEVEMENTS

- During the Davis-Besse NRC enforcement plant shutdown, identified an apparent technical specification violation overlooked by two site root cause reviews and the NRC augmented inspection. Demonstrated that Engineering Program Compliance Reviews were conducted in a rigorous and probing manner and increased site review team credibility.
- Assisted Power Uprate Team on review and comment consolidation of the Licensing Report because it was behind schedule. Eliminated the backlog within 2 weeks and despite this being the largest, most comprehensive PWR power uprate submittal to the Nuclear Regulatory Commission, contributed to the project improving on the original schedule by 6 weeks, and beating the accelerated schedule by 10 days.
- Led a joint Nuclear Oversight and Engineering component cooling system design basis conformance review (mini-SSFI) on short notice. Assembled and led a diverse inspection team from scarce resources, managed identification and resolution of 70 issues, demonstrated system capability of performing its design functions, and increased credibility with site NRC inspectors.
- Analyzed turbine/generator over speed failure. Identified an additional root cause and developed 15 additional recommendations. Praised for excellence by the U.S. Nuclear Regulatory Commission (NRC) and contributed to the non-assessment of civil penalties.
- Decreased department Specification Status Report generation time from 16 to 3 hours. Analyzed process for gathering report data and consolidated specification status into the routine routing process. Improved status report accuracy and saved 21 man-hours per week.
- A schedule was needed to replace each vital instrument inverter. Solved the conflicting requirements of six diverse groups and developed schedules to support overall outage schedule. Accomplished replacements ahead of schedule with no unplanned power failures or procedure errors.

SELECTED RESPONSIBILITIES AND ACHIEVEMENTS (Continued)

- Participated as one of four management representatives during IBEW contract negotiations. Formulated and presented proposals. Gained union acceptance, recovered lost management prerogatives and improved daily operations.
- Superheater failures had been causing boiler shutdowns. Identified and corrected chemical control issues and eliminated the oxygen in leakage causing the problem. Improved boiler operation, reduced maintenance requirements, increased operational safety and decreased costs by $2,000 per month.
- Led an electrical distribution system functional inspection (EDSFI) in preparation for a NRC inspection. Led inspection team, managed issue identification and resolution, and avoided cited violations during the NRC inspection.
- Developed, installed and supervised a work control center portion of the new planning and scheduling process. Received Institute of Nuclear Power Operations (INPO) praise that the center was a strength and good finding, and increased company image when the center was held as an industry example.
- Restructured the fuel oil purchase and delivery contract to effect a $250 thousand per year saving.
- As a shift outage manager, developed various department representatives into a cohesive team that supported each other. Increased group credibility and output.
- Substantially decreased liquid waste volume and processing costs through equipment maintenance, aggressive leak identification and management of waste water.
- Performed a common cause analysis of refueling outage delays and identified 14 key components responsible for 85% of delays.
- Developed the methodology to perform manual (pre-ORAM) risk assessment of outage schedules. Assessment suggestions were accepted and incorporated by the outage organization. Was cited for excellence by the NRC.
- Developed and implemented feed water heater leak testing procedures, resulting in a 50% reduction in the time to identify and repair such leaks.
- Assumed management of the Salem Unit 2 Spent Fuel Pool Re-rack project installation, after assisting the Unit 1 project. Unit 2 total accumulated dose was less than half that of Unit 1. Project completed on time.
- Maintained coal inventory during a long miner's strike with no impact on plant operation and negligible cost.
- Rebuilt a boiler gas passage with a green crew in one-half the usual time, saving 725 man-hours.

PROFESSIONAL EXPERIENCE

ENERCON SERVICES, INC., TULSA, OK
Principal Engineer (Engineering Program Compliance), Davis-Besse Station 2002

EXELON, GENERATION, 4300 WINFIELD ROAD, WARRENVILLE, IL 60555
Corporate Corrective Action Program (CAP) Manager (AT Version 8.0 Implementation) 2000-2001
Site Corrective Action Program (CAP) Manager, Byron Station 1998-2000
Independent Safety Engineering Group (ISEG) Engineer, Byron Station 1997-1998

PROFESSIONAL EXPERIENCE (Continued)

PUBLIC SERVICE ELECTRIC & GAS CO., RAYMOND BLVD, NEWARK, NJ

Project Manager (Engineering Project Management & Installation), Salem Station	1994-1996
Independent Safety Engineering Group (ISEG) Supervising Engineer (Onsite Safety Review Engineer), Salem Station	1991-1994
Quality Assurance/Quality Control Supervising Engineer (Principal Engineer), Salem Station	1989-1991
Operations Staff Supervising Engineer (Sr. Staff Engineer), Salem Station	1984-1989
Nuclear Operating Shift Supervisor & Technical Advisor, Salem Station	1981-1984

CITY OF VINELAND ELECTRIC UTILITY, VINELAND, NJ

Generating Station Manager (Assistant Manager), Howard M. Down Station	1980-1981

PUBLIC SERVICE ELECTRIC & GAS CO.

Lead Engineer (Interim Shift Technical Advisor (ISTA)), Salem Station	1980
Lead Engineer (Asst. Operating Shift Supervisor & Unit 2 Startup Electrical Test Engineer), Salem Station	1978-1980
Maintenance Supervisor, Sewaren Station	1977-1978
Plant Engineer (Associate Engineer/Engineer), Sewaren Station	1977

U.S. GOVERNMENT DEFENSE LOGISTICS AGENCY, 20th and Johnston Streets, PHILADELPHIA, PA

Electrical Engineer, Directorate of Medical Materiel Technical Services, Standards	1975-1977

CO-OPERATIVE EDUCATION, PHILADELPHIA ELECTRIC CO., PHILADELPHIA, PA

Assistant Test Engineer (Co-op Student), Southwark Station	1973-1974
Assistant Tester (Co-op Student), Transmission & Distribution	1972-1973
Voltage Investigator (Co-op Student), Transmission & Distribution	1971-1972

EDUCATION

B.S., Electrical Engineering (Power), DREXEL UNIVERSITY, PHILADELPHIA, PA	1975
Additional Professional Training - 5,016 hours - Various Sources, Various Topics	1977-2001

PROFESSIONAL AFFILIATIONS / LICENSES / CERTIFICATIONS

Institute of Electrical and Electronics Engineers (IEEE) Member
PA Board of Professional Engineers Engineer-in-Training (EIT)
Project Management Institute (PMI) Member - previous
Root Cause Analyst and Investigative Interviewer - (Elsea & Conger)
U.S. NRC Senior Reactor Operator (SRO) License - previous
Shift Technical Advisor (STA), Salem Unit 1 & 2 - previous
Interim Shift Technical Advisor (ISTA), Westinghouse NSD - previous
QA Auditor – ComEd and PSE&G
Engineer-Grade C - NJ Mechanical Inspection Bureau - previous
QA Level II Tester IAW ANSI N45.2.6 – Salem 2 - previous