
Profile

Mechanical Engineer with 7+plus years of Nuclear engineering experience. Bachelor's and Master's in Mechanical Engineering. Recently engaging in leadership roles and looking to be an industry leader. Supervisor Assessment successful and Leadership classes/forums attended. Bilingual and CPR certified.

Education

University of South Florida, Tampa, FL

Master of Science in Mechanical Engineering May 5, 2012 (GPA 3.73)

Bachelor of Science in Mechanical Engineering December 12, 2009
Minor in Mathematics

Newsome High School, Tampa, FL May 2005

High School Diploma

Certification(s): 30 HR OSHA course in Construction safety
30 HR OSHA course in Occupational Safety

Experience

Southern Company (Nuclear-Plant Farley) August 2017 -Present

CMO Engineer Present

Oversee the Preventive Maintenance for the plant. Single Point Vulnerability Program Owner. Snubber Program

Operations October 2019- March 2020

Worked the Operations department in the control room. Shadow various crews and went through pre-systems class. Also went through part of GFES.

Valve Engineer August 2017 – September 2019

Air Operated and Motor Operated Valve program owner. Oversee valve troubleshooting, diagnostic testing, Operability determinations, risk assessments, technical document preparation and evaluation, optimization Evaluation for components, design change support and cross departmental support. This includes outage Support by strategic planning of resources and crew, ensuring no PQNs violations or union issues. Supervisory Assessment and Leadership class taken to in 2019 for future supervisory role.

Xcel Energy (Nuclear-Prairie Island)

Valve Engineer June 2014-August 2017

Support valve Programs at PI by supporting maintenance, testing of valves, procedure enhancements, Condition reports, evaluation, outage scope planning/activities, program assessments, calculations, Interface with other systems/programs, regulation/code compliance.

Florida Power & Light (Nuclear-Turkey Point Plant) Associate Engineer August 2012-May 2014

Oversee the Air Operated Valve Program in plant by supporting maintenance, testing of valves, procedure enhancements, condition reports, project planning, outage scope activities, program assessments, documentation control, calculations, evaluations, interfacing with other system/programs. Insure activities involving program are in compliance with plant/corporate/government regulations. Also successfully completed an intensive 4 month nuclear training program.

Key Skills

Software/Computer Skills:

- *Word*
- *Excel*
- *PowerPoint*
- *AutoCAD*
- *Solid works*
- *SimaPro*
- *MathCAD*
- *Teledyne Diagnostic Software*
- *Seal Pro*
- *CRANE VIPER*

Additional Certifications:

- *30 HR Design Basis Course Certification for Motor Operated Valves*
- *Diagnostic Training Certification for Air Operated Valves (Teledyne)*
- *Diagnostic Training Certification for Motor Operated Valves (Teledyne)*
- *Systems Training for Nuclear Engineers Personnel (Turkey Point)*
- *Systems Training for Nuclear Engineers Personnel (Prairie Island-Pending)*
- *Limitorque Actuator and Maintenance Training (CRANE Nuclear)*

Membership Activities:

- *Vice Chairman of the AUG (Air Operated Valve User's Group)*
- *MUG Steering committee member (Motor Operated Valve User's Group)*

Other Skills:

- *Bilingual*
- *Research Oriented*
- *Ability to lead projects/tasks*
- *Equipment Apparent Causes (failure investigations)*
- *CPR certified*
- *Steering Committee Awards for years of service*
- *Leadership Assessment and Classes in 2019 for supervisory Role*