

# CRANE NUCLEAR Position Description

## **Position Title**

MOV (Motor Operated Valve) Field Service Technician / Field Service Engineer in Training

## **Starting**

September 2024 to work spring and fall nuclear outage seasons

## **Reports To**

MOV Actuator Supervisor, Diagnostic Testing Supervisor

## **Description**

Perform all duties safely and work in accordance with customer or CRANE procedures

Will immediately be trained to: Visually identify each type of Limatorque Actuator, the design and use differences; perform all required preventative maintenance on Limatorque Actuators; perform disassembly, inspection, repair, adjustments, lubrication and reassembly of Limatorque Actuators (model SMB 000 – 4); perform initial trouble shooting of both mechanical and electrical problems on malfunctioning actuators. As well trained to demonstrate the proper installation and removal of the system components and sensors; successfully setup VOTES Infinity diagnostic software and acquire data for a typical MOV diagnostic test; understand and identify key events taking place during the MOV test and perform limit and torque switch adjustments.

After proficiently working in the above areas, secondary training will include: ability to demonstrate manual analysis and VOTES Infinity Auto Marking capability; demonstrating a working knowledge of all the special analysis tools available in VOTES Infinity, understand the traces that are automatically calculated by the software and the methods used in their calculations, perform analysis of differential pressure traces and identify various degradations in MOV traces and corresponding actions to correct.

## **Required Experience and/or Education**

- High School Diploma or GED.
- One year mechanical / electrical maintenance and repair experience AND/OR technical degree in relatable program.
- Ability to read blueprints.
- Must have a strong commitment to meeting customer requirements and continuous improvement.
- Must be able to work in teams while effectively communicating.
- Meet current certification and qualification requirements per CRANE Nuclear QAP-2.0:

## **Physical Requirements**

- Willing to work 12-hour rotating shifts, up to 72 hours per week.
- Ability to travel and be away from home for several weeks up to several months; must be able to travel and support all domestic projects.
- Must be able to lift 50lbs without assistance.
- Must be able to stand or walk for extended periods (4-6 hours at a time), crawl, stoop, crouch and work overhead with flexibility and full range of motion.
- Ability to work in clean, safe, and orderly manner.
- Ability to work in conditions where there is exposure to radiation.
- Ability to climb, balance, and work at heights from platforms, scaffolding, and ladders (fixed or temporary).

- Ability to distinguish depth perception and colors.
- Ability to work with handheld tools and/or power operated specialized tooling efficiently.
- Ability to wear fall-protection.
- Ability to work in extreme heat (greater than 100 degrees F) and within OSHA guidelines.
- Ability to work in confined spaces.
- Ability to wear a full face respirator and anti-contamination clothing from head to toe.

#### **Other Requirements**

- Must be able to gain unescorted access to a nuclear plant via extensive site background investigation.
- Must be able to pass drug and alcohol testing.
- Must be able to pass all required computer-based training, classes and written exams for unescorted access.
- Able to provide work authorization documents for employment in the United States.

#### **Salary & Benefit Information**

- \$27/hr (up to 32 hours of overtime per week during actual field work).
- Eligible for field pay adders of \$4 - \$8 per hour based on position.
- Per diem while working (averages \$125/day, depending on location) Must be greater than 60 miles from residence.
- Eligible for \$500 mobilization and demobilization rates to help get to and from job sites. Must be greater than 100 miles from residence.
- Will be furloughed during off season (summer/winter)
- Will maintain health benefits year round (if participating).

Crane Valve Services is committed to extending equal opportunity to all persons without regard to race, color, national origin, sex, sexual orientation, religion, age, disability or veteran status.

**Please send all resumes to Suzanne Young at [syoung@cranevs.com](mailto:syoung@cranevs.com) for consideration.**