What You Will Do

The successful candidate will be expected to perform the following duties of this position in the areas of electrical, instrumentation and control, mechanical, structural/civil, or fire protection engineering.

- Supporting configuration management
- Defining and controlling system modification
- Implementing the authorization basis
- Maintaining the technical baseline
- Monitoring, tracking, and trending of major systems
- Defining maintenance requirements
- Troubleshooting
- Performing root cause analysis
- Preparing corrective maintenance instructions for complex or critical operations
- Performing engineered equivalency analysis
- Providing field implementation of the LANL Conduct of Engineering (COE) Program

What You Need

Minimum Job Requirements:

- Demonstrated experience in design engineering or system engineering for nuclear or industrial facility operations
- Demonstrated experience with industry codes and standards
- Demonstrated experience in engineering including design, commissioning, troubleshooting, and technical baseline maintenance
- Demonstrated experience with modification definition and control
- Demonstrated ability to communicate well (verbal and written)

Desired Skills:

- Demonstrated knowledge of DOE standards applicable to facility design, operation, and maintenance
- One year of experience in a nuclear facility

Education Required: Bachelor of Science in engineering from ABET accredited college/university and a minimum 5 years of related experience.

Where You Will Work

Located in northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. LANL enhances national security by ensuring the safety and reliability of the U.S. nuclear stockpile, developing technologies to reduce threats from weapons of mass destruction, and solving problems related to energy, environment, infrastructure, health, and global security concerns.

Located in northern New Mexico, Los Alamos National Laboratory (LANL) is primarily responsible for monitoring the safety and reliability of the U.S. nuclear stockpile and conducting research into new defense programs. It is a center for research in a wide range of scientific disciplines, including space exploration, geophysics, renewable energy, supercomputing, medicine, and...
Engineering Services (ES) Division of LANL develops, maintains, and applies a diverse set of engineering capabilities to provide innovative engineering solutions that enable the Laboratory’s scientific and national security mission. The Cognizant System Engineer (CSE) position within ES Division is assigned to the Facility System Engineering & Management (ES-FE) Group responsible for plant engineering services and the Conduct of Engineering (COE) program implementation at LANL. The COE program elements including processes, standards, training, and qualification are generally applicable throughout the life cycle of a facility. They exist to effectively manage risks and satisfy customer requirements, needs, and expectations in a safe, secure, cost effective, and environmentally responsible manner.

Join LANL's best and brightest and become part of the team that provides the environment to deliver system solutions for our country's national security, now and in the future.

**Additional Details:**

**Clearance:** Q (Position will be cleared to this level). Applicants selected will be subject to a Federal background investigation and must meet eligibility requirements* for access to classified matter.

*Eligibility requirements: To obtain a clearance, an individual must be at least 18 years of age; U.S. citizenship is required except in very limited circumstances. See DOE Order 472.2 for additional information.

**New-Employment Drug Test:** The Laboratory requires successful applicants to complete a new-employment drug test and maintains a substance abuse policy that includes random drug testing.

**Regular position:** Term status Laboratory employees applying for regular-status positions are converted to regular status.

**Internal Applicants:** Please refer to Laboratory policy P701 for applicant eligibility.

**Equal Opportunity:** Los Alamos National Laboratory is an equal opportunity employer and supports a diverse and inclusive workforce. All employment practices are based on qualification and merit, without regards to race, color, national origin, ancestry, religion, age, sex, gender identity, sexual orientation or preference, marital status or spousal affiliation, physical or mental disability, medical conditions, pregnancy, status as a protected veteran, genetic information, or citizenship within the limits imposed by federal laws and regulations. The Laboratory is also committed to making our workplace accessible to individuals with disabilities and will provide reasonable accommodations, upon request, for individuals to participate in the application and hiring process. To request such an accommodation, please send an email to applyhelp@lanl.gov or call 1-505-665-4444 option 1.