COVID Vaccine Mandate for Los Alamos National Laboratory

The COVID vaccine is mandatory for all Laboratory teleworking and on-site employees, postdocs, students, and on-site contractors and subcontractors, unless granted an accommodation under applicable state or federal law.

What You Will Do

This position will be filled at either the Nuclear Facility Engineer 1 or 2 level, depending on the skills of the selected candidate. Additional job responsibilities (outlined below) will be assigned if the candidate is hired at the higher level.

Within this job, the successful candidate will have to opportunity to support the Laboratory's mission by performing total fire protection reviews for a LANL facilities including sprinkler design, fire alarm design and passive fire protection design from the AHJ approver role. Fire Protection Engineers will work on dynamic teams to complete collaborative full system design review solutions through mentoring, calculations, and leadership to meet the needs of a diverse customer base. Come join a supporting and cohesive team dedicated to the success of our team members.

Nuclear Facility Engineer Level 1 ($87,200-$142,500)

Nuclear Facility Engineers (Fire Protection Engineers) 1 will work with...
Nuclear Facilities Engineer (Fire Protection Engineer) 1 will work with nuclear and non-nuclear facility systems and accepted methods for mitigation of risk from fire. The successful candidate will be expected to perform the following duties of this position, but are not necessarily limited to on-site fire protection system evaluations, analyze life safety requirements for new and existing buildings, including building code compliance, occupancy determination, occupant load calculations, and egress analysis. This is an entry level position where the candidate will gain experience and education toward becoming a qualified FPE under DOE qualification requirements.

Nuclear Facility Engineer Level 2 ($96,100-$159,000)

In addition to what was outlined at the lower level, at this level Nuclear Facilities Engineer (Fire Protection Engineer) 2 will work with nuclear and non-nuclear facility systems and accepted methods for mitigation of risk from fire. The successful candidate will be expected to perform the following duties of this position, but are not necessarily limited to prevent and/or reduce fire consequences, reduce loss of life and property impacts of fire by applied engineering fundamentals, research, fire hazard analyses, detection and suppression of fires. Advanced knowledge of public and industrial fire department organizations, and must be familiar with industry technical codes, standards, and practices to ensure DOE liabilities are protected from inherent risks of fire.

What You Need

Minimum Job Requirements:

- Knowledge of nuclear facility engineering in one or more of the following, nuclear criticality safety analysis, safety basis, system engineer, project engineer, or design engineer.
- Knowledge of nuclear facility engineering work planning and control methods.
- Knowledge of new and existing non-reactor facility structural engineering systems and calculations, applications of engineering methods, and application of computer-aided engineering tools to solve operations-based engineering problems. Ability to apply standard and specialized engineering and scientific, principles, theories, concepts, and techniques to contribute to risk and hazard
Position requires a bachelor's degree in Engineering from an ABET-accredited college or university and 0 to 2 years of practical work experience necessary to perform the responsibilities outlined above. A Degree in Fire Protection Engineering is highly desired.

This position may be subject to DOE Order 426.2, Personnel Selection, Training, and Qualification Requirements for DOE Nuclear Facilities. This DOE Order establishes entry-level requirements to ensure employees in the positions can successfully perform the requirements of the job. DOE 426.2 requires a BS degree, 2 years job related experience and 1 year non-reactor nuclear experience for technical support personnel who perform work independently at nuclear facilities. The Engineer 1 position would be expected to be able to obtain the nuclear experience on the job if they do not have it upon hire before becoming fully-qualified.

Additional Job Requirements for higher level 2:

- Must have proven technical knowledge of risk assessment methodologies, as well as experience in performing, applying, and reviewing fire hazard analysis.
- Experience performing fire hazard analysis, knowledge of applicable DOE Standards and DOE Orders, and experience in working with these Standards and Orders
- Experience managing risk assessment tasks and writing fire protection documents

Education/Experience at lower level 1:

Position requires a bachelor's degree in Engineering from an ABET-accredited college or university and 0 to 2 years of practical work experience necessary to perform the responsibilities outlined above. A Degree in Fire Protection Engineering is highly desired.
Position requires a bachelor's degree in Engineering from an ABET-accredited college or university and a minimum of 3 years of practical work experience necessary to perform the responsibilities outlined above. Advanced engineering or technical degree or a degree in Fire Protection Engineering is highly desired.

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Training/Certifications: Current registration as a Professional Engineer (PE) is highly desirable.

Desired Qualifications:

- Working knowledge of industry, regulatory, or Department of Energy/National Nuclear Security Administration (DOE/NNSA) codes, standards, and criteria pertinent to the particular engineering discipline.
- Working knowledge of project and process engineering practices.
- Sound knowledge of Engineering principles and procedures, design guides, appropriate standards, and appropriate standards.
- Experience working with administering Fire Protection Programs and/or AHJ activities related to fire protection.

Work Schedule: N/A

Location: This position will be located in Los Alamos, NM.

COVID Vaccine:
The COVID vaccine is mandatory for all Laboratory employees, on-site contractors, and on-site subcontractors unless granted an accommodation under applicable state or federal law. This requirement will apply to those working on-site, those teleworking, and all new hires.

**Position commitment:**

Regular appointment employees are required to serve a period of continuous service in their current position in order to be eligible to apply for posted jobs throughout the Laboratory. If an employee has not served the time required, they may only apply for Laboratory jobs with the documented approval of their Division Leader. The position commitment for this position is 1 year.

**Where You Will Work**

Located in beautiful northern New Mexico, Los Alamos National Laboratory (LANL) is a multidisciplinary research institution engaged in strategic science on behalf of national security. Our generous benefits package includes:

- PPO or High Deductible medical insurance with the same large nationwide network
- Dental and vision insurance
- Free basic life and disability insurance
- Paid maternity and parental leave
- Award-winning 401(k) (6% matching plus 3.5% annually)
- Learning opportunities and tuition assistance
- Flexible schedules and time off (paid sick, vacation, and holidays)
- Onsite gyms and wellness programs
- Extensive relocation packages (outside a 50 mile radius)

**Additional Details**

**Directive 206.2** - Employment with Triad requires a favorable decision by NNSA indicating employee is suitable under NNSA Supplemental Directive 206.2. Please note that this requirement applies only to citizens of the United States. Foreign nationals are subject to a similar requirement under DOE Order 142.3A.

**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. This position requires a Q clearance which requires US Citizenship except in extremely rare circumstances. Dependent upon position, additional authorization to access nuclear weapons information may be required that may or may not be available to dual citizens depending upon the circumstances.

*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.

426.2: This position is subject to DOE Order 426.2, Personnel Selection, Training, and Qualification Requirements for DOE Nuclear Facilities, which establishes entry-level requirements to ensure candidates selected for specific positions can successfully perform the requirements of the job.

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: Regular appointment employees who have served the required period of continuous service in their current position are eligible to apply for posted jobs throughout the Laboratory. If an employee has not served the required period of continuous service, they may only apply for Laboratory jobs with the documented approval of their Division Leader. Please refer to Policy Policy P701 for applicant eligibility requirements.

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 regard 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.

Employment Status: Full Time

Los Alamos National Laboratory
P.O. Box 1663
Los Alamos, NM 87545
(505) 667-5061

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To request a disability accommodation, email applyhelp@lanl.gov or call (505) 665-4444, option 1.