Fire Protection Engineer

Please apply at: https://stp.dayforcehcm.com/CandidatePortal/en-US/ele

SUMMARY
Responsible for the development, implementation and administration of the site Fire Protection (FP) System/Program. Also responsible for providing technical support for the operation, testing, maintenance and design functions of the fire protection, fire detection and passive barrier systems.

EDUCATION
Bachelors Degree preferably in Engineering or Engineering Technology in Fire Protection Program of accepted standing.

EXPERIENCE
An advanced Degree in Engineering or Engineering Technology in Fire Protection Program of accepted standing is considered equivalent to 1 years of experience. Nuclear Operating Plant experience is strongly preferred.

Engineer I/Spec – No experience required.
Engineer II/Spec – 1 year of experience at a commercially operating nuclear plant.
Engineer III/Spec – 2 years of experience at a commercially operating nuclear plant.
Engineer IV/Spec – 3.5 years of experience at a commercially operating nuclear plant, 1 of which is in FP.
Senior Engineer/Specialist - 5 years of experience at a commercially operating nuclear plant, 3 of which are in FP.
Staff Engineer/Specialist - 8 years of experience at a commercially operating nuclear plant, 5 of which are in FP.

ESSENTIAL DUTIES & RESPONSIBILITIES
The personnel with each Job Title are capable of performing the duties and responsibilities of the lower Job Titles and may be requested to do so by the T/PE Supervisor or Manager.

Engineer I/Engineer II/Spec
• Obtain Job Performance Requirements (JPR) qualifications as required for Engineering Support Personnel (ESP)
• Implement assigned Fire Protection (FP) System/Program requirements
• Provide technical support for operations and maintenance personnel regarding FP System/Program.
• Review performance of FP systems and components and recommend changes regarding operation, maintenance, or testing.
Advocate system health with an emphasis on improving overall plant performance and reliability.
Conduct job duties and responsibilities within assigned budget.
Maintain department and station procedures and policies related to FP responsibilities.
Able to act in assigned position for Emergency Response Organization in accordance with the Station Emergency Plan (when required).
Accept outage position as needed.

Eng III/Eng IV/Sr/Staff/Spec
- Develop, maintain and implement Fire Protection System/Program requirements.
- Manage the interface with other departments and regulatory agencies by leading meetings and discussions to provide specific information and analysis to questions/problems.
- Prepare/manage schedule and budget activities on a project level.
- Prepare/review/approve engineering documentation (e.g.: calculations, specifications, analysis, drawings, evaluations, etc.).
- Review and evaluate industry documentation and event reports for relevant application to STP, and identify appropriate corrective actions.
- Prepare/review non-conforming component disposition. Evaluate the extent of the condition and its affect on the component's ability to perform the required design function, including complex issues.
- Provide Management level reports on specific tasks.
- Provide independent engineering support to Operations and Maintenance that requires field investigation, inspections, and solutions to problems.
- Prepare/review investigations to significant condition reports for apparent or root cause and generate recommendations for corrective actions.
- Perform duties of the Section Supervisor as delegated.

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