

# Fire Protection Engineer

**Please apply at:** <https://stp.dayforcehcm.com/CandidatePortal/en-US/stp>

## 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 year 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.

**Please apply at:** <https://stp.dayforcehcm.com/CandidatePortal/en-US/stp>