

Southern Nuclear Job Posting SNC2007038

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Fire Protection Engineer - Plant Hatch

Southern Nuclear Operating Company's Plant Hatch Engineering organization is seeking a high performing engineer with an analytical mindset and a desire to become an expert in programmatic and technical matters in the area of nuclear plant fire protection design. This position will be located at Southern Nuclear's Plant Hatch in Baxley, Georgia.

JOB DUTIES & RESPONSIBILITIES

- Provide code and program expertise. Ensure program compliance with codes, standards, and regulations.
- Prepare for NRC/INPO pre-operational inspections.
- Monitor the testing and performance of the fire protection detection and protection systems
- Review design/field changes for accuracy, program impact, and functional testing.
- Develop and improve Preventive Maintenance tasks based on corrective actions and monitoring, Operating Experience, and PM feedback.
- Develop and/or provide technical support in the development of surveillance testing, fire protection pre-plans, and impairment monitoring and reporting processes.
- Ensure appropriate training and guidance and appropriate reference materials are provided for station personnel who perform or review fire protection documents. Participate and assess fire drills and emergency response exercises.
- Review and respond to industry OE

General Engineering responsibilities:

- Plans, organizes and manages work to meet project schedules and changing priorities.
- Evaluates equipment failures and recommends appropriate course of action
- Evaluates design changes to plant equipment
- Evaluates, monitors and trends plant data for assigned area of work or system;
- Troubleshoots systems, performs predictive and root cause analysis, and determines and initiates corrective action
- Plans assigned phases of preventive, routine and special maintenance programs, and performs engineering evaluations of equipment needed for the operation of a safe and economical nuclear plant
- Provides guidance and training to other employees and contractors on technical issues within an assigned area of work or system

JOB REQUIREMENTS

Education Requirements:

BS in Engineering or PE license required

Experience Requirements:

- Minimum of four years in the engineering field preferred
- Three years of fire protection engineering work responsibilities preferred
- Nuclear power plant experience is preferred
- Membership in the Society of Fire Protection Engineers (SFPE) is highly desired,
- Participation in key industry groups such as the Nuclear Energy Institute (NEI), the Electric Power Research Institute (EPRI), National Fire Protection Association (NFPA) is desired
- Experience with NFPA 805 is preferred

Technical Requirements:

- Detailed knowledge of plant procedures and regulations in assigned area
- Detailed knowledge of plant systems and processes
- Working knowledge of computer software programs supporting assigned area

Other Requirements

- Selected candidate must live within one hour of the SNC Emergency Operations Facility for emergency response availability

Behavioral Attributes:

- Prioritizes work of self and others to ensure schedules are met; incorporates vendors/contractors and other employees into decision-making when necessary, acting in a lead role to ensure quality decisions are made; considers financial implications of decisions and actions to ensure cost are controlled; communicates well both in writing and orally.
- Holds self accountable for superior results; respects the dignity of every individual; assumes personal responsibility for individual and corporate success.

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