
NUCLEAR ENGINEER RESUME

Career Objective:

To allow me to use my years of skills as a Nuclear Engineer and to help increase the positive track record of the company.

Summary of Qualifications:

- Huge experience working in a nuclear energy in facility
- Wide knowledge in nuclear criticality, shielding, safety analysis, licensing, and complex thermal-hydraulic analysis
- Good understanding of integration of design basis, safety analysis and operations of nuclear plant systems
- Familiarity with NRC environmental protection and safety regulations
- Deep knowledge of nuclear safety and environmental review
- Expertise in managing private utilities and government facilities

Work Experience:

Nuclear Engineer, August 2005 – Present
Nuscale Power, Miami, FL

- Monitored nuclear energy systems, identified issues and conducted research.
- Developed nuclear equipments, and operated and tested nuclear reactors.
- Conducted nuclear research on various facts and modified utilization of nuclear energy in facility.
- Designed new concepts in thermo nuclear analysis in radioactive processes.
- Developed radiation shield, reactor cores and other nuclear equipments.
- Researched on fuel cycle of nuclear items and ensured its disposal according to regulations.
- Monitored all nuclear tests and ensured that materials used in facility were in accordance to specifications and regulations.
- Documented all technical reports, activities on plant and various inspections that were carried on equipments.

Nuclear Engineer, May 2000 – July 2005
FirstEnergy Corp, Miami, FL

- Investigated all incidents that occurred in plants, analyzed results and initiated necessary preventative measure actions.
- Monitored nuclear facility and ensured that process was carried in accordance to designs and safety regulations.
- Established various usage methods for nuclear materials, performed reclamation of nuclear fuels and suggested ways for their disposal.
- Developed and designed a varied range of nuclear equipments such as reactor cores and various control mechanisms.
- Managed plant in emergencies and performed corrective maintenance on equipment and shutdown of plant.
- Documented all reports to be used in plant such as handling of material and safe disposable of all nuclear material.
- Maintained activities and equipments in facility and ensured its accordance to safety standards.
- Prepared proposals and estimate cost for project and coordinated with vendors and client for project.

Education:

Bachelor's Degree in Chemical, Western Illinois University, Macomb, IL

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