Career Pathway Spotlight: Discover a Career as a Nuclear Power Plant Operator

Discover your career path in the energy industry. Learn where your interests will take you. Explore the meaningful work in which you can immerse yourself. Set your sites on what you can learn and the increasing responsibilities that can be yours. See how you will be challenged and what will you accomplish.

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Educational Opportunities for Advancement

AVERAGE EARNING POTENTIAL: $72,900-$121,600 PER YEAR*

- **NON-LICENSED OPERATOR**
  - 0-2 YEARS*
  - Government License
  - Experience in the position

- **REACTOR OPERATOR**
  - 3-6 YEARS*
  - Government License

- **SENIOR REACTOR OPERATOR**
  - 6-8 YEARS*
  - Government License

*Compensation averages should be used as a guide. There are numerous factors that impact actual compensation. These estimates do not include over-time, which can be a sizeable addition to base pay. Years of service and training recommendations should also be used as a guide. Company requirements vary.

Note: Some energy companies may require pre-employment testing. Please check the job requirements. These may include the EEI Pre-Employment Test or a Physical Abilities Test.
**STARTING OFF AS AN OPERATOR IN TRAINING:**

### What will you do?
- Provide assistance to plant operators by reading gauges, checking equipment
- Make work area safe
- Install and maintain equipment based on manufacturer’s specifications
- Read instrumentation schematics to diagnose circuit trouble
- Work toward becoming licensed operator as you advance, train and test in the operations areas

### What knowledge/skills/abilities will you need?
- Be able to quickly learn and retain information about the plant and systems
- Ability to work within a team
- Able to lift heavy equipment
- Listen and follow directions
- Be comfortable with heights
- Be able to work in noisy conditions
- Math skills including algebra, trigonometry and geometry
- Come to work on time and prepared
- Physical ability to climb stairs and ladders
- Apply knowledge obtained during training in the work environment
- Work with various types of test equipment, including multi-meters
- Work with various types of tools
- Read and follow detailed procedures
- Document work being done
- Communicate with control room and other departments

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**SENIOR REACTOR OPERATOR:**

### What will you do?
- Prepare and place systems and components in and out of service to support normal and off-normal system operations
- Conduct plant walk-downs and inspections
- Identify plant problems and generate trouble tickets
- Maintain operations logs, reports and records regarding equipment performance
- Take action required to address abnormal occurrences

### What knowledge/skills/abilities will you need?
- Knowledge about state and federal regulations, guidelines, controls and procedures to protect the public and plant workers
- Implement and maintain effective planning and operating practices to maximize efficient operation
- Supervise plant operations
- Direct and implement emergency operation procedures and event reporting
- Licensing will be required after training

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