



# Energizing Careers – Become a Nuclear Station Operator

## Description:

Nuclear Station Operators (NSO) is an entry level to career level position at a Nuclear Power Facility that are responsible for the safe and efficient operation of a nuclear reactor and its associated systems in order to generate the power used in our homes and businesses. NSOs will learn to and eventually independently perform routine maintenance and operations tests, logs, and readings. Nuclear operators work a unique shift schedule to support the plant's 24/7 operation. Explore the meaningful work that will enable you to be a part of powering the community we serve.

## Skills & Qualifications Required:

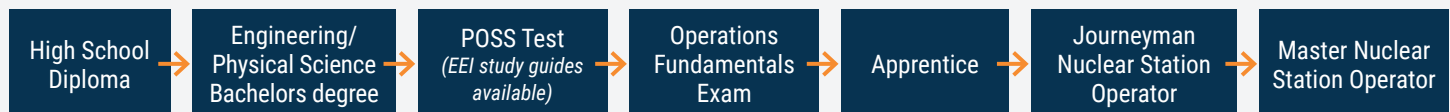
- Valid Driver's License
- Read and interpret documents.
- Write routine reports, procedures and correspondence.
- Speak effectively with coworkers.
- Read, analyze and interpret technical procedures, governmental regulations.
- Apply concepts of basic algebra.
- Use common sense understanding to carry out written, oral or diagram format instructions.
- Understand and work in an industrial area reading and interpreting measurement devices.
- Work in loud environments.

## Nuclear Operator Pathways

### START HERE



### START HERE



## Internships and Job Opportunities:

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# Becoming a Nuclear Station Operator

## Education Programs:

High School Diploma of Equivalent, Plant Operator Selective System aptitude test (POSS), mechanically inclined.

Programs that may increase your aptitude for the role:

- Flint Hills Technical College
- Southeast Community College, Nebraska
- Oklahoma State University Institute of Technology
- Naval Nuclear Operator experience

Plant Operator Selection System (POSS) test is required to ensure the NSO has the aptitude to be successful in their career in the power plant. The exam is designed by the Edison Electric Institute.

## Annual Salary:

- Operations Apprentice: **\$74,000–\$83,000** + overtime
- Journeyman NSO: **\$89,000–\$107,000** + overtime
- Master NSO: **\$130,000** + overtime

## Step 1: Operations Apprentice

### *What will you do?*

- Carry out the normal shift routine and ensure all tests, logs and readings are performed or taken as appropriate.
- Ensure all maintenance and operational activities are conducted in accordance with established safety procedures.
- Adhere to all plant operational, administrative and emergency procedures.
- Maintain general cleanliness of the assigned work area.
- Participate in the NSO Training program to obtain and maintain qualifications for all systems or tasks which the individual is or will be required to operate.
- Review all operating data in the assigned work area to assure safe operations.
- Effectively communicate plant related problems or events with representatives within Operations and from other departments.

- Serve as required by procedure for watch stations, fire brigade, safety tagger and Emergency Response Organization.
- Support the Operations department in areas such as corrective actions, procedure maintenance, and technical input for daily and outage work schedules.

## Step 2: Journeyman Nuclear Station Operator

### *What will you do?*

You'll perform the duties of the Operations Apprentice as well as:

- Work independently on each system for which qualification has been satisfactorily demonstrated and work on all other systems and equipment under the control of a qualified individual.
- Assist in the training and qualification of new personnel as required in areas of demonstrated expertise.
- Qualify and use building hoists, to support operations tasks.
- Support fuel handling, by operating fuel handling equipment, when opportunities arise from leadership.
- Perform Control Room administrative duties as required by the Shift Manager to batch records, create watch bills and execute other tasks as required by Control Room administrative instructions.

## Step 3: Master Nuclear Station Operator

### *What will you do?*

You'll perform the duties of the Journeyman NSO as well as:

- Work with Union Leadership and Management to provide positive or negative feedback on the development of apprentices and journeymen.
- Provide coaching to help correct poor behaviors, performance and/or non-compliance with station standards.
- Communicate praise to journeymen and apprentices as appropriate.

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