



## Jason Callen - 32

“ Nuclear technician work gives me a great sense of purpose and requires extreme attention to detail. My role consists of monitoring, testing, and maintaining equipment. There is a high risk associated with my job, but there is always a high reward.

As a professional in an up-and-coming industry in South Carolina, I know and understand the value of this energy source and what it can mean for the state. I enjoy traveling to different cities to conduct safety checks on plants and facilities. And I regularly attend training, which helps me stay ahead of the industry and safety standards, and I get to network across many industries.

”

### Occupation:

Nuclear  
Plant Operator

### Salary:

\$98,070

### Education:

Associate's Degree

### Job Description:

**Nuclear Technicians** assist nuclear physicists, nuclear engineers, or other scientists in laboratory, power generation, or electricity production activities. May operate, maintain, or provide quality control for nuclear testing and research equipment. May monitor radiation.\*



\*Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Job Description:

SOC Code: 19-4051

## Top Job Skills:

- Communicate safety or hazard information
- Preventative maintenance
- Inspect work sites
- Measure radiation levels
- Test mechanical systems

## General Work Activities:

- Interacting With Others
  - Communicate with other workers to coordinate activities
- Information Input
  - Monitor operations to ensure compliance with safety or security policies or regulations
  - Inspect work sites to identify potential environmental or safety hazards
  - Monitor operational procedures in technical environments to ensure conformance to standards
  - Test mechanical systems to ensure proper functioning
  - Inspect equipment to ensure proper functioning
  - Identify sustainable business practices
- Work Output
  - Maintain work equipment or machinery
  - Clean objects
  - Collect environmental data or samples

Source: SC Works Online Services (SCWOS)

## LEARN MORE WITH SCWOS:

**SC Works Online Services (SCWOS)** is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit [jobs.scworks.org](https://jobs.scworks.org).

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O\\*NET.org](https://www.o*net.org).

## JOB STATISTICS:



### Typical Wage Range

\$91,110 - \$108,760



### Projected Growth

65/yr Job Openings



### Employed In-State

610



### Required Education

Associate's Degree



### Work Experience

Typically  
Requires None



### On-the-Job Training

Moderate-Term  
On-the-job Training

\*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

## EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: O\*NET™ data. Ask an SC Works representative for more information about postings in your area.

- Trident
- Midlands
- Upstate
- Pee Dee

## EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SCWOS and O\*NET™ data. Ask an SC Works representative for more information about postings in your area.

- Huntington Ingalls Industries
- Dominion Energy
- OctaPharma Plasma
- Duke Energy Corporation
- Savannah River Nuclear Solutions

## RELATED OCCUPATIONS:

- Hydroelectric Plant Technicians
- Nuclear Monitoring Technicians
- Power Plant Operators
- Nuclear Power Reactor Operators
- Stationary Engineers and Boiler Operators

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2025.