

## Paschal Solutions, Inc. seeks Nuclear Criticality Safety Engineers to join our team!

### Why join Paschal Solutions, Inc. (PSI)?

PSI has provided criticality safety, nuclear safety, engineering, regulatory, and management and engineering services for federal and commercial clients since 2000. PSI has a reputation for providing high quality services which is demonstrated by the satisfaction of our clients resulting in long-term contracts. PSI knows that our company is defined by our employees. We recruit and hire those employees considered to be amongst the best in their peer group and who have a sincere desire to help our clients.

**Salary and Benefits** – PSI provides offers based on a generous compensation package. Our employees enjoy competitive pay and excellent benefits, along with a positive work environment built on mutual respect and professionalism.

**Equal Opportunity** – PSI is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment regardless of their race, color, religion, sex, sexual orientation, gender identity, national origin, age, or status as a qualified individual with a disability or protected veteran.

For More About PSI - Go to [www.paschalsolutions.com](http://www.paschalsolutions.com).



**PASCHAL SOLUTIONS, INC.**  
Providing Safe and Efficient Engineering Solutions

## Nuclear Criticality Safety (NCS) Engineer

Job ID: 2305PSI

Job Title: Nuclear Criticality Safety (NCS) Engineer

Location: Lynchburg, VA

### Job Duties/Responsibilities:

PSI has a need for NCS in support of customers and projects in multiple locations. The successful candidate will perform under general supervision NCS engineering job functions. The specific work assignments may include duties or activities that assist and support management in ensuring strong NCS program and technically sound NCS analyses.

### Typical responsibilities are as follows:

- Perform NCS analyses, reviews, and develop the safety basis for fissile material operations.
- Perform computer models to support NCS analyses.
- Establish limits and controls for plant activities to maintain safe, effective, and efficient operations.
- Perform Nuclear Criticality Safety Evaluations (NCSEs) and NCS Design Analysis and Calculations (DACs).
- Conduct facility walkdowns and ensure NCS requirements are adequately implemented.
- Participate in audits and inspections, incident investigations, and design reviews.

### Job Requirements:

- Minimum a BS degree in nuclear engineering, physics, chemistry, mathematics, or related field plus 10+ years of related experience, or an equivalent combination of education and experience.
- Ability to support onsite at customer facility location.
- Proven NCS experience and knowledge of hazard categorization.
- Working knowledge of SCALE/KENO and/or MCNP.
- Strong interpersonal and communication skills and self-starter.

### Physical Requirements / Working Conditions:

- Successful candidates will be able to perform the essential functions of the job with reasonable accommodation.

### Location:

- Position is on-site – Lynchburg, VA

### Desired Qualifications:

- Possess a DOE "Q" Clearance or the ability to obtain a DOE "Q" Clearance.

### How to Apply:

- Send resumes to [Careers@paschalsolutions.com](mailto:Careers@paschalsolutions.com)

**Note: Applicants selected will be subject to a federal background investigation and must meet eligibility requirements for access to classified information or matter. Position requires U.S. Citizenship with (no dual citizenship) ability to obtain and maintain a Department of Energy (DOE) security clearance which involves an extensive criminal and financial background investigation, drug test and previous employment reference verifications.**