

Job ID:	BS121710A
Job Title:	Detector Design Engineer
Degree Requirements:	Bachelor's Degree (Nuclear, Electrical, or Mechanical Engineering or Physics)
Years of Experience:	1 – 3 or 5+
# of Positions:	2 (1 entry level & 1 more experienced)
Type of Position:	Direct Hire
Location:	Near Elmira, NY
Salary Range:	Depends on Experience and Expertise - D. O. E.
Travel Required:	< 25% - some international

Our client has an **IMMEDIATE NEED** for **2** radiation detector design engineers. One position will require 1 – 3 years work experience and the other will require 5 or more years of experience. The client offers a competitive salary based on experience and expertise as well as a comprehensive benefits package (medical / prescription coverage, 401K, and a generous paid time-off / holiday program).

The **MUST HAVE REQUIREMENTS** for these positions are:

- Bachelor's degree in Nuclear Engineering, Electrical Engineering Mechanical Engineering, or Physics
- Between 1 – 5+ years work or military experience
- U. S. Citizenship
- Ability to secure a Secret Clearance
- Undergo background scrutiny in order to gain entry to nuclear facilities
- Highly proficient with MS Office Products (Word, Excel, PowerPoint, Projects, etc)
- Familiarity with LabView
- Familiarity with Monte Carlo N-Particle Transport Code (MCNP) and other similar codes

PLUSSES for these positions are:

- Masters degree in Nuclear Engineering, Electrical Engineering Mechanical Engineering, or Physics
- Experience and expertise with radiation detectors (Gas-filled tube detectors, Gaseous detectors, Scintillation Crystal detectors, Solid-state semiconductor detectors)
- Understanding of ionizing radiation measurement systems
- Prior experience in the nuclear industry or nuclear Navy
- Experience with ISO9001: 2008
- LEAN manufacturing and / or Six Sigma certification

The **RESPONSIBILITIES** of these positions include but are not limited to:

- Design, configure, modify, products to meet customer configuration needs in commercial, research & special purpose reactors
- Develop documentation related to product development, manufacturing, customer configuration, modification and adaptation
- Analyze, understand, and interpret design documents of radiation detectors
- Domestic and International travel to customer sites providing onsite support, presentations, and aid in issue resolution
- Work with internal & external customers ensuring high level product, document, application analysis

KEY WORDS: nuclear engineer, electrical engineer, mechanical engineer, physics, MCNP, Monte Carlo N-Particle Transport Code, LabView, ISO9001: 2008 10 CFR 50 Appendix B 10 CFR Part 21, ASME NQA-1, nuclear power plants, nuclear rods production, IEEE 323/344, EPRI 5652, NASI, Six Sigma, LEAN, radiation detectors, gas-filled tube detectors, gaseous, scintillation crystal detectors, solid-state semiconductor detectors, nuclear industry, nuclear navy, PowerPoint, MS Project, security clearance, ionizing radiation measurement systems, Canberra Industries, General Atomics, GE, Landauer, Nuclear Solutions, SCHOTT, Thermo Fisher Scientific, Mirion Technologies, Detection Technology, Berkeley

Nucleonics, Li-Vi, International Medcom, Ludlum Measurements, Polimaster, TSA Systems, XRF Corporation

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**