

Date Posted: Sep 4, 2012

Organization: Air Force Technical Applications Center

Position: Lead Radiochemistry Analyst

Location: Patrick AFB, FL

Job Description Details:

The position supports the national-level materials treaty monitoring programs and is located in the Radiochemistry Laboratory. The purpose of this position is to lead the Radiochemistry Analysis section that ensures underground or atmospheric nuclear weapons testing samples or nuclear effluent materials of nuclear accidents are separated and purified so that they can be measured to obtain data on the radioisotopes identified by technical evaluators who will provide information to national authorities. The incumbent will be responsible for determining that the appropriate radiochemistry procedures for a spectrum of sample activities are approved and ready for use, for ensuring adequate personnel training in the nuclear radiochemistry for all personnel, and for compliance with radiation safety and industrial safety guidelines.

KNOWLEDGE, SKILLS & ABILITIES

1. Extensive knowledge of radiochemistry principles, techniques, processes, procedures, and equipment.
2. Knowledge of alpha, beta, and gamma measurement equipment/systems, radioactive decay schemes, and radiation detection systems.
3. Skill in rapidly applying knowledge in a variety of situations to a variety of nuclear radiochemistry techniques in order to meet critical deadlines.
4. Ability to analyze conflicting information from multiple sources and work well in an operational environment.
5. Ability to organize, interpret and present information in a clear concise manner.
6. Ability to communicate both orally and writing in a clear and accurate fashion.
7. U.S. Citizenship is required in accordance with government regulation.
8. Incumbent must be able to obtain and maintain a Top Secret security clearance with access to SCI and submit to random drug testing.

Salary Range: \$68,809-\$89,450

To apply: email resume and college transcripts to
AFTAC.JOBS@patrick.af.mil