



**Homeland  
Security**

## **TYPICAL POSITIONS OFFERED BY DNDO**

### **General Engineer**

#### **Qualifications:**

- Professional Engineering Degree with accredited curriculum or:
- Differential and integral calculus and
- Advanced courses in at least five of the following areas:
  - Engineering science or physics:
  - Statistics, dynamics;
  - Strength of materials (stress-strain relationships);
  - Fluid mechanics, hydraulics;
  - Thermodynamics;
  - Electrical fields and circuits;
  - Nature and properties of materials (relating particle and aggregate structure to properties); and
  - Other comparable areas of fundamental engineering science or physics (optics, heat transfer, soil mechanics, environmental or electronics)

OR

- Combination of education and experience – demonstrated by
  - Professional registration;
  - Written test (EIT);
  - Specified academic courses; or
  - Related academic curriculum.

**AND**

#### **Specialized Experience:**

- 1 year of specialized experience equivalent to the next lower grade level
- Specialized experience must be in (or related to) the position to be filled
- Sufficient to equip applicants with the knowledge, skills and abilities to successfully perform the required duties



## TYPICAL POSITIONS OFFERED BY DNDO

### **Physical Scientist**

#### **Qualifications:**

- BA or higher degree from an accredited college or university in
  - Physical science,
  - Engineering, or
  - Mathematics
  - Minimum of 24 semester hours in physical sciences (nuclear/particle physics, material science, or accelerator physics) and/or
  - Related engineering science (nuclear engineering, mechanics or dynamics)
- OR
- Combination of education equivalent to one of the majors above that included at least 24 semester hours in physical science
- AND
- Appropriate experience or additional education.

### **Nuclear Assessment Specialist**

#### **Qualifications:**

- One year of specialized experience equivalent to the next lower grade level
- Specialized experience utilizing current, new and emerging systems and technologies for assessment of nuclear activities and threats and related programs and policies to ensure efficient analysis and reporting of incidents and suspected threats involving nuclear materials.

### **Program Analyst or Budget Analyst**

#### **Qualifications:**

- One year of specialized experience equivalent to the next lower grade level
- Specialized experience that equipped the applicant with the knowledge, skills, and abilities to perform successfully the duties of the position
- Experience in or related to the work of the position to be filled