

Main Purpose

Under the supervision and guidance of the Senior Nuclear Security staff of the Section, the Associate Nuclear Security Officer (Detection) contributes to supporting Member States in developing, implementing and sustaining effective and efficient nuclear security detection architecture through, inter alia, Integrated Nuclear Security Support Plans (INSSP), in the area of detection architecture.

These will be achieved through assisting in the:

- Planning and organization for an effective nuclear security detection framework;
- Development and implementation of national nuclear security detection architecture guidance and workshops;
- Evaluation and prioritization of national detection capabilities in Member states;

Role

The Associate Nuclear Security Officer (Detection) is 1) an analyst, identifying gaps and needs for development of national nuclear security detection architecture; 2) a facilitator/coordinator working in close collaboration within the Division and with Member States to evaluate and prioritize their national detection capabilities; and 3) a substantive contributor, drafting documents and presentations related to national security detection architecture.

The JPO will work in partnership with staff within the Division of Nuclear Security, and in the Departments of Nuclear Safety, Security, and others as needed.

Functions / Key Results Expected

- Provide advice and support to Member States by conducting events related to drafting effective nuclear security detection architecture
- Contribute to Member States development of national nuclear security detection architecture, mainly focusing on documents establishment, and provision of support for detection programme implementation
- Planning and organization for an effective nuclear security detection framework
Evaluation and prioritization of Member State national detection capabilities
Develop training materials and conduct training events in Member States

Knowledge, Skills and Abilities

- Ability to demonstrate high ethical standards and support the IAEA values of professionalism, integrity and respect for gender and cultural diversity.

- Teamwork: Works collaboratively with colleagues and actively contributes to achieving team results.
- Communication: Understands the perspectives of others and communicates orally and in writing in a clear, concise and effective manner.
- Programme and Individual Performance: Uses initiative to clarify roles, priorities and results to be achieved.
- Ability to work effectively in a team and establish and maintain effective working relationships with sensitivity and respect for gender and cultural diversity.
- Understanding of nuclear security;
- Awareness of detection of and response to nuclear and other radioactive material out of regulatory control; including instrument alarms and information alerts;
- Proven ability to work in a multidisciplinary team;
- In-depth technical knowledge of radiation detection principles,
- Analytical skills;
- Results oriented;
- Skills in planning, evaluation and project implementation;
- Good interpersonal and communication skills.

Education, Experience and Language Skills

- University degree at graduate level (Master or PhD) in sciences or other relevant engineering field.
- At least two years of relevant experience in a national or international organisation.
- Fluency in written and spoken English. Knowledge of another official IAEA language (Arabic, Chinese, French, Russian or Spanish) is an advantage.