Safeguards Information Analyst (Open Source) (P3) - (2021/0153 (009780))

Organization: SGIM-State Factor Analysis Section
Primary Location: Austria-Vienna-Vienna-IAEA Headquarters
Job Posting: 2021-11-11, 10:53:43 AM
Closing Date: 2021-12-09, 11:59:00 PM
Duration in Months: 36
Contract Type: Fixed Term - Regular
Probation Period: 1 Year

This is a re-opening of the position. Previous applicants need not apply.

Organizational Setting

The Department of Safeguards (SG) is the organizational hub for the implementation of IAEA safeguards. The IAEA implements nuclear verification activities for over 180 States in accordance with their safeguards agreements. The main objective of the Department is to maintain and further develop an effective and efficient verification system in order to draw independent, impartial and timely safeguards conclusions, thus providing credible assurances to the international community that States are in compliance with their safeguards obligations. Safeguards activities are undertaken within a dynamic and technically complex environment including advanced nuclear fuel cycle facilities and complemented by the political and cultural diversity of the countries.

The Department of Safeguards consists of six Divisions: three Operations Divisions for the implementation of verification activities around the world; three Technical Divisions (Division of Concepts and Planning, Division of Information Management, and Division of Technical and Scientific Services); and three Offices (the Office for Verification in Iran, the Office of Safeguards Analytical Services and the Office of Information and Communication Services).

The Division of Information Management comprises four Sections and provides the Department of Safeguards with data processing services, secure information distribution, information analysis and knowledge generation necessary to draw independent, impartial and soundly based safeguards conclusions.

Main Purpose

Reporting to the Section Head and in close collaboration with the Senior Safeguards Analyst (Open Source), the Safeguards Information Analyst (Open Source) contributes to the IAEA's nuclear verification mission by collecting, processing and analysing the most comprehensive set of safeguards relevant open source information to be consolidated with other types of information available to the Department of Safeguards. These analyses directly contribute to the State evaluation process and the preparation of field activities.

Role

The Safeguards Information Analyst (Open Source) is: 1) an analyst, contributing to the strengthened safeguards system by working in close collaboration with other staff in the Section, Division and Department to collect, process and analyse open source information in support of the safeguards verification mission; 2) a team member of or contributor to various projects, including State evaluation, identifying and following up on issues and areas of interest relevant for safeguards implementation; and 3) a leader of analytical project teams, addressing specific analytical or tools development tasks, and advising other Divisions on information collection, processing and analysis.

Functions / Key Results Expected

- Participate in State Evaluation Groups for assigned States and contribute to the State Evaluation process by identifying, processing and evaluating the quality and reliability of safeguards-relevant information, including open-source data, nuclear material accounting data, satellite imagery and environmental sampling data.
- Conduct analyses of open source information relevant to the verification mission of the Department of Safeguards in assigned States, including from scientific and technical information sources.
- Assist in the evaluation of State declarations, including Additional Protocol declarations, where appropriate, for assigned States.

- Conduct further research on identified issues or inconsistencies by acquiring additional relevant information, applying appropriate analytical methodologies, and documenting results in analytical reports.
- Ensure effective and timely communication and dissemination of analytical results to Operations Divisions and other departmental counterparts.
- Lead and participate in project teams in accordance with the requirements of the Divisional annual work plan.

Competencies and Expertise

Core Competencies

Name	Definition
Planning and Organizing	Plans and organizes his/her own work in support of achieving the team or Section's priorities. Takes into account potential changes and proposes contingency plans.
Communication	Communicates orally and in writing in a clear, concise and impartial manner. Takes time to listen to and understand the perspectives of others and proposes solutions.
Achieving Results	Takes initiative in defining realistic outputs and clarifying roles, responsibilities and expected results in the context of the Department/Division's programme. Evaluates his/her results realistically, drawing conclusions from lessons learned.
Teamwork	Actively contributes to achieving team results. Supports team decisions.

Functional Competencies

Name	Definition
Judgement/decision making	Consults with supervisor/manager and takes decisions in full compliance with the Agency's regulations and rules. Makes decisions reflecting best practice and professional theories and standards.
Resilience	Maintains a high level of performance when facing pressure and uncertainty. Able to remain calm and self-controlled, and to respond logically and decisively in difficult situations.
Technical/scientific credibility	Ensures that work is in compliance with internationally accepted professional standards and scientific methods. Provides scientifically/technically accepted information that is credible and reliable.

Required Expertise

Function	Name	Expertise Description
Safeguards	Nuclear Fuel Cycle/Nuclear Facilities	Knowledge of the nuclear fuel cycle, with a special emphasis on nuclear proliferation pathways, proliferation indicators, trade analysis and nuclear material accounting.
Management and Programme Analysis	Proliferation and Network Analysis	Ability to provide assessments and produce analytical reports on the status of nuclear programmes and proliferation activities based on the analysis of open source data.

Asset Expertise

Function	Name	Expertise Description
Safeguards	Safeguards System, Basic	Knowledge of the concepts of strengthened safeguards, verification processes and Additional Protocol evaluation.

Qualifications, Experience and Language skills

Bachelor's Degree - University degree in science (e.g. physics, chemistry), technology (e.g. nuclear, mechanical or other engineering), or in an area of relevance to non-proliferation studies.

Minimum of five years of experience in nuclear non-proliferation or safeguards information collection and analysis, or in nuclear research related to non-proliferation issues.

Experience in the use of information collection, processing and analysis techniques, including advanced text retrieval techniques and complex databases.

Experience in the use of advanced software for information analysis (e.g. network or link analysis using Palantir) an asset.

Excellent oral and written command of English. Knowledge of other official IAEA languages (Arabic, Chinese, French, Russian and Spanish), particularly Arabic, a strong asset.

Remuneration

The IAEA offers an attractive remuneration package including a tax-free annual net base salary starting at **US $62120** (subject to mandatory deductions for pension contributions and health insurance), a variable post adjustment which currently amounts to **US $ 32924***, dependency benefits, rental subsidy, education grant, relocation and repatriation expenses; 6 weeks' annual vacation, home leave, pension plan and health insurance---

Applications from qualified women and candidates from developing countries are encouraged

Applicants should be aware that IAEA staff members are international civil servants and may not accept instructions from any other authority. The IAEA is committed to applying the highest ethical standards in carrying out its mandate. As part of the United Nations common system, the IAEA subscribes to the following core ethical standards (or values): Integrity, Professionalism and Respect for diversity. Staff members may be assigned to any location. The IAEA retains the discretion not to make any appointment to this vacancy, to make an appointment at a lower grade or with a different contract type, or to make an appointment with a modified job description or for shorter duration than indicated above. Testing may be part of the recruitment process
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