

Job Description for Professional Posts

Reference: NE2025/12

Position and Grade:	Associate Nuclear Engineer (Infrastructure), P2
Organizational Unit:	Nuclear Infrastructure Development Section Division of Nuclear Power
Duty Station:	Vienna, Austria
Type/Duration of Appointment:	FT – JPO, 1 year

Organizational Setting

The Department of Nuclear Energy fosters sustainable nuclear energy development by supporting existing and new nuclear programmes around the world. It provides technical support on the nuclear fuel cycle and the life cycle of nuclear facilities, and builds indigenous capability in energy planning, analysis, and nuclear information and knowledge management.

The Department consists of three divisions: the Division of Nuclear Power, the Division of Nuclear Fuel Cycle and Waste Technology, and the Division of Planning, Information and Knowledge Management. Each Division is composed of various Sections. The department has a dynamic, participative and interactive operating environment with inputs received from the Board of Governors, the General Conference, policy and decision-makers, and technical counterparts in Member States and the international development community.

The Division of Nuclear Power comprises the Nuclear Power Engineering Section, the Nuclear Infrastructure Development Section, the Nuclear Power Technology Development Section, and the International Project on Innovative Nuclear Reactors and Fuel Cycles (INPRO) Section. The Division supports countries with operating nuclear power plants in enhancing the performance and safe long-term plant operation and the effectiveness of engineering processes and helps increase capacity in Member States to use advanced management and human resource development methods for nuclear power programmes. It assists Member States embarking on nuclear power programmes in planning and building their national nuclear infrastructures. Additionally, it fosters international cooperation on global nuclear energy sustainability and innovations, supports countries in their strategic long-range nuclear energy planning, and provides collaborative frameworks for technology development in advanced reactors and the safe use of nuclear power for non-electric applications.

The Nuclear Infrastructure Development Section (NIDS) coordinates and facilitates integrated Agency assistance to Member States, to support Member States in improving understanding of the responsibilities and obligations essential to implementing safe, secure, efficient and reliable long term nuclear power programmes, and to support Member States in developing the necessary infrastructure for introducing nuclear power.

Main Purpose

Under the supervision of the Section Head (Nuclear Infrastructure Development Section) (NIDS) and in close cooperation with NIDS Technical Officers, the Associate Nuclear Engineer provides support for the planning, organization and implementation of the IAEA's activities and projects in the field of

nuclear infrastructure development backstopped (or coordinated) by NIDS for countries interested in or embarking on new or expanded nuclear power programmes.

Role

The Associate Nuclear Engineer works in the Nuclear Infrastructure Development Section (NIDS) and provides support to the team in the preparation for Technical Meetings, Consultancy Meetings, Integrated Work Plan / Country Nuclear Infrastructure Profile meetings and National, Regional and Interregional Workshops, and in the drafting of reports under the guidance of NIDS Technical Officers. The Associate Nuclear Engineer also support the outreach activities of the NID section.

Partnerships

The Associate Nuclear Engineer builds collaborative working relationships with NIDS team members as well as with sections from Agency Departments that provide support via NIDS to Member States interested in or embarking on new or expanded nuclear power programmes.

Functions / Key Results Expected

- Prepare briefing material, perform research and data analysis concerning countries interested in or embarking on new or expanded nuclear power programmes and contribute to case studies and the drafting and editing of technical documents under the supervision of the respective NIDS Technical Officer.
- Assist NIDS Technical Officers in organizing and preparing for Technical Meetings, Consultancy Meetings, Integrated Work Plan meetings, and National and Regional Workshops, including but not limited to outreach material, the development of the Terms of Reference / Prospectus for the meeting or workshop, Agenda, preparation of briefing material, technical documentation and presentations, and the report including an assessment of the participants feedback from the respective meeting or workshop.
- Assist the responsible NIDS Technical Officer in the implementation of the INT 2/0/24 interregional training programme and assist the responsible TO for NIDS activities related to SMRs.
- Coordinate, as appropriate, with other sections in the Agency on the above.

Competencies and Expertise **(do not revise or edit)**

Core Competencies		
Competence	Occupational Role	Behavioural Indicator
Communication	Individual Contributor	Communicates orally and in writing in a clear, concise and impartial manner. Takes time to listen and understand the perspective of others and proposes solutions.
Achieving Results	Individual Contributor	Takes initiative in defining realistic outputs and clarifying roles, responsibilities and expected results in the context of the Department/Division's programme. Evaluates

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		his/her results realistically, drawing conclusions from lessons learned.
Teamwork	Individual Contributor	Actively contributes to achieving team results. Supports team decisions.
Planning and Organizing	Individual Contributor	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.

Functional Competencies		
Competence	Occupational Role	Behavioural Indicator
Judgement/decision making	Associate	Consults with supervisor/manager and makes decisions in full compliance with the Agency's regulations and rules.
Partnership building	Associate	Develops and maintains partnerships needed for his/her work. Establishes and nurtures positive relations with partners and stakeholders.
Technical/scientific credibility	Associate	Acquires and applies new skills to remain up to date in his/her area of expertise. Reliably applies knowledge of basic technical/scientific methods and concepts.

Expertise	
Expertise	Description
Nuclear Engineering Nuclear Power Infrastructure Development	Designing and implementing technical meetings and support missions to the Member States in support of the national nuclear programme development.
Nuclear Engineering Project Management	Maintain relationships with Member States in developing the integrated workplan for the introduction of the nuclear power programme.

Education, Experience and Language Skills

- University degree in a technical field or in International Relations. Advanced degree would be an asset.
- Minimum two years' experience (from a technical perspective) in nuclear power or the development of infrastructure for nuclear power programmes. Experience in an international setting an asset.
- Excellent oral and written command of English. Knowledge of other official IAEA languages (Arabic, Chinese, French, Russian and Spanish) is an asset.

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