



Interregional Workshop on Roles and Responsibilities of Regulatory Body during Construction and Operation of a Nuclear Power Plant

Hosted by

The Government of the United Arab Emirates

through the

Federal Agency of Nuclear Regulation (FANR)

31 October to 11 November 2021

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Information Sheet

Purpose

The purpose of the event is to provide guidance and familiarize participants, from Member States embarking on nuclear power and those considering to expand the existing programme for establishing the safety infrastructure, on the key aspects of development and implementation of regulatory oversight process during construction, commissioning and operation of a nuclear power plant (NPP) in line with the guidance provided in the IAEA Safety Standards.

Working Language(s)

The working language of the event will be English

Deadline for Nominations

The deadline for nomination is **15 August 2021**.

Project Background

As per IAEA Safety Standards, the framework for safety is to be established for the entire range of facilities and activities, from the use of a limited number of radiation sources to a nuclear power programme. From the earliest phase of the development of safety infrastructure, the prime responsibility for safety will rest with the prospective facility operating organization, and the government is required to establish an effective governmental, legal and regulatory framework to support a high level of safety. The prime responsibility for safety cannot be delegated or outsourced; it must be discharged by the operating organization through leadership, adequate funding, sufficient expertise and legal responsibility.

States wishing to embark on their first nuclear power plant project may be at various levels of capability with regard to safety — ranging from no experience to experience with laboratory scale nuclear facilities and industrial applications, the operation of research reactors, or handling of radioactive material in large amounts.

The IAEA Safety Standards require that the government, through the legal system, establish and maintain a regulatory body, and confer on it the legal authority and provide it with the competence and the resources necessary to fulfil its statutory obligation for the regulatory control of facilities and activities. In a nuclear power programme, the regulatory body should verify that site evaluation, design, construction, commissioning, operation and decommissioning comply with the relevant safety standards.

Regulatory structures and approaches vary significantly from one State to another. The approaches used in States with large nuclear power programmes may differ from those in States with small programmes. Also, the approaches in States with a nuclear power plant vendor may differ from those in States that import nuclear power plants. Therefore, the establishment of safety infrastructure for a nuclear power programme requires a systematic and structured regulatory approach.

Expected Outputs

The event will provide guidance to regulatory staff in important elements in the development, implementation and sustainability of safety infrastructure for regulating a nuclear power programme with particular focus on regulatory oversight during construction, commissioning and operation, with reference to relevant IAEA Safety Standards, particularly IAEA GSR Part 1 (Rev.1) and relevant guides, supplemented by country-specific presentations by the invited experts from Member States experienced in regulating a nuclear power programme.

Scope and Nature

The following specific topics will be covered during the event:

- National policy and strategy for safety;
- Legal and regulatory framework for safety;
- Functions and responsibilities of a regulatory body;
- Transparency and openness.
- Leadership and management for safety:
- Human resource development;
- Use of external support;
- Global nuclear safety regime;
- Development and implementation of licensing process;
- Regulatory inspection and enforcement; and
- Research for safety and regulatory purposes.

Participation

The event is open to a maximum of 20 participants from the following countries: Argentina, Armenia, Bangladesh, Belarus, Brazil, Bulgaria, Czech Republic, Egypt, Hungary, Iran, Jordan, Lithuania, Mexico, Nigeria, Pakistan, Poland, Romania, Saudi Arabia, Slovakia, Slovenia, South Africa, Turkey, United Arab Emirates.

Participants' Qualifications and Experience

This event is intended for regulatory staff and experts from the regulatory bodies, technical support organizations, operating organizations, research and development entities of countries embarking on a nuclear power and those considering to expand the existing programme.

Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
2. On the InTouch + platform, the candidate must:
 - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
 - b. Search for the relevant technical cooperation event (EVT21002792) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

NOTE: Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to InTouchPlus.Contact-Point@iaea.org.

Should online application submission not be possible, candidates may download the nomination form for the training course from the [IAEA website](#).

NOTE: A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed with regard to administrative and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency American Express, or a travel grant, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

Disclaimer of Liability

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

Note for female participants

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

IAEA Contacts

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