



Regional Workshop on Transitioning the Inspection and Oversight from Construction and Commissioning to Initial Operation of a Nuclear Power Plant

Minsk, Belarus

19 – 23 August 2019

Ref. No.: ME-RER9152-1901823

Information Sheet

A. Purpose

The purpose of the event is to discuss experiences of the participants transitioning from the inspection and oversight of construction and commissioning activities to the inspection and oversight of nuclear power plant (NPP) operation.

B. Working Language(s)

The working language of the event will be English.

C. Deadline for Nominations

Nominations received after **8 July 2019** will not be considered.

D. Expected Outputs

At the conclusion of the workshop the participant will:

- Have a basic knowledge of the IAEA Safety Standards pertaining to regulatory inspections in the operating phase of an NPP.
- Know the steps in planning inspection of operating NPPs.
- Be able to perform inspections to assess compliance with regulatory and licensing requirements using a graded approach to safety and focusing on safety related plant structures, systems and components.
- Be able to evaluate the safety significance of inspection findings in plant operations
- Understand how inspection findings and performance indicators are used in adjusting the oversight of an operating NPP.

E. Scope and Nature

The experts and participants will discuss a variety of topics regarding the inspection and oversight of an NPP, including:

- An overview of the standards that are applicable to regulatory inspections of an NPP during the initial stage of operation phase as well throughout the lifetime of operation.
- Highlights of applying specific requirements such as unannounced inspections and unfettered access to the facilities and activities of the NPP, including those areas, that have limited and restricted access due to high radiation levels;
- Overview of the experience in other countries on the implementation of a graded approach to the planning and conducting of inspections during the initial stage of operation;
- Discuss findings from the IRRS missions as they relate to the inspection and oversight of an operating NPP.
- Fundamentals of inspection for an operating NPP.
 - Preparation (gathering of information, prepare an inspection plan and schedule using risk insights, operating experience and other relevant information as discussed in the inspection procedure)
 - Evaluation (determine extent of condition and root cause – if appropriate, safety significance of findings)
 - Personal safety of inspectors (including approaches to controlling of dose rates and the types of personal protection equipment used by inspectors);
- How to perform general plant inspections
 - Fire protection
 - Housekeeping
 - Radiological protection
 - Foreign material exclusion
 - Scaffolding over safety systems
 - Flood barriers
 - Valve position, indicator lights, locking devices, improper pipe supports, labelling errors, thread engagement, temporary modifications, material damage, etc
- How to perform specific plant inspections:
 - security systems;
 - safety culture;
 - Integrated system management for safety;
 - Elevators, special lifting cranes and equipment.

F. Participation

The event is open to 25 participants from Member States.

The target countries are: Albania, Armenia, Azerbaijan, Bosnia and Herzegovina, Belarus, Bulgaria, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Latvia, Lithuania, Malta, Montenegro, Poland, Republic of Moldova, Romania, Russian Federation, Serbia, Slovak Republic, Slovenia, North Macedonia, Tajikistan, Turkey, Ukraine and Uzbekistan.

G. Participants' Qualifications and Experience

The participants for the workshop should represent the regulatory body and have a basic understanding of the IAEA Safety Standards relating to the inspection and enforcement of operating nuclear power plants.

The workshop will be conducted in English and candidates should have sufficient English proficiency to participate in the workshop without difficulty.

H. Application Procedure

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

1. Access the IAEA TALEO page (<https://iaea.taleo.net/careersection/ex/jobsearch.ftl>) and complete the Candidate Profile.
2. Be registered on the Nucleus page of the IAEA (<https://nucleus.iaea.org/>).
3. Through Nucleus, access the InTouch+ platform where the Profile is completed (My Profile tab) (<https://nucleus.iaea.org/Pages/InTouchPlus.aspx>).

NOTE: The email used for TALEO and Nucleus must be the same. If not, the candidate's profile will not appear complete.

4. On the InTouch + platform, under the 'My InTouch +' tab, the candidate needs to:
 - a. select the institute / organization that he/she works at / represents ('My Institute' section);
 - b. click on the link called '**Refresh Personal History Form**' to update the system, *otherwise the nominations submitted will have these fields empty and it will not be possible to evaluate them during the selection of candidates* ('IAEA Recruitment Platform' section).

NOTE: Once the above steps are finalized, the candidate's profile will appear as completed and he/she can apply for Technical Cooperation events.

5. In the InTouch+ platform (<https://intouchplus.iaea.org>), in the 'Applications' tab, search by the event number provided in the invitation.

The help for each step is located at the top of the page. For additional help on how to register, create a profile and apply for an event, please refer to the online guide and training videos available under the following links: [how-to guide](#) and [training videos](#). Any issues or queries related to the new system can be addressed to InTouchPlus.Contact-Point@iaea.org or TC-AIPS-PL4.Contact-point@iaea.org.

Should this not be possible, applicants may download the Nomination Form for the ME from the IAEA website <https://www.iaea.org/services/technical-cooperation-programme/how-to-participate>.

Applications should contain sufficient information to establish that the nominees have the required qualifications. Please note that the information regarding LANGUAGE SKILLS, EDUCATION AND WORK EXPERIENCE is exported from TALEO. If an applicant's profile in TALEO is not updated, the information in INTOUCH+ for these sections appears as empty and the candidates cannot be evaluated. Completed applications need to be endorsed by the relevant national authority, i.e. the National Liaison Office and submitted through the established official channels.

I. 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.

J. 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.

K. 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.

L. IAEA Contacts

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