



Regional Training Course on Preparedness and Response for a Nuclear or Radiological Emergency Combined with Other Incidents or Emergencies

Hosted by

The Government of Turkey

through the

Turkish Energy and Nuclear and Mineral Research Agency; Nuclear Energy Research Institute

Istanbul, Turkey

22 to 26 November 2021

Ref. No.: TN-RER9151-2102315

Information Sheet

Purpose

The purpose of the event is to train participants by providing guidance to meet the emergency preparedness and response (EPR) requirements established in the IAEA Safety Standards Series No. GSR Part 7 for a nuclear or radiological emergency combined with other incidents or emergencies, i.e. a nuclear or radiological emergency initiated and/or affected by conventional emergencies, natural events or security events (referred to as “combined emergency” for simplicity).

Working Language(s)

The working language(s) of the event will be English.

Deadline for Nominations

Nominations received after **17 September 2021** will not be considered.

Project Background

States are responsible for establishing and maintaining appropriate emergency management programmes to protect life, health, the environment and society based on their laws, legislation and international legal instruments on the territories of and within the jurisdiction of the State. States are therefore responsible for deciding upon and taking effective emergency response actions and ensuring that resources are available for approved and authorized EPR programmes, including arrangements agreed with neighbouring States and the international community. However, the resources and capabilities of States, individually or collectively, can be exceeded or quickly overwhelmed in any emergency. This is especially true for combined emergencies, since resources and capabilities may become scarce and the response suboptimal. As observed in the 2011 Fukushima Daiichi accident, the nuclear or radiological emergency may be initiated and/or affected in a complex manner by other incidents or emergencies, additionally and severely challenging the response capabilities of any State.

The nuclear or radiological emergency may be initiated/triggered by other incidents or emergencies. There may also be negative effects on any of the components of the emergency response, including the management of the response, the identification and notification of the emergency, the activation of the emergency response, the implementation of mitigatory actions, the implementation of protective actions and other response actions, the provision of instructions, warnings and relevant information to the public, the protection of emergency workers and helpers, the medical response management, the communication with the public, the management of waste, the mitigation of non-radiological consequences, the request, provision and receipt of international assistance, the termination of the emergency and the analysis of the emergency and the emergency response.

Scope and Nature

This training course supports IAEA Member States by providing guidance to meet the emergency preparedness and response (EPR) requirements established in the IAEA Safety Standards Series No. GSR Part 7 for a nuclear or radiological emergency combined with other incidents or emergencies, i.e. a nuclear or radiological emergency initiated and/or affected by conventional emergencies, natural events or security events (referred to as “combined emergency” for simplicity). The training course will provide a general introduction to selected elements necessary for effective preparedness and response for combined emergencies, such as the goals of EPR, the emergency management system, hazard assessment, the unified command and control system and the self-assessment of general EPR arrangements. Afterwards guidance will be given on how to meet the requirements provided in the IAEA Safety Standards Series No. GSR Part 7 from the perspective of a combined emergency, discussing potential difficulties, practical examples and challenges that need to be overcome. The training course closes with a case study to illustrate the guidance provided during the theoretical lectures and discusses examples of past combined emergencies.

Participation

The training course is open to participants from all Member States. It seeks to provide practical guidance for those responsible for establishing, maintaining and implementing nuclear and radiological EPR arrangements for combined emergencies, at all levels (i.e. national, regional, local and at the facility) and within all relevant organizations (e.g. operators, regulators, technical support organization, responders).

The workshop is limited to **30** participants to allow for active discussions and effective working sessions.

Participants' Qualifications and Experience

The candidates are expected to have relevant professional involvement in preparedness and response to nuclear or radiological emergencies.

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 (EVT2102315) 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.

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