



Training Course on First Response to Nuclear or Radiological Emergencies

Hosted by

The Government of Türkiye

through the

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

Istanbul, Türkiye

6 to 10 October 2025

Ref. No.: TN-RER9161-2500770

Information Sheet

Purpose

The purpose of the event is to train the participants on concepts and goals of emergency preparedness and response, with emphasis on the first response in the event of radiological emergency.

Working Language(s)

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

Deadline for Nominations

Nominations received after **15 June 2025** will not be considered.

Project Background

It is well recognized among organizations responsible for emergency management that good preparedness in advance of any eventual emergency can substantially improve the emergency response.

Past experience shows that many first responders are not familiar with radiological emergencies including the basics of ionizing radiation, assessing the radiological hazard and responder and public protection guidelines. Therefore, it is important that first responders increase their level of preparedness by receiving training on how to respond to radiological emergencies.

Scope and Nature

The training course consists of lectures, working sessions and exercises and covers the following topics:

- Basic information on effects of radiation exposure;
- Exposure pathways and protective actions;
- Lessons learned from past radiological emergencies;
- Basic concepts of emergency preparedness and response (EPR);
- Response organization (Unified Command and Control System (UCCS)) and concept of operations;
- Initial tasks to be performed by the lead first responder (emergency response commander);
- Tasks of specific responders/teams (extended first response at the local level) to include law enforcement/security team, fire brigade, emergency medical service, public information officer, resource coordinator, first responder monitor, and national officials;
- Assessment of radiological hazard and establishment of inner cordoned off area;
- Response personnel protection guidelines;
- Public protection guidelines;
- Public initial processing and registration;
- Monitoring and decontamination of public and responders;
- Monitoring and decontamination of vehicles and equipment;
- Medical field triage;
- Considerations for crime scene and evidence management;
- Communication with the public; and
- Role of the IAEA in enhancing preparedness of the Member States to respond to radiological emergencies.

Participation

The event is open to **30** participants from Member States of the region.

Participants' Qualifications and Experience

Nominated candidates should have sufficient practical experience in emergency preparedness and response at an emergency site including first response to a radiological emergency (e.g., emergency services managers, fire brigade, law enforcement, first responder monitor, radiological assessor and emergency medical service). The course is also open for representatives of regulatory authorities having responsibilities in preparedness and response to 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. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (**EVT2500770**) 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 AX Travel Management, or a travel allowance, 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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