



TC Training on Regional Training Course on Development and Use of Operational Intervention Levels (OILs) for Severe Emergencies at LWRs

Hosted by

The International Atomic Energy Agency
IAEA Headquarters
Vienna, Austria

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Information Sheet

Purpose

The purpose of the event is aim to support Member States in establishing or enhancing adequate capabilities for protecting the public in the event of a severe emergency at a Light Water Reactor (LWR) or its spent fuel pool, by providing a detailed explanation on the use of IAEA's default operational intervention levels (OILs) and the methodology for their derivation and revision.

Working Language(s)

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

Deadline for Nominations

Nominations received after **14 September 2018** will not be considered.

Scope and Nature

Through lectures, practical sessions and exercises, this training course will provide:

- Practical considerations for the use of OILs during the response to an emergency.
- A detailed explanation of the methodology for deriving default OIL values.
- General considerations concerning the revision of the default OIL values to account for different underlying assumptions or methodological approaches.

The spreadsheets used to calculate IAEA's default OIL values.

Background Information:

OILs are operational criteria that allow the prompt implementation of protective actions and other response actions on the basis of monitoring results that are readily available during a nuclear or radiological emergency.

Failure to use operational criteria has resulted in unnecessarily postponing warranted response actions and in taking damaging actions that were not warranted based on the radiological health hazard during past nuclear and radiological emergencies.

The need for OILs as part of the protection strategy for nuclear and radiological emergencies is emphasized by IAEA Safety Standards, EPR-Series publications, Technical Documents and Accident Reports.

Expected Outputs:

This training course will assist Member States in meeting § 4.28 (4) of the IAEA Safety Standard Series No. GSR Part 7, which requires the establishment of OILs for taking protective actions and other response actions during a nuclear or radiological emergency.

In addition, it will contribute to the harmonization of national criteria for implementing protective actions and other response actions, a need recognized by the 55th IAEA General Conference in resolution GC(55)/RES/9 and highlighted by the 56th IAEA General Conference in resolution GC(56)/RES/9.

Participation

The event is open to 16 participants from Member States.

The training course is open up to 16 participants from the invited Member States participating in the regional Technical Cooperation project RER9137 Enhancing National Capabilities for Response to Nuclear and Radiological Emergencies. Nominations from each country will be considered in the IAEA standard selection process. Selection of candidates will be made against the criteria set under the Participants' Qualifications

Participants' Qualifications and Experience

Participants should ideally be involved in the development of national criteria for the implementation of protective actions and other response actions during a nuclear or radiological emergency. Background knowledge in emergency preparedness and response for nuclear and radiological emergencies and in the evaluation of monitoring results is of clear advantage.

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 TN 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.

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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