



Pilot Training Course on the Development and Use of Operational Intervention Levels for Severe Emergencies at Light Water Reactors

Prospectus

Location:	Vienna, Austria
Dates:	3–7 October 2016
Deadline for Nominations:	15 July 2016
Organizer:	International Atomic Energy Agency (IAEA)
Working Language:	English
Purpose:	<p>This course will support Member States in establishing or enhancing capabilities for protecting the public in the event of a severe emergency at a light water reactor or its spent fuel pool, by providing a detailed explanation on how to use the IAEA's default operational intervention levels (OILs) as well as on the methodology for their derivation and revision.</p>
Expected Outputs:	<p>This course will assist Member States in meeting the requirements laid down in paragraph 4.28 (4) of <i>Preparedness and Response for a Nuclear or Radiological Emergency</i> (IAEA Safety Standards Series No. GSR Part 7, Vienna, 2015), which stipulates, inter alia, that OILs should be established for taking protective actions and other response actions during a nuclear or radiological emergency.</p> <p>In addition, it will contribute to the harmonization of national criteria for implementing protective actions and other response actions, a need recognized by the IAEA General Conference at its 55th regular session in resolution GC(55)/RES/9 (adopted on 22 September 2011), and highlighted again by the General Conference at its 56th regular session in resolution GC(56)/RES/9 (adopted on 20 September 2012).</p>
Scope and Nature:	<p>Through lectures, practical sessions and exercises, this course will provide participants with:</p> <ul style="list-style-type: none">• An overview of practical considerations for the use of OILs during the response to an emergency.• A detailed explanation of the methodology for deriving default OIL values.• An overview of general considerations concerning the revision of the default OIL values to account for different underlying assumptions or methodological approaches.

- Copies of the spreadsheets used to calculate the IAEA's default OIL values.

Background Information:

Operational intervention levels are operational criteria that allow for 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, as well as in taking damaging actions that were not warranted in view of the actual 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 the IAEA safety standards, Emergency Preparedness and Response Series publications, IAEA Technical Documents, and various accident reports issued by the IAEA.

Participation:

The course is open to up to 58 participants from the invited Member States. Member States are invited to nominate one participant for this course.

Participants' Qualifications:

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 would be an advantage.

Nomination Procedure:

Nominations should be submitted through the established official channels not later than **15 July 2016** for the attention of the Scientific Secretary of the course, Mr Phillip Vilar Welter of the Incident and Emergency Centre (Department of Nuclear Safety and Security, IAEA, Vienna International Centre, PO Box 100, 1400 Vienna, Austria, Tel.: +43 1 2600 23141; Fax: +43 1 2600 7 23141; Email: P.Vilar-Welter@iaea.org), with copies to Ms Andrea Santoyo-Galván (Email: A.Santoyo-Galvan@iaea.org).

Nominations received after that date or which have not been routed through the established official channels cannot be considered.

The full names, complete contact details (including postal address, telephone/fax numbers, and email address) and a short description of the qualification of the nominated participants should be provided.

Administrative and Financial Arrangements:

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

The organizers of the course 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 nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.



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NOMINATION FOR TRAINING EVENT

Note 1: A copy of the passport must be attached to this form.

Note 2: This training event is being implemented under the coordination of the Incident and Emergency Centre. The Permanent Mission should be used as the official channel for submission of the nomination.

The Government of	nominates the following candidate for
Title: Pilot Training Course on the Development and Use of Operational Intervention Levels for Severe Emergencies at Light Water Reactors	Event reference: J3-TR-53338
Place: Vienna, Austria	Dates: 3–7 October 2016

CANDIDATE INFORMATION

Personal details:	Complete mailing address (office):
Date of birth:	Inst. Name:
Place of birth:	Street:
Gender: M <input type="checkbox"/> F <input type="checkbox"/>	PO Box:
Family name:	Post Code:
First name:	Town/City:
Nationality:	Region/District:
Passport No.:	Country:
Date of issue:	Telephone:
Valid until:	Email:
Mobile phone:	
Email:	
Airport/town nearest to residence:	Emergency phone number :

EDUCATION (list the education of the candidate which is relevant to this training event)

Years attended		Name and place of institution	Field of study	Diploma or degree
from	to			

RECENT EMPLOYMENT RECORD (List the candidate's employment history which is relevant to the training event, commencing with current employer)

Years of service		Name and place of employer/organization	Title of position	Type of work
from	to			

DESCRIPTION OF WORK

Type of work done by the candidate during the past three years:

SURVEILLANCE PROGRAMME (fill this field only if applicable)

Not applicable

Is the candidate covered under a radiation surveillance programme in his/her home country?

- ☐ Yes. If yes, indicate the integrated dose during the last five years: mSv. Service provided by
- ☐ No

PREVIOUS PARTICIPATION IN AN IAEA ACTIVITY:				
Has the candidate participated in a previous IAEA activity related to emergency preparedness and response? If yes, please list each activity below:				
Event	Date	Place	Remarks	
LANGUAGE PROFICIENCY:				
(a) Mother tongue of the candidate:				
(b) Other languages:				
(c) Language of the training event:		English		
	Read	Write	Speak	Understand
Proficiency in the language of the training event	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good	<input type="checkbox"/> Good
	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average	<input type="checkbox"/> Average
	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor	<input type="checkbox"/> Poor
GOVERNMENT SECTION				
RELEVANCE OF THE TRAINING				
Explain why the candidate is suited to receive this training:				
TRAINING SPECIFIC RESULTS				
Summarize how the Government intends to build on this training to promote enhancement of emergency preparedness and response in the State (e.g. conduct similar national training events):				
FINANCIAL SUPPORT				
Is the Government requesting financial support for the participation of the candidate in this training event?				
<input type="checkbox"/> Yes (Approval subject to availability of funds) <input type="checkbox"/> No				
GOVERNMENT PRIORITY				
If the Government is nominating more than one candidate, please indicate the priority that should be given to this candidate (<i>One being the highest priority</i>):				
One <input type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/>				
(The IAEA Secretariat will consider this prioritization, but reserves the right to select the most suitable candidate considering the information provided on this form)				
GOVERNMENT STATEMENT				
The nominating Government gives the following assurances:				
a) All information supplied in this form is complete and correct; b) It is noted that the sponsoring organization(s), host country(ies) and host institution(s) do not accept liability for the payment of any costs or compensation arising 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 training event, and it, the nominating Government, undertakes the responsibility for such coverage; c) The position of the candidate will be retained for him/her and he/she will continue to receive during the training event a salary and related emoluments to enable him/her to meet his/her financial commitments in his/her home country; d) If selected, the nominee will conduct himself/herself in a manner compatible with his/her status as a participant and will refrain from engaging in any political and commercial activities; e) No facts are known to the Government regarding the reliability and character of the applicant which would obstruct giving him/her access to nuclear installations or institutions where ionizing radiation is used.				
Date		Name and title (printed) and signature of certifying Government official		