

**TRAINING IN THE AREA OF PREPAREDNESS AND RESPONSE TO RADIATION  
EMERGENCY PROVIDED BY THE IEC/NS**

***IEC/NS standardized training events***

<b>Application of the requirements (GS-R-2) and guide (GS-G-2.1.) on developing a national capability for response to nuclear or radiological emergencies (Fundamentals workshop)</b>	
Type	Workshop
Aims	To provide understanding and tools (the Methods) to develop and maintain capabilities for radiological emergency response at facility, local and national level that meets international requirements (GS-R-2 and GS-G-2.1).
Duration [days]	5
Target audience	Emergency planners, emergency response coordinators, emergency managers
Intended countries	Countries with basic or little regulatory infrastructure
<b>Preparedness and response for emergencies at NPPs (nuclear emergency response)</b>	
Type	Workshop
Aims	To provide understanding and tools to develop and maintain capabilities for nuclear emergency response at facility, local and national level (for threat categories I and II). To provide practical instructions for basic assessment and response functions to protect the public and workers during nuclear emergency
Duration [days]	5
Target audience	Emergency planners at facility and local levels, emergency response coordinators, emergency managers
Intended countries	Countries with reactors in threat category I and II but without emergency response capabilities consistent with IAEA guidance
<b>Preparedness and response for emergencies at research reactors</b>	
Type	Workshop
Aims	To provide knowledge and tools to be able to develop and implement an action plan to establish the capability to respond to emergencies at the research reactors. To provide practical instructions for basic assessment and response functions during an emergency at research reactor
Duration [days]	5
Target audience	Emergency planners at facility and local levels, emergency response coordinators, emergency managers
Intended countries	Countries with reactors in threat category I and II but without emergency response capabilities consistent with IAEA guidance
<b>Practical response to radiological emergencies, Part 1 - First Responders</b>	
Type	Train-the-trainers workshop
Aims	To provide understanding, knowledge and tools to be able to respond

	at the local level in a radiological emergency, and to train other responders at national courses/workshops.
Duration [days]	10
Target audience	Qualified emergency response co-coordinators, first responders (fire, police, medical, public information), persons responsible for training of first responders
Intended countries	All countries
<b>Practical response to radiological emergencies, Part 2 - Expanded Response.</b>	
Type	Train-the-trainers workshop
Aims	To provide understanding, knowledge and tools to be able support the local response to a radiological emergency, and to train other responders at national courses/workshops.
Duration [days]	10
Target audience	Qualified experts/radiation protection officers, national level responder responsible for medical response, law enforcement, public information, emergency response co-coordination, persons responsible for their training
Intended countries	All countries
<b>Medical education for radiation emergencies preparedness</b>	
Type	Train-the-trainers course
Aims	To provide the participants with the background educational knowledge in medical response to a radiation emergency
Duration [days]	5
Target audience	Emergency medical personnel (physicians and chief nurses who specialize in emergency medicine and may be involved in pre-hospital care for overexposed, injured or contaminated persons); relevant medical specialists (haematologists; radiopathologists; surgeons of burn departments); medical school professors teaching relevant subject; senior health administrators responsible for training, planning, and managing of medical response in a radiation emergency.
Intended countries	Countries with a limited or basic infrastructure faced with radiation hazards
<b>Procedures for medical response to radiation emergency</b>	
Type	Train-the-trainers course
Aims	To provide the participants with the knowledge in medical preparedness and tools for practical medical response to a radiation emergency
Duration [days]	5
Target audience	Medical doctors with basic experience in radiation medicine having the responsibility to respond in radiation emergency (pre-hospital or hospital level); medical specialists, chief nurses, emergency medical personnel, senior health administrators, and radiological assessors,

	hospital health physicists or radiation protection officers responsible to take part in medical response to radiation emergency
Intended countries	Countries with a limited or basic infrastructure faced with radiation hazards
<b>Monitoring during radiation emergency</b>	
Type	Train-the-trainer workshop
Aims	To provide strategy and skills for emergency monitoring
Duration [days]	10
Target audience	Qualified experts/radiation protection officers, assessment (monitoring) managers, persons responsible for training
Intended countries	All countries
<b>Inter-regional workshop on practical aspect of environmental monitoring</b>	
2 week practical workshop at which several national monitoring teams participate in monitoring operations in a contaminated environment (e.g. within the Chernobyl 30 km zone). The goal is to harmonize approaches and provide hands on tests of procedures and tools under realistic conditions.	
<b>Public information management in radiation emergency</b>	
Type	Course
Aims	To improve the efficiency and effectiveness in dealing with the media and public during radiation emergency
Duration [days]	5
Target audience	Public relation personnel at facility, local and national level, emergency managers, emergency co-ordinators
Intended countries	Countries with a limited or basic public information infrastructure for response to radiation emergency
<b>Preparing, conducting and evaluating an emergency response exercise</b>	
Type	Train-the-trainers workshop
Aims	To provide the participants with the knowledge and tools to be able to prepare, conduct and evaluate an exercise
Duration [days]	5
Target audience	Emergency preparedness personnel working in response organizations or the regulatory authority in the country
Intended countries	Countries without adequate plans for the preparation, conduct and evaluation of nuclear or radiological exercises
<b>Practical response to a malevolent acts involving radioactive material</b>	
Type	Train-the-trainers workshop
Aims	To provide the participants with the knowledge and tools to be able to prepare and respond to radiation emergencies resulting from malicious use of radioactive material
Duration [days]	5
Target audience	First responders (fire, law enforcement, medical), emergency managers, emergency planners, persons responsible for training of first responders
Intended countries	All countries