



IAEA

International Atomic Energy Agency

Atoms for Peace and Development

Arrangements for the Termination of a Nuclear or Radiological Emergency

Introduction to the Working Session
and Working Groups

01

Working Session

Purpose of the Working Session



- Apply in practice the knowledge gained throughout the Workshop.

Objectives of the Working Session



- Identify and apply the prerequisites for declaring a nuclear or radiological emergency ended with regard to a postulated emergency scenario.
- Identify activities necessary to be carried out during the transition phase to enable the prerequisites to be met.
- Recognize the preparedness infrastructure and other arrangements necessary to provide adequate capability for an effective response during the transition phase.

Inputs for the Working Session

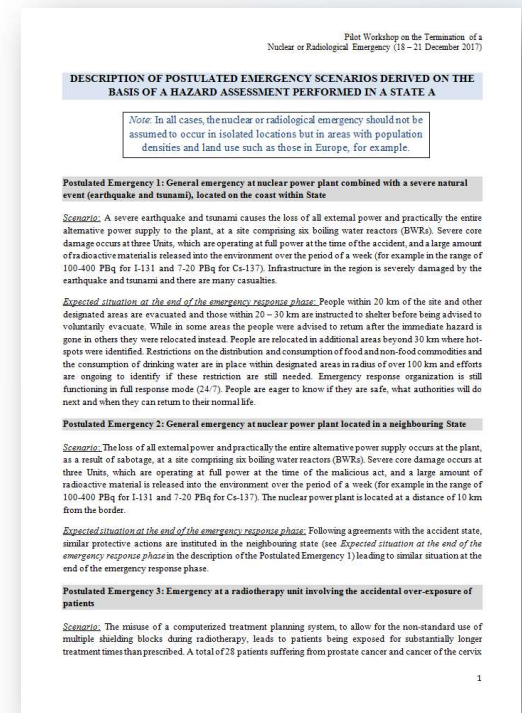


- Country A has conducted a hazard assessment for the purposes of emergency planning and developing a protection strategy.
- As a result of this activity, Country A has identified a range of postulated nuclear or radiological emergencies for which they need to prepare.
- Country A has good emergency arrangements for the emergency response phase, so its focus is on the transition phase.
- The postulated emergencies are likely to occur in populated areas rather than in isolated locations.

Inputs for the Working Session (cont'd)



- The following relevant 5 postulated emergencies have been derived:
 1. General emergency at a coastal nuclear power plant within the State combined with a severe natural event (earthquake and tsunami);
 2. General emergency at a nuclear power plant located in a neighbouring State;
 3. Emergency at a radiotherapy unit involving the accidental overexposure of patients;
 4. Unintentional dispersion of radioactive material in the public domain;
 5. Recovery of a stolen dangerous source.
- Detailed descriptions of each event are provided in your folder;



Inputs for the Working Session (cont'd)

- Workshop participants are divided into five Working Groups (A-E), and each working group has been assigned a postulated emergency scenario as follows:

WORKING GROUPS				
GROUP A	GROUP B	GROUP C	GROUP D	GROUP E
China	Canada	Greece	Egypt	Brazil
Germany	France	India	Kenya	Croatia
Iran	Lithuania	Korea	Mauritania	Georgia
Pakistan	Malaysia	Montenegro	Mexico	Indonesia
Ukraine	Romania	Switzerland	Slovakia	Slovenia
-	Luxembourg	-	Portugal	-
ASSIGNMENT OF A POSTULATED EMERGENCY SCENARIO TO A GROUP				
GROUP A – Postulated Emergency Scenario 1				
GROUP B – Postulated Emergency Scenario 2				
GROUP C – Postulated Emergency Scenario 3				
GROUP D – Postulated Emergency Scenario 4				
GROUP E – Postulated Emergency Scenario 5				

- You will also find this information in your folder.

Inputs for the Working Session (cont'd)



- The Working Session comprises of 4 parts, each of which has specific tasks and expectations.
- Each working group (WG) will consider these tasks in the context of the assigned postulated emergency scenario:
 - Participants within a WG are seated together to facilitate discussions.

Expectations



- To discuss the relevant issues within the WG and to elaborate the conclusions/work done:
 - Each part will be finalized with 5 mins. of feedback from each WG on how have discussions progressed;
 - Detailed presentations are expected to be given by the WGs on Day 4 (further information to follow).

Arrangements



- Each WG should select a coordinator to coordinate the work of the group and a rapporteur to report on the work of the WG:
 - Work within the groups may be divided among the members so that all aspects can be dealt with in the time available;
 - The outcomes from each part should be well documented!
- Each WG will have one lecturer assigned as a facilitator.
- Details of each part of the Working Session will be provided separately.



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Good luck!