



Joint Symposium 6

Radiation Protection Committee | International Atomic Energy Agency (IAEA)

Tuesday, October 22, 08:00 - 09:30

Session Title

Nuclear and Radiological Emergencies - Preparedness and Response

Chairpersons

Sigrid Leide Svergborn (Malmö, Sweden)

Jens Kurth (Rostock, Germany)

Programme

08:00 - 08:30 **Takeo Kurita** (Vienna, Austria): International Radiological Emergency Preparedness and Response - IAEA Response and Assistance Network

08:30 - 09:00 **Ursula Oestreicher** (Germany): Biological Dosimetry for Emergency Preparedness

09:00 - 09:30 **Wolfgang Burchert** (Bad Oeynhausen, Germany): Medical Management of Persons in a Nuclear or Radiological Emergency

Educational Objectives

1. What is a Radiological Emergency
2. National and Global Response Arrangements
3. Learn about safety standards, guidelines and technical tools for emergency response
4. How dose reconstruction works and what value it has
5. What can medical care look like in the event of a radiological emergency

Summary

With the general renaissance in the use of nuclear power for energy generation, new reactor concepts and, of course, the current increase in international tensions, the general risk of a radiological emergency situation is once again increasingly coming into focus. This places particular demands on organization, logistics and medical care. Interestingly, due to a lack of knowledge, nuclear medicine facilities in particular are often chosen as the first point of contact without being prepared to give sufficient information. The aim of the event is therefore to provide information on the international organization of emergency preparedness, possible risk assessment, sources of information, but also, for example, on emergency medical care and biological dosimetry.

Key Words

Radiological Emergency; Emergency Preparedness; Biological Dosimetry