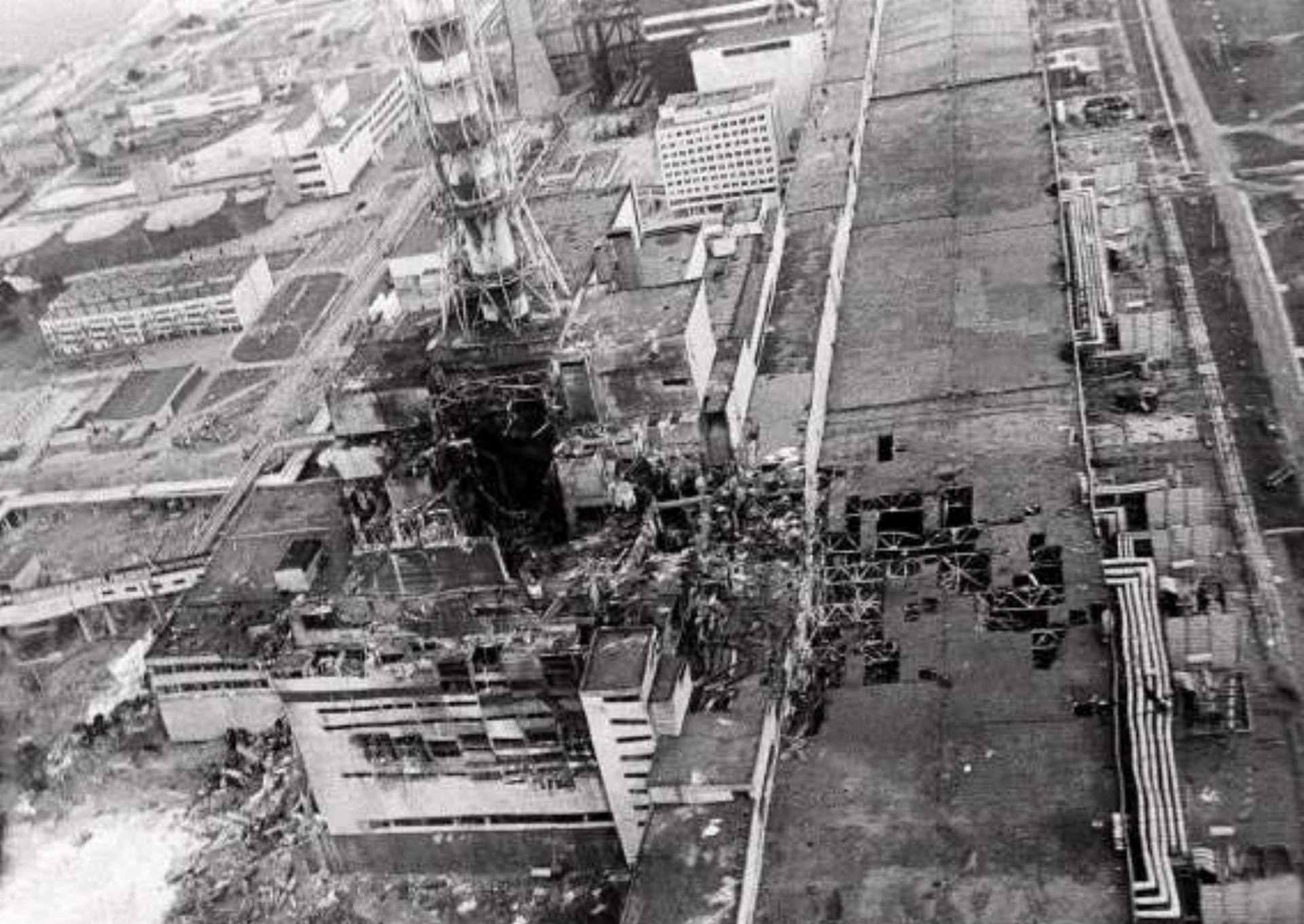


# Norwegian Nuclear Emergency Organisation

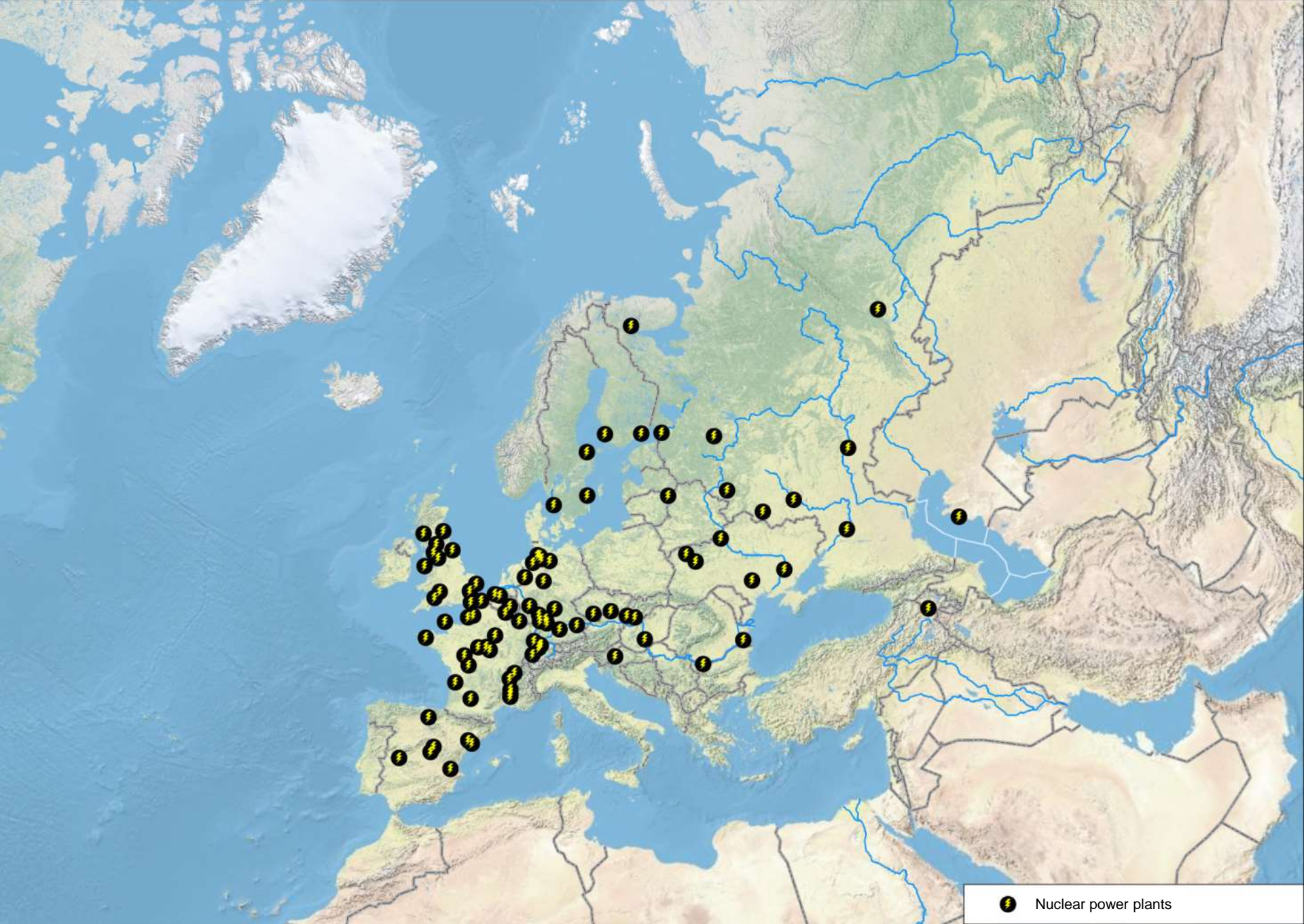
Inger Margrethe Eikermann,  
Head of Section High North  
Norwegian Radiation Protection Authority






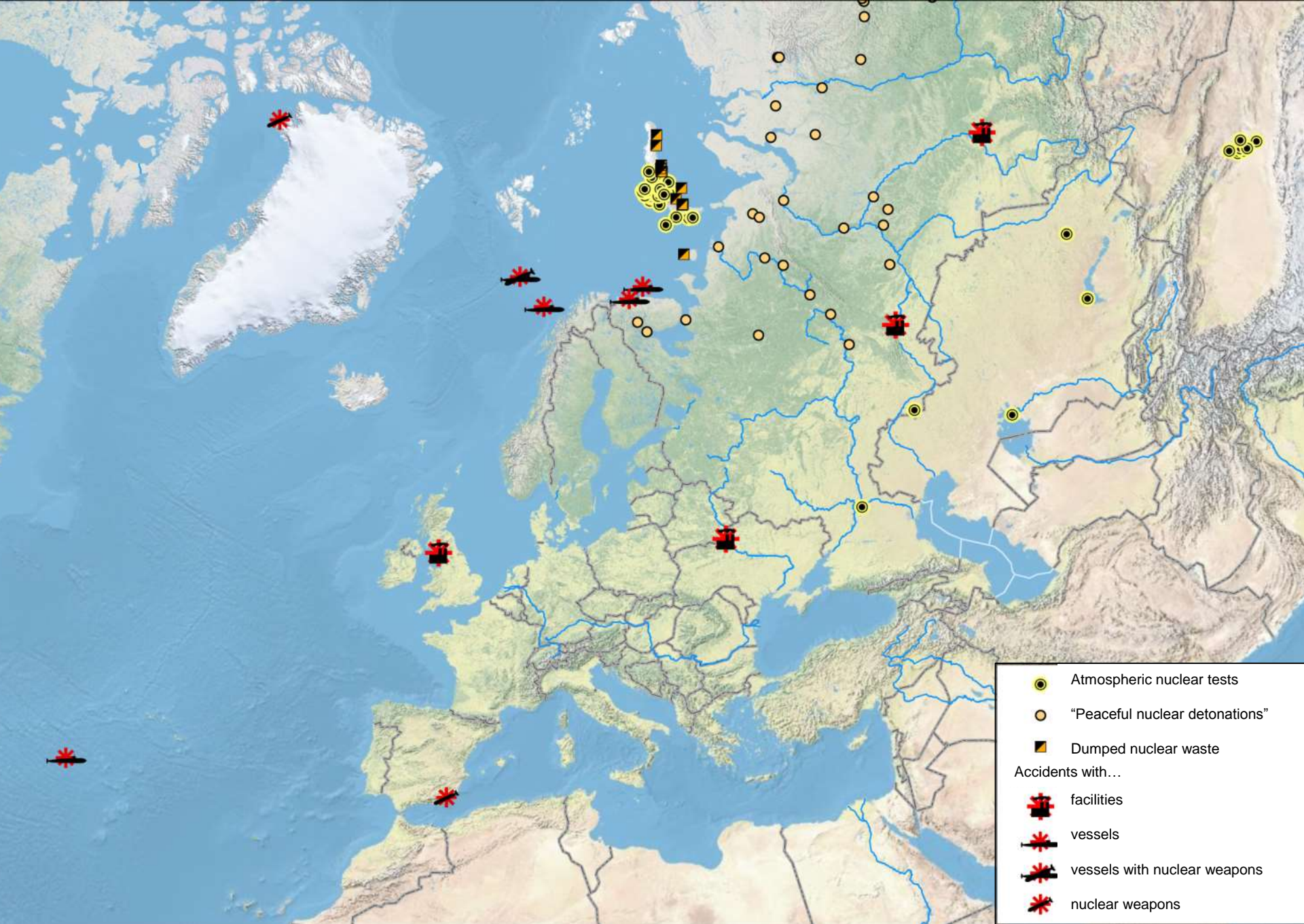


Chernobyl, April 1986



 Nuclear power plants

Nuclear power plants in Europe



Some previous events

# Nuclear emergencies in general...

- call for quick implementation of suitable mitigating measures
- may have consequences for large geographical areas
- often affects many sectors in the national government
- calls for good and specialized knowledge in order to make good assessments
- calls for good coordination of information to the media and the public
- often calls for good international coordination and information exchange



# The Radiation Protection Act § 16 (partly)

## First article:

“The King organises a preparedness towards nuclear accidents and other events involving ionising radiation or dispersion of radioactivity, in order to protect life, health, the environment and other important societal interests”

## Second article:

“In the acute phase described in the first article, the King may, without impediment from delegation of authority in other legislation, instruct national and local agencies to carry out evacuation, restrict access to areas and measures related to securing food stuffs, including drinking water and the protection of livestock. The King may further instruct private and public enterprises to perform analyses and gather information in order to assess the situation.”

## Third article:

“The King may further, without impediment from delegation of authority in other legislation, delegate his authority from the second article to a distinct national body for nuclear preparedness.”



# The Crisis Committee for Nuclear Preparedness (Royal Decree of 23 August 2013)

## Ministeries

### The Crisis Committee for Nuclear Preparedness

Norwegian Radiation Protection Authority (head)  
Norwegian Radiation Protection Authority  
Norwegian Directorate for Civil Protection  
Norwegian Defense  
National Police Directorate  
Norwegian Directorate of Health  
Norwegian Food Safety Authority  
Norwegian Coastal Administration  
Ministry of Foreign Affairs

**The Crisis Committee's secretariat**  
(Norwegian Radiation Protection Authority)

**Advisors to the  
Crisis committee**

**Information  
pool**

**County governors**

**Outer agencies**

**Municipalities**



# Advisors to the Crisis Committee

The Norwegian Institute for Agricultural  
and Environmental Research (Bioforsk)

Norwegian Environment Agency

The Norwegian Directorate of Fisheries

The Norwegian Defence Research  
Establishment

Oslo University Hospital, Ullevål dep.  
(national centre for CBRNe medicine)

The National Veterinary Institute

The Institute of Marine Research

The Institute of Energy Technology

The Norwegian Meteorological Institute

The Norwegian Institute of Public  
Health

The Geological Survey of Norway

The Norwegian Polar Institute

The Norwegian University of Life  
Sciences



# Mandate

In order to protect life, health, the environment and other important public interests:

- Authority to make decisions and issue orders concerning implementation of measures during the acute phase of a nuclear or radiological event
- Covers accidents/events resulting from intentional actions during peacetime and during political security crisis/war
- Mandate also covers events outside Norway and which do not have direct consequences on Norwegian territory, but affects Norwegian citizens or Norwegian interests abroad
- Advises ministries and other authorities in all phases of events and provides information to authorities, media and the public

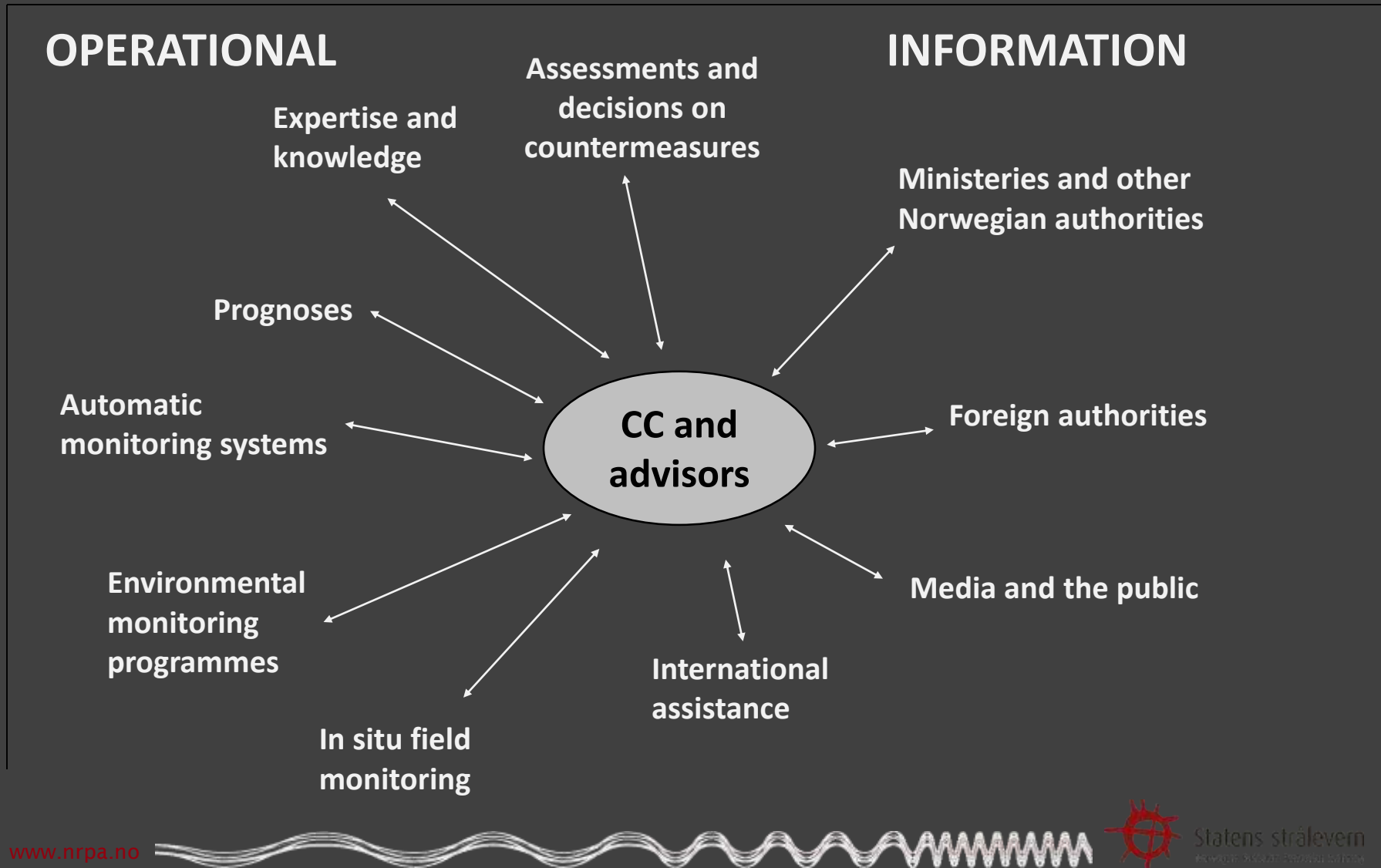


# Relevant mitigating measures during the acute phase

- Securing of areas that are or could be heavily contaminated
- Evacuation of local communities
- Short-term measures/restrictions regarding food production
- Decontamination of contaminated people
- Advice to the general public about staying indoors
- Advice about the taking of iodine tablets
- Dietary advice
- Advice about other consequence-reducing measures



# Management of events



# NRPA's role regarding emergencies

- Hosts and operates the Crisis Committee's situation centre
- National and international 24/7 warning point
- National competent authority
- Heads and is secretariat for the Crisis Committee



# Strategic planning



NRPA Report 2008:11 “Nuclear and radiological threats” (in Norwegian)



NRPA Report 2012:5 “Roles, responsibilities, crisis management and challenges in Norwegian nuclear and radiological preparedness” (in Norwegian)



NRPA Report 2010:13 “Consequences in Norway after a hypothetical accident in Sellafield”



NRPA Report 2012:4 “Potential consequences in Norway after a hypothetical accident at Leningrad nuclear power plant”



# Vulnerabilities in the Norwegian society

Vulnerable Arctic nature and ecosystems, and large coast and marine ecosystem

The fishing industry, the second largest industry, vulnerable to insidens and roumers

Natural resources/outdoor use, hunting and fishing

Sami culture and society

Norwegian reputation abroad



# Thank you

