

# Denmark

## EPR Fact Sheet

### Decision making

Off-site emergency preparedness and response in case of a nuclear accident with consequences for Denmark and/or Danish citizens abroad is the responsibility of the Danish state. The Nuclear Division at Danish Emergency Management Agency (DEMA) is responsible for emergency planning and preparedness, including online radiation surveillance and consequence assessment. In case of a nuclear incident, The National Operational Staff at the National Police will coordinate the response with DEMA and other relevant authorities. For all Danish authorities, the rule of sector responsibility applies, which means that the department or agency which has the daily responsibility for a given sector retains responsibility for that sector during a crisis.

### Advice

Nuclear Division at DEMA operate the decision support system, ARGOS, and the Nuclear Measurement System (NSM) with 14 stations throughout the country. The Danish Health Authority is responsible for radiation protection, and Danish Veterinary and Food Administration and the Danish AgriFish Agency are responsible for food supply and food safety.

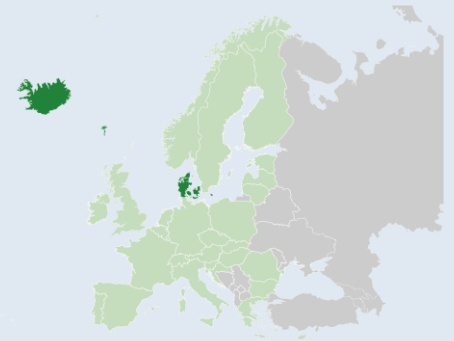
### Licensee

The Danish Health Authority (DHA) regulates and issues licenses to users of radioactive material. The Nuclear Regulatory Authority (DHA and DEMA) regulates and issues licenses for decommissioning of the research reactor facilities. DEMA regulates and issues licenses for nuclear security.

### Alarming

The National Police will alarm the public in case of a nuclear or radiological emergency

### Organizational structure



### Country info

|                   |                        |
|-------------------|------------------------|
| Capital           | Copenhagen             |
| Official language | Danish                 |
| Population        | 5,6 M                  |
| Area              | 42 925 km <sup>2</sup> |
| Currency          | DKK                    |
| Time zone         | UTC + 1                |
| Calling code      | 45                     |
| Internet TLD      | .dk                    |
| NPPs /ele. share  | 0/0%                   |

### NWP

Danish National Police  
Ejby Industrivej 135, 2600 Glostrup  
Denmark, phone +45 33148888

### NCA

Danish Emergency Management Agency  
Datavej 16, DK-3460 Birkerød  
Denmark, Phone +45 4590600

### Emergency website

<http://brs.dk/eng/operations/nuclear/Pages/nuclear.aspx>

### Bilateral agreements

Nordic Countries, Germany

### RANET capabilities

- Source Search and Recovery
- Radiation Survey
- Radiological Assessment and Advice
- Dose Assessment

## Nuclear facilities

Denmark does not have nuclear power plants. The former research reactor facilities are under decommissioning at the Risø site near Roskilde.

## Protection strategy

| Protective Action      | Generic Criteria | Operational Criteria   |
|------------------------|------------------|--|
| Evacuation             | 20 mSv           | Dispersion calculations, plant conditions  |
| Sheltering             | 10 mSv           | Dispersion calculations, dos rates<br>>100 µSv/t measured 1 m above ground after cloud passage |
| ITB < 40 a             | 50 mSv           | Dispersion calculations, plant conditions  |
| ITB < 18 a or pregnant | 10 mSv           | Dispersion calculations, plant conditions  |

### Comments

Denmark has decided on a reference level of 20 mSv for emergency exposure situations. In special situations the level can be adjusted up to 100 mSv.