

Good practices in implementing requirements on public information in an emergency under the BSS & NSD Directives

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European Commission

DG ENER D3-Radiation Protection and
Nuclear Safety

European priorities in radiation protection & nuclear safety

Nuclear
safety

Radiation
Protection

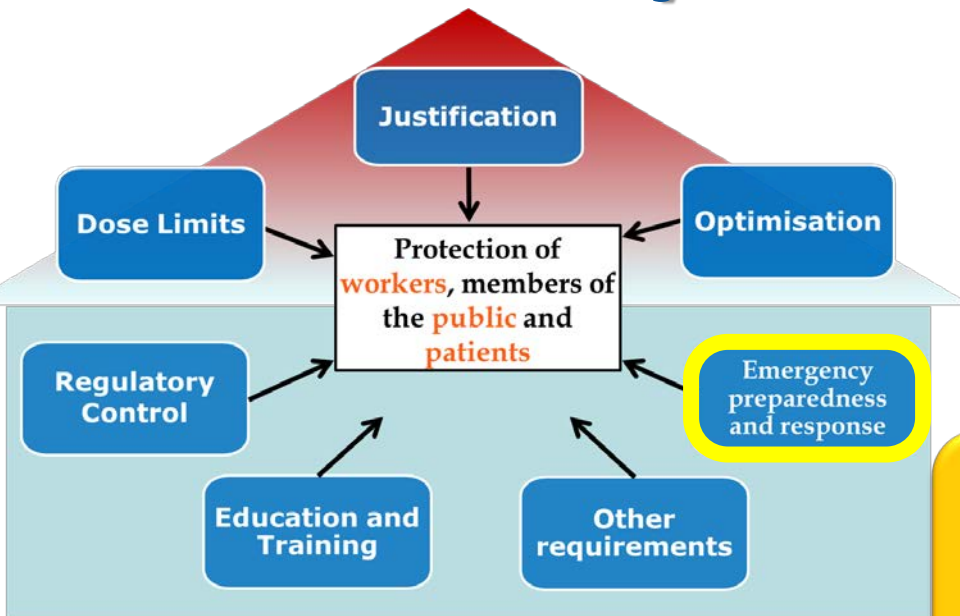
Waste
management

Emergency
preparedness
& response



New Basic Safety Standards Directive and EP&R

Directive 2013/59/Euratom



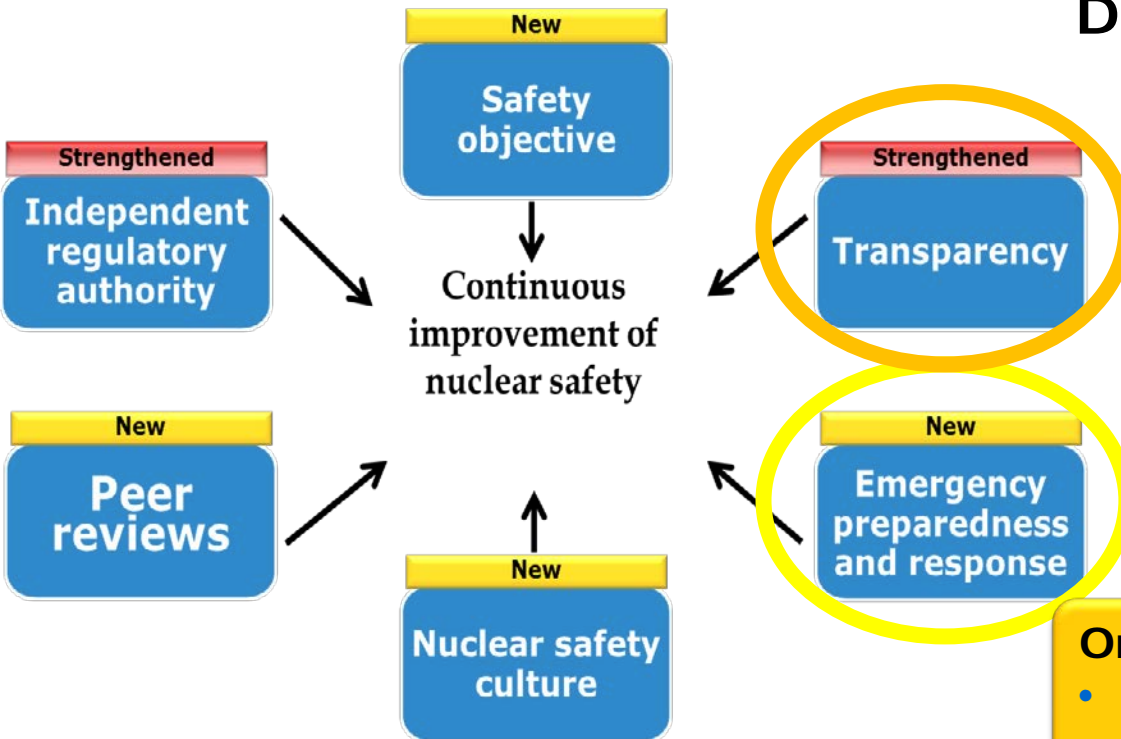
Strengthened EPR requirements

- Reference levels (Art 7)
- Emergency workers (Art 17-)
- Em. Occupational exposure (Art 53)
- Em. Response (Art 69)
- **Information to the public** (Art 70-71)
- Em. Management system (Art 97)
- Em. Preparedness (Art 98)
- International cooperation (Art 99)
- Annex I, **XI**, XII
 - Public information arrangements
 - Involvement of stakeholders

Transposition date: 6 February 2018

Amended Nuclear Safety Directive

Directive 2014/87/Euratom



Increasing Transparency

- Prompt information to workers & the public & other competent authorities in other MS's in case of accidents/incidents (Art 8)

On-site EPR

- Effective arrangements to respond to accidents, exercised
- Organisational structure, coordination
- Consistency, continuity with BSS provisions (Art 6, 8d)

Transposition date: 15 August 2017



Council Conclusions on off-site nuclear EP&R

The Council of the European Union in 2015 adopted a set of Council Conclusions:

- Highlight opportunities to achieve **consistent approaches** to protect populations
- Need for **coherent protection in cross-border situations**
- Importance of **off-site EP&R** to policymakers, decision-makers and the public

*"... stressing the benefits of **involving civil society in preparedness** activities, **in** particular when organising **nuclear and radiological emergency exercises**, to increase transparency and public participation, and to improve public confidence in the arrangements..."*

BSS, NSD Transposition and Implementation

Opportunity for
better
consistency

- Pre-transposition workshops, to facilitate common approaches in topics including EP&R
- Council Conclusions on EP&R: opportunity to improve mutual understanding, revisit, greater coherence
- HERCA-WENRA approach – improving coordination/alignment of response between neighbouring countries

Dialogue
with
stakeholders

- Parliament, civil society groups, industry, regulators, ENSREG
- NGO's, experts groups (Art 31, HERCA..)
- Civil protection authorities

Transposition and
implementation
checks

- 2018-2019
- Formal legal check of completeness & conformity of national legislation in all 28 MS

Implementation: Minimum rules or beyond?

COUNCIL DIRECTIVE 2013/59/EURATOM

of 5 December 2013

laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom

"..the tasks imposed on the Community by point (b) of Article 2 of the Euratom Treaty to lay down uniform safety standards to protect the health of workers and the general public **does not preclude**, unless explicitly stated in the standards, a Member State from providing for more stringent measures of protection. As this **Directive provides for minimum rules, Member States should be free to adopt or maintain more stringent measures** in the subject- matter covered by this Directive..."

Background of the current study

Feedback from civil society groups

- Aarhus Convention Roundtable on EP&R, (ANCCLI, IRSN, ASN, Nov 2016)
- Public information in EP&R, (NTW, Dec 2016)

Follow-up of earlier (ENCO) study

- Need to demonstrate EP&R arrangements are effective in practice



**New study on good practices in public information
in case of emergencies, 2017-2018**

Objectives of the study

- Promote effective implementation of **public information and transparency** provisions of **EU legislation**
- Review **effectiveness of existing arrangements** at national and regional levels **from a civil society perspective**
- Review **experience from past nuclear & radiological accidents vs** experience from **non-nuclear** industry, relevance to EU
- With a representative stakeholder group, to **identify good practices, areas of improvement**, and make practical/feasible recommendations for **implementation**

Expected outcomes of the workshop

- Receive **input of the civil society** , NGOs, stakeholders in EPR on the findings of the study
- Identify existing good **implementation practices in the EU** (in the nuclear and non-nuclear field)
- Identify **areas of improvement** into the existing arrangements

EU information exchange during a radiological emergency

ECURIE

European Community Urgent Radiological Information Exchange

- Early notification & information exchange in a radiological or nuclear emergency
- MS must promptly notify the Commission "*..when ..decides to take measures of a widespread nature in order to protect the general public..*"
- The Commission must make this notification available to all members
- Exchange on the current and developing situation

EURDEP

European Radiological Data Exchange Platform

- Radiological monitoring data exchange amongst 41 countries
- 4500 stations –exports to IAEA IRMIS
- EURDEP data is usually provided at least once a day
- During an emergency data is delivered at least once every hour

Public
website
available

EURDEP public website

<https://eurdep.jrc.ec.europa.eu>



Freely accessible maps for public & scientists:

- Simple **real-time monitoring map** shows the latest measurements of environmental radioactivity in the form of gamma dose rate averages and maxima for the last 24 hours (also for mobile and tablet browsers)
- **Advanced map** offers more specific, detailed information

Thank you for your attention!

