

# Second Topical Peer Review (TPR)

Second topical peer review (2022-2024) on fire protection at nuclear installations

## Why was fire protection chosen as a topic for peer review?

- Fire is a significant risk for nuclear installations.
- There is considerable experience on fire-related events.
- There is scope for reasonably practical improvements.
- It is a technologically neutral field.
- It was not covered by the previous evaluations or benchmarks initiated after the Fukushima accident.

## Scope of the 2nd TPR

The scope includes, in principle, nuclear installations that fall under the revised Nuclear Safety Directive (i.e. nuclear power plants, enrichment plants, research reactor facilities, spent fuel storage facilities and storage facilities for radioactive waste that are on the same site and directly related to the nuclear installations). It covers all stages in the lifecycle (facilities under construction, in operation and under decommissioning). A graded approach will be taken to focus the available means and resources on the relevant installations.

## Expected outcomes of the 2<sup>nd</sup> TPR

Member States carry out a national self-assessment and then arrange for competent regulatory authorities of other Member States to peer review them. The objective of the peer review process is to identify reasonably practical improvements for each country and follow up on them, and to support the future work of ENSREG.

## Transparency and stakeholder involvement in the 2<sup>nd</sup> TPR

Transparency and public participation will be ensured throughout the TPR process, including during the peer review. All relevant documents and reports will be published on [www.ensreg.eu](http://www.ensreg.eu) and there will be opportunities for public consultation. If you would like to participate, please contact your national regulator or consult the ENSREG website.

**‘The topic was chosen as fire is identified as a significant risk for nuclear installations.’**

Sylvie Cadet-Mercier, Chair of 2nd TPR

**National action plans stemming from this process help strengthen nuclear safety**

**Stakeholder engagement kick-off meeting held online on 22 June 2021**

Information on the TPR objectives and an opportunity for stakeholders to discuss fire protection at nuclear installations

## The 2<sup>nd</sup> TPR schedule and milestones

**2020**

Set up TPR Board to supervise the peer review process

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**2021/2022**

Technical specifications  
Terms of reference  
Stakeholder involvement plan



**2022/2023**

National self-assessment  
National assessment reports



**2024**

EU-wide peer review of national reports  
Desktop peer review, peer review workshop, reports of findings



**2025**

Peer review follow-up  
National action plans  
ENSREG action plan