Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety

National Action Plan

ENSREG Topical Peer Review
Fire Protection

Federal Ministry for the Environment, Climate Action, Nature Conservation, and Nuclear Safety (BMUKN)

Germany

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Federal Ministry
for the Environment, Climate Action,
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TPR II National Action Plan

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1. Introduction

Germany's nuclear regulations, which serve as the assessment standard for the work of the nuclear supervisory authorities, complement the existing conventional fire protection regulations as necessary. These regulations are regularly updated to reflect international standards and findings, ensuring that they remain aligned with best practices. Furthermore, German licensees engage in information exchange on fire safety through their own working groups and expert committees, fostering a collaborative approach to enhancing fire safety. The nuclear installations operated in Germany are continually adapted to the state of the art in science and technology in the field of fire safety, ensuring that they remain at the forefront of safety standards. The operating experience from German installations confirms the effectiveness of fire safety measures in place, demonstrating a strong safety record. The approach employed in fire safety analyses and fire protection concepts, as described in the national report, ensures that the high level of safety at German nuclear installations is maintained.

The Topical Peer Review has prompted a comprehensive self-assessment of Germany's fire safety practices, yielding positive results that indicate their effectiveness. The peer review findings validate this conclusion, confirming that Germany's fire safety measures are robust, functional, and aligned with international best practices. This affirmation underscores the efficacy of Germany's approach to fire safety, providing assurance that the country's nuclear installations continue to operate at a high level of safety.

2. Follow-up of findings from the peer review – national areas for improvement

No areas for improvement were identified in the peer review process.

3. Follow-up of other findings resulting from the self-assessment

No weaknesses were identified during the self-assessment.

4. Consideration of the other findings from the peer review to enhance fire protection

Germany considers that many of the good practices and good performances referenced are already an integral part of its existing practices.

5. Overall conclusions

The Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMUKN) recognizes the significance of this process in enhancing nuclear safety. We acknowledge that the TPR represents a crucial milestone in our ongoing efforts to enhance nuclear safety standards, and we will carefully consider the results and recommendations as we move forward.