

WENRA's 20th Anniversary 1999-2019

WENRA's contribution to the European Union's Topical Peer Review (TPR) and Insights from Switzerland

5th European Regulatory Conference on Nuclear Safety, 6/7 June 2019 Hans Wanner , PhD, Director General, Swiss Federal Nuclear Safety Inspectorate ENSI WENRA Chairman



WENRA's Contribution to the Topical Peer Review

Technical Specification

- July 2015: ENSREG selects «Ageing management for NPPs» as the topic for the TPR
- January 2017: ENSREG endorses the Technical Specifications as suggested by WENRA

WENRARHWG Report **Topical Peer Review** 2017 Ageing Management Technical Specification for the National Assessment Reports RHWG Report to WENRA 21 December 2016



Insights from the Swiss Experience

Material ageing as focus of the EU TPR on ageing management

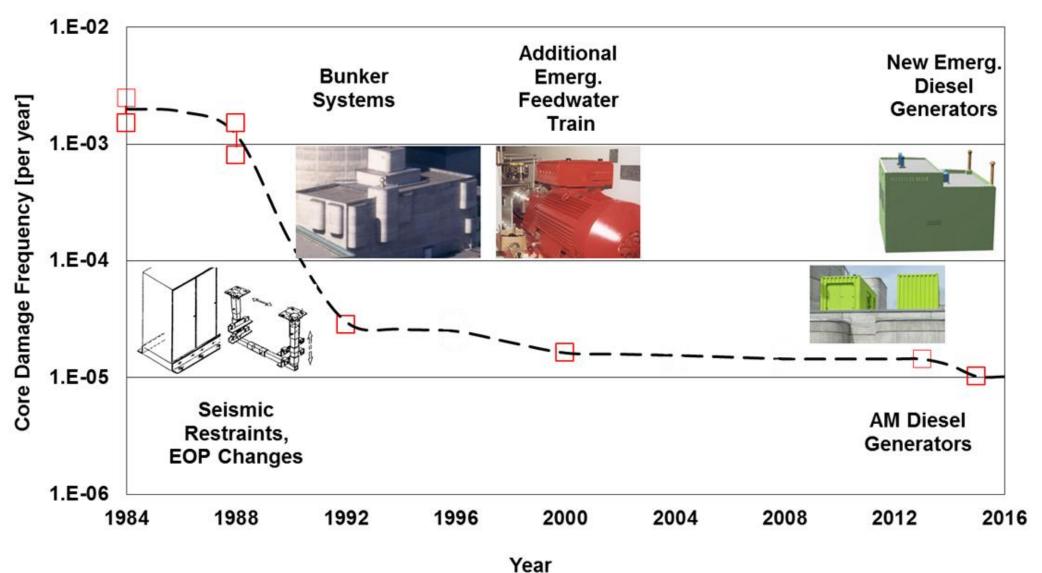
 Interesting issues have been identified for improvement (e.g., concealed piping)

Conceptual ageing of the design as second important aspect

- Swiss regulatory framework ask for review of obsolescence in the periodic safety reviews → safety evaluation for LTO
- Operators are asked to identify reasonably practicable safety improvements
- Backfittings must be implemented



PSA Results of Beznau NPP





ENSREG Conference | 6/7 June 2019 | Dr. Hans Wanner, WENRA Chairman



RHWG

REACTOR HARMONIZATION WORKING GROUP

WGWD

WORKING GROUP ON WASTE AND DECOMISSIONING

Thank you.

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