

# WENRA's 20th Anniversary 1999-2019

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

5<sup>th</sup> 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

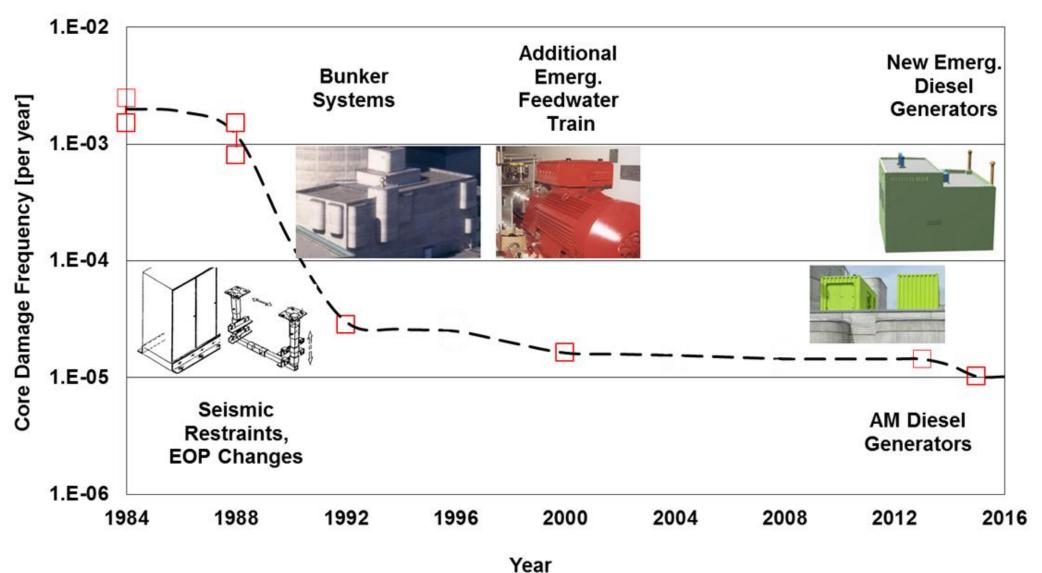
 Interesting issues have been identified for improvement (e.g., concealed piping)

#### **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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