



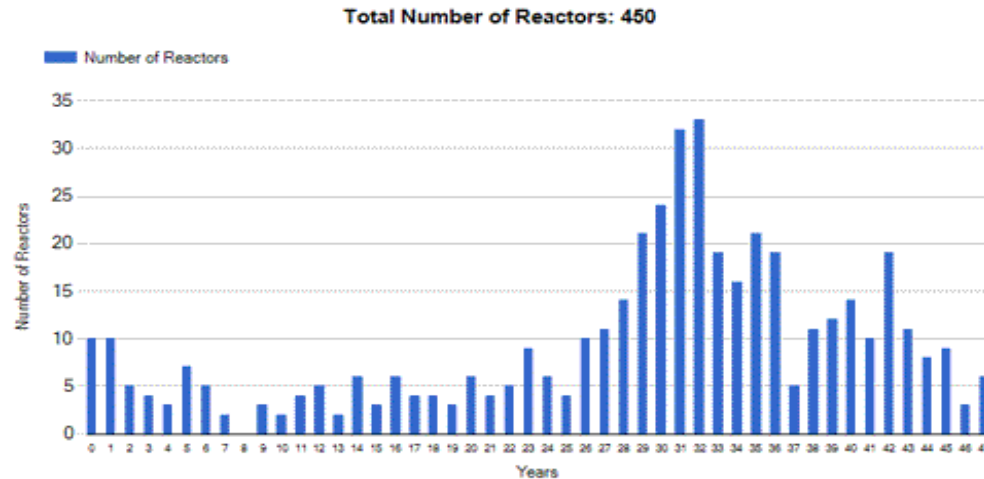
European Nuclear Safety Regulators Group

1st Topical Peer Review
Public event – 3rd May 2018
Brussels

Sylvie CADET-MERCIER
VP of the TPR Board

A federative exercise

- Several EU or non-EU countries have to face LTO



Number of nuclear reactors worldwide by age as of 2016-11-27 (IAEA 2016)

- The board to organize, harmonize, create a group dynamic for the benefit of all Participants
- More than 50 experts from 15 countries reviewing the reports
- The definition of a workshop agenda to encourage discussions and sharing on ageing management programs and their application
- More than 140 participants at the workshop + participants in webstreaming

A demanding exercise



FRANCE

SAFETY ASSESSMENT
OF NUCLEAR FACILITIES
IN FRANCE

AGEING MANAGEMENT

NATIONAL REPORT
PRODUCED PURSUANT TO ARTICLE 61
OF COUNCIL DIRECTIVE 2014/47/EURATOM
DATED 8 JULY 2014

December 2017

- A demanding first step to establish the national report for end of 2017
- Limited but highly committed human resources to review the reports, ask questions, identify the findings
- The necessity to share, in a constrained time, these findings with the other experts to get balanced and consistent analyses
- The definition of the good practices and issues to face with regard to LTO in order to share them with the participants at the workshop

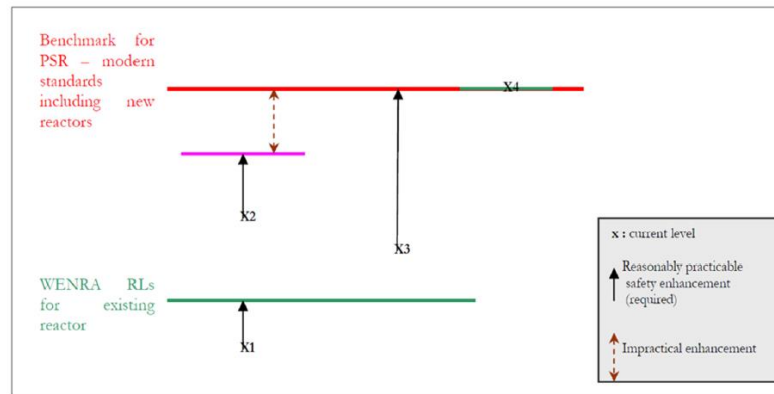
An ambitious exercise

- Share the practices in terms of AMP all over Europe
- Draw lessons of its application and the difficulties encountered (no shame game)
- Identify the best Practices to be widely shared among the Participants
- Pinpoint the shortcomings for which an international cooperation is needed to overcome them
- Showing EU is committed for the development of practical exercise resulting from directives with strong added value

PSR, an exercise to enhance safety



- Ageing leads to potentially degradation of material properties
- Ageing is taken into account in the safety demonstration (Reference Temperature for Nil Ductility Transition shift for RPV)
- AMP is a process to verify the soundness of the monitoring and maintenance programmes established to manage the ageing
- AMP can't be seen alone -> AMP is included in the PSR/LTO
- In the framework of the PSR, objective for new reactors used as a reference for safety improvements (NSD)



- Our Ambition is to gear towards enhanced safety levels with LTO

Thank you for attention

Questions ???