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## Structural and Lifetime Assessment Department Integrity and Technical Engineering Division



# AGEING MANAGEMENT AND LTO SUPPORT

VVER 440 Dukovany NPP supported by UJV in successful LTO justification of all 4 units

### Value for customers

- Support of experienced organization ageing management and LTO (long term operation) justification
- Deep knowledge and practical experience with application of IAEA safety standards and other publications

### Application

- Establishment of ageing management during commissioning or early phase of operation
- Enhancement of ageing management during operation
- Technical support, evaluation, calculations and analyses
- Development of licensing documentation for LTO
- Capacity building in ageing management, LTO and PSR
- Preparation of facilities personnel for review missions such as SALTO, OSART
- Support in resolution of related SALTO/OSART mission findings

### What we offer

- Ageing management and LTO project management/ overall support
- Plant Life Management (PLIM) process support

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- Methodologies development
- Scope setting
- Ageing management review (AMR)
- Development, implementation and improvement of ageing management programmes (AMPs)
- Identification and revalidation of time limited ageing analyses (TLAAs)
- Data management
- All in line with IAEA safety standards

### Our references

- Ageing management and LTO related projects for:
  - Dukovany and Temelin NPPs, Czech Republic
  - Jaslovske Bohunice and Mochovce NPPs, Slovakia
  - South Ukraine, Khmelnycky, Rivne and Zaporozhie NPPs, Ukraine
  - Kozloduy NPP, Bulgaria
  - Armenian NPP, Armenia
  - Akkuyu NPP, Turkey



VVER-1000 Temelin NPP supported by UJV in implementation of ageing management since early phase of operation