

Radiation Chemistry and Environmental Qualification Department Integrity and Technical Engineering Division



CABLE AGEING MANAGEMENT PROGRAMME

Cable deposit at NPP

Value for customers

- Ageing management programme allows to specify the lifetime of the cables in different locations of NPP environment
- Knowledge of environmental parameters allows to precisely determine the service lifetime of cables and other qualified devices
- Latest scientific research results considered

Application

- Nuclear power plants and other nuclear facilities
- Space

What we offer

- More than 25 years of experience
- Development and implementation of Cable ageing management programme (cables, connectors, glands, penetrations, fibre optic cables). The program includes various activities, such as tracking trends in changes of properties in terms of NPP operation,

Contact details

Vit Placek
Head of Radiation Chemistry
and Environmental Qualification Department
phone: +420 777 568 405
e-mail: vit.placek@ujv.cz

ÚJV Řež, a. s., Hlavní 130, Řež, 250 68 Husinec,
Czech Republic
phone: +420 266 172 000, e-mail: sales@ujv.cz
Integrity and Technical Engineering Division
phone: +420 266 173 445, e-mail: integrity@ujv.cz
www.ujv.cz

preparation and implementation of surveillance cables deposits, environmental monitoring, evaluation of residual service lifetime of cables

- Monitoring of temperature, humidity, and radiation dose rates and fluence of neutrons during reactor operation
- Laboratory work carried out in a testing laboratory accredited according to ČSN EN ISO/ IEC 17025:2018
- Installing cables deposits to determine the trend of properties changes during operation, possible for cable testing at accident conditions including severe accidents

Our references

- The implementation of a continuous programme of ageing management of cable sets at Czech nuclear power plants
- Monitoring of environmental parameters at NPPs (Forsmark, Koeberg, Olkiluoto, Krsko, Dukovany, Temelin, etc.)
- International cooperation within the IAEA, OECD / NEA, EPRI and the EU
- “EPRI Technology Transfer Award” for implementation of cable ageing management programme



EPRI Transfer Technology Award for Cable Ageing Management Programme Implementation