

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



## AGEING MANAGEMENT OF SAFETY VALVES

Electrical connection with embedded torque sensor

#### Value for customers

 Shift from the periodic maintenance to predictive maintenance - valve maintenance performed based on real conditions and not in fixed periods

#### **Application**

- Used for both air and motor operated valves
- Helps to save operational costs and plan maintenance works
- Reduces unnecessary work

#### What we offer

- Development of nuclear power plant (NPP) ageing management programme
- Measurement of valves` electrical parameters
- Measurement of valves` mechanical parameters
- Monitoring of selected parameters indicators
- Calculations computational evaluation of functionality
- In-house developed programme for valve analysis (VAP)
- OpEx sharing (EPRI, IAEA, OECD/NEA)

### **Contact details**

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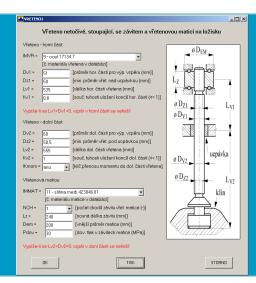
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#### **Our references**

- Complex services for Dukovany and Temelin NPPs, Czech Republic
- Nuclear grade valves` manufacturers including AG Group, I.B.C. Praha, ARAKO Opava, MSA Dolní Benešov



In-house developed programme for valve analysis (VAP)