

Introduction to the regional roundtable: NPP Krsko (Croatia – Slovenia)

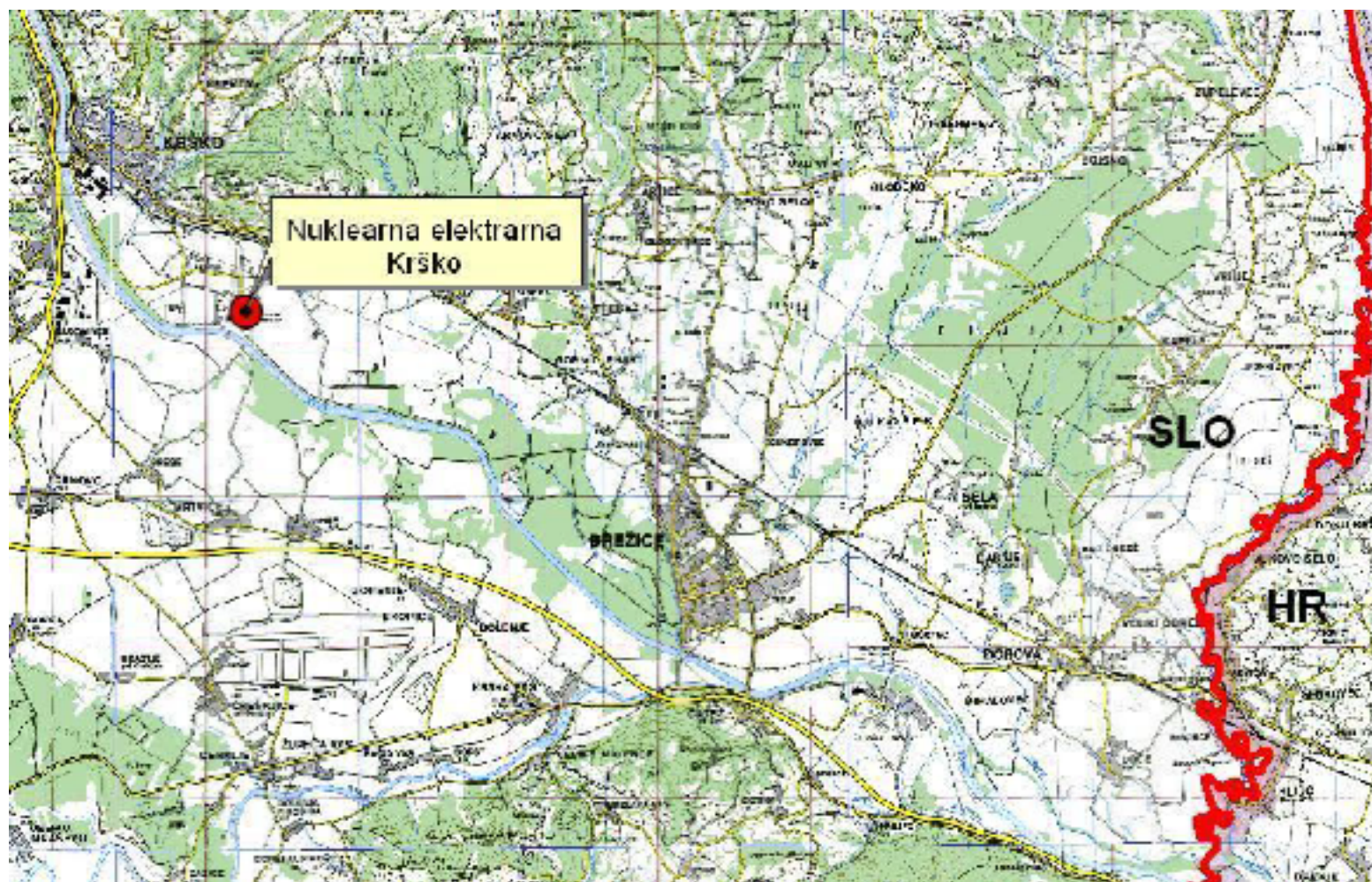
Aarhus Convention and Nuclear Roundtable
„EP&R to nuclear accidental and post-accidental situations“
Luxembourg, 29 & 30 November 2016

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Chair of WG EP&R of Nuclear Transparency Watch

Nuclear power plant Krško

- NPP Krško:
 - PWR, Westinghouse, app 700 MW electrical
 - Co-owned 50 : 50 % between Slovenia and Croatia
 - Located in SE of Slovenia near city Krško,
 - Cities :
 - Krško (3 km), Brežice (6 km), Brestanica (7 km), Kostanjevica na Krki (13 km), Sevnica (18 km), Novo mesto (32 km), Ljubljane (70 km), in Slovenia
 - Zagreb (35 km) in Croatia
 - On site: 121 FA in core, SF pool with app. 1000 spent fuel assemblies (16x16 rods in 1FA, 3.67 m long, UO₂, enrichment up to 5%), damaged FA in the pool.
 - Refueling every 18 months now: app. ½ of core removed.
 - Theoretically prolongation of life time from 2023 until 2043 approved,
 - Plans for LILW repository next to NPP, dry storage for SF on site, new NPP built is under discussion,
 - SF and HLW disposal after 2065.

Location of NPP Krško



Context

One round table on EP&R related to NPP Krško organised by NTW in October 2014.

Objectives:

- Provide information on the EP&R related to NPP at different levels,
- Inform about the development on EU level,
- Increase the trust and co-operation between the parties,
- Identify the needs for future work.

More than 50 participants from all stakeholders from Slovenia and Croatia attended.

Key concerns and issues:

- Information for the public (availability, proper information, proactivity)
- Reality of scenarios and consequently plans
- Transboundary harmonisation of emergency zones
- Long term strategies and plans

