



REPUBLIC OF CROATIA
STATE OFFICE FOR RADIOLOGICAL AND NUCLEAR SAFETY



Transboundary aspects on EP&R situations Slovenia-Croatia

Saša Medaković
(Davor Rašeta)

Aarhus Convention and Nuclear Roundtable
« Nuclear Emergency Preparedness and Response » (EP&R)

Introduction



- Slovenia – Croatia – long and successful partnership in nuclear project (Krško NPP in operation from 1983.)
- Krško NPP, 10 km Croatian border, 30 km Zagreb (Capital, 1.000.000 population)
- Off site EP&R state obligation
- EP&R in Croatia from 1999
- EP&R in Croatia and Slovenia not fully harmonized
- Last attempt for harmonization in 2014-2015
- In 2015 and 2016 significant advancement in communication

Emergency planning zones in Croatia



- UPZ – Slovenia
- - UPZ – Herca/Wenra
- EPD – Croatia



EP&R Harmonization process

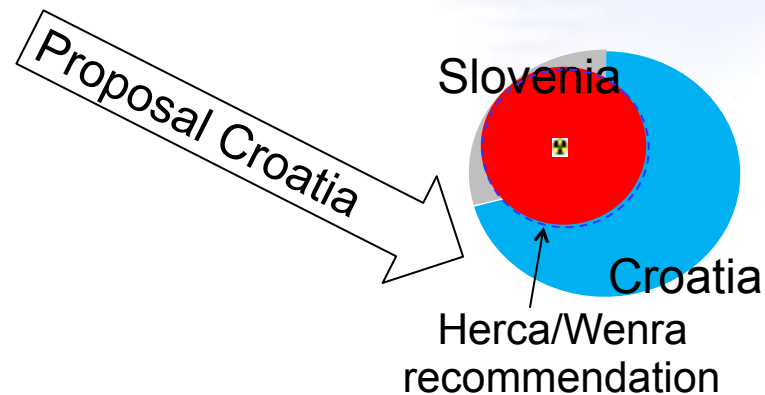
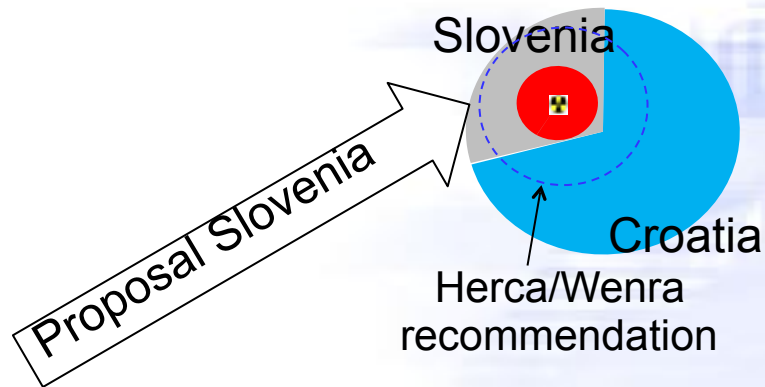
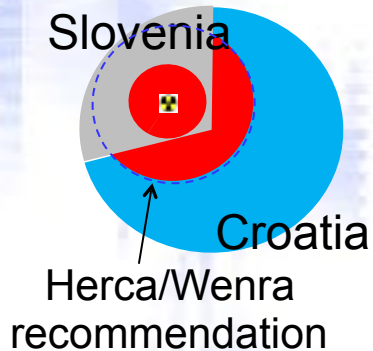


Activity	Transboundary aspects	Harmonization
Public Awareness	Yes	No
EP&R Planning	Yes	Partially
Capacity development	Partially	No
Training and education	Partially	Partially
Communication channels	Yes	Yes
Emergency decision making	Yes	Partially
Public communication in Emergency	Yes	?
Counter measures implementation	Yes	Partially

Emergency Planning Zones (UPZ) Harmonization



Current situation



EP&R Capacities



Nuclear facility country



Neighboring country



EP&R Harmonization ?

HERCA/WENRA Approach



Activity	Transboundary aspects	HERCA/WENRA
Public Awareness	Yes	Yes
EP&R Planning	Yes	Yes
Capacity development	Partially	No
Training and education	Partially	Yes
Communication channels	Yes	Yes
Emergency decision making	Yes	Yes
Public communication in Emergency	Yes	Yes
Counter measures implementation	Yes	Yes

HERCA/WENRA Approach gives a solid basis for EP&R Harmonisation

Conclusion



- Harmonization in every EP&R Phase
- EP&R is not (only) technical problem
- Transboundary aspects and possibilities of extension of measures beyond planned and prepared areas
- Transparency in harmonization process?
- Agreement on common approach for harmonization
- Clear understanding and acceptance on differences in neighboring countries