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# GMF Seminar

Krško, 6.10.2020



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## FINAL LOW AND INTERMEDIATE RADIOACTIVE WASTE REPOSITORY

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- NPP Krško closure is planned in 2023
- Low and intermediate temporary repository is 97% full
- NPP operator would like to prolong life until 2043
- They must build final repository to gain place for additional 20 years of operating
- Process of placing started in 2005
- In 2009 location was determined and local community consent was gained
- 11 years of negotiation with Croatia followed
- In 2020 they are in the way to get permission to build



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## SLOVENIA NATIONAL ENERGETICS PLAN

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- Government accepted NEP in 2020
- Nuclear power is recognized as important source of energy
- That opens possibility of building new Nuclear Power Plant
- New NPP is in process of acquireing energetics permission which is the firs step toward building new NPP
- New NPP should be finished in 10 to 15 years
- Important! Slovenia will stay among countries with NPP ifever NPP Krško 1 will be closed in 2043



## DRY SPENT FUEL STORAGE

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- Capacity of wet storage inside NPP is almost exhausted
- Fukushima incident caused redesign of temp storage according good practices in other countries (US, UK)
- Decision to build dry storage was accepted 3 years ago
- Dry storage is safer against flood and has pasive cooling without need of external power
- Capacity is enough to store all spent fuel from begining until 2043
- It should be active for 100 year or until solution of final repository
- Location is on site, will be finished in 2023



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## MUNICIPALITY COMPENSATION STABILITY

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- Municipality receive compensation in amount of 8,5 milion EUR per year from NNP and Fund for decommissioning
- Compensations are regulated by government
- Every new government is trying to change compensations, mostly to lower them
- Municipality requires regulation by law to get some long term usurance and avoid political influence
- We are now in middle of decommission fund law change which has influence on compensations. It has strong tendence of minoring local community role in monitoring of fund.

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**Thank you !**