

KONTAMINOVANÉ ZEMINY V AREÁLI SE-VYZ V RÁMCI VYRAĎOVANIA JADROVEJ ELEKTRÁRNE A-1

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ABSTRACT

Chnapko P., Slávik O., Nižnanský V. & Matušek K.: **Management of radioactively contaminated soil within the frame of NPP A-1 decommissioning**

The paper deals with radioactively contaminated soil and activities within the first stage of Decommissioning Project of Nuclear Power Plant A-1 Jaslovské Bohunice. Contaminated soil have been placed in areas (No. 41 and No. 44/10) of underground storage tanks for liquid radioactive waste. Surface monitoring of the soil was done with the shielded scintillation detector NB 3201 equipped with a collimator. ¹³⁷Cs is a major contaminant in surface layers of the soil. The monitoring of the underground space in vicinity of storage tanks was done by drilling exploration. Cleanup of soil was