

ATOMEX-EUROPE

DYRY

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Tamás Takács

Radioactive Waste Management and Environmental Protection Department

Key Products

- Decision supporting and feasibility studies
- Site selection and characterisation, evaluation of environmental characteristics, impact assessments, preparation of environmental impact studies
- Independent expert reports
- Safety analyses
- General design
- Conceptual, basic, licensing, detailed design, as-built plans for handling, pretreatment, treatment, conditioning, transport, storage and disposal of radioactive waste



NUCLEAR FACILITIES IN HUNGARY

BME NTI • - Nuclear Technical Institute of Budapest Technical University 0,1 MWth; atmospheric; open surface; teaching aid; fresh water cooled KFKI AEKI - Nuclear Energy Research Institute (Budapest) 20 MWth; atmospheric; open surface; research projects and industrial radiation; dry cooling tower PURAM - Interim Spent Fuel Storage (ISFS) (next to Paks NPP) - Low and Intermediate Radioactive Waste Repository in Bátaapáti - Radioactive Waste Repository in Püspökszilágy (medical and other industrial wastes) PAKS NPP - Paks Nuclear Power Plant • VVER-440; 4 x 440 MWe increased to 4 x 500 MWe; fresh water cooled







Nuclear Facility Radioactive Waste Management Reference Projects

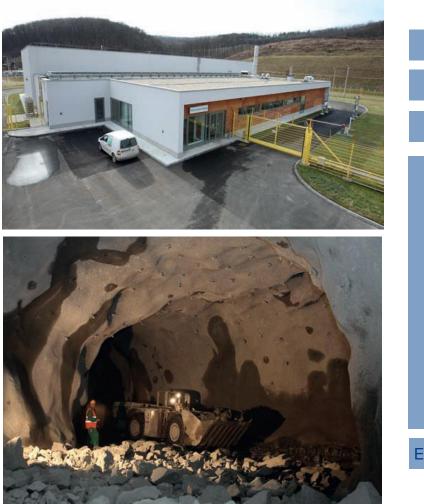


Site/Plant	Paks NPP
Country	Hungary
Client(s)	Paks NPP
Services	 Development of complex waste management strategy Conceptual, technical and detailed design of different waste management systems:
	 Evaporator Volume reduction of compactable waste by use of compactor of medium pressing force
	 Extension of liquid radioactive waste storage tank park
	 Liquid radioactive waste treatment technology



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Waste Disposal Facility Reference Project



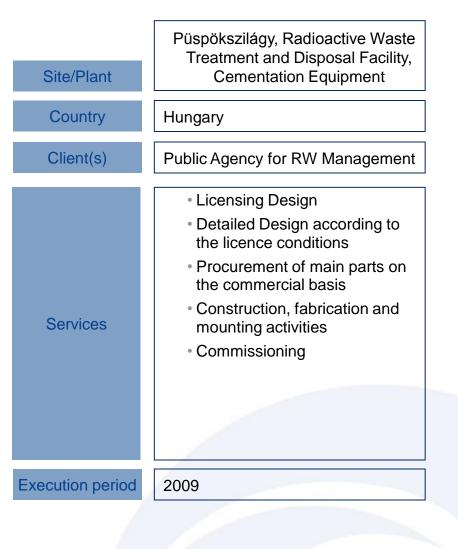


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Institutional Waste Treatment Reference Project





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Environmental Protection Reference Projects



	Environmental licensing of lifetime extension of Paks NPP
Site/Plant	
Country	Hungary
Client(s)	Paks NPP
Reactor type	VVER
Services	 Environmental monitoring activities, covering: Surface and subsurface waters Meteorology Hydrogeology Consideration of human and non-human biota as receptor species Investigation of mixing of cooling water in Danube river Preliminary and Detailed Environmental Impact Statements
Execution period	2004 - 2007

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Thank you for your attention!

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