

Slovak Republic

Nuclear regulatory authority

Úrad jadrového dozoru SR (Nuclear Regulatory Authority of the Slovak Republic) is responsible for regulation of nuclear safety, and the Ministry of Health of the Slovak Republic, Public Health Authority of the Slovak Republic for regulation of radiation protection.

Nuclear activities

There are four PWRs reactors in operation, two of them are located at Bohunice site (V-2) and two at Mochovce (1&2). Two reactors at the Bohunice site (V-1) have been definitively shut down, first unit in 2006 and second in 2008. At present both reactors are in the first stage of decommissioning. One HWGCR (A-1) at the Bohunice site was shut down in 1977 after an accident and it is under decommissioning. Two PWR reactors are under construction at the Mochovce site.

Radioactive waste and spent fuel management

Activities within the radioactive waste and spent nuclear fuel management are implemented in following nuclear facilities:

- Technologies for Treatment and Conditioning of Radioactive Waste
- Interim Spent Fuel Storage
- Final Processing of Liquid Radioactive Waste
- National Radioactive Waste Repository

The Technologies for Treatment and Conditioning of Radioactive Waste are located at Bohunice site and consist of Bohunice Radioactive Waste Treatment Centre and bituminization facilities. In the Bohunice Radioactive Waste Treatment Centre radioactive wastes are sorted and processed in lines for fragmentation, concentration, cementation, super-compaction and for incineration.

The Interim Spent Fuel Storage is in operation at Bohunice site, where the project of storage capacity increasing and seismic improvement has been implemented.

The Final Processing of Liquid Radioactive Waste and the National Radioactive Waste Repository are situated in the locality nearby of nuclear power plant Mochovce.

At the locality Bohunice there are installed also experimental radioactive waste treatment facilities which are currently in safe enclosure stage, preparing for decommissioning and dismantling.

Main legal instruments

Act No. 541/2004 Coll. on Peaceful Use of Nuclear Energy (Atomic Act) and on amendment and alterations of other acts; Act No. Act 211/2000 Coll. on Free Access to Information, amending some other Acts; Act 205/2004 Coll. on Collecting, Keeping and Distributing Information on the Environment. Act No.: 24/2006 Coll. on the Environmental Impact Assessment; Act 275/2006 Coll. on Information System for Public Administration and in addition Governmental Decrees regarding openness and transparency of state administration bodies and National Conception of Informatisation of the Public Administration. Other legal instruments are on the [UJD SR website](#).

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