NUCLEAR ENGINEERING SEIBERSDORF

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Nuclear Engineering Seibersdorf

Consolidated Competence in Nuclear Engineering

At Nuclear Engineering Seibersdorf GmbH (NES), all radioactive substances produced in Austria are collected, safely conditioned, and temporarily stored until their final disposal. By that, nuclear activities have been outsourced to a dedicated company as part of the reorientation of the ARC group.

On the basis of long-term contracts with the Austrian Ministry of the Environment and the Austrian Federal Ministry of Transport, Innovation and Technology, which is responsible for ARC, our company primarily performs tasks commissioned by the Republic of Austria, whereby the highest safety levels and latest technical standards must be guaranteed.

Our 40 plus experts in four business areas guarantee the safe handling of all radioactive substances produced in Austria. We ensure environmentally compatible conditioning and safe storage. Priority is given to the protection of people and the environment in both the short and long term.

International Cooperation

International collaborations ensure that radioactive waste is conditioned and nuclear facilities are decommissioned in accordance with international standards. In order to build up and secure expertise in nuclear engineering, NES is involved in numerous collaborations with the IAEA, the Atomic Institute of the Austrian Universities, and with centers abroad.

Processing of Radioactive Substances

Disposal of radioactive substances and their safe storage is the responsibility of the Austrian Ministry of the Environment, which commissions the plants and facilities required for radioactive substances. Interim storage of low- and intermediate-level radioactive waste in Austria takes place on site at the company.

Hot Cell Laboratory and Decontamination

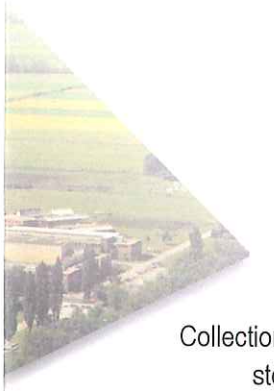
Special facilities and experienced personnel are required for the safe handling and decontamination of radioactive substances. Plants and facilities are decontaminated in accordance with strict safety requirements.

Decommissioning of the Research Reactor

Our experienced operational team has taken on the task of decommissioning the 10 MW research reactor after 40 years in safe operation. Following a thorough environmental impact assessment, decommissioning will be concluded by mid-2006, thus setting European benchmarks for dismantling time and costs.

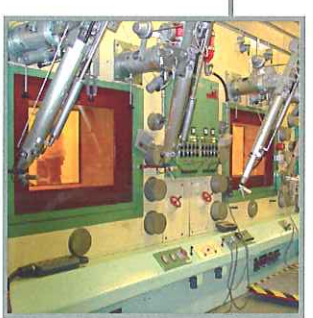
Operational Safety

Safety requirements will have top priority during the decontamination of contaminated facilities and the conditioning and storage of radioactive waste. Our focus will be on site-specific radiation protection and the large experience and expertise in radioactivity measurements of NES operational safety personnel. Numerous measurement and test facilities are available for radiation protection purposes.



Processing of Radioactive Substances

Collection, processing, conditioning and interim storage of radioactive waste · Assistance in final storage matters

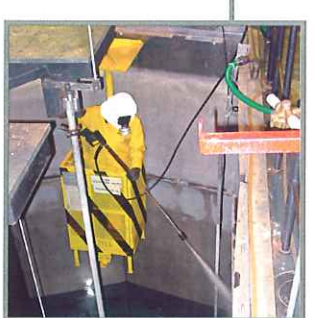


Hot Cell Laboratory and Decontamination

Safe and secure handling of radioactive materials · decontamination

Decommissioning of the Research Reactor

Decommissioning of nuclear facilities from the planning stage to the final release of the site



Operational Safety

Handling of unsealed radioactive materials · security of special nuclear materials · access and plant control

Contact

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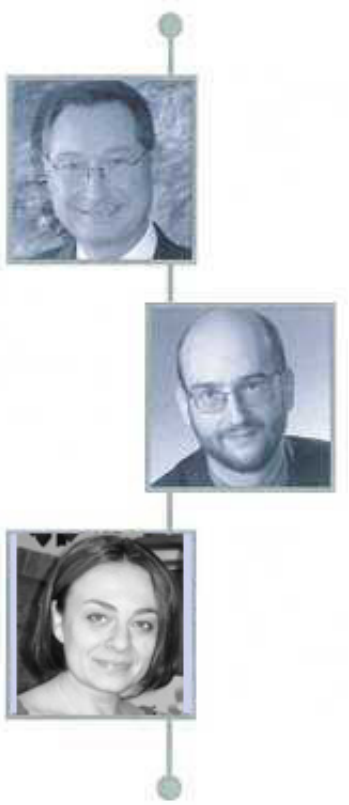

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