# Groups Overview

Country: AUSTRIA Reporting Year: 2011

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|---|---|
| **Reporting Group:** | **NES** |
| Inventory Reporting Date: | December 2011 |
| Waste Matrix Used: | IAEA Def. |
| Description: | |

| Site Name | Facility Name | Facilities Defined | | |
|---|---|---|---|---|
| NES | Cement fac | processing | | |
| | Compactor | processing | | |
| | Drier | processing | | |
| | Drumdrier | processing | | |
| | Incinerat | processing | | |
| | Interim | | storage | |
| | RawStorage | | storage | |
| | Sorting | processing | | |
| | WWTF | processing | | |

Comment **# 20249: Reporting Group NES**

The informations are in line with the 4th National Report on the implementation of the obligations of the Joint Convention on the Safety of
Spent Fuel and on the Safety of Radioactive Waste Management
October 2011

Comment **# 20255: Reporting Group NES**

New concept for future radioactive waste-management:
In compliance with the Joint Agreement between the Republic of Austria, Nuclear Engineering Seibersdorf GmbH and the Community of Seibersdorf, long-term interim storage ("transfer-storag") of radioactive waste has to be assured until 2030. This extension of the storage time for the existing (and future) radioactive waste requires significant investments in new buildings and machinery and additional measures for the stored containers with radioactive waste (additional and re-conditioning).
This renewal concept includes:
A Drum Drying system for 32 200-liter-drums. Intended purpose is the stabilization of the content to minimize/avoid corrosion.
New Manipulation Centre: An existing building will be extended to a New Manipulation Centre (NMC), where the following equipment will be installed:
Two Caissons (sorting/manipulation boxes) made of stainless steel: One caisson will be used for the additional- and re-conditioning works, the second caisson will be used for conditioning and decontamination of bulky materials.
A new, vertical High-Force-Compactor (1500 tons).
A new Hot Cell (with underground storage) to replace the existing Hot Cells at Seibersdorf,
A centre for manipulation of radiation sources.

Comment **# 20256: Reporting Group NES**

New Storage Concept
A new storage concept for the 200-litre-drums will be implemented: All drums will be stored horizontally in a way that will enable individual drum inspection during the whole time of storage.
Another new storage facility (no.14) for approx. 7.000 200-litre-drums will be installed, which is equipped similar to the new facility no.13 with heating and dehumidification-system. Later on the existing storage facilities no.12 and 12A will be refurbished in the same way. Storing the drums following the new concept (with possibility for individual inspection of each drum) will require more space compared to today¡¦s storing-practise. The future storage capacity at Nuclear Engineering Seibersdorf will be:
storage facilities no.12 and 12A: totally 4.600 drums
storage facility no.13: 2.900 drums
storage facility no.14: 10.000 drums
in total: 17.500 drums