



**Country Waste Profile Report for  
AUSTRIA  
Reporting Year: 2007**

*For guidance on reading Country Waste Profile Reports,  
please refer to the following internet based document:*

*<http://www-newmdb.iaea.org/help/profiles9/guide.pdf>*

*For further information, please contact the Responsible Officer via e-mail:  
NEWMDB@IAEA.org*

## Waste Classification Schemes

Country: AUSTRIA

Reporting Year: 2007

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: No

Description: The Agency's standard matrix

| Waste Class Name | Distribution % |       |       |       |
|------------------|----------------|-------|-------|-------|
|                  | VLLW           | LLW   | ILW   | HLW   |
| VLLW             | 100.0          | 0.0   | 0.0   | 0.0   |
| LLW              | 0.0            | 100.0 | 0.0   | 0.0   |
| ILW              | 0.0            | 0.0   | 100.0 | 0.0   |
| HLW              | 0.0            | 0.0   | 0.0   | 100.0 |

Comment **# 12228: Waste Matrix IAEA Def.**

Effective from 1st January 2004, Nuclear Engineering Seibersdorf GmbH (NES) adopted the Commission Recommendation of 15 September 1999 on a classification system for solid radioactive waste 1999/669/EC, Euratom. This radioactive waste classification system is based on the IAEA classification scheme and has been accepted by the regulatory body; it is not defined in the present legislation (Chapter B5 of the JC Report 2005).

**Definition of «unprocessed waste» and «processed waste»:**

This country uses the IAEA standard definition:

|                    | as-generated waste | processed for handling | processed for storage | processed for disposal |
|--------------------|--------------------|------------------------|-----------------------|------------------------|
| Inprocessed means: | x                  |                        |                       |                        |
| Processed means:   |                    | x                      | x                     | x                      |

## Groups Overview

Country: AUSTRIA

Reporting Year: 2007

|                           |               |
|---------------------------|---------------|
| <b>Reporting Group:</b>   | <b>NES</b>    |
| Inventory Reporting Date: | December 2007 |
| Waste Matrix Used:        | IAEA Def.     |
| Description:              |               |

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

Attachment **#1237: Reporting Group**

2020\_austrian\_jcreport2006.pdf

The information for this submission was obtained from the Second National Report to the Joint Convention, 2005

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

Full Name: Nuclear Engineering Seibersdorf GmbH

Location: A-2444 Seibersdorf, Austria

Description:

Official Website:

License Holder(s): Nuclear Engineering Seibersdorf GmbH

Comment # 12236: Site NES

The only radioactive waste management facility existing in Austria is the Nuclear Engineering Seibersdorf GmbH (NES), A-2444 Seibersdorf. NES is located at the site of the Austrian Research Centers Seibersdorf, south of Vienna.

Waste management facilities that are located at this site:

|  |  |                |
|--|--|----------------|
| <b>Facility:</b>   | <b>Cement fac</b>  |                |
| <b>Description:</b>  | The main conditioning and immobilization method currently in use is cementation (grouting). With some exceptions, only steel 200-litre-drums are in use. |                |
| <b>Processing part of facility</b>                               | <b>Cement fac</b>  |                |
| The following shows processing status for waste classes and SRS. |  |                |
| <b>Waste Class</b>   | <b>Actual</b>  | <b>Planned</b> |
| VLLW   | No   | No             |
| LLW  | Yes  | No             |
| ILW  | Yes  | No             |
| HLW  | No   | No             |
| <b>Type:</b>   | Conditioning   |                |
| <b>Year opened:</b>  | 1995   |                |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

| <b>Facility:</b>  | <b>Compactor</b>   |         |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
|---|--|---------|-------------|--------|---------|------|----|----|-----|-----|----|-----|----|----|-----|----|----|
| <b>Description:</b>   | Non burnable solid radioactive waste can be treated using the high-force compactor. Pellets formed in this way are transferred into 200-litre drums for storage. Depending on the waste characteristics, a volume reduction factor of 2 to 10 can be reached |         |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| <p><b>Processing part of facility                      Compactor</b></p> <p>The following shows processing status for waste classes and SRS.</p> <table border="1"> <thead> <tr> <th>Waste Class</th> <th>Actual</th> <th>Planned</th> </tr> </thead> <tbody> <tr> <td>VLLW</td> <td>No</td> <td>No</td> </tr> <tr> <td>LLW</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>ILW</td> <td>No</td> <td>No</td> </tr> <tr> <td>HLW</td> <td>No</td> <td>No</td> </tr> </tbody> </table> |  |         | Waste Class | Actual | Planned | VLLW | No | No | LLW | Yes | No | ILW | No | No | HLW | No | No |
| Waste Class   | Actual   | Planned |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| VLLW  | No   | No      |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| LLW   | Yes  | No      |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| ILW   | No   | No      |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| HLW   | No   | No      |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| <b>Type:</b>  | Treatment  |         |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |
| <b>Year opened:</b>   | 1995   |         |             |        |         |      |    |    |     |     |    |     |    |    |     |    |    |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

|  |   |                |  |
|--|---|----------------|--|
| <b>Facility:</b>   | <b>Drier</b>  |                |  |
| <b>Description:</b>  | Sludge drier: the facility is used for drying the sludge obtained in the Waste Water Treatment Facility and for liquid waste. |                |  |
| <b>Processing part of facility</b>                               | <b>Drier</b>  |                |  |
| The following shows processing status for waste classes and SRS. |   |                |  |
| <b>Waste Class</b>   | <b>Actual</b>   | <b>Planned</b> |  |
| VLLW   | No  | No             |  |
| LLW  | No  | No             |  |
| ILW  | No  | No             |  |
| HLW  | No  | No             |  |
| <b>Type:</b>   | Treatment   |                |  |
| <b>Year opened:</b>  | 1993  |                |  |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

|  |   |                  |  |
|--|---|------------------|--|
| <b>Facility:</b>   | <b>Incinerat</b>  |                  |  |
| <b>Description:</b>  | LILW incinerator: The shaft incinerator of "Karlsruhe" type is an excess air unit having a capacity of 40 kg/h and a combustion volume of d-1m and h-5m. The off-gas cleaning system consists of ceramic hot gas filters, quench, wet scrubber and HEPA-Filters |                  |  |
| <b>Processing part of facility</b>                               |   | <b>Incinerat</b> |  |
| The following shows processing status for waste classes and SRS. |   |                  |  |
| <b>Waste Class</b>   | <b>Actual</b>   | <b>Planned</b>   |  |
| VLLW   | No  | No               |  |
| LLW  | No  | No               |  |
| ILW  | No  | No               |  |
| HLW  | No  | No               |  |
| <b>Type:</b>   | Treatment   |                  |  |
| <b>Year opened:</b>  | 1983  |                  |  |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

|   |  |                    |                |              |                 |                      |
|---|--|--------------------|----------------|--------------|-----------------|----------------------|
| <b>Facility:</b>  | <b>Interim</b>   |                    |                |              |                 |                      |
| <b>Description:</b>   | Interim Storage Facility for conditioned radioactive waste |                    |                |              |                 |                      |
| <b>Storage part of facility                      Interim</b>                                      |  |                    |                |              |                 |                      |
| The following shows storage status for waste classes and SRS.                                     |  |                    |                |              |                 |                      |
| <b>Waste Class</b>  | <b>Actual</b>  | <b>Planned</b>     |                |              |                 |                      |
| VLLW  | No   | No                 |                |              |                 |                      |
| LLW   | Yes  | Yes                |                |              |                 |                      |
| ILW   | Yes  | Yes                |                |              |                 |                      |
| HLW   | No   | No                 |                |              |                 |                      |
| <b>List SRS?</b>  | No   |                    |                |              |                 |                      |
| <b>List UMMT?</b>   | No   |                    |                |              |                 |                      |
| <b>Capacity:</b>  | The capacity is limited to 15,000 200-litre-drums          |                    |                |              |                 |                      |
| <b>Types of Storage Units</b>   |  |                    |                |              |                 |                      |
| <b>Storage Unit Name</b>  | <b>Type Name</b>   | <b>Year Opened</b> | <b>Closed?</b> | <b>Full?</b> | <b>Modular?</b> | <b>Contains SRS?</b> |
| Hall 1  | building   | 0                  | No             | No           | Yes             | No                   |
| Hall 2  | building   | 0                  | No             | No           | Yes             | No                   |
| <b>Comment</b>  | <b># 12239: Storage Facility Interim</b>                   |                    |                |              |                 |                      |
| All conditioned radioactive waste is stored within two dry engineered construction storage halls. |  |                    |                |              |                 |                      |



## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

| <b>Facility:</b>  | <b>RawStorage</b>                                 |                   |         |       |          |               |
|---|---|-------------------|---------|-------|----------|---------------|
| <b>Description:</b>   | Buffer storage facility for raw radioactive waste |                   |         |       |          |               |
| <b>Storage part of facility</b>                               |   | <b>RawStorage</b> |         |       |          |               |
| The following shows storage status for waste classes and SRS. |   |                   |         |       |          |               |
| Waste Class   | Actual  | Planned           |         |       |          |               |
| VLLW  | No  | No                |         |       |          |               |
| LLW   | Yes   | Yes               |         |       |          |               |
| ILW   | Yes   | Yes               |         |       |          |               |
| HLW   | No  | No                |         |       |          |               |
| List SRS?   | No  |                   |         |       |          |               |
| List UMMT?  | No  |                   |         |       |          |               |
| Capacity:   |   |                   |         |       |          |               |
| Types of Storage Units  |   |                   |         |       |          |               |
| Storage Unit Name   | Type Name   | Year Opened       | Closed? | Full? | Modular? | Contains SRS? |
| RawStorage  | building  | 0                 | No      | No    | No       | Yes           |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

|  |   |                |  |
|--|---|----------------|--|
| <b>Facility:</b>   | <b>Sorting</b>  |                |  |
| <b>Description:</b>  | Segregation Facility: A special room ("sorting box") equipped with a negative pressure ventilation system is used for specific tasks, such as dismantling of larger equipment |                |  |
| <b>Processing part of facility</b>                               |   | <b>Sorting</b> |  |
| The following shows processing status for waste classes and SRS. |   |                |  |
| <b>Waste Class</b>   | <b>Actual</b>   | <b>Planned</b> |  |
| VLLW   | No  | No             |  |
| LLW  | No  | No             |  |
| ILW  | No  | No             |  |
| HLW  | No  | No             |  |
| <b>Type:</b>   | Treatment   |                |  |
| <b>Year opened:</b>  | 1983  |                |  |

## Site (Structure) : NES

Country: AUSTRIA

Reporting Year: 2007

|  |   |                |  |
|--|---|----------------|--|
| <b>Facility:</b>   | <b>WWTF</b>   |                |  |
| <b>Description:</b>  | Waste Water Treatment Facility: In this facility, waste water from the Nuclear Engineering Seibersdorf GmbH (NES) site in Seibersdorf is treated by precipitation and filtration. |                |  |
| <b>Processing part of facility</b>                               |   | <b>WWTF</b>    |  |
| The following shows processing status for waste classes and SRS. |   |                |  |
| <b>Waste Class</b>   | <b>Actual</b>   | <b>Planned</b> |  |
| VLLW   | No  | No             |  |
| LLW  | No  | No             |  |
| ILW  | No  | No             |  |
| HLW  | No  | No             |  |
| <b>Type:</b>   | Treatment   |                |  |
| <b>Year opened:</b>  | 1976  |                |  |

## Site (Data) : NES

Stock of waste as at December 2007

Country: AUSTRIA

Reporting Year: 2007

**Site Name:** NES

Full Name: Nuclear Engineering Seibersdorf GmbH

Inventory Reporting Date: December 2007

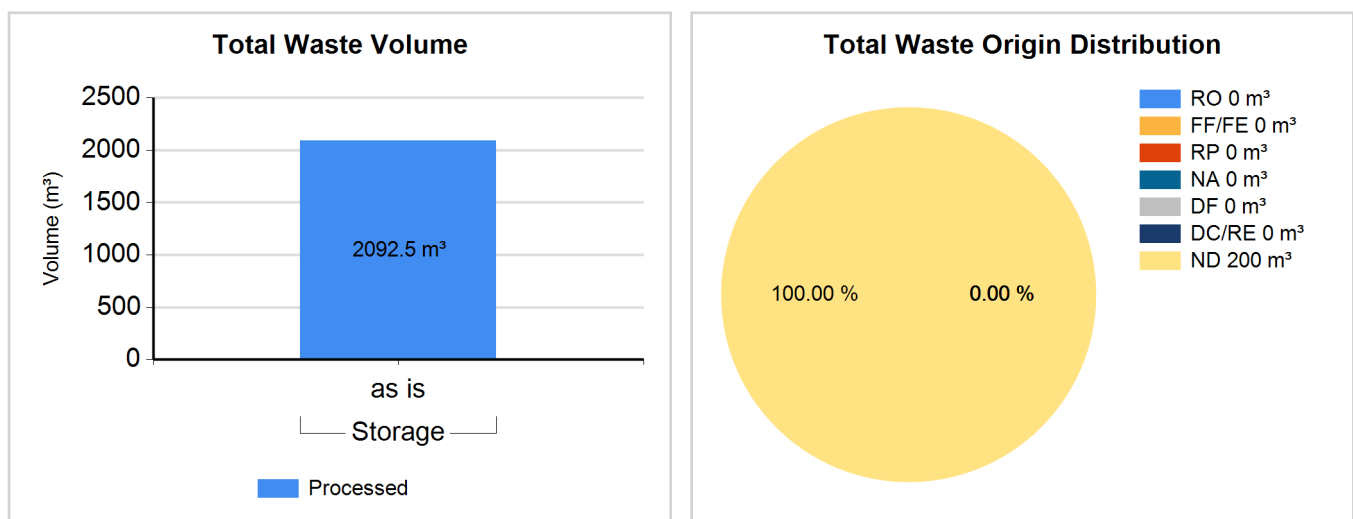
Waste Matrix Used: IAEA Def.

Comment # 12236: Site NES

The only radioactive waste management facility existing in Austria is the Nuclear Engineering Seibersdorf GmbH (NES), A-2444 Seibersdorf. NES is located at the site of the Austrian Research Centers Seibersdorf, south of Vienna.

**Waste Inventory**

Est=distribution is an estimate, Proc.=Is the waste processed (Yes/No)? RO=Reactor Operations, FF/FE=Fuel Fabrication/Fuel Enrichment, RP=Reprocessing, NA=Nuclear Applications,DF=Defence, DC/RE=Decommissioning/Remediation, ND=Not Determined



Note: where volume "as dispo" is provided, volume "as is" is used in the graph instead.

**Waste Class: LLW**

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m³) | Volume "as dispo" (m³) | RO % | FF/FE % | RP % | NA % | DF % | DC/RE % | ND %   |
|------------------|---------------------|------|------|---------------------|------------------------|------|---------|------|------|------|---------|--------|
| LLW              | Storage / Interim   | Y    | N    | 2036.100            | 2036.100               | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 100.00 |

**Waste Class: ILW**

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m³) | Volume "as dispo" (m³) | RO % | FF/FE % | RP % | NA % | DF % | DC/RE % | ND %   |
|------------------|---------------------|------|------|---------------------|------------------------|------|---------|------|------|------|---------|--------|
| ILW              | Storage / Interim   | Y    | N    | 56.400              | 56.400                 | 0.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 100.00 |

**Site (Data) : NES**

Stock of waste as at December 2007

Country: AUSTRIA

Reporting Year: 2007

**Processing - Treatment method(s)**

| Method                 | Status  |             |   |               |
|------------------------|---------|-------------|---|---------------|
|                        | Planned | R&D program | Current practice method use over the last 5 years | Past Practice |
| Chemical Precipitation | N       | N           | Same  | N             |
| Filtration             | N       | N           | Same  | N             |
| Incineration           | N       | N           | Same  | N             |
| Segregation/Sorting    | N       | N           | Same  | N             |
| Super Compaction       | N       | N           | Same  | N             |

Comment **# 12242: Waste Treatment on Site NES**

Annex L1 of the JC Report contains a brief description of all treatment and conditioning processes carried out at the Nuclear Engineering Seibersdorf GmbH (NES). The treatment methods over the last 5 years have been the same.

**Processing - Conditioning method(s)**

| Method      | Status  |             |   |               |
|-------------|---------|-------------|---|---------------|
|             | Planned | R&D program | Current practice method use over the last 5 years | Past Practice |
| Cementation | N       | N           | Decrease  | N             |
| Grouting    | N       | N           | Increase  | N             |

**Regulators**

Country: AUSTRIA

Reporting Year: 2007

|               |   |
|---------------|---|
| <b>Name:</b>  | <b>FMAFEWM</b>  |
| Full Name:    | Federal Minister of Agriculture, Forestry, Environment and Water Management |
| Divison:      | V/7 - Radiation Protection  |
| City or Town: | Vienna  |
| Main Website: |   |

## Regulations / Laws

Country: AUSTRIA

Reporting Year: 2007

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Name:</b>                    | <b>No-Nuclear</b>                           |     |
| Title or Name:                  | Constitutional Law on a Non-Nuclear Austria |     |
| Reference Number:               | 149/1999                                    |     |
| Date Promulgated or Proclaimed: | 8/13/1999                                   | Law |

|                                 |  |     |
|---------------------------------|--|-----|
| <b>Name:</b>                    | <b>RadProAct</b>   |     |
| Title or Name:                  | Radiation Protection Act as amended by BGBl. I Nr. 13/2006 |     |
| Reference Number:               | BGBl. I Nr. 227/69   |     |
| Date Promulgated or Proclaimed: | 1/20/2006  | Law |

Comment **# 12230: Regulation RadProAct**

Radiation Protection Act was first promulgated in 1969 (Federal Law Gazette no. 227/1969). Then it was amended by the Radiation Protection EU-Adaptation-Act 2002 (Federal Law Gazette I no. 146/2002) and by the Radiation Protection EU-Adaptation-Act 2004 (Federal Law Gazette I no. 137/2004).

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Name:</b>                    | <b>Shipments</b>  |     |
| Title or Name:                  | Ordinance on the Supervision and Control of Shipments of Radioactive Waste into, out of and through Austria |     |
| Reference Number:               | 44/1997   |     |
| Date Promulgated or Proclaimed: | 3/1/1997  | Law |

Comment **# 12231: Regulation Shipments**

This Ordinance implements Council Directive 92/3/EURATOM of 3 February 1992 on the Supervision and Control of Shipments of Radioactive Waste into, out of and through the Community".

|                                 |  |     |
|---------------------------------|--|-----|
| <b>Name:</b>                    | <b>MedicalOrd</b>                      |     |
| Title or Name:                  | Medical Radiation Protection Ordinance |     |
| Reference Number:               | 409/2004                               |     |
| Date Promulgated or Proclaimed: | 1/1/2005                               | Law |

|                                 |                                       |     |
|---------------------------------|---------------------------------------|-----|
| <b>Name:</b>                    | <b>AdmProced</b>                      |     |
| Title or Name:                  | General Administrative Procedures Act |     |
| Reference Number:               | BGBl. I Nr. 51/1991                   |     |
| Date Promulgated or Proclaimed: | 1/31/1991                             | Law |

## Regulations / Laws

Country: AUSTRIA

Reporting Year: 2007

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Name:</b>                    | <b>170/1998</b>                                     |     |
| Title or Name:                  | Act on Liability for Damage Caused by Radioactivity |     |
| Reference Number:               | 170/1998  |     |
| Date Promulgated or Proclaimed: | 1/1/1999  | Law |

|                                 |                               |     |
|---------------------------------|-------------------------------|-----|
| <b>Name:</b>                    | <b>Non-Prolif</b>             |     |
| Title or Name:                  | Nuclear Non-Proliferation Act |     |
| Reference Number:               | BGBl. I Nr. 2/2008            |     |
| Date Promulgated or Proclaimed: | 12/12/2006                    | Law |

|                                 |  |     |
|---------------------------------|--|-----|
| <b>Name:</b>                    | <b>AdmDecis</b>                                    |     |
| Title or Name:                  | Act on the Enforcement of Administration Decisions |     |
| Reference Number:               | 53/1991  |     |
| Date Promulgated or Proclaimed: | 1/1/1991   | Law |

|                                 |  |     |
|---------------------------------|--|-----|
| <b>Name:</b>                    | <b>EIA</b>                               |     |
| Title or Name:                  | Environmental Impact Assessment Act 2000 |     |
| Reference Number:               | BGBl. I Nr. 2/2008                       |     |
| Date Promulgated or Proclaimed: | 10/14/1993                               | Law |

|                                 |                                      |     |
|---------------------------------|--------------------------------------|-----|
| <b>Name:</b>                    | <b>EnvManag</b>                      |     |
| Title or Name:                  | Environmental Management Act         |     |
| Reference Number:               | 96/2001, as amended by I no. 99/2004 |     |
| Date Promulgated or Proclaimed: | 8/3/2004                             | Law |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Name:</b>                    | <b>Transport</b>                        |     |
| Title or Name:                  | Act on the Transport of Hazardous Goods |     |
| Reference Number:               | BGBl. I Nr.63/2007                      |     |
| Date Promulgated or Proclaimed: | 8/1/2007                                | Law |



## Regulations / Laws

Country: AUSTRIA

Reporting Year: 2007

|                                 |                       |  |     |
|---------------------------------|-----------------------|--|-----|
| <b>Name:</b>                    | <b>InlandAct</b>      |  |     |
| Title or Name:                  | Inland Navigation Act |  |     |
| Reference Number:               | 62/1997               |  |     |
| Date Promulgated or Proclaimed: | 1/1/1997              |  | Law |

|                                 |                       |  |     |
|---------------------------------|-----------------------|--|-----|
| <b>Name:</b>                    | <b>Inspection</b>     |  |     |
| Title or Name:                  | Labour Inspection Act |  |     |
| Reference Number:               | BGBl. I Nr. 159/2001  |  |     |
| Date Promulgated or Proclaimed: | 4/1/1993              |  | Law |

|                                 |  |  |     |
|---------------------------------|--|--|-----|
| <b>Name:</b>                    | <b>RadProtOrd</b>                      |  |     |
| Title or Name:                  | General Radiation Protection Ordinance |  |     |
| Reference Number:               | 191/2006                               |  |     |
| Date Promulgated or Proclaimed: | 6/1/2006                               |  | Law |

**Milestones**

Country: AUSTRIA

Reporting Year: 2007

|  |      |           |  |
|--|------|-----------|--|
| Start Year or Reference Year:  | 2006 | End Year: |  |
| Description of Milestone:  |      |           |  |
| Exemption and clearance levels are laid down in the new Radiation Protection Ordinance which was put into force June 1st, 2006 |      |           |  |

## Policies

Country: AUSTRIA

Reporting Year: 2007

## National Systems

| Policy | (Yes;Partially;No) |
|--------|--------------------|
|--------|--------------------|

|     |  |     |
|-----|--|-----|
| Q14 | Has your Country implemented a national policy for radioactive waste management? | Yes |
|-----|--|-----|

Comment # 14744: Policies National Systems-Policy

In the Radiation Protection Act 2004, the framework for radioactive waste management is defined. A contract between the Austrian Republic and NES, covering the sourcing for radwaste treatment, was closed.

| Strategies | (Yes;Partially;No) |
|------------|--------------------|
|------------|--------------------|

|     |   |           |
|-----|---|-----------|
| Q15 | Has your country developed strategies to implement a national policy? | Partially |
|-----|---|-----------|

| Requirements | (Yes;Partially;No) |
|--------------|--------------------|
|--------------|--------------------|

|     |  |     |
|-----|--|-----|
| Q17 | identified the parties involved in the different steps of radioactive waste management | Yes |
|-----|--|-----|

|     |  |     |
|-----|--|-----|
| Q18 | specified a rational set of safety, radiological and environmental protection objectives | Yes |
|-----|--|-----|

|     |   |           |
|-----|---|-----------|
| Q19 | implemented a mechanism to identify existing and anticipated radioactive wastes | Partially |
|-----|---|-----------|

|     |  |     |
|-----|--|-----|
| Q20 | implemented controls over radioactive waste generation | Yes |
|-----|--|-----|

|     |   |     |
|-----|---|-----|
| Q21 | identified available methods and facilities to process, store and dispose of radioactive waste on an appropriate time-scale | Yes |
|-----|---|-----|

|     |   |     |
|-----|---|-----|
| Q22 | taken into account interdependencies among all steps in radioactive waste generation and management | Yes |
|-----|---|-----|

|     |  |     |
|-----|--|-----|
| Q23 | implemented appropriate research and development to support the operational and regulatory needs | Yes |
|-----|--|-----|

|     |   |     |
|-----|---|-----|
| Q24 | implemented a funding structure and the allocation of resources that are essential for radioactive waste management | Yes |
|-----|---|-----|

|     |   |    |
|-----|---|----|
| Q25 | implemented formal mechanisms for disseminating information to the public and for public consultation | No |
|-----|---|----|

Comment # 14745: Policies National Systems-Requirements

The Radiation Protection Act requires that before any use of radioactive material, a concept for the minimization of waste generation by this use has to be developed.

## Policies

Country: AUSTRIA

Reporting Year: 2007

| <b>Responsibilities</b> |   | <b>(Complete;Incomplete)</b> |
|-------------------------|---|------------------------------|
| Q28                     | establish and implement a legal framework for the management of radioactive waste   | Complete                     |
| Q29                     | establish or designate a regulatory body that has the responsibility for carrying out the regulatory function with regard to safety and the protection of human health and the environment.                   | Complete                     |
| Q30                     | define the responsibilities of waste generators and operators of waste management facilities  | Complete                     |
| Q31                     | provide for adequate resources  | Complete                     |
| Q33                     | enforce compliance with regulatory requirements   | Complete                     |
| Q34                     | implement the licensing process   | Complete                     |
| Q35                     | advise the government   | Complete                     |
| Q37                     | identify an acceptable destination for the radioactive waste  | Complete                     |
| Q114                    | comply with legal requirements  | Complete                     |
| <b>Activities</b>       |   | <b>(Yes;Partially;No)</b>    |
| Q43                     | perform safety and environmental impact assessments for radioactive waste management facilities   | Yes                          |
| Q44                     | ensure adequate radiation protection for workers, the general public and the environment  | Yes                          |
| Q45                     | ensure suitable staff, equipment, facilities, training and operating procedures are available to perform the safe radioactive waste management steps  | Yes                          |
| Q46                     | establish and implement a quality assurance programme for the radioactive waste generated or its processing, storage and disposal   | Yes                          |
| Q47                     | establish and keep records of appropriate information regarding the generation, processing, storage and disposal of radioactive waste, including an inventory of radioactive waste                            | Yes                          |
| Q48                     | provide surveillance and control of activities involving radioactive waste as required by the regulatory body   | Yes                          |
| Q49                     | collect, analyze and, as appropriate, share operational experience to ensure continued safety improvements in radioactive waste management  | Yes                          |
| Q50                     | conduct or otherwise ensure appropriate research and development to support operational needs in radioactive waste management   | Yes                          |
| <b>Clearance</b>        |   | <b>(Yes;No)</b>              |
| Q128                    | Does your country have "clearly defined clearance levels based on radiological criteria, with policy statements that material below those levels can be recycled or disposed of with non-radioactive wastes"? | Yes                          |
| Q129                    | Has your country ever used a "case-by-case" approach to clearing radioactive wastes (excluding spent/disused sealed radioactive sources)?   | Yes                          |
| Q130                    | Has your country ever used clearance levels to dispose of, reuse or recycle radioactive waste as non-radioactive waste or as a non-radioactive resource (excluding spent/disused sealed radioactive sources)? | Yes                          |

## Policies

Country: AUSTRIA

Reporting Year: 2007

## Disposal Facilities

| Licensing    |  | (Yes - All;Yes - Some;No) |
|--------------|--|---------------------------|
| Q53          | Environmental Assessment (EA)  | No                        |
| Q54          | Environmental Impact Statement (EIS)   | No                        |
| Q55          | Performance Assessment (PA)  | No                        |
| Q56          | Quality Assurance (QA)   | No                        |
| Q57          | Safety Assessment (SA)   | No                        |
| Operation    |  | (Yes - All;Yes - Some;No) |
| Q60          | Does your Country have formal, documented waste acceptance criteria for its operating or proposed disposal facilities?   | No                        |
| Post-Closure |  | (Yes;No)                  |
| Q61          | Does your Country have any written policies to address the maintenance of records that describe the design, location and inventory of waste disposal facilities?   | No                        |
| Q63          | Does your Country have any written policies to address active institutional controls or passive institutional controls, such as monitoring or access restrictions? | No                        |

## Policies

Country: AUSTRIA

Reporting Year: 2007

**Processing/Storage**

| <b>Policies/Procedures</b> |  | <b>(Yes;No)</b> |
|----------------------------|--|-----------------|
| Q73                        | waste sorting/segregation  | Yes             |
| Q74                        | waste minimization   | Yes             |
| Q75                        | waste storage  | Yes             |
| Q76                        | processing and/or storing and/or disposing of nuclear fuel cycle waste separately from non-nuclear fuel cycle waste (also known as nuclear applications waste) | No              |
| Q78                        | Does your country have any legislation, regulation, or policy that waste processing must take place prior to storage (see following note)                      | Yes             |
| <b>Implementation</b>      |  | <b>(Yes;No)</b> |
| Q80                        | In your Country are there any waste processing facilities at the same location where the waste is generated?   | Yes             |
| Q81                        | In your Country are there any centralized waste processing facilities?   | Yes             |
| Q82                        | In your Country are there any mobile waste processing facilities?  | No              |
| <b>Foreign</b>             |  | <b>(Yes;No)</b> |
| Q121                       | Has your country sent any wastes or spent fuel to another country for processing (reprocessing for fuel)?  | Yes             |
| Q122                       | Will some or all of the product(s) of processing/reprocessing be returned to your country?   | Yes             |
| Q123                       | Currently, are any of your country's wastes (processed or unprocessed, including the products of reprocessing) or spent fuel being stored in another country?  | Yes             |
| Q124                       | Has your country accepted any wastes or spent fuel from another country for processing (reprocessing for fuel)?  | No              |

## Policies

Country: AUSTRIA

Reporting Year: 2007

**Spent/Disused SRS**

| <b>Registration</b>       |   | <b>(Yes;No)</b> |
|---------------------------|---|-----------------|
| Q84                       | Is there a national level registry?   | Yes             |
| Q85                       | If answer was yes, is the registry used only for disused/spent SRS?   | No              |
| Q87                       | Are there regional-level registries (one or more)?  | No              |
| Q90                       | Are there local-level registries (one or more)?   | No              |
| <b>Procedures</b>         |   | <b>(Yes;No)</b> |
| Q91                       | Does your Country have documented procedures in place to ensure that sealed radioactive sources (SRS) are transferred to secure facilities in a timely manner after their user declares them to be spent? | No              |
| <b>Agreements</b>         |   | <b>(Yes;No)</b> |
| Q93                       | Government to Government agreements   | No              |
| Q94                       | Government - Supplier agreements  | No              |
| Q95                       | Supplier-User agreements  | Yes             |
| Q97                       | Do any agreements include suppliers that are outside of your Country?   | Yes             |
| <b>Release / Disposal</b> |   | <b>(Yes;No)</b> |
| Q99                       | Does your Country have any regulations to free-release spent sealed radioactive sources (SRS)?  | Yes             |
| Q100                      | Has your Country disposed of spent SRS in existing disposal facilities for LILW or HLW waste?   | Yes             |
| Q101                      | Does your Country plan to dispose of spent SRS in existing or planned disposal facilities for LILW or HLW waste?  | Yes             |
| Q102                      | Has your Country implemented dedicated disposal facilities for spent SRS?   | No              |
| Q103                      | Does your Country have plans to implement dedicated disposal facilities for spent SRS?  | No              |
| <b>Import-Export</b>      |   |                 |
| <b>Radioactive Waste</b>  |   | <b>(Yes;No)</b> |
| Q104                      | Does your Country have laws or Regulations restricting either the import or export of radioactive waste (excluding spent fuel)?   | No              |
| <b>Spent Fuel</b>         |   | <b>(Yes;No)</b> |
| Q105                      | Does your Country have laws or Regulations restricting either the import or export of spent fuel?   | No              |

Country: AUSTRIA

Reporting Year: 2007

**Liquid HLW****Storage****(Yes;No)**

Q106 Does your Country have high-level liquid wastes in storage? No

**UMMT****Responsibility****(Yes;No)**

Q110 Does your Country have any Uranium Mine and Mill Tailings sites that do not have a designated authority to manage them? No

**Decommissioning****Funding****(Yes - All;Yes - Some;No)**

Q111 Does your Country require that funds should be set aside in support of future waste management activities, such as decommissioning activities? Yes - Some

**Facilities****(Yes;No)**

Q119 Does Your Country have any nuclear fuel cycle facilities? No

Q120 Does Your Country have any nuclear applications facilities (non fuel cycle facilities)? Yes

**Timeframe****(Yes - All;Yes - Some;No)**

Q113 Does your Country require a time frame for the decommissioning of non-nuclear fuel cycle facilities once these facilities cease operation? Yes - Some



## Future Outlook

Country: AUSTRIA

Reporting Year: 2007

**Data not available.**

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