



Country Waste Profile Report for SLOVENIA 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: SLOVENIA

Reporting Year: 2007

Waste Class Matrix: **IAEA Def.**

This country does use the IAEA Scheme: Yes

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 **# 14752: Waste Matrix IAEA Def.**National Classification of radioactive waste (regulation JV7, come into force in 2006).
Used nationwide by all groups.**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: SLOVENIA

Reporting Year: 2007

| | |
|---------------------------|---|
| Reporting Group: | ARAO |
| Inventory Reporting Date: | December 2007 |
| Waste Matrix Used: | IAEA Def. |
| Description: | ARAO- Agency for Radwaste Management is a non-profit organisation of the Slovene Government which provides a state-owned public service for radioactive waste management. The main objective of the ARAO is to provide efficient, safe and responsible management for all types of nuclear waste. |

| Site Name | Facility Name | Facilities Defined | | |
|-----------|---------------|--------------------|---------|----------|
| BRINJE R | SF STORAGE | | storage | |
| BRINJE S | CISF | | storage | |
| KRSKO NPP | KRSKO NPP | processing | storage | |
| LILW Rep. | LILW Rep. | | | disposal |

Attachment **#882: Reporting Group**

ARAO_annual_report_2002.pdf

ARAO Annual report 2002

Attachment **#997: Reporting Group**

ARAO_AnnualReport_2003.pdf

ARAO Annual report 2003

Attachment **#1219: Reporting Group**

ARAO_annual_report_2005.pdf

ARAO Annual report 2005

Attachment **#1417: Reporting Group**

ARAO_annual_report_2006.pdf

ARAO Annual report 2006

Attachment **#1589: Reporting Group**

ARAO_Annual_report_2007.pdf

ARAO Annual report 2007

Site (Structure) : BRINJE R

Country: SLOVENIA

Reporting Year: 2007

Full Name: Institut Josef Stefan Research Reactor Centre, TRIGA Mark II research reactor

Description:

Official Website:

License Holder(s): Institut Josef Stefan Research Reactor Centre
 Jamova 39, SI-1000, Ljubljana, Slovenia
 tel: +386 1 477-3900 (operator)
 fax: +386 1 2519-385
 http://www.ijs.si/

Waste management facilities that are located at this site:

| | |
|---------------------|--|
| Facility: | SF STORAGE |
| Description: | There are two spent fuel storage pools which are an integral part of TRIGA Mark II research reactor. |

Storage part of facility **SF STORAGE**

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | No | No |
| ILW | No | No |
| HLW | Yes | No |

| | |
|-------------------|----|
| List SRS? | No |
| List UMMT? | No |

| | |
|------------------|--|
| Capacity: | The capacity of the new pool is 195 spent fuel elements. |
|------------------|--|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|-----------|-------------|---------|-------|----------|---------------|
| Pool-Old | pool | 1966 | Yes | No | No | No |
| Pool-New | pool | 1992 | No | No | No | No |

Comment **# 12165: Storage Facility SF STORAGE**

IJS Reactor Infrastructure Centre

There are two interim storage pools which are part of the IJS Reactor Infrastructure Centre. The old storage pool is not in use. The new storage pool is maintained operational and prepared for immediate use if necessary. Both pools have been empty since 1999, when all spent fuel elements (total 219) were shipped to the USA for final disposal.

Site (Data) : BRINJE R

Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

Site Name: BRINJE R

Full Name: Institut Josef Stefan Research Reactor Centre, TRIGA Mark II research reactor

Inventory Reporting Date: December 2007 **Waste Matrix Used:** IAEA Def.

No Waste Data to report.

Site (Structure) : BRINJE S

Country: SLOVENIA

Reporting Year: 2007

Full Name: Central Storage Facility for Radioactive Waste in Brinje (CISF)

Description:

Official Website:

License Holder(s): ARAO - Agency for Radwaste Management, Parmova 53, SI-1000 Ljubljana, Slovenia

Waste management facilities that are located at this site:

| | |
|---------------------|--|
| Facility: | CISF |
| Description: | Central Storage Facility for Radioactive Waste in Brinje. A storage for low and intermediate level waste from small producers (medicine, industry and research). |

Storage part of facility CISF

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | Yes | No |
| ILW | Yes | No |
| HLW | No | No |

| | |
|------------|-----|
| List SRS? | Yes |
| List UMMT? | No |

| | |
|-----------|----------|
| Capacity: | ~500 m3. |
|-----------|----------|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|-----------|-------------|---------|-------|----------|---------------|
| CISF-LILW | building | 1986 | No | No | No | Yes |

Comment # 12166: Storage Facility CISF

The storage is a near-surface concrete building with the roof covered with a soil layer. The building is subdivided by concrete walls into nine storage sections and an entrance area. The ground plan of the facility is 10.6 m x 25.7 m with a height of 3.6 m. The useful capacity of the storage is about 500 m3, and the remaining small area is intended for workers, for loading and unloading the waste and for internal transport. The storage section at the back end of the building is deeper relative to the level of the other sections, and is intended for storage of more active spent sources. The facility is equipped with a ventilation system for reducing radon concentration and air contamination in the storage facility. The water and sewage collecting system is designed as a closed system to retain all liquids from the storage facility in the sump. Liquids are discharged after the measurements of the radioactive contamination which has to be below the limitation in the regulation. The electricity supply system is used for illumination of the storage facility, for heating of auxiliary rooms and for the powering of ventilation. The storage facility is also protected by an alarm system which is connected to a 24-hour security service.

Site (Data) : BRINJE S

Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

Site Name: BRINJE S

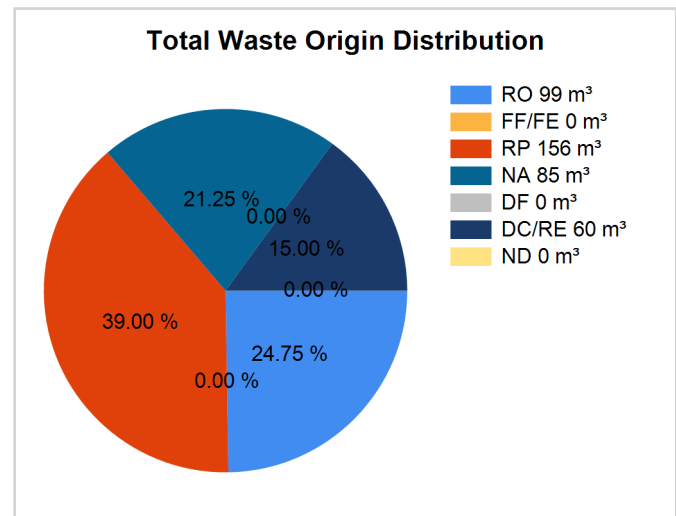
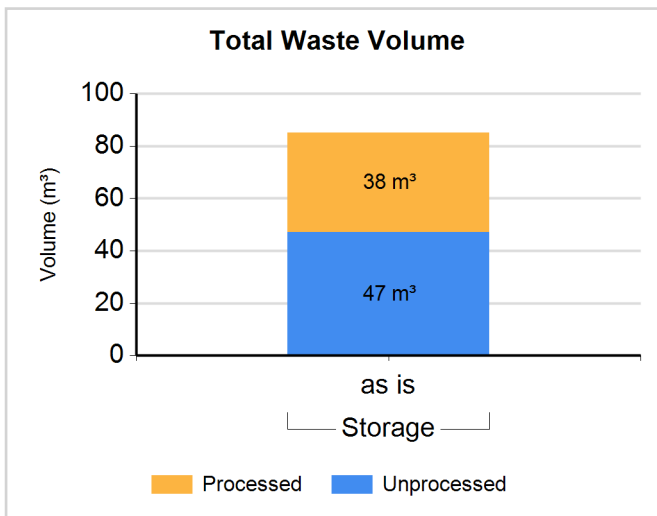
Full Name: Central Storage Facility for Radioactive Waste in Brinje (CISF)

Inventory Reporting Date: December 2007

Waste Matrix Used: IAEA Def.

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 | N | Y | 29.000 | 29.000 | 0.00 | 0.00 | 60.00 | 40.00 | 0.00 | 0.00 | 0.00 |
| LLW | Storage | Y | Y | 11.000 | 11.000 | 0.00 | 0.00 | 96.00 | 4.00 | 0.00 | 0.00 | 0.00 |

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 | N | Y | 18.000 | 18.000 | 60.00 | 0.00 | 0.00 | 40.00 | 0.00 | 0.00 | 0.00 |
| ILW | Storage | Y | Y | 27.000 | 27.000 | 39.00 | 0.00 | 0.00 | 1.00 | 0.00 | 60.00 | 0.00 |

Site (Data) : BRINJE S

Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

Spent Sources <=30 years in Storage

| Nuclide | Number of Sources/Total Activity of Sources (GBq) | | | c o n d | u n c o n d | c a t | Total Activity for all Groups (GBq) | Decay Date |
|---------|---|--|--------------------------------|------------------|----------------------------|-------------|--|------------|
| | Group I less than or equal 4GBq | Group II more than 4GBq but less than or equal 4E+4GBq | Group III more than 4E+4GBq | | | | | |
| | num/activity | num/activity | num/activity | | | | | |
| Co-60 | | | 1 | N | Y | Y | 1.600E+003 | 2004.01 |
| | | | 1.600E+003 | | | | | |
| Co-60 | | | 248 | Y | N | Y | 3.800E+001 | 2001.01 |
| | | | 3.800E+001 | | | | | |

Spent Sources > 30 years in Storage

| Nuclide | Number of Sources/Total Activity of Sources (GBq) | | c o n d | u n c o n d | c a t | Total Activity for all Groups (GBq) | Decay Date |
|---------|---|----------------------------|------------------|----------------------------|-------------|--|------------|
| | Group I less than or equal 2 GBq | Group II more than 2GBq | | | | | |
| | num/activity | num/activity | | | | | |
| Am-241 | | 10000 | N | Y | Y | 3.000E+002 | 2004.01 |
| | | 3.000E+002 | | | | | |
| Ra-226 | | 2 | Y | N | Y | 2.700E+001 | 2000.01 |
| | | 2.700E+001 | | | | | |

Site (Structure) : KRSKO NPP

Country: SLOVENIA

Reporting Year: 2007

Full Name: Krsko Nuclear Power Plant

Description:

Official Website:

License Holder(s): Krsko Nuclear Power Plant
 Vrbina 12, SI-8270 Krsko, Slovenia
 tel: +386 7 480 20 00
<http://www.nek.si>

Comment **# 14746: Management of KRSKO NPP (<http://www.nek.si>)**

Under the Contract between the Government of the Republic of Slovenia and the Government of the Republic of Croatia on the regulation of status and other legal relations connected to investment in NEK, its exploitation and decommissioning, and the Memorandum of Association, both of which entered into force on 11 March 2003, NEK is organised as a limited liability company or I.l.c.

The basic capital of NEK is divided into two equal shares owned by the partners GEN energija I.l.c. Ljubljana and Hrvatska Elektroprivreda p.l.c., Zagreb. NEK produces and supplies electricity exclusively in favour of the two partners, who each have the right and obligation to use 50% of its total output.

Comment **# 14747: About KRSKO NPP (<http://www.nek.si>)**

NEK has been in operation for twenty-five years. Projected life-time is until 2023. Over the course of the operational years NEK have witnessed a great many social changes and technological upgrades which have affected their work.

If twenty-five years ago their main aim was adapting to high professional and technical standards of nuclear technology, today the impact of market forces and public acceptability are equally important. If twenty-five years ago they were not yet considering the need to exchange domestic and international operational experience, today this is part of their everyday routine.

All of those changes, and in particular people's increased environmental awareness, are reflected in their everyday operation and in NEK's long-term strategy. They are reflected in the high level of nuclear safety. They guarantee, in the stability and competitiveness of their electricity production in comparison to other energy sources and, last but not least, in their objectives of achieving NEK's public acceptability.

Over the course of twenty-five years they have formed a qualified team which is strongly committed to their goals and to the values of safety culture. On the basis of know-how, continuous training, safe operation and operating efficiency, they are realizing an optimistic vision of the second half of NEK's lifecycle.

Attachment **#1418: Site**

NEK_Annual_Report_2004.pdf

NEK annual report 2004

Attachment **#1419: Site**

NEK_Annual_Report_2005.pdf

NEK annual report 2005

Attachment **#1420: Site**

NEK_Annual_Report_2006.pdf

NEK annual report 2006

Attachment **#1592: Site**

NEK_Annual_Report_2007.pdf

NEK annual report 2007

Waste management facilities that are located at this site:

| | |
|---------------------|---|
| Facility: | KRSKO NPP |
| Description: | Krsko NPP processing and storage facility |

Site (Structure) : KRSKO NPP

Country: SLOVENIA

Reporting Year: 2007

Storage part of facility**KRSKO NPP**

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | Yes | No |
| ILW | No | No |
| HLW | Yes | No |

| | |
|------------|----|
| List SRS? | No |
| List UMMT? | No |

| | |
|-----------|---|
| Capacity: | Solid radwaste storage facility (LILW) with capacity of app.2500-2800m3 and the decontamination building. Total storage capacity of the spent fuel pool is 1694 fuel positions. |
|-----------|---|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|-----------|-------------|---------|-------|----------|---------------|
| LILW-store | building | 1983 | No | No | No | No |
| SF-pool | pool | 1983 | No | No | No | No |
| LILW-decon | building | 1998 | No | No | No | No |

Processing part of facility**KRSKO NPP**

The following shows processing status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | Yes | No |
| ILW | No | No |
| HLW | No | No |

| | |
|--------------|-------------------------|
| Type: | Treatment, Conditioning |
| Year opened: | 1983 |

Site (Structure) : KRSKO NPP

Country: SLOVENIA

Reporting Year: 2007

Comment # 12160: Spent Fuel Management Facility in Krsko NPP

Spent Fuel Management Facility

The Republic of Slovenia has no off-site spent fuel management facilities. The spent fuel that is generated by the operation of the Krsko NPP is managed in storage facility which are integral parts of these nuclear facility.

The Fuel Handling Building is operated under the plant's license and is therefore not considered an independent nuclear facility. The fuel handling building consists of a spent fuel pool and the related fuel handling system which enables the handling of spent fuel.

Comment # 12161: LILW Facilities in Krsko NPP

The Krsko NPP includes the following buildings for radioactive waste management:

Auxiliary Building, where the systems for solid, liquid and gaseous waste processing are located. The building is located adjacent to the Fuel Handling Building and the Reactor Building within the Radiologically Controlled Area. The main activities related to waste management in this building are pre-treatment (waste collection, segregation, chemical adjustment, decontamination), treatment (radionuclide removal, volume reduction) and conditioning (immobilisation, packaging). The conditioned waste is transported to the Solid Radwaste Storage Facility by a forklift or an electric-powered cart using a special shield when necessary.

Solid Radwaste Storage Facility, an interim storage. Its operating license was extended in 1988 due to the lack of a LILW repository. It is a reinforced concrete structure, seismically qualified, located adjacent to the Auxiliary Building. Total area is 1470 m² after an area optimisation project, applying a special steel structure to support the storage of waste on the second level, the useful volume was increased to allow waste storage for a longer period of time. The storage time in the Solid Radwaste Storage Facility is variable and is dependent on waste generation rates and waste management plans. The facility has provisions for storing different solid radioactive wastes separately and retrieving them for further processing (supercompaction, incineration, melting, clearance after decay of radionuclide) or disposal at a later time.

Decontamination Building, an interim storage, built for decay storage for two old steam generators and radioactive waste produced through replacement of steam generators and other larger components. The building meets the requirements for LILW storage. The outer wall and the roof slab design were governed by the radiological shielding requirements.

Site (Data) : KRSKO NPP

Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

Site Name: KRSKO NPP

Full Name: Krsko Nuclear Power Plant

Inventory Reporting Date: December 2007 Waste Matrix Used: IAEA Def.

Comment **# 14746: Management of KRSKO NPP (<http://www.nek.si>)**

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NEK annual report 2007

Site (Data) : KRSKO NPP

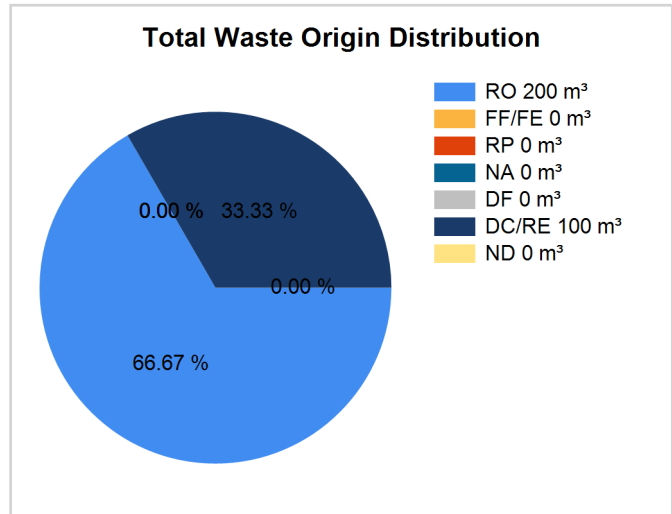
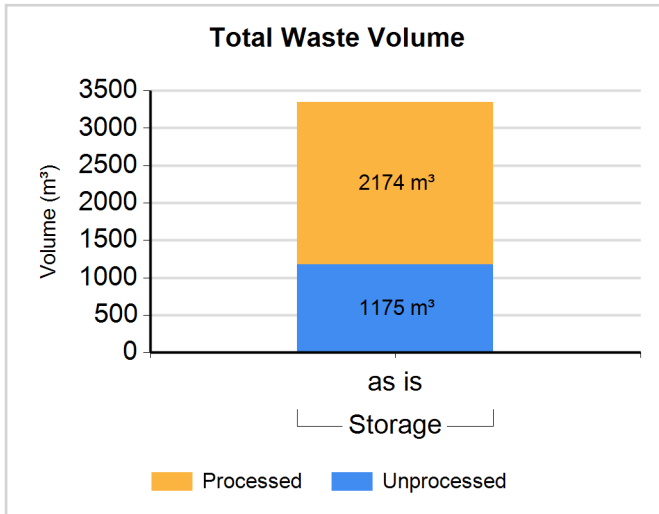
Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

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 | N | Y | 1051.000 | 1051.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 |
| LLW | Storage | Y | N | 2174.000 | 2174.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Waste Class: HLW

Data available but will not be reported.

Site (Data) : KRSKO NPP

Stock of waste as at December 2007

Country: SLOVENIA

Reporting Year: 2007

Processing - Treatment method(s)

| Method | Status | | | |
|--------------------------------------|---------|-------------|---|---------------|
| | Planned | R&D program | Current practice method use over the last 5 years | Past Practice |
| Compaction | N | N | Same | N |
| Decontamination | N | N | Same | N |
| Evaporation | N | N | Same | N |
| Filtration | N | N | Same | N |
| Incineration | N | N | Increase | N |
| Ion Exchange | N | N | Same | N |
| Metal Melting | N | N | Increase | N |
| Segregation/Sorting | N | N | Same | N |
| Size Reduction | N | N | Increase | N |
| Super Compaction | N | N | Increase | N |
| Thermal Treatment (non incineration) | N | N | Increase | N |

Comment **# 7628: Incineration**

NPP Krsko does not have own incineration facility.

Drums with combustible waste were sent for incineration in Studsvik. There were three incineration campaigns, the first took place in 1998, the second in 2002 and the third in 2005.

Comment **# 7629: Management of low and intermediate level waste**

Krsko NPP have performed periodical volume reductions with compression, supercompaction, incineration, and melting. From the year 1995 NPP used in-drum drying system (IDDS) for drying of evaporators concentrate and spent ion exchange resins. Because the working capacity of the existing IDDS system is insufficient for drying backlog sludges and sediments, the Krsko NPP hired a mobile IDDS unit, which in the 36 Annual Report 2007 on the Radiation and Nuclear Safety in the Republic of Slovenia year 2007 performed the drying of 97 drums of sludges and sediments and reduced the volume of waste to 15 drums. In 2006 the Krško NPP started continuous compression of radioactive waste with their own super-compactor installed in the storage facility. In the year 2007 there were 1,101 standard drums with compressible wastes, other wastes and evaporators concentrate compressed.

Secondary waste sent for incineration and melting in October 2005 to Studsvik in Sweden was returned to the Krsko NPP in December 2006 and stored in the radwaste storage facility in 2007. 149 standard drums which will be sent for incineration and melting in Sweden, are temporarily kept in the multipurpose building (decontamination facility).

Processing - Conditioning method(s)

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

Site (Structure) : LILW Rep.

Country: SLOVENIA

Reporting Year: 2007

Full Name: Planned repository for LILW

Description:

Official Website:

License Holder(s): future facility, not licensed

Comment **# 7599: The location of disposal of LILW**

The final location of disposal of LILW has not been selected yet. According to the plans, the repository siting should be concluded by 2008 and repository constructed by 2013.

Waste management facilities that are located at this site:

Site (Structure) : LILW Rep.

Country: SLOVENIA

Reporting Year: 2007

| | |
|---------------------|--------------------------------------|
| Facility: | LILW Rep. |
| Description: | planned LILW near-surface repository |

Disposal part of facility **LILW Rep.**

The following shows disposal status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | No | Yes |
| ILW | No | No |
| HLW | No | No |

| | |
|-------------------|----|
| List SRS? | No |
| List UMMT? | No |

| | | | |
|--------------------------------|-------------------------|-------------------------------|-------|
| Type: | engineered near surface | | |
| Facility is modular? | No | | |
| Capacity existing (m3): | 0 | Capacity planned (m3): | 20000 |

| | | | |
|-------------------|--|---------------------|-----------------------------|
| Depth (m): | | Host medium: | unknown (site not selected) |
|-------------------|--|---------------------|-----------------------------|

| Phase Name | Start Year | End Year | Estimate |
|------------------------------------|------------|----------|----------|
| planning and/or concept assessment | 1995 | 2004 | True |
| site selection | 2003 | 2008 | True |
| design | 2005 | 2008 | True |
| construction | 2009 | 2010 | True |
| commissioning | 2010 | 2011 | True |
| operation | 2011 | 2038 | True |
| closure | 2038 | | True |
| institutional control | | 2338 | True |

Country: SLOVENIA

Reporting Year: 2007

| | |
|----------------------|--|
| Name: | SNSA |
| Full Name: | Slovenian Nuclear Safety Administration |
| Divison: | Division of Nuclear and Radioactive Materials Divison of Inspection Control |
| City or Town: | Ljubljana |
| Main Website: | |

Comment **# 7597: SNSA**
Slovenian Nuclear Safety Administration
Zelezna cesta 16
P.O. Box 5759
SI - 1001 Ljubljana
Slovenia
Phone: +386 1 472 11 00
Fax: +386 1 472 11 99
E-mail: SNSA@gov.si
Web site: <http://www.ursjv.gov.si/>

Attachment **#996: Regulator**

SNSA_AnnualReport_2003.pdf
SNSA Annual Report 2003

Attachment **#1217: Regulator**

SNSA_AnnualReport_2004.pdf
SNSA Annual Report 2004

Attachment **#1218: Regulator**

SNSA_AnnualReport_2005.pdf
SNSA Annual Report 2005

Attachment **#1416: Regulator**

SNSA_AnnualReport_2006.pdf
SNSA Annual Report 2006

Attachment **#1590: Regulator**

SNSA_AnnualReport_2007.pdf
SNSA Annual Report 2007

Regulators

Country: SLOVENIA

Reporting Year: 2007

| | |
|---------------|--|
| Name: | SRPA |
| Full Name: | Slovenian Radiation Protection Administration |
| Divison: | Area of radiation practices and use of radiation sources in health and veterinary care |
| City or Town: | Ljubljana |
| Main Website: | |

Comment **# 9720: Regulator SRPA**

Slovenian Radiation Protection Administration
Ajdovscina 4
SI-1000 Ljubljana
Slovenia
Phone: +386 1 478 87 09
Fax: +386 1 478 87 15

The 2002 Act gives the competence in the area of radiation practices and use of radioactive sources in health and veterinary care to the Slovenian Radiation Protection Administration (SRPA), which was established in March 2003 within the Ministry of Health.

The SRPA performs technical, administrative, inspection and development tasks in the area of radiation practices and use of radiation sources in health and veterinary care; health protection of people against detrimental effect of ionising radiation; systematic inspection of working and living premises due to exposure of people to the natural radiation sources; implementation of monitoring of radioactive contamination of foodstuffs and drinking water; reduction, restriction and prevention of health detrimental effects of non-ionising radiation and assessment of compliance and authorization of radiation protection experts. In the scope of radiation protection the SRPA issues the approvals to evaluation of the protection of the exposed workers of the radiation and extend the radiation risks for exposed workers at given work places.

Attachment **#1591: Regulator**

SRPA_Annualreport_2006.pdf

Annual Report on the Radiation Protection and Nuclear Safety in Slovenia 2006

Regulations / Laws

Country: SLOVENIA

Reporting Year: 2007

| | | |
|--|---|-----|
| Name: | ZVISJV | |
| Title or Name: | ACT ON IONISING RADIATION PROTECTION AND NUCLEAR SAFETY with amendments | |
| Reference Number: | Off. Gaz. RS, 67/2002 | |
| Date Promulgated or Proclaimed: | 10/1/2002 | Law |

Comment **# 7595: ZVISJV with amendments**

In July 2002 the Parliament of the Republic of Slovenia adopted a new Act on Ionising Radiation Protection and Nuclear Safety (Off. Gaz. RS, 67/2002 - hereinafter referred to as "2002 Act").

As defined in the first Article of this act, its main purpose is "to regulate ionising radiation protection, with the aim of reducing the detrimental effects on health and reducing to the lowest possible level radioactive contamination of the environment due to ionising radiation resulting from the use of radiation sources, while at the same time enabling the development, production and use of radiation sources and performing radiation practices". It also regulates radioactive waste and spent fuel management.

An Act amending the 2002 Act was adopted on 25 February 2003. It provides that the Slovenian Government shall prepare an amended National Program for the Protection of the Environment as regards radioactive waste and spent fuel management by the end of 2004 and submit it to the Parliament for adoption. The site for a low- and intermediate-level waste repository must be approved by 2008 and licensed for operation by 2013.

New amendments of the 2002 Act were adopted on 29 April 2004. The amendments were introduced to reflect the fact that from 1 May 2004 Slovenia is a Member State of the European Union. The aim of this last revision was mainly to harmonise the provisions of the act with the European Union's legal requirements, especially in the area of shipment of radioactive waste and sources.

The 2002 Act also provides that the regulations which have been issued on the basis of the previous 1984 and 1980 Acts shall apply until new regulations, which are to be adopted pursuant to provisions of the 2002 Act, are issued.

Based on the 2002 Act, twelve decrees and regulations have been issued (Appendix II). All other decrees and regulations are expected to be adopted and issued in 2004 and early 2005.

Attachment **#864: Regulation**

ACT_ON_IONISING_RADIATION_PROTECTION_AND_NUCLEAR_SAFETY.pdf

ACT ON IONISING RADIATION PROTECTION AND NUCLEAR SAFETY

Unofficial translation of the original in Slovene language published in Official Gazette of Republic of Slovenia, no. 67/2002

| | | |
|--|---|------------|
| Name: | Z-3 | |
| Title or Name: | Regulation Z-3 "On mode of collecting, accounting, processing, storing, final disposal and release of radioactive waste into the environment", - Derogation of Articles 31.,32. in 33.èlena. -> UV1: Decree on practices involving radiation - Derogation of all articles except Article 20 (in use until 27.5.2007). -> JV7: Regulation on radioactive waste and spent fuel management | |
| Reference Number: | Official Gazette SFRY, 40/86 | |
| Date Promulgated or Proclaimed: | 7/18/1986 | Regulation |

Attachment **#865: Regulation**

Regulatory Z-3.pdf

Regulation Z-3 "On mode of collecting, accounting, processing, storing, final disposal and release of radioactive waste into the environment"

Regulations / Laws

Country: SLOVENIA

Reporting Year: 2007

| | | |
|---------------------------------|--|------------|
| Name: | E-1 | |
| Title or Name: | Regulation E-1 'On siting, construction, commissioning, start-up and exploitation of nuclear facilities' (with appendix on QA) | |
| Reference Number: | Off. Gaz., SFRY, No. 52/88 | |
| Date Promulgated or Proclaimed: | 8/26/1988 | Regulation |

| | | |
|---------------------------------|---|------------|
| Name: | UV3 | |
| Title or Name: | Decree on the Areas of Limited Use of Land Due to Nuclear Facility and on Conditions for Construction in such Areas - UV3 | |
| Reference Number: | Off. Gaz: RS, 36/2004 | |
| Date Promulgated or Proclaimed: | 4/28/2004 | Regulation |

| | | |
|---------------------------------|--|------------|
| Name: | UV8 | |
| Title or Name: | Decree on the Criteria for Determining the Amount of Compensation Due to the Limited Use of Land in the Area of Nuclear Facility - UV8 | |
| Reference Number: | Off. Gaz. RS, 134/2003 | |
| Date Promulgated or Proclaimed: | 12/31/2003 | Regulation |

| | | |
|---------------------------------|--|------------|
| Name: | ARAO est. | |
| Title or Name: | Decree on Establishment of a Public Agency for Radwaste Management | |
| Reference Number: | Off. Gaz. RS, 5/91, 45/96, 32/99, 38/2001) | |
| Date Promulgated or Proclaimed: | 2/9/1991 | Regulation |

| | | |
|---------------------------------|---|------------|
| Name: | Public S. | |
| Title or Name: | Decree on Mode and Conditions of Discharging the Public Service on Radioactive Waste Management | |
| Reference Number: | Off. Gaz. RS, 32/99, 41/04 | |
| Date Promulgated or Proclaimed: | 5/21/1999 | Regulation |

| | | |
|---------------------------------|---|------------|
| Name: | JV11 | |
| Title or Name: | Regulation on inputs from and outputs in the EU member states and on import and export of radioactive waste | |
| Reference Number: | Official Gazette RS, 60/2004 | |
| Date Promulgated or Proclaimed: | 6/3/2004 | Regulation |

Regulations / Laws

Country: SLOVENIA

Reporting Year: 2007

| | | |
|---------------------------------|---|------------|
| Name: | FV1 | |
| Title or Name: | Regulation on physical protection of nuclear materials, nuclear facilities and radiation facilities | |
| Reference Number: | Official Gazette RS, 31/2005 | |
| Date Promulgated or Proclaimed: | 3/25/2005 | Regulation |

| | | |
|---------------------------------|---|-----|
| Name: | ZSFR-UPB1 | |
| Title or Name: | Act on Fund for Financing Decommissioning of the Krško Nuclear Power Plant and Disposal of Radioactive Waste from the Krško NPP | |
| Reference Number: | Official Gazette RS, No. 47/2003 | |
| Date Promulgated or Proclaimed: | 5/22/2003 | Law |

| | | |
|---------------------------------|---|-----|
| Name: | BHRNEK | |
| Title or Name: | Act Ratifying the Treaty between the Government of the Rep.of Slovenia and the government of the Rep.of Croatia on the regulation of the status and other legal relations regarding investment, exploitation and decommissioning of the Krsko NPP and Joint Declaration at the time of signature of the Treaty between the Gov. of the Rep. of Slovenia and the gov. of the Rep. of Croatia on the regulation of the status and other legal relations regarding invest., exploit. and decom. of the Krsko NPP | |
| Reference Number: | Official Gazette RS-MP, No. 23/2003 | |
| Date Promulgated or Proclaimed: | 3/6/2003 | Law |

| | | |
|---------------------------------|--|------------|
| Name: | UV2 | |
| Title or Name: | Decree on dose limits, radioactive contamination and intervention levels | |
| Reference Number: | Official Gazette RS, 49/2004 | |
| Date Promulgated or Proclaimed: | 4/30/2004 | Regulation |

| | | |
|---------------------------------|---|------------|
| Name: | JV7 | |
| Title or Name: | Regulation on radioactive waste and spent fuel management | |
| Reference Number: | Official Gazette RS, 49/2006 | |
| Date Promulgated or Proclaimed: | 6/1/2006 | Regulation |

Regulations / Laws

Country: SLOVENIA

Reporting Year: 2007

| | | | |
|---------------------------------|---|------------|--|
| Name: | UV1 | | |
| Title or Name: | Decree on practices involving radiation - UV1 | | |
| Reference Number: | Official Gazette RS, 48/2004 | | |
| Date Promulgated or Proclaimed: | 4/30/2004 | Regulation | |

| | | | |
|---------------------------------|---|------------|--|
| Name: | UV11 | | |
| Title or Name: | Decree on checking the radioactivity for shipments of metal scrap | | |
| Reference Number: | Official Gazette RS, 84/2007 | | |
| Date Promulgated or Proclaimed: | 9/18/2007 | Regulation | |

Milestones

Country: SLOVENIA

Reporting Year: 2007

| | | | |
|--|------|-----------|--|
| Start Year or Reference Year: | 2007 | End Year: | |
| Description of Milestone: | | | |
| Proposal of the national spatial plan for the LILW repository at the potential location of Vrbina in the municipality of Krsko was prepared and submitted for public hearing required by the national legislation. | | | |
| Start Year or Reference Year: | 2006 | End Year: | |
| Description of Milestone: | | | |
| Regarding the procedure for siting the LILW repository two potential sites (locations) remained. On the potential sites site characterization investigation works have started. | | | |
| Start Year or Reference Year: | 2005 | End Year: | |
| Description of Milestone: | | | |
| In November 2005 three sites (locations) for the LILW repository in volunteering local communities were confirmed by the Government. | | | |
| Start Year or Reference Year: | 2005 | End Year: | |
| Description of Milestone: | | | |
| In October 2005 the National programme for radioactive waste management was adopted by the Government and in February 2006 a resolution on National Programme on radioactive waste and spent fuel management passed also the Parliamentary procedure. | | | |
| Start Year or Reference Year: | 2004 | End Year: | |
| Description of Milestone: | | | |
| In November 2004 the Ministry of the Environment and Spatial Planning officially started the spatial planning procedure as part of site selection process, aiming at developing the National detailed site development plan for LILW. | | | |
| Start Year or Reference Year: | 2004 | End Year: | |
| Description of Milestone: | | | |
| On the basis of the Detailed Plan of National Importance for the LILW Repository, ARAO Agency at the end of the year 2004 invited all Slovenian local communities to cooperate in environmental setting of the LILW repository. | | | |
| Start Year or Reference Year: | 2004 | End Year: | |
| Description of Milestone: | | | |
| In accordance with the provisions of the Treaty between the Government of the Republic of Slovenia and Republic of Croatia on regulation of status and other legal relationships relating to investments into the Krsko nuclear power plant, the Slovenian and Croatian government adopted the first revision of the Program of NPP Krsko decommissioning, SF and LILW disposal. | | | |

Milestones

Country: SLOVENIA

Reporting Year: 2007

| | | | |
|---|------|-----------|--|
| Start Year or Reference Year: | 2003 | End Year: | |
| Description of Milestone: | | | |
| On 7 March 2003 the Agreement between the Governments of the Republic of Slovenia and the Republic of Croatia on the status and other legal issues related to investments, exploitation and decommissioning of the Nuclear Power Plant Krško entered into force (it was signed on 19 December 2001). | | | |
| Start Year or Reference Year: | 2002 | End Year: | |
| Description of Milestone: | | | |
| In July 2002 the Parliament of the Republic of Slovenia adopted a new Act on Ionising Radiation Protection and Nuclear Safety. The Act entered into force on 1 October 2002. Its main purpose is "to regulate ionising radiation protection, with the aim of reducing the detrimental effects on health and reducing to the lowest possible level radioactive contamination of the environment due to ionising radiation resulting from the use of radiation sources, while at the same time enabling the development, production and use of radiation sources and performing radiation practices". It also regulates radioactive waste and spent fuel management. | | | |
| Start Year or Reference Year: | 1994 | End Year: | |
| Description of Milestone: | | | |
| The Act on the Fund for financing Decommissioning of the Krsko NPP and disposal of Radioactive Waste from the Krsko NPP was adopted in the end of year 1994. By this act was established The Financial Fund for Decommissioning of Nuclear Power Plant Krsko. | | | |
| Start Year or Reference Year: | 1991 | End Year: | |
| Description of Milestone: | | | |
| The Agency for Radwaste Management is founded by the Government of Slovenia as a public enterprise, responsible for final disposal of radioactive waste. | | | |
| Start Year or Reference Year: | 1987 | End Year: | |
| Description of Milestone: | | | |
| The Slovenian Nuclear Safety Administration (SNSA) was established in 1987. SNSA is competent in the area of nuclear safety and radioactive waste management. Previously, the functions of the regulatory body were held by the Committee of Energy and Industry. | | | |
| Start Year or Reference Year: | 1986 | End Year: | |
| Description of Milestone: | | | |
| The Central Storage Facility for Radioactive Waste in Brinje was put into operation in 1986. It is intended for storage of low and intermediate level radioactive waste arising from medical, industrial and research applications. The storage facility is situated at the Research Reactor Centre, about 15 km north-east of Ljubljana. | | | |

Milestones

Country: SLOVENIA

Reporting Year: 2007

| | | | |
|--|------|-----------|--|
| Start Year or Reference Year: | 1984 | End Year: | |
| Description of Milestone: | | | |
| In year 1984 entered into force one of the most important act "Act on Radiation Protection and the Safe Use of Nuclear Energy" (Off. Gaz. SFRY, No. 62/84). | | | |
| Start Year or Reference Year: | 1983 | End Year: | |
| Description of Milestone: | | | |
| The Krsko NPP began with commercial operation in January 1983. | | | |
| Start Year or Reference Year: | 1974 | End Year: | |
| Description of Milestone: | | | |
| The Krsko NPP construction was started. It is a Westinghouse two-loop pressurised water reactor. It initial power was 632 MWe. | | | |
| Start Year or Reference Year: | 1966 | End Year: | |
| Description of Milestone: | | | |
| The Research Reactor TRIGA Mark II is operated by Josef Stefan Institute. It was put into operation in May 1966. The reactor was delivered by General Atomics, the reactor tank and body were built by Slovenian companies. Main purpose of the research reactor is research, training and isotopes production. | | | |

Policies

Country: SLOVENIA

Reporting Year: 2007

National Systems

| Policy | | (Yes;Partially;No) |
|---------|--|--------------------|
| Q14 | Has your Country implemented a national policy for radioactive waste management? | Yes |
| Comment | # 7612: National Radwaste management programme | |
| | In October 2005 the National programme for radioactive waste management was adopted by the Government and in February 2006 a resolution on National Programme on radioactive waste and spent fuel management passed also the Parliamentary procedure. | |
| | The document covers the managements of waste from all possible sources of radioactive waste. Besides the waste from the NPP it also includes institutional radioactive waste and waste from past mining activities as well as NORM and TENORM. It covered the period of 10 years. It is planned to upgrade this comprehensive programme by the implementation programmes on different aspects of waste management and start their implementation. | |
| Comment | # 7613: The Fund for Financing the Decommissioning of NPP | |
| | The Fund for Financing the Decommissioning of the Krsko NPP and for the disposal of its radioactive waste was established by the Act on the Fund for Financing Decommissioning of the Krsko NPP and Disposal of Radioactive Waste from Krsko NPP (Off.Gaz. RS, No.75/94, 35/96). The Fund would be collect finances from the contributions of each produced kWh at the plant. However, due to the unresolved legal and ownership status of Krsko NPP, required funds are only partially collected. | |

| Strategies | | (Yes;Partially;No) |
|------------|--|--------------------|
| Q15 | Has your country developed strategies to implement a national policy? | Partially |
| Comment | # 14754: Operational programmes for radwaste management | |
| | Operational programmes for radwaste and spent fuel management were prepared and have been in adoptional process. | |

| 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 | Yes |
| 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 | Yes |

Policies

Country: SLOVENIA

Reporting Year: 2007

| Responsibilities | | (Complete;Incomplete) |
|-------------------------|---|------------------------------|
| 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 |
| Activities | | (Yes;Partially;No) |
| 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 |
| Clearance | | (Yes;No) |
| 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)? | No |

Policies

Country: SLOVENIA

Reporting Year: 2007

Disposal Facilities

| Licensing | | (Yes - All;Yes - Some;No) |
|-----------|--|---------------------------|
| Q53 | Environmental Assessment (EA) | Yes - All |
| Q54 | Environmental Impact Statement (EIS) | Yes - All |
| Q55 | Performance Assessment (PA) | Yes - All |
| Q56 | Quality Assurance (QA) | Yes - All |
| Q57 | Safety Assessment (SA) | Yes - All |
| Q59 | If Quality Assurance is part of your Country's current, waste disposal facility licensing policy, does the QA Program conform to international standards (such as the ISO9000 series)? | Yes - All |

| Operation | | (Yes - All;Yes - Some;No) |
|-----------|--|---------------------------|
| Q60 | Does your Country have formal, documented waste acceptance criteria for its operating or proposed disposal facilities? | Yes - Some |

Comment # 7614: Preliminary waste AC for future LILW

Slovenia has preliminary waste acceptance criteria for future LILW repository (generic location).

| 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? | Yes |
| Q65 | access restrictions | Yes |
| Q66 | drainage and/or leachate collection system(s) | Yes |
| Q67 | leachate treatment systems | Yes |
| Q68 | environmental monitoring | Yes |
| Q69 | facility monitoring | Yes |
| Q70 | surveillance | Yes |
| Q71 | plans for intervention measures during active institutional control if there is an unplanned release of radioactive materials from the disposal facility | Yes |

Policies

Country: SLOVENIA

Reporting Year: 2007

Processing/Storage

| Policies/Procedures | | (Yes;No) |
|---------------------|--|----------|
| 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) | No |

Comment # 7615: Procedures

Operators have developed their own procedures. They are not written on National level.

Processing and storing - nuclear fuel cycle waste separately from non-nuclear fuel cycle waste.

Disposing - according to the waste type (LILW, SF, LILW LL etc.) and not according to the waste origin (from nuclear fuel cycle or non-nuclear fuel cycle).

| Implementation | | (Yes;No) |
|----------------|--|----------|
| 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 |

| Foreign | | (Yes;No) |
|---------|---|----------|
| 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? | No |
| Q124 | Has your country accepted any wastes or spent fuel from another country for processing (reprocessing for fuel)? | No |

Policies

Country: SLOVENIA

Reporting Year: 2007

Spent/Disused SRS

| Registration | | (Yes;No) |
|---------------------------|---|-----------------|
| 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 |
| Procedures | | (Yes;No) |
| 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? | Yes |
| Agreements | | (Yes;No) |
| 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 |
| Release / Disposal | | (Yes;No) |
| 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? | No |
| 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 |

Policies

Country: SLOVENIA

Reporting Year: 2007

Import-Export

Radioactive Waste

(Yes;No)

Q104 Does your Country have laws or Regulations restricting either the import or export of radioactive waste (excluding spent fuel)? No

Comment # 7639: Comment

There are certain requirements by other mechanisms.

Spent Fuel

(Yes;No)

Q105 Does your Country have laws or Regulations restricting either the import or export of spent fuel? No

Comment # 7640: There are limitations by other mechanisms.

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

Policies

Country: SLOVENIA

Reporting Year: 2007

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 - All |
|------|--|-----------|

Facilities**(Yes;No)**

| | | |
|------|---|-----|
| Q119 | Does Your Country have any nuclear fuel cycle facilities? | Yes |
|------|---|-----|

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

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

| | | |
|------|--|------------|
| Q112 | Does your Country require a time frame for the decommissioning of nuclear fuel cycle facilities once these facilities cease operation? | Yes - Some |
|------|--|------------|

| | | |
|------|--|----|
| Q113 | Does your Country require a time frame for the decommissioning of non-nuclear fuel cycle facilities once these facilities cease operation? | No |
|------|--|----|

Future Outlook

Country: SLOVENIA

Reporting Year: 2007

Data not available.

Future Outlook

Country: SLOVENIA

Reporting Year: 2007

Data not available.

Future Outlook

Country: SLOVENIA

Reporting Year: 2007

Data not available.

Future Outlook

Country: SLOVENIA

Reporting Year: 2007

Data not available.

Future Outlook

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Reporting Year: 2007

Data not available.

Future Outlook

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Data not available.

Future Outlook

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Data not available.

Future Outlook

Country: SLOVENIA

Reporting Year: 2007

Data not available.