

Site (Data) : BRINJE S

Stock of waste as at December 2008

Country: SLOVENIA

Reporting Year: 2008

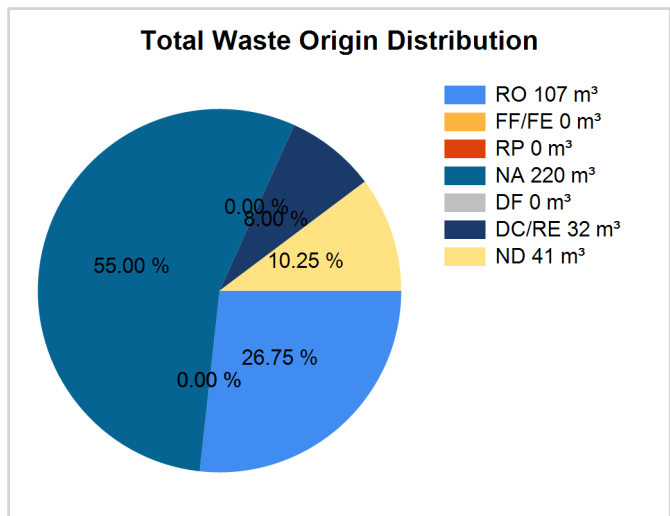
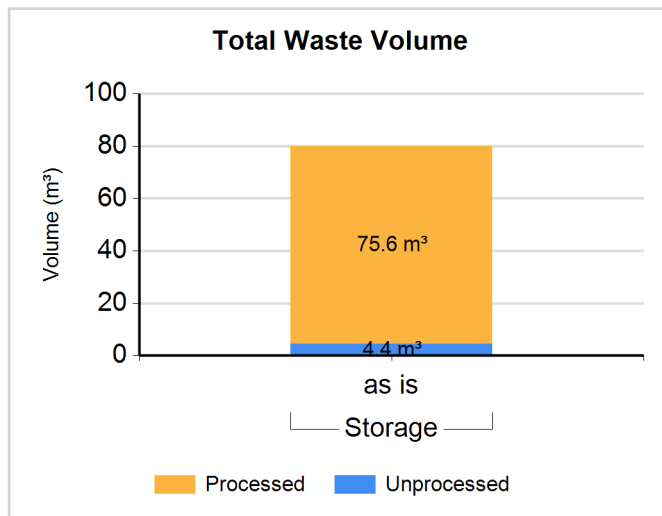
Site Name: BRINJE S

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

Inventory Reporting Date: December 2008 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 | 2.500 | 2.500 | 25.00 | 0.00 | 0.00 | 75.00 | 0.00 | 0.00 | 0.00 |
| LLW | Storage | Y | Y | 51.400 | 51.400 | 30.00 | 0.00 | 0.00 | 30.00 | 0.00 | 32.00 | 8.00 |

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 | 1.900 | 1.900 | 25.00 | 0.00 | 0.00 | 75.00 | 0.00 | 0.00 | 0.00 |
| ILW | Storage | Y | Y | 24.200 | 24.200 | 27.00 | 0.00 | 0.00 | 40.00 | 0.00 | 0.00 | 33.00 |

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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 | | | | | |
| Cm-244 | | 1 | | Y | N | Y | 8.800E+000 | 2008.08 |
| | | 8.800E+000 | | | | | | |
| Co-60 | | 1 | | N | Y | Y | 1.600E+003 | 2008.09 |
| | | 1.600E+003 | | | | | | |
| Co-60 | 324 | | | Y | N | Y | 5.400E+002 | 2008.09 |
| | 5.400E+002 | | | | | | | |
| Cs-137 | | 82 | | Y | N | Y | 8.100E+002 | 2005.11 |
| | | 8.100E+002 | | | | | | |
| Eu-152 | | 8 | | Y | N | Y | 3.600E+002 | 2005.11 |
| | | 3.600E+002 | | | | | | |
| Eu-154 | 2 | | | Y | N | Y | 8.000E+000 | 2005.11 |
| | 8.000E+000 | | | | | | | |
| Fe-55 | 4 | | | Y | N | Y | 4.400E+000 | 2004.04 |
| | 4.400E+000 | | | | | | | |
| H-3 | | 16 | | Y | N | Y | 9.600E+001 | 1992.04 |
| | | 9.600E+001 | | | | | | |
| Kr-85 | | 5 | | Y | N | Y | 5.900E+001 | 2008.08 |
| | | 5.900E+001 | | | | | | |
| Sr-90 | 101 | | | Y | N | Y | 1.100E+001 | 2005.11 |
| | 1.100E+001 | | | | | | | |

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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 | | 1 | Y | N | Y | 6.500E+001 | 2005.11 |
| | | 6.500E+001 | | | | | |
| Am-241 | 2617 | | Y | N | Y | 3.300E+000 | 2008.12 |
| | 3.300E+000 | | | | | | |
| Am-241 | | 2 | Y | N | Y | 2.300E+002 | 2008.08 |
| | | 2.300E+002 | | | | | |
| Am-241 | 17 | | Y | N | Y | 3.400E+001 | 1976.12 |
| | 3.400E+001 | | | | | | |
| Ra-226 | 240 | | Y | N | Y | 2.700E+001 | 2001.06 |
| | 2.700E+001 | | | | | | |
| Th-232 | 1 | | Y | N | Y | 5.700E-005 | 1986.12 |
| | 5.700E-005 | | | | | | |