

Site (Data) : Khmel NPP

Stock of waste as at December 2011

Country: UKRAINE

Reporting Year: 2011

Site Name: Khmel NPP

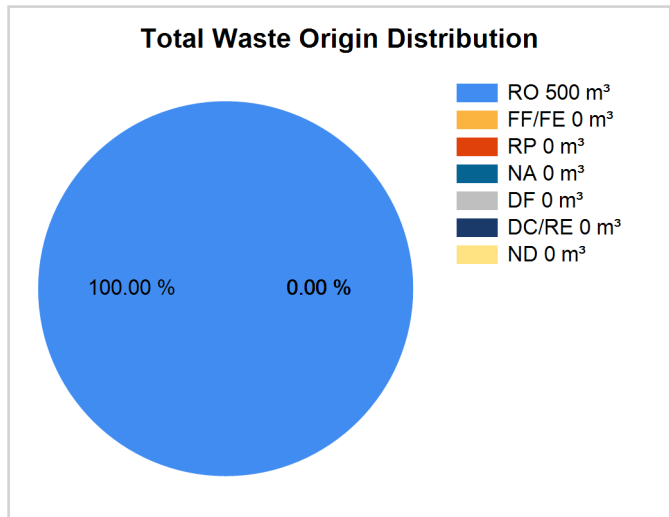
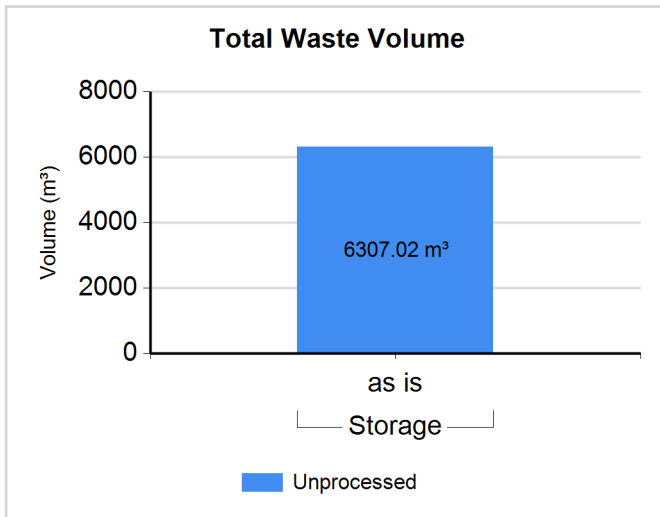
Full Name: Khmelnitsky nuclear power plant

Inventory Reporting Date: December 2011

Waste Matrix Used: Ukraine

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.

## Site (Data) : Khmel NPP

Stock of waste as at December 2011

Country: UKRAINE

Reporting Year: 2011

**Waste Class: Mid-Active**

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m <sup>3</sup> ) | Volume "as dispo" (m <sup>3</sup> ) | RO %   | FF/FE % | RP % | NA % | DF % | DC/RE % | ND % |
|------------------|---------------------|------|------|----------------------------------|-------------------------------------|--------|---------|------|------|------|---------|------|
| Mid-Active       | Storage / SLRW      | N    | N    | 1579.800                         | 1579.800                            | 100.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 |
| Mid-Active       | Storage / SSRW      | N    | N    | 118.700                          | 118.700                             | 100.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 |

Comment # 6826: The additional characteristics of the waste

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)

Processed: liquid (organic)

**Waste Class: Low-Active**

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m <sup>3</sup> ) | Volume "as dispo" (m <sup>3</sup> ) | RO %   | FF/FE % | RP % | NA % | DF % | DC/RE % | ND % |
|------------------|---------------------|------|------|----------------------------------|-------------------------------------|--------|---------|------|------|------|---------|------|
| Low-Active       | Storage / SLRW      | N    | N    | 1.100                            | 1.100                               | 100.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 |
| Low-Active       | Storage / SSRW      | N    | N    | 4597.900                         | 4597.900                            | 100.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 |

Comment # 6827: The additional characteristics of the waste

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)

Comment # 25547: 2011 (SLRW)

1,3 m3 of RW oil was burnt in 2011 year

**Waste Class: High-Active**

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m <sup>3</sup> ) | Volume "as dispo" (m <sup>3</sup> ) | RO %   | FF/FE % | RP % | NA % | DF % | DC/RE % | ND % |
|------------------|---------------------|------|------|----------------------------------|-------------------------------------|--------|---------|------|------|------|---------|------|
| High-Active      | Storage / SSRW      | N    | N    | 9.520                            | 9.520                               | 100.00 | 0.00    | 0.00 | 0.00 | 0.00 | 0.00    | 0.00 |

Comment # 6828: The additional characteristics of the waste

Unprocessed: explosive, flammable, hazardous (chemical), liquid (aqueous), liquid (organic), resin, sludge, solid (dispersible), solid (non-dispersible)

**Processing - Treatment method(s)**

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