

Site (Data) : Olkiluoto

Stock of waste as at December 2007

Country: FINLAND

Reporting Year: 2007

Site Name: Olkiluoto

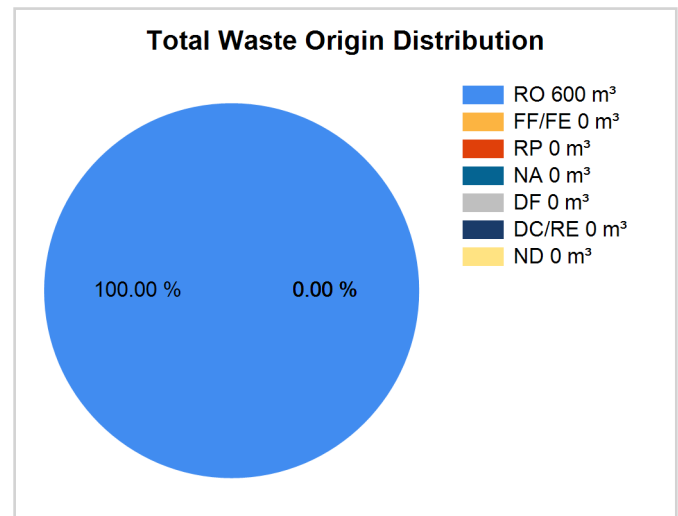
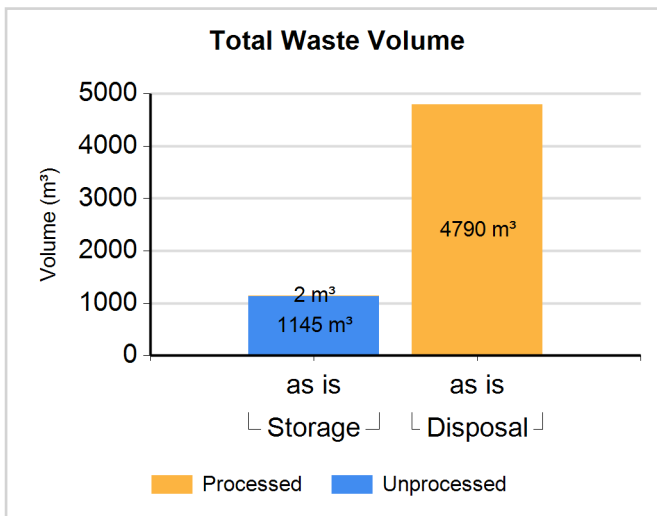
Full Name: Olkiluoto NPP

Inventory Reporting Date: December 2007

Waste Matrix Used: FIN_RADW

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: reactor waste

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m³) | Volume "as dispo" (m³) | RO % | FF/FE % | RP % | NA % | DF % | DC/RE % | ND % |
|------------------|---------------------|------|------|---------------------|------------------------|--------|---------|------|------|------|---------|------|
| reactor waste | Storage / NPP-Area | N | Y | 1092.000 | 1092.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| reactor waste | Storage / OL1 | N | Y | 27.000 | 27.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| reactor waste | Storage / OL1 | Y | Y | 2.000 | 2.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| reactor waste | Storage / OL2 | N | Y | 26.000 | 26.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| reactor waste | Disposal / VLJ-KAJ | Y | N | 1627.000 | 1627.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| reactor waste | Disposal / VLJ-MAJ | Y | N | 3163.000 | 3163.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Comment # 7176: The additional characteristics of the waste

Unprocessed: solid (non-dispersible)

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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 |
| Ion Exchange | N | N | Same | N |
| Wastewater Treatment | N | N | Same | N |

Processing - Conditioning method(s)

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