

Site (Data) : Clive

Stock of waste as at December 2007

Country: UNITED STATES OF AMERICA

Reporting Year: 2007

Site Name: Clive

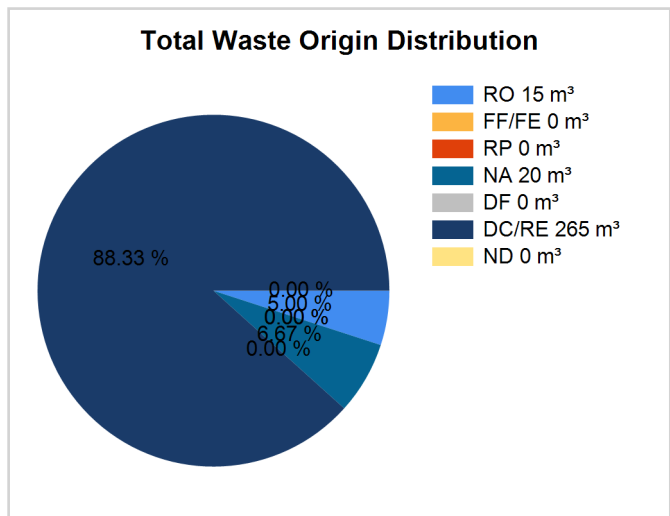
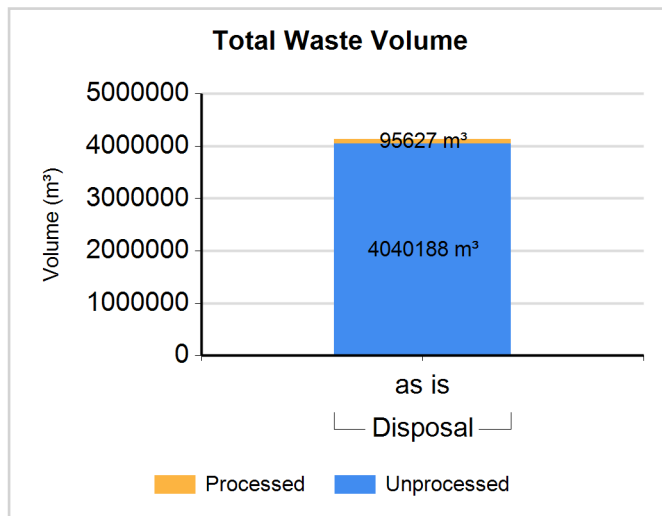
Full Name: EnergySolutions, Clive

Inventory Reporting Date: December 2007

Waste Matrix Used: USNRC

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: Class A 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 % |
|------------------|---------------------|------|------|---------------------|------------------------|-------|---------|------|-------|------|---------|------|
| Class A LLW | Disposal | N | Y | 2780188.00 | 2780188.00 | 15.00 | 0.00 | 0.00 | 20.00 | 0.00 | 65.00 | 0.00 |
| Class A LLW | Disposal | Y | Y | 95627.000 | 95627.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 |

Comment # 9905: Waste characterization

Processed waste is mixed low-level waste, while unprocessed waste reported is non-mixed.

Waste Class: 11e2 Byproduct Material

| Waste Class Name | Location / Facility | Proc | Est. | Volume "as is" (m³) | Volume "as dispo" (m³) | RO % | FF/FE % | RP % | NA % | DF % | DC/RE % | ND % |
|-------------------------|---------------------|------|------|---------------------|------------------------|------|---------|------|------|------|---------|------|
| 11e2 Byproduct Material | Disposal | N | Y | 1260000.00 | 1260000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 100.00 | 0.00 |

Processing - Treatment method(s)

| Method | Status | | | |
|--------------------------|---------|-------------|---|---------------|
| | Planned | R&D program | Current practice method use over the last 5 years | Past Practice |
| Deactivation (of Sodium) | N | N | Same | N |
| Oxidation | N | N | Same | N |
| Thermal Desorption | N | N | Increase | N |

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Processing - Conditioning method(s)

| Method | Status | | | |
|--------------------|---------|-------------|---|---------------|
| | Planned | R&D program | Current practice method use over the last 5 years | Past Practice |
| Macroencapsulation | N | N | Increase | N |
| Polymerization | N | N | Same | N |
| Stabilization | N | N | Same | N |