

Site (Data) : KRC

Stock of waste as at December 2006

Country: IRAN, ISLAMIC REPUBLIC OF

Reporting Year: 2006

Site Name: KRC

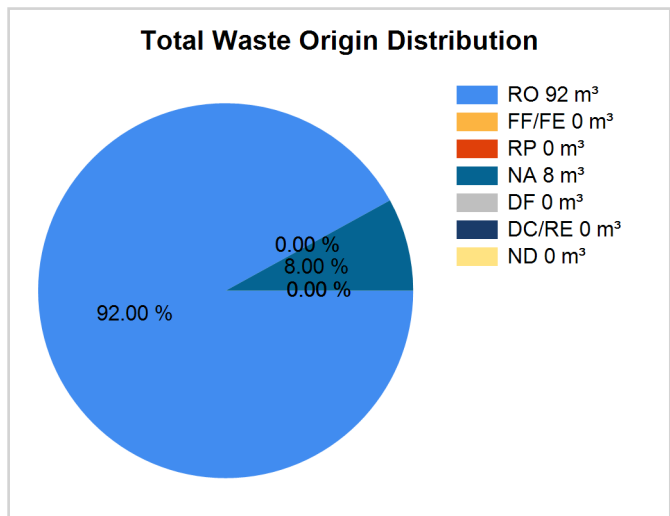
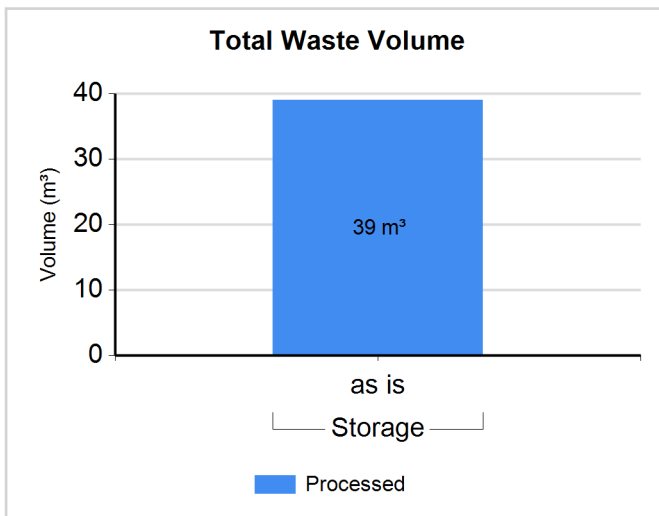
Full Name: Karaj Research Center

Inventory Reporting Date: December 2006

Waste Matrix Used: Iran

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 | Y | N | 39.000 | 39.000 | 92.00 | 0.00 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 |

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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 | | | | | |
| Co-60 | 1 | 3 | | N | Y | N | 1.100E+004 | |
| | 9.300E-003 | 1.100E+004 | | | | | | |
| Cs-137 | 2 | | | N | Y | N | 7.100E-002 | |
| | 7.100E-002 | | | | | | | |
| Ir-192 | | 409 | | N | Y | N | 1.500E+004 | |
| | | 1.500E+004 | | | | | | |
| Pm-147 | 2 | | | N | Y | N | 1.500E+000 | 2006.01 |
| | 1.500E+000 | | | | | | | |

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 | 992 | | N | Y | N | 3.200E-002 | |
| | 3.200E-002 | | | | | | |