

OPERATIONS UPDATE

November 2003

ENVIRONMENTAL REMEDIATION

<u>Progress Achieved</u>	<u>Cumulative Progress Toward</u>
<u>Toward FY04 Goal</u>	<u>Overall Closure Goal</u>



Closure Goal

To remediate 515 identified waste sites by 2020
 (FY04 Goal - Close 13 waste sites) (Achieved 6 closures FY04 to date)
 300 of 515 sites are resolved
 Eleven major groundwater plumes are being treated using 8 groundwater systems

SOLID WASTE

<u>Progress Achieved</u>	<u>Cumulative Progress Toward</u>
<u>Toward FY04 Goal</u>	<u>Overall Closure Goal</u>



Closure Goal

FY04 Waste Source Reduction Goal-5,279 m3 (17 m3 to date)
 (waste reduction in radioactive and hazardous wastes)
 Dispose of 11,000m3 of TRU waste by 2014 (7500 drums shipped)
 FY04 Goal- Make 288 full shipments
 (24 shipments or 148 cubic meters completed as of 11/5/03)

HIGH LEVEL WASTE

<u>Progress Achieved</u>	<u>Cumulative Progress Toward</u>
<u>Toward FY03-FY06 Goal</u>	<u>Overall Closure Goal</u>



Closure Goal

To vitrify all HLW (5060 canisters) by FY19
 FY03-06 goal - 880 canisters; 142-actual (Total - 1479 canisters thru 11/5/03)
 Curies Removed from Tanks by FY19 (5.9 Million to date of 438 Million Total)
 To remove waste from 51 tanks by FY19
 FY04 Tank Closure Goal- two tanks

STABILIZING LEGACY NUCLEAR MATERIALS

<u>Progress Achieved</u>	<u>Cumulative Progress Toward</u>
<u>Toward FY04 Goal</u>	<u>Overall Closure Goal</u>



Closure Goal

Stabilize 96,400 gallons of Plutonium Solution; 3,800 gallons of Am/Cm Solution; 1,600 gallons of Neptunium Solution; and deliver 15,846 Kgs of Uranium as solution to TVA by 2008
 Stabilize 19,555 Spent Nuclear Fuels Assemblies/Targets by 2005
 Stabilize 3,361 Containers of Plutonium-bearing Residues by 2005
 Package 2,707 Containers of Plutonium by 2006