



Scrap Metal Removal Project

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Waste Operations Task Force
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Scrap Metal Description

- A previously estimated 54,000 tons of scrap metal existed at the PGDP after disposal of Drum Mountain.
 - Includes about 9,700 tons of nickel ingots
 - About 7,000 tons disposed to date
- This projects involves the removal of an estimated 26,700 tons of general scrap metal, 2,000 tons of aluminum ingots, and about 8,000 tons (current estimate) of classified material.





Scrap Metal Turnings

- Turnings are the shavings from the machined metal.
- Metal turnings are about 80% hazardous, so all are being managed as hazardous waste to save cost of segregating and packaging separately.
- A current estimate of 3,000 drums of machine turnings (previously estimated at 3,900) to be disposed at Envirocare by October 2005.





Scrap Metal Turnings

- A drum of turnings is picked up and placed in a front loader and the contents are dumped onto an inspection table.
- The turnings are sorted to ensure there is no inappropriate content. The table is then dumped into the container for shipment to and disposal at Envirocare of Utah.





Scrap Metal Issues

- Several sealand containers packaged for transport of general scrap to Nevada Test Site (NTS) leaked moisture prior to shipment.
- Container inspection identified the presence of circuit boards and other electronic devices that conflict with the NTS-approved Paducah Scrap Metal Profiles.
- Current shipments to NTS are suspended and scrap metal waste has not been shipped off site in several months.





Recent Accomplishments

- Approximately 1,800 drums of machine turnings have been processed and packaged for shipment and disposal through the end of April.
- More than 60% of metal turnings have been processed and ready for disposal pending approval of security plan.
- Visits have been made to Ohio (Fernald and Mound) to observe and gather information on their rail shipping campaigns.



Schedule

- Metal turnings to be shipped to Envirocare upon DOE approval of security plan.
- Plans underway to ship 191 containers of scrap metal to Envirocare via rail this summer.
- Field work expected to begin in May 2005 for landfill disposal of approximately 30 containers of scrap metal dumped and inspected.
- NTS audit -- suspended to resolve procedural issues regarding the audit scope -- to resume not later than June 13