



PORTSMOUTH SITE SPECIFIC ADVISORY BOARD

•OSU Endeavor Center • 1862 Shyville Road • Piketon, Ohio 45661 • (740) 289-5249 •

Waste Disposition Meeting August 13, 2009 • 4:30pm.

Co-Chairs

Val E. Francis
Richard H. Snyder

Board Members

Shirley Bandy
Lee A. Blackburn
Gene Brushart
Dr. Edwin G. Charle, Ph.D.
Dr. Andrew L. Feight, Ph.D.
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Sharon E. Manson
Stephen Martin
Daniel J. Minter
Larry A. Parker
Michael E. Payton
Cristy D. Renner
Terri Ann Smith
Lorry Swain

Agenda

1. Review of Agenda
2. Review of June Summary
3. Waste Disposition Project Updates
4. Disposition of Surplus Uranium Material (*American Recovery & Reinvestment Act*)
5. Recycle Metals
6. Public Comment Period (15 Minutes)
7. Concerns/Issues

Deputy Designated

Federal Official
Dave Kozlowski

DOE Federal Coordinator

Greg Simonton

Support Services

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Waste Disposition Committee

Meeting Summary

August 13, 2009 • 4:30 p.m.

The Ohio State University Endeavor Center
1862 Shyville Road, Piketon, OH 45661

Committee Members Present: Shirley Bandy and Larry Parker

Executive Committee: Val Francis and Dick Snyder

DOE Representatives: Joel Bradburne

DOE Employees, Contractors and Regulators: Cid Voth and Kristi Wiehle, DOE; Sandy Childers, Bill Franz, and Steve Schmucker, LPP

Liaisons: Steve Wells, Ohio EPA

Support Staff: Julie Galloway, Brandy Moore and Eric Roberts, EHI

1. Review of Agenda

- Agenda approved

2. Review of June Summary:

- Summary approved

3. Waste Disposition Project Updates:

Franz, with LATA Parallax, covered the monthly status report.

- Total Waste Shipments for June and July
- Excess Materials Disposition
- Lube Oil/Pyranol Disposition
- Small Cylinders Disposition Phase II
- DOE Material Storage Areas 11 and 12
- Repackaging/Disposition of Surplus Uranium Material – American Recovery and Reinvestment Act (ARRA) Project

A copy of this handout is available online at www.ports-ssab.org.

Question/Comment:	Answer:
Parker Where the lube oil and Pyranol shipped?	Franz To Clean Harbor in Texas.

4. Disposition of Surplus Uranium Material (American Recovery & Reinvestment Act Project)

Schmucker, with LATA Parallax gave a presentation.

- Decontamination and Decommissioning (D&D) of the X-633 Recirculating Cooling Water Tower Complex
- Decontamination and Decommissioning (D&D) of the X-760 Chemical Engineering Building
- X-701B Groundwater Plume Source Removal
- Repackaging and Disposition of Excess Uranium Materials
- Decontamination and Decommissioning (D&D) of the X-533 Switchyard Complex

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Question/Comment:	Answer:
Childers How many of the 13 lots being repackaged/disposed from the Uranium Management Center fall into the <1% enriched and normal uranium category?	Schmucker 7 of the lots do.
Snyder for what purpose did they use pure uranium?	Schmucker Depends, some was to be used reactors.
Snyder Does this project have to go thru a permit?	Franz In this case no, waste is covered under the Programmatic Agreement.
Snyder Is the project described in the document?	Franz Yes a baseline description, next month we will give an update. Bradburne Good idea to make a broader presentation.

5. Recyclable Metals

- **Parker** stated that the Letter to Assistant Secretary Dr. Inez Triay (Green Initiative for Recyclable Metals with the DOE Complex) is still before the Executive Committee. They didn't have enough members present for a quorum. Parker stated that they have three recommendations.
 - The PORTS SSAB should not sign the subject letter because there are currently no national standards for controlling radioactive, volumetrically contaminated metals, and there are not any checks and balances for contractors handling such contaminated metals.
 - There is a need for DOE HQ to send a letter to the Nuclear Regulatory Commission that national standards be established as quickly as possible to regulate the reuse and disposition of low-level radioactive contaminated metals.
 - All DOE EM facilities should establish a "Contaminated Materials Coordinator" to inventory each site that is subject to future D & D for

the amount of potential radioactive contaminated metals and suggest future reuse and disposition

6. Public Comment Period

None

7. Concerns/Issues:

- Add Onsite Disposal to next month's Agenda

8. Review of Action Items:

- Next meeting Bill Franz will give a baseline description update on the materials in the X-744G.
- Committee would like a better understanding in the future of what items are onsite that can be considered for recycling.

Bandy motioned to adjourn meeting, ***Motion seconded.***

- ***Motion carries***

Meeting adjourned at 5:49 p.m.

Next meeting will be on September 10th, 2009 at 4:30 p.m.



Portsmouth Gaseous Diffusion Plant

August 13, 2009

Monthly Waste Disposition Projects Update to the Site Specific Advisory Board

Total Waste Shipments for June and July

Seventy-one containers of waste totaling 303.16 cubic meters of low-level, mixed low-level, TSCA mixed low-level, RCRA and recycle/universal wastes were shipped either for treatment or disposal during the months of June and July 2009. To date in FY 2009, a total of 3,426 cubic meters of low-level and mixed low-level waste have been shipped for disposal. LATA/Parallax has surpassed the planned shipment amount (3,109 cubic meters) for all of FY 2009. The breakdown for waste disposition in June and July included:

- Nevada Test Site: 24 containers of low-level waste totaling 273 cubic meters;
- EnergySolutions Disposal Facility in Utah: 10 containers of low-level waste; 16 containers of mixed low-level waste; and two containers of TSCA mixed low-level waste totaling 27.27 cubic meters; and
- Perma-Fix Treatment Facility in Florida: 8 containers of recycle/universal waste, one container of RCRA waste and 10 containers of TSCA waste totaling 2.8 cubic meters.

Excess Materials Disposition

- LPP continues removing rail cars, rail materials, scrap metal, pallets and wood ties in Quadrants III and IV.



Workers prepare an excess rail car for removal from the PORTS site the week of August 3, 2009. The flatbed rail car has been requested for use as a bridge by the Moonville Trail Association in Southeastern Ohio.

Lube Oil/Pyranol Disposition

- USEC has made considerable progress in removing lube oil and pyranol from the site.

Lube Oil:

- Removal and transfer of all bulk lube oil from the X-333 and X-330 Process Buildings is complete with the exception of two units in X-330 which are maintained for operational/backup activities.
- Removal and transfer from three of seven designated units in the X-326 Building is complete.
- Total lube oil removed for disposition through July 2009 is 158,840 gallons via nine railcars.

Pyranol:

- Removal and transfer of pyranol, from the X-333 Building transformers, into railcars is ongoing. Upon completion of the X-333 Building transformers, USEC will begin removal and transfer of pyranol from the X-330 Building transformers into railcars.
- The total pyranol removed for disposition through July 2009 is 68,000 gallons via five railcars.





Portsmouth Gaseous Diffusion Plant

August 13, 2009

Small Cylinders Disposition Phase II

- Project entails disposal of 713 cylinders: 300 with greater than “heel” quantities of UF_6 ; 127 cylinders returned from USEC after recovery of uranium and 286 clean empty cylinders recovered from eight waste containers that were stored in the X-326 building.
- An LPP Readiness Assessment began the week of July 20, 2009; currently addressing issues related to a heat trace line in equipment. After the LPP Readiness Assessment is completed, DOE will perform a Readiness Assessment.
- Once stabilized, waste will be shipped to the Nevada Test Site.
- Project expected to be complete by mid-October 2009.

DOE Material Storage Areas 11 and 12

- Ongoing project to dispose of 324 total items of equipment stored in the X-326 Process Building.
- Shipment of 69 items (in 42 containers) has been completed to date for disposal at Nevada Test Site.
- Packaging of remaining items continues toward a September 30, 2009 completion date.

Repackaging/Disposition of Surplus Uranium Materials – American Recovery and Reinvestment Act (ARRA) Project

- Scope includes repackaging and disposition of about 34% or approximately 1,000 metric tons (in 13 separate lots) of the total inventory of surplus uranium currently in storage in the Uranium Management Center.
- Materials will be disposed at the Nevada Test Site.
- Shipments anticipated to commence in September 2009.



Pictured below are two lots of uranium materials to be dispositioned from the Uranium Management Center.

