



PORTSMOUTH SITE SPECIFIC ADVISORY BOARD

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

Waste Disposition Committee Meeting June 11, 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.
Bobby E. Graff
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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

Deputy Designated

Federal Official
Dave Kozlowski

DOE Federal Coordinator

Greg Simonton

Agenda

1. Review of last meeting's summary
2. Waste Disposition Project Updates
3. Recycle Metals
4. Concerns/Issues

Support Services

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1862 Shyville Road
Piketon, OH 45661
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Waste Disposition Committee

Meeting Summary

June 11, 2009 • 4:30 pm.

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

Committee Members Present: Lee Blackburn, Lorry Swain and Larry Parker

Members Absent: Shirley Bandy and Terri Ann Smith

Board Members Present: Michael Payton

DOE Representatives: Greg Simonton, Dave Kozlowski, and Melda Rafferty

DOE-Related Employees: Marsha Bates, Sandy Childers, and Bill Franz, LPP; Janie Crowwait, RSI;

Liaisons: Maria Galanti, and Melody Steward, OEPA; Michael Rubadue, Ohio Dept. of Health

Support Staff: Julie Galloway and Eric Roberts, EHI

1. Review of Agenda:

Parker motions to approve the agenda, **Motion seconded.**

- **Motion carries**

2. Review of Previous Summary:

Blackburn motions to approve May summary, **Motion seconded.**

- **Motion carries**

3. Waste Disposition Project Updates:

DDFO Comments:

- Introduction of Joel Bradburne, new DOE site lead for PORTS site
- RFP issued on June 4, 2009, Facility Support Services (FSS) contract
- Committee requested USEC lease in redacted form
 - GDP Lease and amendments on EM Consolidated Business Center (CBC) website
- Covered the Press Releases dated June 4, 2009
 - Stimulus Hiring
 - DOE RFP

Franz, covered the monthly status report.

- Total Waste Shipments for May
- Excess Materials Disposition
- Lube Oil/Pyranol Disposition
- Small Cylinders Disposition Phase II
- DOE Material Storage Areas 11 and 12
- Polybottle Disposition

4. **Public Comment:**

Melody Stewart OEPA; We offer any support for any issue or question that the subcommittee might have.

Michael Rubadue, Ohio Department of Health; We offer the same support. We have historical records of WAC's and data related to Fernald.

5. **Recycle Metals**

Parker discussed the Green Initiative Recycling Recommendation Letter; the letter was drafted as a consensus product of the EM SSAB Chairs meeting at Savannah River. The intent of the letter was to ask the Assistant Secretary to look at recycling issue. Roberts believes that 7 of 8 boards have passed this letter.

Swain states, "I am not in favor of signing the letter for the following reasons:

" There is movement within the DOE to weaken the moratorium and/or do away with the suspension. It could be perceived that this letter contributes to an effort to disregard the suspension or that this letter could be seen as demonstrating consensus among all the SSABs to undo the suspension or weaken the moratorium or to use the loopholes in these policies. Such a consensus does not exist."

"We have not had a public discussion at Piketon on the issues of the suspension and moratorium policies, their background and their loopholes. It's possible that our community members-at-large are not even aware of the suspension policy, its background and its loopholes and of the ramifications of weakening these policies. Also, during this past month I spoke with various people living around Paducah and was informed that many citizens there are opposed to this attempt to "recycle" the contaminated nickel and other metals from the Paducah site."

"The suspension was put in place in the year 2000 to prevent potentially contaminated metals from being sent to recyclers. But there are large, unintended loopholes in the suspension policy. For instance, potentially contaminated metals could be moved to non-control areas and later released. That loophole was suggested by one of our SSAB members at a previous meeting when we were discussing SODI taking possession of metals from the DOE reservation and then having SODI recycle the metals. Also, contaminated materials may be present outside the currently designated radiological control areas. Also, there is an assumption that surface radioactive contamination can be removed, but it cannot be fully removed, and therefore, during recycling-melting the final products could all be volumetrically contaminated."

"Although restricted release for use within the DOE complex might sound like a logical possibility for contaminated materials, I would argue that the contaminated materials should not be released at all. If they are no longer regulated, but used within the DOE complex, they could subsequently be released out of the DOE complex. In other words, restricted release could become a middle step to allowing release into the regular marketplace."

"Regarding a new steel mill dedicated to recycling contaminated metals from the DOE complex (which is an unspoken element of the letter) the potential for such a facility was studied in the year 2000. The study concluded that because there were too many uncertainties in the extremely high estimated costs, the lack of demand for recycled contaminated metals and uncertainties about methods for recycling the

contaminated metals, the concept of such a facility could not be accepted or rejected. That conclusion about high costs and low market demand was made long before our present financial and environmental crises became so clear.”

Blackburn, How does DOE protect the public from “free-lease” and what are the efforts of control?

Parker motions to write up reasons to provide to the full Board on why the committee will not support the Green Initiative Letter and provide this at the August full Board meeting,

Motion seconded

o **Motion carries**

The committee will decide via email whether or not to have a July meeting.

Meeting Adjourned

Next meeting: Thursday, August 13, 2009 at 4:30 pm.



Portsmouth Gaseous Diffusion Plant

June 11, 2009

Monthly Waste Disposition Projects Update to the Site Specific Advisory Board

Total Waste Shipments for May

Eighty-five containers of waste totaling 305.5 cubic meters of low-level, mixed low-level, and non-radiological TSCA or RCRA wastes were shipped either for treatment or disposal during the month of May 2009. To date in FY 2009, a total of 3,123 cubic meters of low-level and mixed low-level waste have been shipped for disposal. LATA/Parallax has already surpassed the planned shipment amount (3,109 cubic meters) for all of FY 2009.

The breakdown for waste disposition in May included:

- Nevada Test Site: 10 containers of low-level waste totaling 77.41 cubic meters;
- EnergySolutions Disposal Facility in Utah: 16 containers of low-level waste totaling 196.53 cubic meters; 28 containers of mixed low-level waste totaling 19.08 cubic meters; two containers of TSCA low-level waste containing 0.42 cubic meters; and
- Perma-Fix Treatment Facility, Oak Ridge, TN: 29 containers of waste totaling 12.05 cubic meters.

Excess Materials Disposition

- Due to access restrictions to leased areas, LPP has submitted 13 of 17 areas of excess scrap materials on plant site for removal from scope.
- LPP has completed removal of scrap materials from the X-735 north area in Quadrant IV on the northern section of the site.
- LPP continues removing rail materials, scrap metal, pallets and wood ties in the other areas in Quadrant IV.
- LPP has begun the work packages for two areas in Quadrant III containing rail cars and rail materials.

Lube Oil/Pyranol Disposition.

- USEC is removing Toxic Substance Control Act (TSCA) regulated oils and lubricating oils from the three process buildings prior to decontamination and decommissioning.
- A contract is in place with Clean Harbors, Texas, to incinerate lube oils from Portsmouth.
- Total currently planned shipments in 2009:
 - Pyranol from X-330/X-333 Process Buildings: 1.9M lbs
 - USEC has shipped 174,624 lbs via one railcar
 - USEC has loaded 349,248 lbs into two railcars
 - Remaining oil for shipment is approximately 1.4M lbs
 - Lube Oils from X-330/X-333/X-326 Process Buildings: 1.7M lbs
 - USEC has shipped 457,163 lbs via three railcars
 - USEC has loaded 441,650 lbs into three railcars
 - Remaining oil for shipment is approximately 810,000 lbs



Portsmouth Gaseous Diffusion Plant

June 11, 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.
- A LPP Readiness Assessment is scheduled the week of June 22, 2009, followed by a DOE Readiness Assessment.
- Stabilization contractor was mobilized June 1, 2009. An enclosure structure has been assembled in the center of the X-345 facility. The contractor is installing processing equipment and preparing for the LPP and DOE Readiness Reviews.
- Cylinder stabilization/solidification scheduled to begin in July 2009. 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 52 items has been completed to date for disposal at Nevada Test Site.
- Packaging of remaining items continues toward a September 30, 2009 completion date.

Polybottle Disposition

- This project was transferred to USEC, who is currently processing the polybottles for DOE to recover and reuse the uranium.
- To date, 379 of the 1,350 polybottles to be processed have been introduced into the system.
- The system is proceeding and USEC is currently awaiting laboratory results regarding the ASTM specifications for the processed material.





U.S. DEPARTMENT OF ENERGY

Portsmouth/Paducah Project Office, 1017 Majestic Drive, Suite, 200
Lexington, Kentucky 40513

Media Contact:
Ted Theopolos: 859-219-4010

For Immediate Release
June 4, 2009

DOE ISSUES REQUEST FOR PROPOSAL FOR FACILITY SUPPORT SERVICES AT OHIO PORTSMOUTH GASEOUS DIFFUSION PLANT

LEXINGTON, KY – The U.S. Department of Energy (DOE) today issued a Request for Proposal (RFP) for the Facility Support Services at the Portsmouth Gaseous Diffusion Plant (GDP) near Piketon, Ohio. This acquisition is set-aside for small businesses and will result in a cost-plus-award fee (CPAF) contract with an estimated range of \$25 to \$50 million. The contract will have a five-year performance period.

The Performance Work Statement for the Portsmouth Facility Support Services includes:

- janitorial services
- computing and telecommunication
- personnel and cyber security
- training
- grounds, roadway maintenance and snow removal

The Portsmouth GDP is located in south central Ohio, approximately 75 miles south of Columbus and 22 miles north of the Ohio River. It is a DOE-managed, contractor-operated site of 3,777 acres, with about 1,200 acres within seven-mile perimeter road.

The Portsmouth GDP was built in the early 1950s as part of the Nation's nuclear weapons complex. Uranium was enriched from 1954 until 2001. Today, it is part of the world's largest cleanup program under DOE's Office of Environmental Management.

Proposals in response to the RFP are requested by August 4, 2009. The facility support services RFP will be posted on the *Federal Business Opportunities* webpage (www.fbo.gov) via DOE's Industry Interactive Procurement System (IIPS) as well as to the D&D Project web site at: <http://www.emcbc.doe.gov/Portsmouth%20FSS/index.html?OpenDocument>

Point of contact for the RFP is: Ruby Sugg, Contracting Officer, 513-246-0050, ruby.sugg@emcbc.doe.gov

-DOE-



**U.S. Department of Energy
Public Notice
Administrative Record File Availability
for the CERCLA Non-Time Critical Removal Action for the former
X-746 Shipping & Receiving Building at the Portsmouth Gaseous
Diffusion Plant**

An Administrative Record File is open and available for public inspection for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Non-Time Critical Removal Action to evaluate options for the removal of the former X-746 Shipping & Receiving Building at the Portsmouth Gaseous Diffusion Plant.

The Department of Energy is informing the public of the availability of the record file and encourages the public to comment on documents as they are placed in the record file. Comments on the X-746 Building Removal Engineering Evaluation/Cost Analysis report should be sent to David Kozlowski, U.S. Department of Energy, P.O. Box 700, Piketon, Ohio 45661 no later than May 8, 2009.

The alternatives evaluated included:

- Alternative 1 – No action
In this alternative, the facility would be left in its current condition.
- Alternative 2 – Remove Contents, Remove Structure, and Dispose of Wastes
In this alternative, the building contents would be removed and the building structure and foundation demolished and disposed.

The Administrative Record is the collection of documents that form the basis for making a decision on how to solve a specific environmental problem. The file contains all documents related to the project and will be updated as new information is available. Access to the Administrative Record File may be obtained by contacting:

**DOE Environmental Information Center
Ohio State University Endeavor Center (Room 220)
1862 Shyville Road – Piketon, OH 45661
(740) 289-8898**