



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the April 3, 2014 Board Meeting

Chair

William E. Henderson II

6 p.m.

Call to Order, Introductions

Review of Agenda

Approval of March Minutes

Vice Chair

Val E. Francis

DDFO Comments

--15 minutes

Federal Coordinator Comments

--10 minutes

Board Members

Shirley A. Bandy

Al Don Cisco

Martha A. Cosby

Ervin S. Craft

Franklin H. Halstead

Adrian C. Harrison

Carl R. Hartley

Brian F. Huber

Sharon E. Manson

Daniel J. Minter

Michael E. Payton

Richard H. Snyder

Liaison Comments

-- 5 minutes

Presentations

- Shipping Practices-Dean Lobdell, FLUOR B&W

--25 minutes

Administrative Issues

--20 minutes

Subcommittee Updates

--5 minutes

Public Comments

--15 minutes

Final Comments from the Board

--10 minutes

Adjourn

Deputy Designated

Federal Official

Joel Bradburne

DOE Federal Coordinator

Greg Simonton

Support Services

EHI Consultants, Inc.

1862 Shyville Road

Piketon, OH 45661

Phone 740.289.5249

Fax 740.289.1578



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, APRIL 3, 2014, SSAB MEETING • 6:00 P.M.

Location: The Ohio State University Endeavor Center, Room 160, Piketon, Ohio

Site Specific Advisory Board (SSAB) Members Present: Chair Will Henderson; Al Don Cisco, Ervin Craft, Frank Halstead, Adrian Harrison, Carl Hartley, Dan Minter, Dick Snyder

SSAB Members Absent: Vice Chair Val Francis; Shirley Bandy, Martha Cosby, Brian Huber, Sharon Manson, Michael Payton

U.S. Department of Energy (DOE) and Contractors: Joel Bradburne, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jeff Wagner, Dean Lobdell, Fluor-B&W Portsmouth (FBP)

Liaisons: Mike Rubadue, Ohio Department of Health (ODH)

Facilitator: Eric Roberts, EHI

Public: David Manuta, Manuta Chemical Consulting (MC2); Bill Scoville, Lee Blackburn, John Knauff

Approved by Will Henderson, Board Chair

Will Henderson

Call to Order:

Henderson: I would like to call the meeting to order.

Roberts: I would like to welcome everyone, and I will be facilitating the meeting. There will be a public comment period after the presentations. The board should stay within its defined scope and follow the meeting ground rules adopted.

April Agenda:

Roberts: Are there any modifications or proposed changes to the April agenda?

- **Halstead:** I make a motion to approve the April agenda. **Minter:** I second the motion
 - **Motion carried, agenda approved**

March Minutes:

Roberts: Are there any modifications or proposed changes to the March minutes?

- **Halstead:** I make a motion to approve the March minutes. **Craft:** I second the motion
 - **Motion carried, minutes approved**

DDFO comments provided by Joel Bradburne, Federal Project Coordinator:

Agenda

- Plant Updates
 - ISMS Determined Effective
 - Plant Updates NERC Audit
 - Working behind the scenes, X-326 Facility Operations Field Support
 - New Medical Facility Opens for Business
 - Groundwater Remediation
 - Regulatory Process
 - DUF6 Conversion Plant
 - Community Outreach
 - Community Outreach/First Public Tour of 2014
 - Community Outreach Fluor-B&W donates to Pike County Early Childhood and Family Center
 - Community Outreach/Science Bowl II
 - Upcoming Site Events

*A copy of the DDFO presentation is available on the SSAB web site
(www.ports-ssab.energy.gov)*

Federal Project Coordinator comments provided by Greg Simonton, Federal Project Coordinator:

Question/Comment:	Answer:
Hartley: In respect to the new sewage lines, will there be any upgrades to the sewage plant?	Simonton: You are not talking about much volume. I am not sure. What I am saying is that it is not much more flow.

Liaison comments provided by Michael Rubadue:

Rubadue: We have been working on the waste disposition remedial investigation/feasibility study (RI/FS) and all of our comments have been resolved.

Shipping Practices-Dean Lobdell, FLUOR B&W :

- **The Portsmouth Site**
- **Timeline and History**
- **Portsmouth Waste Management**
- **Major Projects To Ship Waste to NNSS**
- **X-326 Typical Cell Exterior**
- **X-326 Removing Components**
- **X-326 Component Handling/Storage**
- **X-326 Non-Destructive Assay**
- **X-326 Waste Certification**
- **X-326 Loading for Transport**
- **NNSS Arrival/Unloading**
- **XT-847 Legacy Waste**
- **X-744G Uranium Management Center**
- **“Opportunities” (Challenges)**
- **FY14-15 Waste Disposition Plan**

Question/Comment:	Answer:
Hartley: The workers asked me about the duct tape they were told to cover any holes with. You might want to let the workers know because they think it is duct tape.	Lobdell: It is not regular duct tape, it looks like duct tape but it is an approved substance.

Administrative Issues:

Top Issue for the EM National Chairs Meeting:

Question/Comment:	Answer:
Halstead: I think the existing landfills have to be named as a top issue.	Henderson: We need to add the recommendation to the slide. I would like to let the public speak on what they think about the top issue.

Public Comments:

Manuta: It is important to know what you are getting into with these landfills in order to be addressed properly. Any business wanting to come onto the site would be out of their mind after spending thousands of dollars without know what is there.

Subcommittee Updates:

Budget and Funding Subcommittee Update by Stan Craft:

Craft: The Budget and Funding Subcommittee met on March 11. The purpose of the meeting was to update the subcommittee with a budget update, presented by Joel Bradburne, DOE.

Community Engagement & Site Legacy Subcommittee Update by Stan Craft:

Craft: The Community Engagement Subcommittee met on March 11. The purpose of the meeting was to give the subcommittee a regulatory process review and outreach efforts by Karen Price, FBP and a Science Bowl Update by Jeff Wagner, FBP.

Executive Subcommittee Update by Will Henderson:

Henderson: The Executive subcommittee met on April 1. The purpose of the meeting was to discuss top issues for the EM National Chairs meeting, site tours schedule, and work plan.

Recycling & Waste Disposition Subcommittee Update by Dick Snyder:

Snyder: The Waste Disposition & Recycling Subcommittee met on March 11. The purpose of the meeting was to give the subcommittee an update on the RI/FS.

Site Optimization and Future Land Use Subcommittee Update by Eric Roberts:

Roberts: The Site Optimization and Future Land Use Subcommittee met on March 11. The purpose of the meeting was to present site optimization efforts to the subcommittee.

Public Comment:

Manuta: The radiation in the X-326 building is very serious. The equipment in X-326 is little, which you will find out when you get to the other buildings. This is not a routine D&D.

Final Comments from the board:

None

Henderson adjourned the meeting at 7:18 p.m.

Next Meeting: June 5, 2014

Action Items:

1. EHI to add the recommendation number to the top issue slide.

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

**Joel Bradburne, Site Lead
U.S. Department of Energy**



**Portsmouth Site Specific Advisory Board
April 3, 2014**



- ▶ Plant Updates
- ▶ Regulatory Progress
- ▶ Community Outreach
- ▶ Upcoming Events

Integrated Safety Management System





Plant Updates NERC Audit





Plant Updates

Working behind the scenes, X-326 Facility Operations Field Support



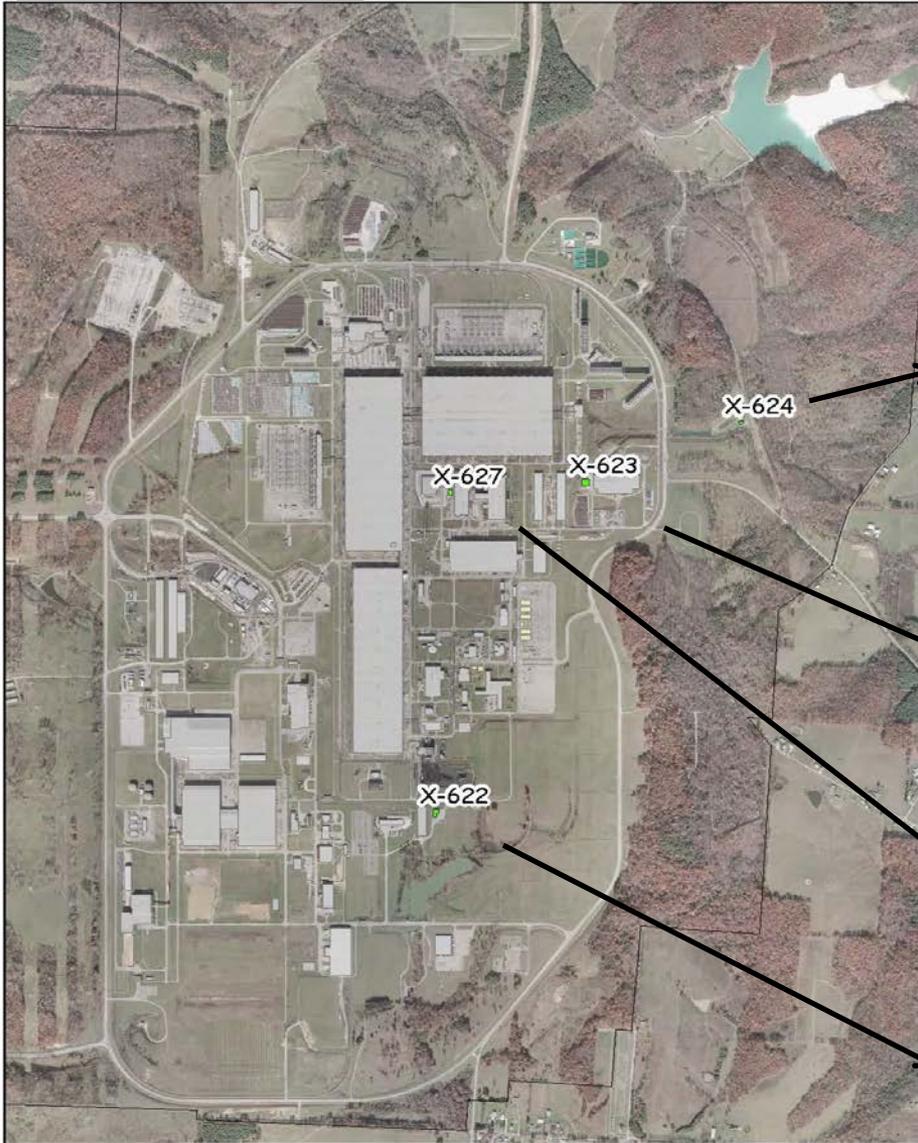


Plant Updates

New Medical Facility Opens for Business



Groundwater Remediation



Building	Groundwater Treated FY2014	TCE Removed FY2014
X-624	0.97 M Gallons	33 lbs
X-623	17K Gallons	0.01 lbs
X-627	4.49M Gallons	61 lbs
X-622	7.93MGallons	10 lbs



Regulatory Process



					
Process Building D&D	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
Waste Disposition	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
Soil and Groundwater Decisions	Implement Ongoing Corrective Measures (already in place from previous decisions)			Evaluation of Alternatives	



DUF6 Conversion Plant

DUF₆ Conversion Plant
Piketon, Ohio





Community Outreach



**SOPA Executive Director
Welcomed at Site**



Community Outreach/ First Public Tour of 2014



For more information or to register, call Sandy Childers at 740-897-2336 or email sandy.childers@fbports.com



Community Outreach

Fluor-B&W donates \$3,600 to
Pike County Early Childhood
and Family Center





Community Outreach/Science Bowl II





Upcoming Site Events



Public Tour
Saturday, April 19



Media Day
Thursday, May 8



Public Tour
Saturday, May 17



SSAB Full Board
Thursday, June 5

For a full list of SSAB activities, check out the website at
<http://www.ports-ssab.energy.gov>



Waste Management Overview

2013-2014



Dean Lobdell

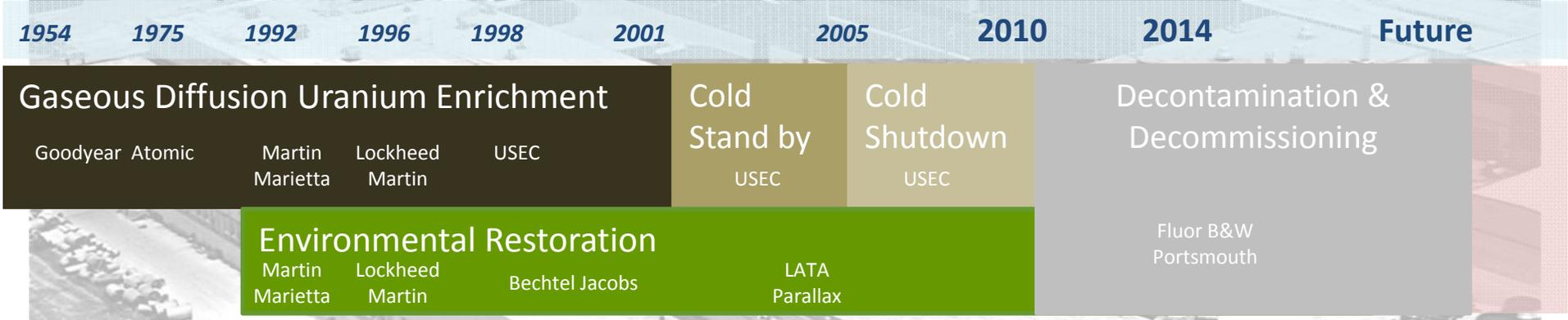
April 2014

The Portsmouth Site





Timeline and History



Portsmouth Waste Management

- **D&D will generate approximately 2.1 million cubic yards of waste and materials**
 - **~10% will be shipped off-site (~7% shipped to date)**
 - **Some material will be recycled**
 - **The remainder is planned to go into an on-site disposal cell if approved in accordance with the ongoing NEPA process**

Major Projects To Ship Waste To NNSS

- **X-326 cut and cap**
 - **Process gas equipment from the top (high assay) of the cascade**
 - **Over 7,020 components divided between converters, coolers, and compressors (20% shipped so far)**
 - **Due to complete component shipping in 2016**

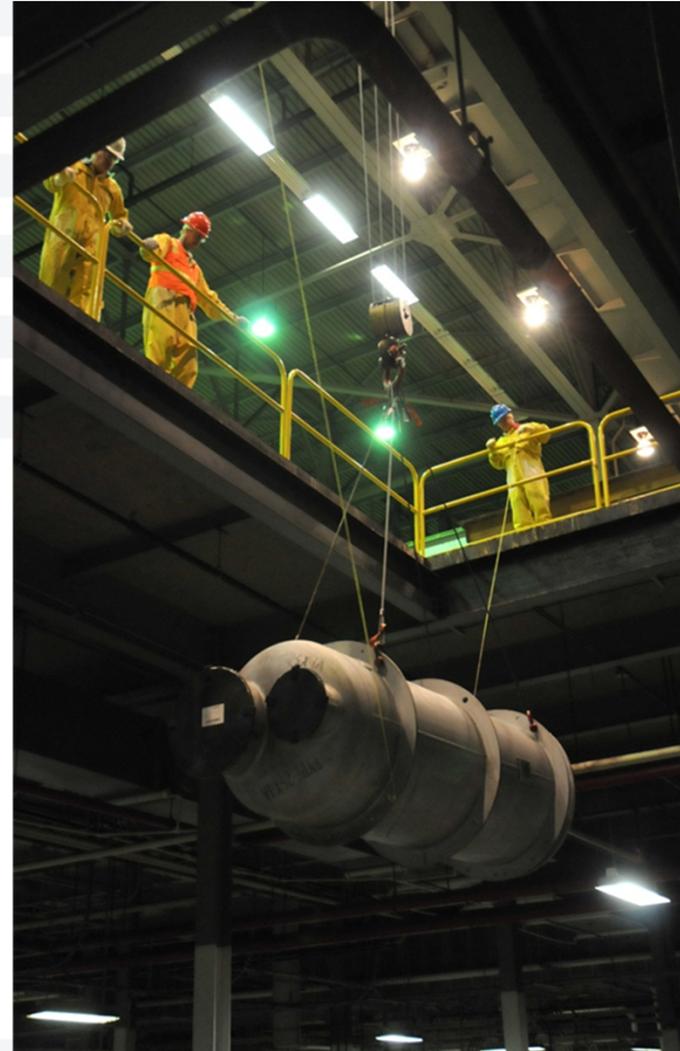
X-326 Typical Cell Exterior



X-326 Removing Components



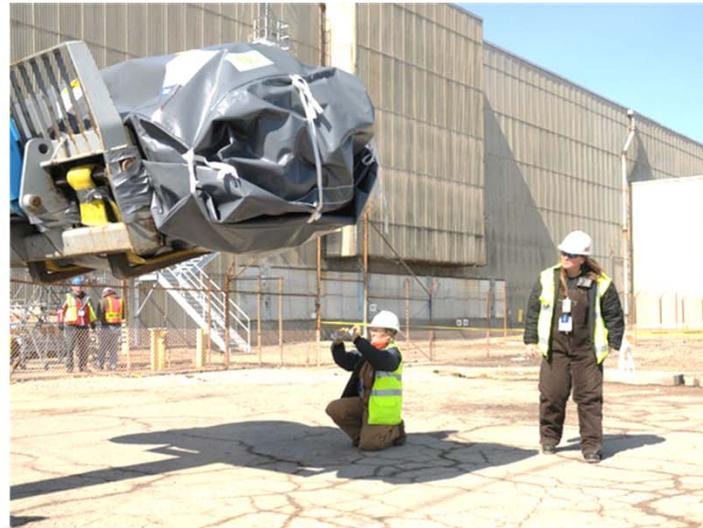
X-326 Component Handling/Storage



X-326 Non-Destructive Assay



X-326 Waste Certification



X-326 Waste Certification



X-326 Loading for Transport



NNSS Arrival / Unloading



XT-847 Legacy Waste

- Legacy container storage
 - Chemical trap media
 - Contaminated oils
 - Maintenance debris



X-744G Uranium Management Center

- Uranium product materials and waste from various sources



“Opportunities” (Challenges)

- **Legacy waste**
 - **Most difficult material dates back more than 20 years**
- **Characterization**
 - **Full suite needed, laboratory, NDA, NDE (RTR), process knowledge**
- **Data management and throughput**
- **Storage space**
- **NEPA process**

FY14-15 Waste Disposition Plan

- **The FY14 Waste Disposition Plan is currently:**
 - **Low Level Waste – 670,000 cubic feet
(149,000 shipped to date)**
 - **Sanitary Waste – 228,000 cubic feet
(12,850 shipped to date)**
 - **Other (RCRA, TSCA, Universal) – 66,000 cubic feet
(2,650 shipped to date)**

FY14-15 Waste Disposition Plan

- **The FY15 Waste Disposition Plan (subject to change) is:**
 - **Low Level Waste – 570,000 cubic feet**
 - **Sanitary Waste – 70,000 cubic feet**
 - **Other (RCRA, TSCA, Universal) – 20,000 cubic feet**