



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, JUNE 7, 2012, SSAB MEETING • 6:00 P.M.

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

Site Specific Advisory Board (SSAB) Members Present: Vice Chair Val Francis; Gene Brushart, Al Don Cisco, Martha Cosby, Ervin Craft, Franklin Halstead, Adrian Harrison, Carl Hartley, Brian Huber, Sharon Manson, Daniel Minter, Kathy Zimmerman-Woodburn

SSAB Members Absent: Chair Richard Snyder; Shirley Bandy, William Henderson, Michael Payton, Cristy Renner, Terri Ann Smith, Connie Yeager, Brandon Wooldridge

U.S. Department of Energy (DOE) and Contractors: Johnny Reising, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); J.D. Chiou, Deneen Revel, Karen Price, Jim Thompson, Fluor-B&W Portsmouth (FBP)

Liaisons: Maria Galanti, Ohio Environmental Protection Agency (EPA); Joe Crombie, Ohio Department of Health (ODH)

Facilitator: Eric Roberts, EHI Consultants

Public: Nate Ames, Edison Welding Institute (EWI); Mark Johnson, Tri-State Building and Construction Trades Council (TSBTC); David Manuta, Manuta Chemical Consulting, (MC2); David Hurd, Operators Local 18; Carl Henderson, Todd Madden, Barbara Nelson

Approved by Richard Snyder, Board Chair

Richard Snyder

Call to Order:

Francis: I would like to call the meeting to order. I would also like to welcome our new members.

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.

June Agenda:

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

- **Halstead:** I make a motion to approve the June agenda, **Manson:** I second the motion
 - **Motion carried, agenda approved**

May Minutes:

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

- **Halstead:** I make a motion to approve the May minutes, **Cosby:** I second the motion
 - **Motion carried, minutes approved**

DDFO comments provided by Greg Simonton, Federal Project Coordinator

Agenda

- Plant Updates
- Process Building D&D
- Balance Of Plant
- Waste Disposition
- Environmental Remediation
- DUF6 Conversion Plant
- Regulatory Progress
- Public Outreach
- Mid-Year Review
- Upcoming Events

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

Question/Comment:	Answer:
<p>Brushart: There was a front-page article in the Portsmouth Times and Chillicothe Gazette regarding the final cascade shut down in the X-326 Process Building today.</p> <p>Sarah and I attended a public tour of the plant with Sandy Childers a couple of weeks ago. They said if you signed up for</p>	

<p>a tour and then cannot make it, please let someone know. There are about 150 people on standby. It is a great program and it should be extended.</p>	
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Federal Project Coordinator comments provided by Greg Simonton, Federal Project Coordinator:

Simonton: I will hold my comments until my presentation.

Liaison comments provided by Maria Galanti, Ohio EPA

Galanti: We received final comments on the X-100 building Removal Action Work Plan on Tuesday, so approval of the removal work plan will be out tomorrow morning. The Remedial Investigation/Feasibility Study (RI/FS) waste disposition document is on the horizon. I highly recommend that as soon as it has been submitted to us, you should get a copy of the summary take a look at. It is the feasibility study of on-site/off-site alternatives. The preliminary Waste Acceptance Criteria (WAC) will be included in the report.

Liaison comments provided by Joe Crombie, ODH

Crombie: None at this time.

Presentations:

Advanced Technologies and Planning Perspectives presented by Nate Ames, Director of Nuclear Fabrication Consortium, Edison Welding Institute (EWI):

- EWI- Quick Snapshot
- EWI- Centers and Consortia
- EWI Laser Decontamination Technology
- Portsmouth D&D Challenges
- Increased Recycling Opportunity
- Technical Applicability to Portsmouth D&D Effort
- Long Term Environmental & Safety Impacts
- Sustainable Business Opportunity
- Potential Partnerships
- Questions

A copy of the Advanced Technologies and Planning Perspectives presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Question/Comment:	Answer:
<p>Francis: What is a 600 ton head, what does it do? Can you clean beams in place?</p>	<p>Ames: It goes on top of a nuclear reactor vessel it is about a 10-inch thick plate or round chunk that gets heated and then beat into shape, which takes a 100 to 200 ton press at 600 degrees celsius. Yes, you can clean beams in place.</p>

<p>How is the contaminant captured after it is stripped off the item?</p> <p>What is your suggestion and who would you see taking the lead on this? Are you looking for DOE to take the lead?</p> <p>Have you consulted any national or international researchers on this?</p>	<p>In order to keep from damaging the item, we stay very cold. You suck off and capture the waste in a bag or metal container. We have not done anything with contaminants yet.</p> <p>I do think DOE would be the first step. Then I think commercial business would follow.</p> <p>We did consult a man from Wisconsin. DOE funded his project in 1996-1997 to laser everything embedded in the paint. Things have changed now. Technology has come a long way in 20 years.</p>
<p>Halstead: Would this be a good technique for removing contaminants?</p> <p>Any company that used ice blasting with CO2 could be helpful and give you information.</p>	<p>Ames: Yes, that is why we are here. This process will only take off the layers that you want removed from an object.</p>
<p>Minter: What would be the cost?</p>	<p>Ames: Our cost would be minimal. However, I do not know what the cost of the process would be. For example, a crushed beam that has been stripped is about 70 cents a pound, if you can sell it as a beam, it would be \$8.00 per pound.</p>
<p>Galanti: Have you ever done any work with Trichloroethylene (TCE)?</p>	<p>Ames: I will have to check on that.</p>
<p>Cisco: You lift the layers off the item then capture it somehow.</p>	<p>Ames: Yes, you suck it off and capture the waste in a bag or metal container.</p>
<p>Simonton: Do you collaborate with The Ohio State University (OSU)?</p>	<p>Ames: OSU welding leases space from us, but we do not work with them.</p>

Process Gas Equipment Breakdown presentation delivered by Greg Simonton, DOE Federal Project Coordinator:

- Waste Acceptance Criteria (WAC)
- Recap
- Process Gas Equipment
- Contaminants
- Impacts
- Technical WAC
- Administrative WAC
- Cost Comparison
- WAC Considerations
- Questions

A copy of the Process Gas Equipment Breakdown presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Question/Comment:	Answer:
<p>Francis: Where are the converters going? Are they just being stored?</p> <p>Would it make sense that with the discussions we had with EWI tonight that their participation would fall in the \$952 Million range?</p>	<p>Simonton: They are being staged right now. I am not sure where they will go.</p> <p>I do not know if I can answer that. It is not as if we have that cash in a pile to pay for shipping off-site. It is just that you would save money by not having to ship everything off-site.</p>
<p>Crombie: Did you find these people to be flexible with the prices?</p>	<p>Simonton: I am sure you can negotiate a better rate.</p>
<p>Halstead: Has it not been decided, that all processed gas equipment because of the TSC in the 326 building will be shipped off to Nevada? I was told that it would be.</p>	<p>Simonton: I will have to ask for verification on that.</p>
<p>Brushart: We were told that there is five or six landfills on-site now. Are those going to be dug up and moved or what is the plan?</p>	<p>Simonton: FFE Inc. (FFE) did say it would be hard to develop on the site with the existing landfills. However, nothing has been decided yet.</p>

Administrative Issues:

Community Engagement Subcommittee Update by subcommittee Vice Chair Gene Brushart:

Brushart: The Site Legacy Subcommittee met on May 8, 2012. We had a presentation by Margaret Hutzal on the Annual Site Environmental Report (ASER) summary. We discussed writing a recommendation showing support for the ASER project.

Manson: I recommended the school should submit the project for recognition to the Ohio School Board Association. This is the first time this state has ever done any project like this before.

Roberts: The students did some artwork that was included in the ASER report. EHI is working with the school to see if we can get some of the artwork to hang in the SSAB office.

Environmental Cleanup & Land Preparation (ECLP) Subcommittee Update by Subcommittee Vice Chair Frank Halstead:

Halstead: The ECLP subcommittee met on May 8, 2012. Karen Price answered some questions that had been asked regarding the landfills. There is no plan in the future for any of the five landfills to be cleaned up.

Waste Disposition Subcommittee Update by Vice Chair Dan Minter:

Minter: The Waste Disposition subcommittee met on May 8, 2012. Dennis Carr delivered a presentation on process gas equipment. We also discussed the National Chairs Draft Recommendation on Budget that Cristy Renner had helped write.

Executive Subcommittee Update by Eric Roberts:

Roberts: The Executive subcommittee met on May 31, 2012. The board members that attended are not here tonight. Therefore, I will go over the information. We are working on the Annual Executive Planning Session for August 24-25. Portsmouth has been asked to help plan the National Chairs meeting in Washington, D.C. this fall, because Portsmouth will be hosting the chairs' meeting in fall of 2013.

Public Comment:

Manuta: My name is David Manuta, President of Manuta Chemical Consulting, Inc., former chief scientist at the plant. A comment on the converters, back when the plant was running the issue was that high assays were being pushed through the converters. With the shutdown, you do not have the temperature control like you did when the plant was operating. That means the vapors can condense. I do not know how much of that has been cleaned, but if solid contaminants remain in the converters, they will need to stay inside the building.

Final Comments from the board:

Halstead: I passed out a letter that I wrote and would like all the members to read. The community has spoken and said no processed gas equipment on-site. Let us conclude it at the next subcommittee meeting and get moving on a recommendation, whether it is for or against an on-site waste cell.

Francis adjourned the meeting.

Next Meeting Thursday, July 12, 2012, 6 p.m.

Action Items:

- EHI will have copies of the draft recommendation 12-03 at the subcommittee meeting.
- EHI will work with Picketon High School to see if artwork from the ASER project can hang in the SSAB office.
- EHI will work with the Community Engagement subcommittee to write a recommendation in support of the ASER project.