



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the April 2, 2015 Board Meeting

Chair

William E. Henderson II

Vice Chair

Val E. Francis

Board Members

Shirley A. Bandy

Lisa Bennett

Robert Berry

Maddeline C. Caudill

Carlton L. Cave

Al Don Cisco

Martha A. Cosby

Ervin S. Craft

Adrian C. Harrison

Carl R. Hartley

Brian F. Huber

Ryan H. Knight

Sharon E. Manson

Daniel J. Minter

Irma C. Payne

Cristy D. Renner

6 p.m.

Call to Order, Introductions

Review of Agenda

Approval of January Minutes

DDFO Comments

--15 minutes

Federal Coordinator Comments

--10 minutes

Liaison Comments

-- 5 minutes

**Presentation-Discussion of SSAB Top Issue for National
Chairs Meeting-Will Henderson, SSAB Chair**

--20 minutes

Administrative Issues

--20 minutes

Subcommittee Updates

--5 minutes

Public Comments

--15 minutes

Final Comments from the Board

--15 minutes

Adjourn

Deputy Designated

Federal Official

Joel Bradburne

DOE Federal Coordinator

Greg Simonton

Support Services

EHI Consultants, Inc.

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PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, APRIL 2, 2015, 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, Vice Chair Val Francis, Lisa Bennett, Bob Berry, Carol Caudill, Carlton Cave, Al Don Cisco, Martha Cosby, Ervin Craft, Carl Hartley, Brian Huber, Sharon Manson, Dan Minter, Cristy Renner

SSAB Members Absent: Shirley Bandy, Adrian Harrison, Ryan Knight, Charlene Payne

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

Liaisons: Maria Galanti, Ohio Environmental Protection Agency (EPA), Shannon Dettmer, Ohio Department of Health (ODH)

Facilitator: Eric Roberts, EHI

Public: Geoffrey Sea, Jane Murray, Mound Zero; David Manuta, Manuta Chemical Consulting (MC2); Bobby Russell, Brenda Mills, John Woolery, Robert Hoaa, BWCS; Frank Halstead

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.

March Agenda:

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

- **Cosby:** I make a motion to approve the March agenda
- **Renner:** I second the motion
 - **Motion carried, agenda approved**

January Minutes:

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

Huber: On page 5 under “Marida” the word powder should be power.

- **Cosby:** I make a motion to approve the January minutes with the one correction.
- **Minter:** I second the motion
 - **Motion carried, minutes approved**

DDFO comments provided by Greg Simonton, Federal Project Coordinator:

- Plant Updates
 - FBP Safety Update
 - X-326 Process Gas Equipment
 - Ship PGE From X-326
 - Steam Plant Gets Winter Coat
 - Budget Briefing
- Portsmouth DUF6 Conversion Plant Status Update
 - Cumulative MT DUF6 Processed at Portsmouth
 - Net percentage of plant operations
 - Planned Improvements
 - Environmental Remediation
 - Regulatory Process
 - SODI Land Transfer
 - Science Bowl III
 - Plant Tours Returning
- Community Outreach
 - Fluor-B&W Internship and Scholarship Opportunities
 - Employee Giving
- Upcoming Site Events

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

Question/Comment:	Answer:
Woolery: On March 25, 2015, there was an accident at the DUF6. An employee was sprayed with KOH (Potassium Hydroxide) on their forehead and some in their eye. Since it was in his eye, we did take the individual via airlift to OSU. He was released the next day. I did suspend operations until we can investigate this incident and prevent it from happening again.	
Francis: Was this a mechanical or human error?	Woolery: The investigation is still under way so I prefer not to comment.
Hartley: In my HazMat class they were saying that the first chopper that was called refused to come because they were afraid of contamination.	Woolery: I have not heard that, there are many rumors., some of which I know are not true. However, I will follow up on that. I can tell you that there was no environmental release, no chemical or radiation release.

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

Simonton: None

Liaison comments provided by Maria Galanti:

Galanti: The deferred unit, work plan dealing with the soil, finalizing the soils, then my understanding is I will have more documents coming my way soon.

Liaison comments provided by Shannon Dettmer:

Dettmer: Nothing new still reviewing public comments.

Discussion of SSAB Top Issue for National Chairs Meeting provided by Will Henderson, SSAB Chair:

Question/Comment:	Answer:
Minter: Maybe make a bullet for making the site ready for reuse.	

Administrative Issues

Subcommittee Updates:

Budget and Lifecycle Planning Subcommittee Update by Stan Craft:

Craft: The Budget and Lifecycle Planning Subcommittee met on January 13. The purpose of the meeting was to discuss the FY 2015 budget update and FY 2016 budget schedule. The subcommittee met again on February 10. The purpose of this meeting was a budget update. The subcommittee also met on March 10. The purpose of this meeting was an overview on Lifecycle Baseline 101.

D&D/Remediation Subcommittee Update by Martha Cosby and Dan Minter:

Minter: The D&D/Remediation Subcommittee met on January 13. The purpose of the meeting was to provide a presentation on the X-740 Plume Characterization. **Cosby:** The subcommittee met again on February 10. The purpose of this meeting was to receive an overview on the soil cleanup program. The subcommittee met again on March 10. The purpose of this meeting was present on the Mutual Aid Agreement. **Henderson:** I would like to see your subcommittee work on a recommendation to DOE on the community commitment plan.

Historic Legacy & Community Engagement Subcommittee Update by Cristy Renner:

Renner: The Historic Legacy & Community Engagement Subcommittee met on January 13. The purpose of the meeting was to give an update on the virtual museum. The subcommittee met again on February 10. The purpose of the meeting was to give a historic preservation update. The subcommittee met on March 10. The purpose of the meeting was to discuss membership, the speakers bureau, and member recruitment.

Future Use Subcommittee Update by Brian Huber and Carlton Cave:

Cave: The Site Optimization and Future Land Use Subcommittee met on January 13. The purpose of the meeting was to give an update on regional economic development. **Huber:** The subcommittee met again on February 10. The purpose of the meeting was to give an update on property transfer. **Roberts:** The subcommittee met again on March 10. The purpose of the meeting was to present the background survey results.

Public Comment:

Halstead: Frank Halstead former board member also worked at the plant and the Air Force. The work that this board does is very good. I salute everyone here that puts in the time and effort to do the job. Any accidents that happen you have to ask how it happened and how do we keep it from happening again. Thank you very much.

Murray: Jane Murray from Portsmouth. I moved back to the area and had hoped to help, unfortunately the political and business corruption has been so rampant these days, the reservation is now in my option a virtual wasteland. The most important tool that we have in this region is the prehistoric and historic archaeology primarily related to the earthworks. This archaeology is of international importance. The proposal to bury hazardous radioactive or any other kind of waste on the 300 acres is absurd in my opinion. I have stated this repeatedly for the last five years in

various forms, as a consulting party, local official, and resident. I have submitted comments. I am also a member of Mound Zero, a new group, which is in against any waste cell at Piketon. All radioactive waste should be shipped off site. 5000 area residents signed a petition and over 100 fence line neighbors opposed an on-site waste cell. Our group claims that DOE is legally barred from putting a radioactive waste cell at this site because DOE has lied to this community about the USEC centrifuge project. DOE has failed to fulfill its legal obligations to obtain community support and DOE has failed to notify the community of any plans for alternative solutions. Cheaper, better alternatives to a waste mound are available. We also contend that DOE is lying about its intent to dig up and relocate existing on-site waste pits and about the history of criminal activities and corruption. We propose that DOE scrap this and start from the beginning and properly do the project and inform the public about the American centrifuge project and its complete propose and a complete history of all investigations at Piketon. I will continue to fight this at every level of this country, Washington, and state. You can count on that. As I said before DOE knows my position on this. Thank you for your time.

Sea: My name is Jeffrey Sea and I am a member of Mound Zero. I am speaking today in opposition of a sighting of any radioactive materials depository at Piketon. All radioactive waste should be removed from the site as part of the cleanup. In addition, please do not go under the assumption that this is a done deal or that the decision as already been made. There were substantial comments submitted and more will be submitted showing that the sighting of a radioactive waste mound here is illegal and cannot proceed. The community stands united in an opposition of a waste mound on the site. As Jane said in 2006-2007, a petition was signed by over 5000 area residents and we have yet to receive a single reply from the Department of Energy in response to that petition. In 2011 over 100 fence line and nearby neighbors signed a petition opposing an on-site waste cell. Just because you have engineered a process here to divert attention and make it away from the community's opposition to a waste cell. Just because you have done that and like talking about basketball games and science bowls and other subjects to divert attention away from the key issue that the community is concerned about. Making it virtually impossible for members of the community to sit in this room through your meetings, just because you have done that, does not mean that you have eliminated the community's consensus against having an on-site waste cell. Do not presume the decision has already been made. If you think it has been made, in your own heads, you have a lot to learn. There is not a consensus in this community and we are offended by Eric's comments that there is some unity in this community about the future direction of this site. DOE should regard Piketon as an environmental justice community. We raised this issue for years, never with a response from DOE. Protected from a siting of a radioactive waste mound by the Presidents Executive orders of environmental justice, 1st signed by Bill Clinton, a 2nd order signed by Barack Obama that make it illegal to put such an environment offense in a community such as Pike County that qualifies under both of those directives. We promise to make the siting of a radioactive waste mound in Piketon a major issue in the Presidential and U.S. Senate campaigns in Ohio in 2016. I urge all of you that have not seen it to look at the headline of the Portsmouth Daily Times today.

Manuta: David Manuta, former chief scientist at the site, now president of Manuta Chemical Consulting. I have a few quick comments. One of which I just heard for the first time, with the incident of the DUf6. What I do today in my consulting company there was a similar incident that reminded me there was something a few years ago. The response was not like the one I heard tonight, the impact was much worse for the person that was impacted. Therefore, I was very pleased to hear how the response was handled. Two I was very interested when Greg said 60% production in the CO2 omissions. Keep in mind, back in the day with the steam plant operations we used coal and now they use natural gas which burns cleaner and that is a step in the right direction. Three I want to talk about the plant tours. We need to get the out of town politicians to ride the bus on these tours.

Final Comments from the board:

Huber: The public comments today have put some ideas in my head that need to be said. One is, and I have said it before, there is scarcely an acre in Pike County in this area that does not have some kind of archaeological significance on it. The Indians of the past have walked every square foot of this county at some time or another. And as we know they are actually planning to build a waste cell over top of one of the archaeological sites that the DOE archaeological studies have found. I just thought I should make that a comment and let it be known again. I would also like to say that DOE had a consulting party for NHPA and it just seems like they have dropped the ball. I do not really know what happened to it, I was a member of that group and I have heard nothing from them. It just seems that they are trying to side step the consulting group that they established. My final comment is basically we should all be learning more about the Environmental Justice Community that Geoffrey Sea talked about. I have heard about it, but I do not really know much about it, but I think we should all become somewhat educated on that. Thank you.

Henderson adjourned the meeting.

Next Meeting: May 7, 2015

Action Items:

1. None at this time.

PREPARING THE FUTURE

PORTS D&D PROJECT

DEPUTY DESIGNATED FEDERAL OFFICIAL PRESENTATION

**Greg Simonton, Federal Project Coordinator
U.S. Department of Energy**

**Portsmouth Site Specific Advisory Board
April 2, 2015**



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



FBP Safety Update

FBP has worked 73 days without a lost time incident as of 3/23/15.

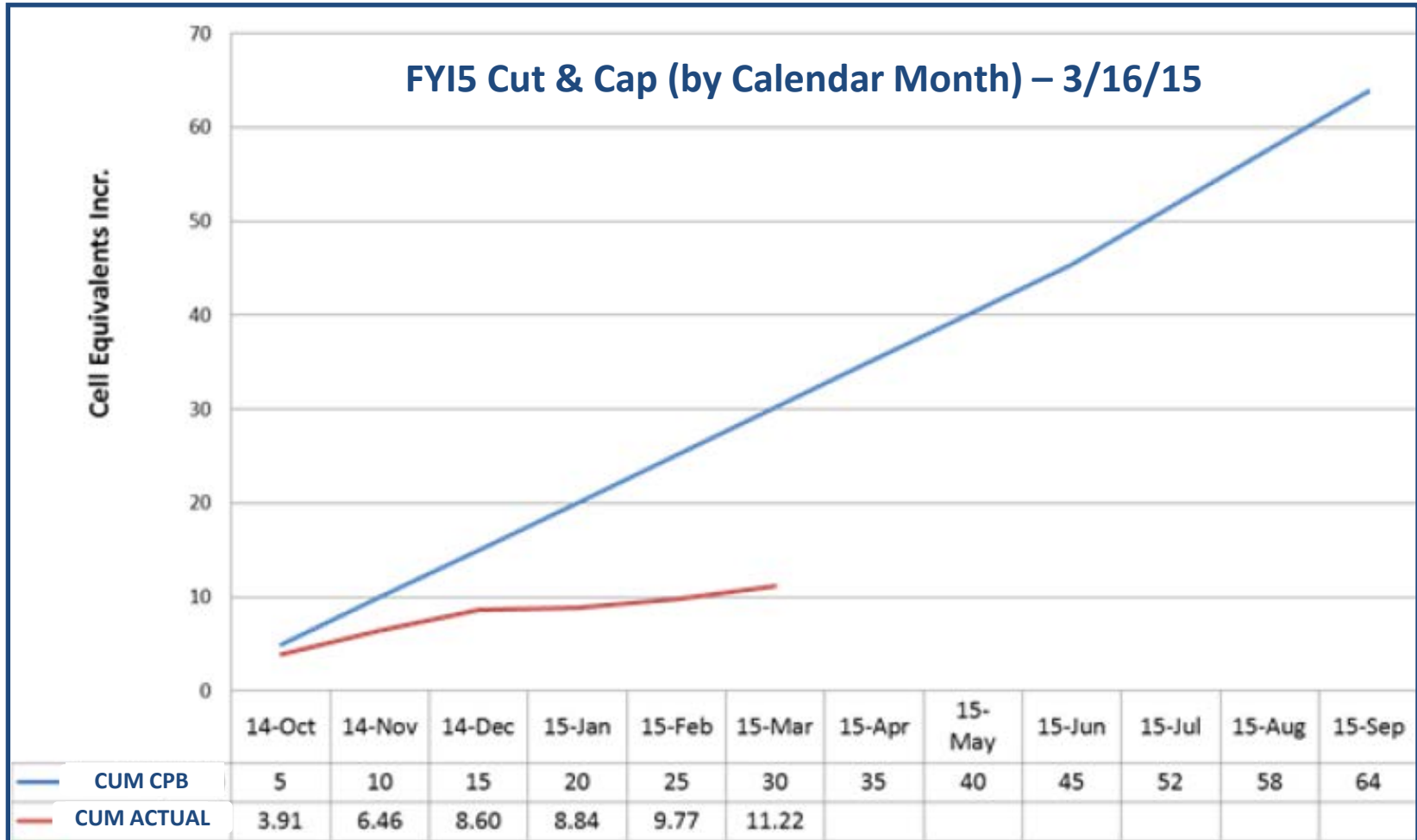
FBP has had seven recordable injuries in CY 2015 as of 3/23/15.

FBP has had 15 recordable injuries in FY 2015 (nine medical treatment and six DART-Restricted) as of 3/23/15

FBP initiated Limited Operations at 2 p.m. on 2/16/15 through 10 a.m. on 2/17/15 because of worsening weather conditions and adverse roads in the surrounding four counties. Execution was efficient and without incident.

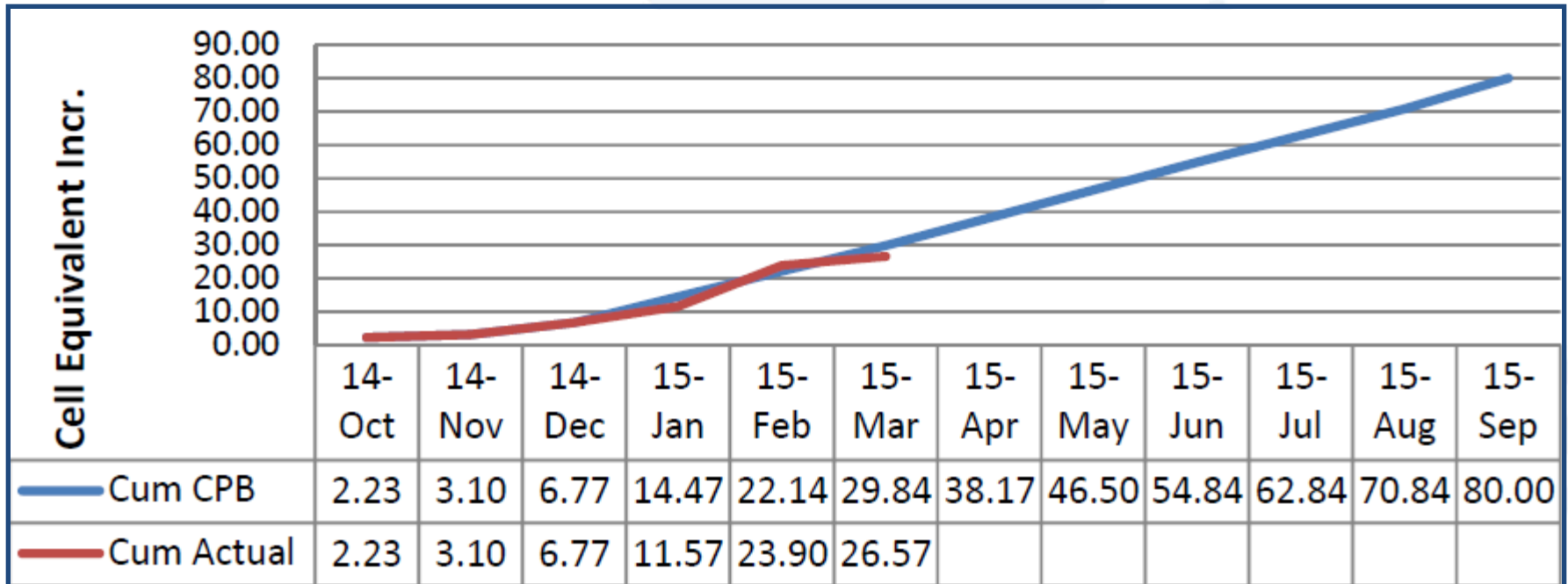
YOU are the KEY to SAFETY!

X-326 Process Gas Equipment



Ship PGE From X-326

FY15 X-326 PGE Shipments – 3/12/2015(by Accounting Month)



Steam Plant Gets Winter Coat



Before



After



Budget Briefing

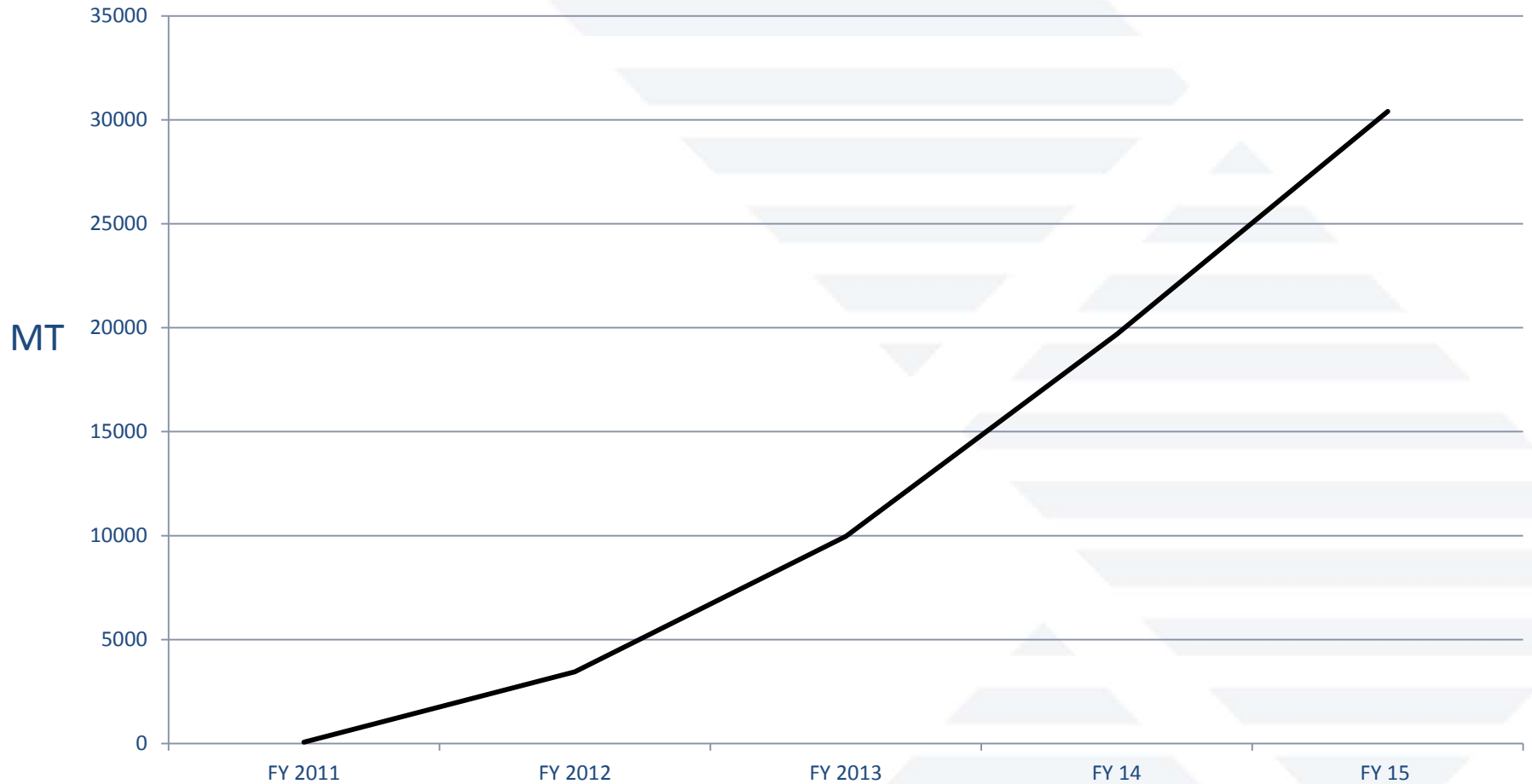
<u>Portsmouth UE D&D</u>	<u>Total</u>	<u>Budget Authority</u>	<u>Barter</u>	
FY 2014 Enacted (\$M):	\$358M	\$138M	\$220M	
FY 2015 Enacted (\$M):	\$414M	\$216M	\$201M	(\$4.5M Capital)
FY 2016 Request (\$M):	\$365M	\$167M	\$198M	(\$34M Capital)

- The \$414M in FY2015 includes \$4.5M for the On-Site Disposal Cell (OSDC) (if selected) and in FY2016 the \$365M includes \$34M for the OSDC (if selected).

Portsmouth DUF6 Conversion Plant Status Update March 5, 2015

Cumulative MT DUF6 Processed at Portsmouth

Through Q1 FY 15, processed ~9% of Portsmouth inventory



Transitioning from startup (FY12) to current sustained production output

Net percentage of plant operations

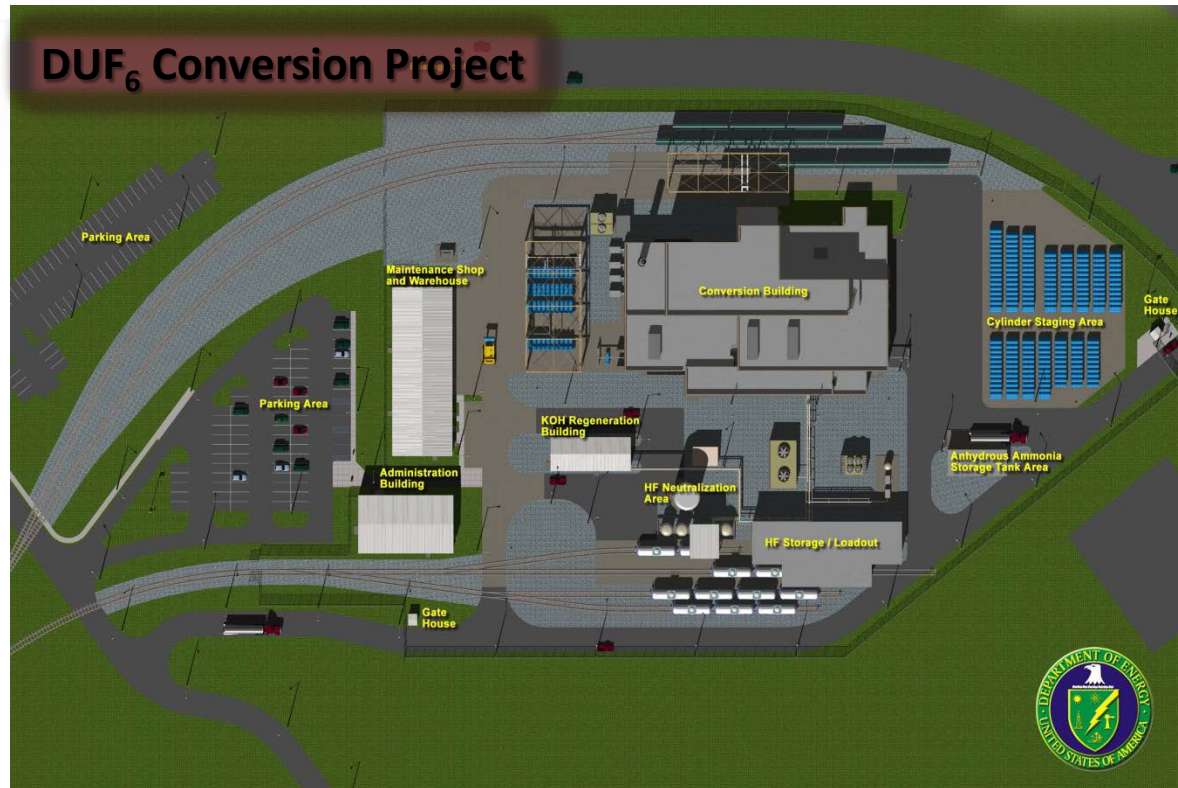
	<u>PORTS</u>
FY12	26%
FY13	58%
FY14	80%
FY15 Q1	65%



Planned Improvements

Equipment replacement or process improvements to increase output

- Replacement Hydrogen Generation Technology
- Improve Autoclave and Conversion Unit Heating Control
- Streamline Cylinder Modification process and Cylinder Movement
- Optimize Oxide transfer process
- Reduce oxide flow restrictions (e.g., valve, blower and piping changes)



Environmental Remediation



Groundwater Treated FY2015	Groundwater Source	TCE Removed FY2015
852K Gallons	X-701B Plume	30 lbs
6K Gallons	Misc. Site	0 lbs
3.36M Gallons	7-Unit Plume	67lbs
3.73M Gallons	5-Unit & X-749/X-120 Plumes & PK Drainage	5 lbs

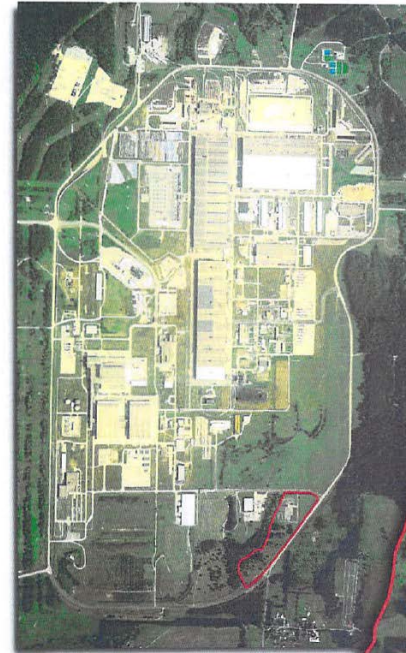
Regulatory Process



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

SODI Land Transfer

- Letter from SODI to DOE PPPO on August 27th, 2014
- Request for 15 acre parcel in southeast corner of PORTS reservation
- Includes XT-800 concrete pad (former site of construction offices) and surrounding land
- Initial land lease with option in future for full transfer of ownership
- Transfer process will follow requirements in **10 CFR Part 770, Transfer of Real Property at Defense Nuclear Facilities for Economic Development** and **CERCLA Section 120(h)**
- SODI has indicated desire to locate on-site laboratory services on this parcel



Exhibit

*DOE first needs
to declare
parcel excess*

Science Bowl III



Plant Tours Returning



To keep up with public demand, two additional tours have been added this year.

More than 800 people have taken part in the public tours since they were first offered in April 2012



Tour dates scheduled for April 18, May 16, June 20, July 11, Aug. 15, Sept. 19 and Oct. 17.

Community Outreach



Pump up the Pantry

Fluor-B&W Internship and Scholarship Opportunities



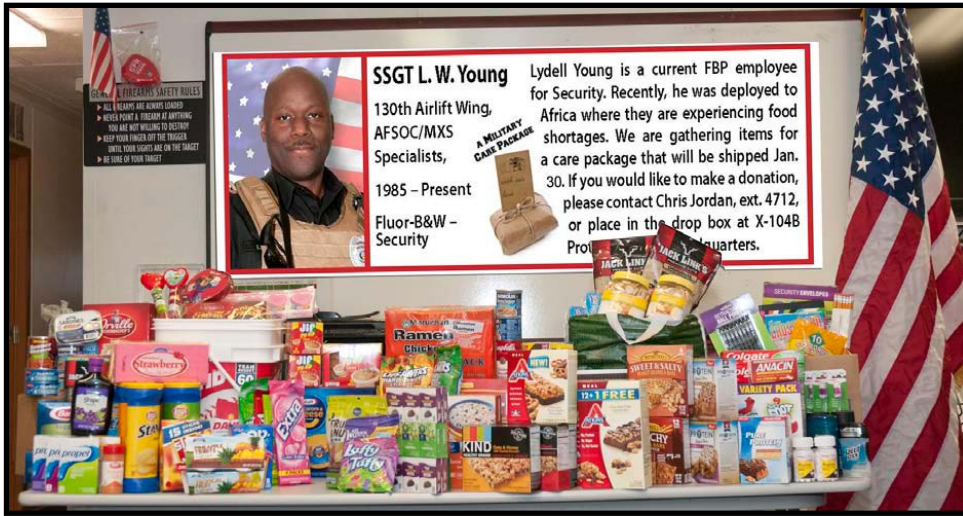
Over the past 3 years, 8 interns have been hired as full time Fluor-B&W Portsmouth employees.



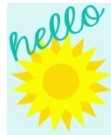
Over the past 3 years, \$72,000 has been awarded to local HS seniors

Employee Giving

About \$23,000
 raised for the
 Pike Co. Food
 Pantry



Upcoming Site Events



Public Tours
Saturday, April 18, 2015



Public Tours
Saturday, May 16, 2015



SSAB Full Board Meeting
Thursday May 7 , 2015

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