





## PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

Minutes of the September 2, 2010, SSAB Meeting • 6:00 p.m.

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

**Site Specific Advisory Board (SSAB) Members Present:** Shirley Bandy, Gene Brushart, Val Francis, Frank Halstead, William Henderson II, Brian Huber, Michael Lilly, Daniel Moore, Larry Parker, Michael Payton, Cristy Renner, Roger Scaggs, Terri Ann Smith, and Richard Snyder

**SSAB Members Absent:** Lindy Coleman, Martha Cosby, Ervin Craft, Sharon Manson, and Daniel Minter

**Board Liaisons and Related Regulatory Agency Employees:** Maria Galanti, Ohio Environmental Protection Agency (Ohio EPA); Mike Rubadue, Ohio Dept of Health

**U.S. Department of Energy (DOE) and Contractors:** Vince Adams, Joel Bradburne, Bill Murphie, Greg Simonton, DOE; Julie Galloway and Cindy Lewis, EHI; Rick Greene, Restoration Services, Inc. (RSI)

**Facilitator:** Eric Roberts, EHI

**Public:** Vina Colley, PRESS/NNWI; Geoffrey Sea, SONG; Charlie Whitt, Sheet Metal Workers 24; Marsha Lewis, Ohio University ; Stephanie Howe, Ohio University; Kirste Webb, SM&A; David Manuta, Mc2; G. Sam Piatt; Portsmouth Daily Times

**Call to Order:**

**Francis** called the meeting to order.

**Roberts** welcomed everyone and stated he would be facilitating the meeting. There will be a public comment period during the meeting. The Board should stay within its defined Scope and follow the Meeting Ground Rules adopted.

**Agenda:**

**Roberts** stated the following items need to be added to the agenda:

- Under heading Administrative Issues added Retreat Update
- Under Administrative Issues added Recommendation on Involvement of Community Leaders
- Under Administrative Issues added Adoption of FY 11 Work plan
  - Population of Subcommittees
- Election of Chairs
  - **Henderson** motioned to accept the Agenda as amended, **Motion seconded**.
    - **Motion carried, Agenda approved**

**March Minutes:**

**Roberts** called for any modifications or proposed changes to the March Minutes.

- **Payton** motioned to approve the May Minutes as presented, **Motion seconded**.
  - **Motion carried, Minutes approved**

**DDFO Comments:**

**Bradburne** gave a presentation on the following information:

- Agenda
- D&D Contract Award
- DUF6 Conversion Plant
- Energy Parks Initiative
- American Recovery And Reinvestment Act
- X-533 Switchyard Demolition
- X-701B Groundwater TCE Source Removal
- X-633 Cooling Tower Complex
- Uranium Management Center
- X-760 Chemical Engineering Building
- Next SSAB Board Meeting-Thursday, November 4, 2010

A copy of the above-stated presentation can be viewed on the SSAB website at:

<http://www.ports-ssab.org/10-September-Board-DDFO.pdf>

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Francis</b> asked when the contract would be up and when the new contractors would be in place.	<b>Bradburne</b> stated that the current contract ends Feb. 28, 2011, and that the period for the protest would be up September 14, 2010.
<b>Brushart</b> asked the time of the EPI meeting and where will the Duke Meeting be held?	<b>Simonton</b> stated that the time of the EPI meeting is 6:00-8:00 on Sept 23, 2010. <b>Bradburne</b> stated that the Duke Meeting would be held at the plant.
<b>Francis</b> asked if Ohio OEPA is involved in the X-701B TCE investigation?	<b>Galanti</b> stated that they are at the site every day. The TCE has been reduced 98%. This reduction is a success.
<b>Snyder</b> asked if the workers involved in the LPP contract would try to be retained.	<b>Bradburne</b> stated yes D&D contractor hoping they will be picked up during the transition. <b>Murphie</b> stated that they are trying to level it out to see which ones will be retained. There will be some turnover. Hopefully not a lot.

<i>Halstead</i> asked about selling the nickel that DOE could be retained from the buildings.	<i>Murphie</i> stated the bid in the RFP has been evaluated.
<i>Brushart</i> asked if USEC or DOE has a contract with Shawnee University educate the workers at the plant.	
<i>Brushart</i> asked about Hocking College advertised in the paper.	<i>Renner</i> stated that for the centrifuge, manufacturing classes have been in place for 2 years and Shawnee is part of that. Hocking College has energy, solar, wind power classes.
<i>Payton</i> asked where the Energy Parks Initiative meeting on the 23th being held?	<i>Simonton</i> stated the Endeavor Center Room 160.

**Federal Coordinator Comments:**

*Simonton* Thanked the Board for dedicating their weekend for the Retreat. It allowed us to go through and develop a work plan for the Department to accomplish as well as the Board. Thursday, September 23 is the EPI workshop.

<b>Question/Comment:</b>	<b>Answer:</b>
<i>Smith</i> asked who were the others that were interested in the EPI workshop.	<i>Simonton</i> stated Politicians, local residents, and etc..
Asked what was the purpose of the retreat? Why was the retreat held in Columbus, which makes it hard for the public to attend?	It was to go over the process of understanding the workplace with SSAB input. It is an administrative meeting, which is not a public meeting.

**Liaison Comments:**

**Ohio Environmental Protection Agency (Ohio EPA):**

*Galanti* stated there are more EE/CA's to come if anyone would like me to sit down and go through them. I would be more than happy to. Just contact me. Currently we are working on eight projects.

**Administrative Issues:**

**Executive Subcommittee:**

*Snyder* stated the executive subcommittee met in June to discuss preparation of the annual retreat, independent review, a possible museum subcommittee, amending operating procedures to chair and vice-chair, nomination of Board members to attend Santé Fe chairs meeting, the Top 3 issues, 1 accomplishment, 1 major board activity.

<b>Question/Comment:</b>	<b>Answer:</b>
<i>Smith</i> asked they do it video conferencing or via computer?	<i>Murphie</i> stated that advance technology was brought up within the Department. The Board can recommend something for the Department stating advance technology should be used. The Department is always open to suggestions.
<i>Halstead</i> asked Dick and Val if the personal interaction with the people at these meetings could be possible if the meeting was held on-line.	<i>Snyder</i> stated always looks forward to the interaction of the other chairs around the complex and no you could not interact on-line. <i>Parker</i> stated that the interaction learned from the other sites such as one-on-one conversation with a Nevada, Nye County Commissioner was great.

**Decontamination & Decommissioning (D&D) Subcommittee:**

*Parker* stated that when the D&D Subcommittee met in July, a presentation on engaging the public was geared to leaders in the public. A Recommendation entitled Involvement of Community Leaders came out of this meeting.

**Future Land Use Subcommittee:**

*Chartered as an EM Site Specific Advisory Board under the Federal Advisory Committee Act*

**Snyder** stated that Lesley Cusick from RSI presented a presentation entitled Future Land Use Planning and Conceptualization. She shared some achievements from Oak Ridge and address groundwater all the things we need to be educated on. We discussed changing the name from The Piketon/Portsmouth A-Plant. We need to get away from the A-plant to something dealing with more technology.

**Halstead** stated that the road entrance to the plant should have a sign that states something to show all the positive things that are happening at the site.

**Retreat Update:**

**Francis** stated the Board agreed to redefine the Subcommittees into four productive groups. The Board will continue to meet on the first Thursday every other month. The Subcommittees will meet on the second Tuesday every other month. These changes will help the Subcommittees become more productive throughout the D&D process and aligns the Board with the DOE activities.

**Recommendation on Baseline Funding Support:**

**Parker** moved to accept the recommendation on Baseline Funding Support.

**Roberts** asked for discussion from the Board on Recommendation. No comments from the Board. The floor will now be open for a public comment session, each community member will have one minute to address any concerns about Recommendation Baseline Funding Support.

**Public Comments on Baseline Funding Support Recommendation:**

**Sea** stated that historical the site should not be accelerated because it won't be in compliance with Historical Perseveration Act therefore the recommendation should not be approved.

- **Motion carried (needed 2/3 vote-13 yes, 1 no, Recommendation approved)**

**Recommendation: Involvement of Community Leaders**

**Payton** moved to accept the recommendation on Involvement of Community Leaders.

**Roberts** asked for discussion from the Board on the Recommendation.

<b>Parker</b> stated that we feel the 5 area counties leaders should be involved.	
<b>Lily</b> asks if there will be more literature going out?	<b>Francis</b> stated that we would develop a formal agenda with background for this recommendation.
<b>Murphie</b> stated that it would be very nice to have SODI & SSAB integrate.	
<b>Brushart</b> stated the people vote for the elected officials but these officials are afraid to come and participate due to a possible argumentative situation that could occur. We need to make the public more aware of what is happening and this recommendation will help.	

**Roberts** stated the floor will now be open for a public comment session, each community member will have one minute to address any concerns about Recommendation Involvement of Community Leaders.

**Public Comments on Involvement of Community Leaders Recommendation:**

**Colley** stated I recommend that you have a big meeting with all top DOE, DOD, and all the surrounding elected officials and have a big town meeting to let the citizens know what is going on.

- **Motion carried (needed 2/3 vote – 13 yes, 1 no, 0 abstained), Recommendation 10-04 approved**

**Motions:**

**First Reading of the amendment to the Operating Procedures: Section V. Board Structure A. Co-Chairs.**

**Snyder** stated the two chairs should be changed to Chair and Vice Chair like the surrounding Boards.

**Payton** asked if the Vice Chair would move up to the Chair eventually.

**Roberts** stated that would be flexible.

**Adoption of FY 11 Work Plan:**

**Francis** explained that the work plan is guidance so that we can stay on track throughout the year. The Board decided to have four subcommittees with the topics that are aligned with DOE.

**Henderson** made the motion to accept the Work Plan with the suggested changes.

- Change Community Outreach to Community Involvement

- Change Paducah to Portsmouth

**Roberts** ask for a discussion from the Board on the Work Plan. We will have four subcommittees receive information from DOE to make recommendations.

- **Motion was carried 12 yes, 1 no, 0 abstained, Work Plan Approved**

**Population of Subcommittees:**

**Community Involvement:**

1. Shirley Bandy
2. Will Henderson
3. Frank Halstead
4. Michael Lilly
5. Terri Ann Smith
6. Gene Brushart
7. Michael Payton

**Historical Preservation Legacy:**

1. Sharon Manson
2. Roger Scaggs
3. Cristy Renner
4. Brian Huber
5. Gene Brushart

**Future D&D and Recycling:**

1. Daniel Moore
2. Larry Parker
3. Val Francis
4. Cristy Renner
5. Brian Huber
6. Roger Scaggs

**Waste Disposition:**

1. Frank Halstead
2. Will Henderson
3. Larry Parker
4. Val Francis
5. Michael Payton

**Election of Chairs:**

**Francis** nominated Larry Parker and Dick Snyder to be the 2011 Co-Chairs.

**Motion was carried 11 yes, 0 no, 3 abstained, Larry Parker and Dick Snyder become Co-Chairs.**

**Public Comment:**

**Sea** stated that having a Historical Preservation Subcommittee bothers me because DOE has a group that already exist. I would encourage each group to work together and maybe have a liaison person that would sit on the Subcommittee. The new name for the A-plant is a good idea; I would suggest having the name Sergeants Station.

**Colley** stated you could not take away the name of the A-Plant because of the cold war people are dying and you should only add something to the name.

**Final Comments from the Board:**

**Payton** congratulated Larry and Dick on becoming the Co-Chairs. In addition, I would like to welcome our new Board members.

**Murphie** stated that the Department would need some assistance from the Board on the recommendation on involvement of community leaders. It is uncertain what you want from the Department.

**Halstead** suggested that the Portsmouth Gaseous Diffusion Plant should be renamed Southern Ohio Advance Energy Technology Center. There should be a sign at the entrance like the Mound Facility.

**Brushart** motioned to adjourn the meeting, **Motion seconded.**

**Motion carried, Meeting adjourned**

**Next Meeting Thursday, November 4, 2010, at 6:00 p.m.**



U.S. DEPARTMENT OF  
**ENERGY**

# Deputy Designated Federal Official (DDFO) Presentation

Joel Bradburne, PORTS Site Lead  
Portsmouth Site Specific Advisory Board  
September 2, 2010



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# AGENDA



- Decontamination and Decommissioning (D&D) Contract Award
- DUF<sub>6</sub> Conversion Plant Ceremony
- Energy Parks Initiative
- ARRA Update



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# D&D CONTRACT AWARD



- DOE awarded Fluor-B&W Portsmouth, LLC the prime contract for D&D of the Portsmouth Gaseous Diffusion Plant on August 16, 2010.
- Fluor-B&W is a joint venture led by Fluor Federal Services, Inc., and Babcock & Wilcox Technical Services Group, Inc.
- The contract is valued at \$2.1 billion. It includes an initial five-year contract and a potential five-year extension.
- More than 30 percent of work is expected to be subcontracted to small businesses.



# D&D CONTRACT AWARD



- The D&D contract specifies a 90-day transition period.
- The transition period will integrate all contracts to ensure continuity of operations.
- LPP's current contract period of performance to continue work activities ends Feb. 28, 2011.
- USEC's current contract period of performance for Cold Shutdown (CSD) work activities ends March 31, 2011.
- The Notice to Proceed is expected to be given to Fluor-B&W by DOE on Sept. 14, 2010 (barring protests).



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# DUF<sub>6</sub> CONVERSION PLANT



- Operations ceremony scheduled for September 9, 2010.
- Attendees include DOE Deputy Secretary Daniel Poneman, Assistant Secretary for Environmental Management Inés Triay, and Ohio Governor Ted Strickland.



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# ENERGY PARKS INITIATIVE



- The Energy Parks Initiative (EPI) aims to transform facilities formerly used for national defense missions into parks that produce clean energy and enhance regional economies through reindustrialization.
- Mark Gilbertson, Deputy Assistant Secretary for Engineering and Technology, is scheduled to present information on the DOE Office of Environmental Management's (EM) Energy Parks Initiative on Thursday, September 23, 2010.



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# *AMERICAN RECOVERY AND REINVESTMENT ACT*



## **ARRA Project Cleanup Progress**



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-533 SWITCHYARD DEMOLITION



*Workers lift the first 90-ton synchronous condenser from the X-533 Switch House on August 30, 2010.*

- 129 of 160 towers completed.
- 450 of 850 tower foundations removed.



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-701B GROUNDWATER TCE SOURCE REMOVAL



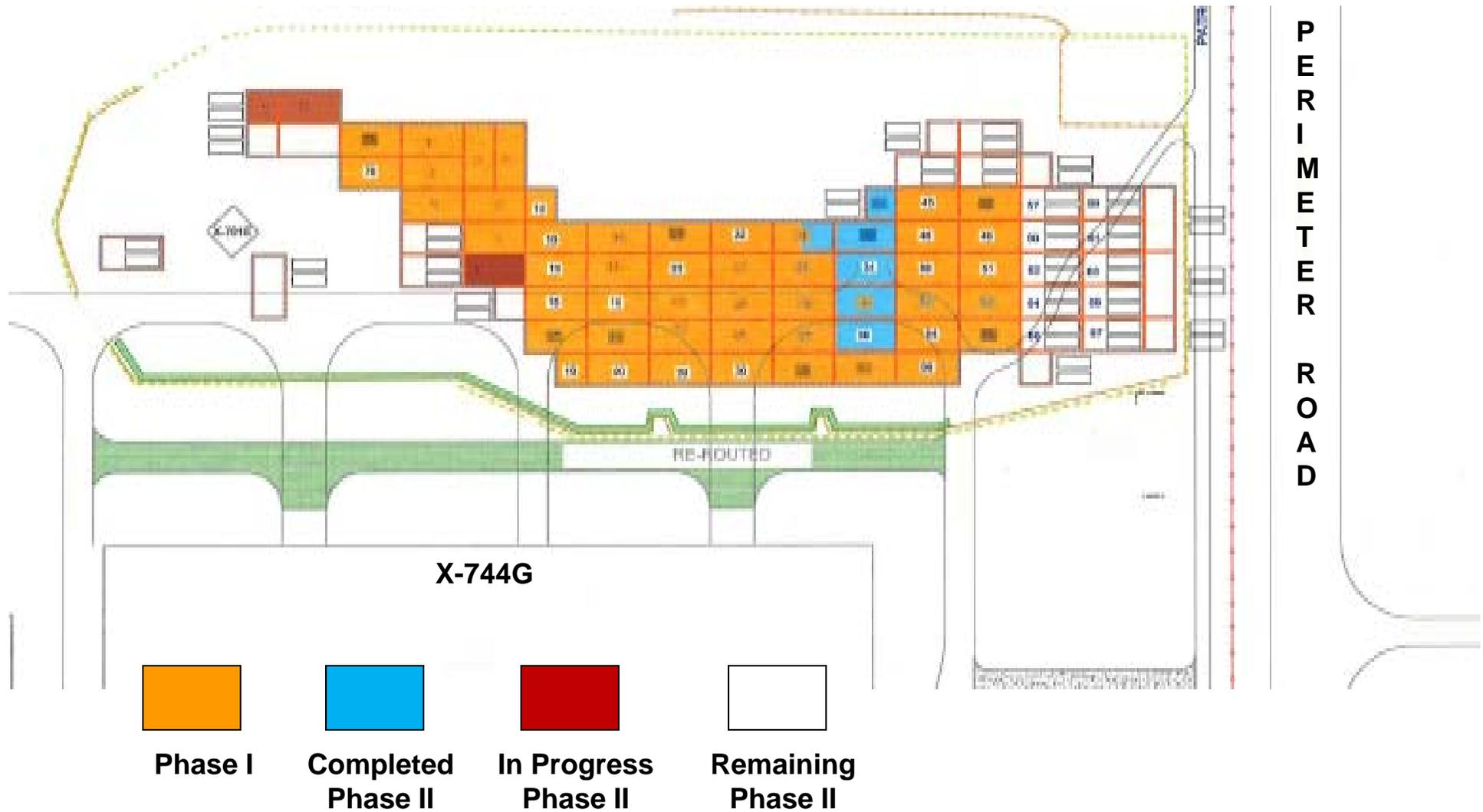
- Accomplished Phase I treatment benchmark of 42,000 ft<sup>2</sup>, which constitutes 46 cells.
- Phase II is under way and is comprised of 28,000 ft<sup>2</sup>, of which more than 4,600 ft<sup>2</sup> has been treated.



- Project mixes sodium persulfate oxidant directly into source area of TCE-contaminated soils. The oxidant chemically breaks down contamination and results have shown more than a 90% reduction in TCE levels.



# X-701B GROUNDWATER TCE SOURCE REMOVAL



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-633 COOLING TOWER COMPLEX



- Above-ground structure demolition completed in June, 2010
- 58 cooling cells demolished
- 19,979 m<sup>3</sup> of debris dispositioned
- 94,675 ft<sup>2</sup> of facility demolition
- Waste Disposal essentially completed  
(Final shipment being prepared for disposal)

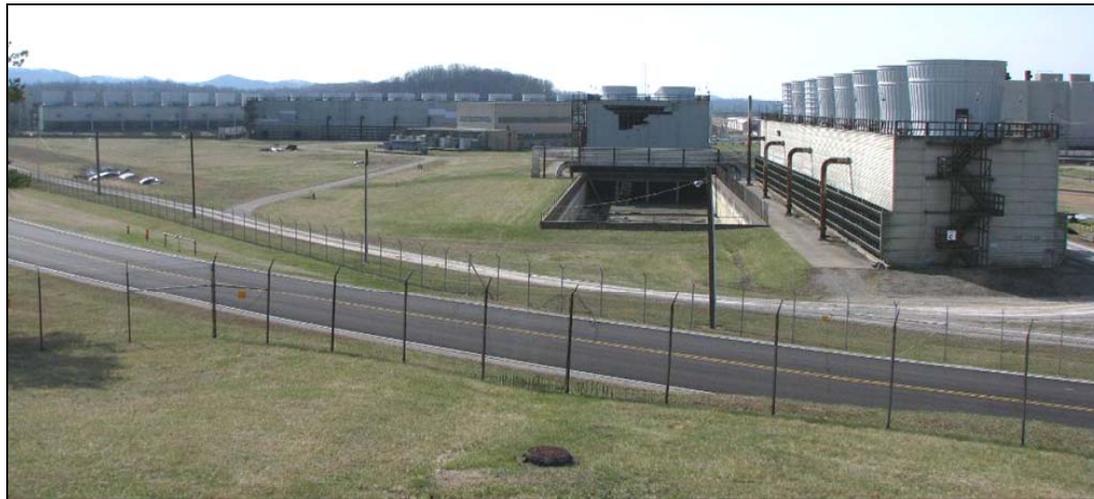


**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-633 COOLING TOWER COMPLEX



**BEFORE**



**AFTER**



**EM** Environmental Management

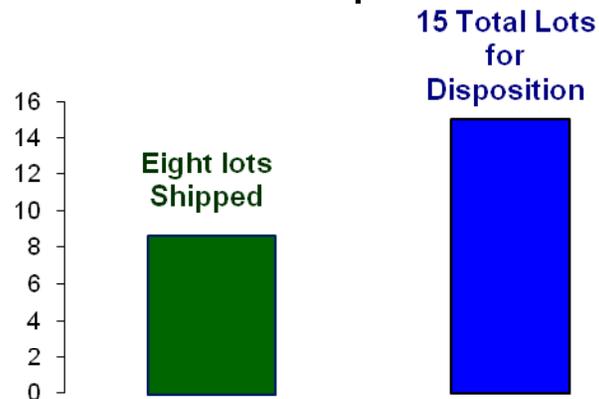
safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

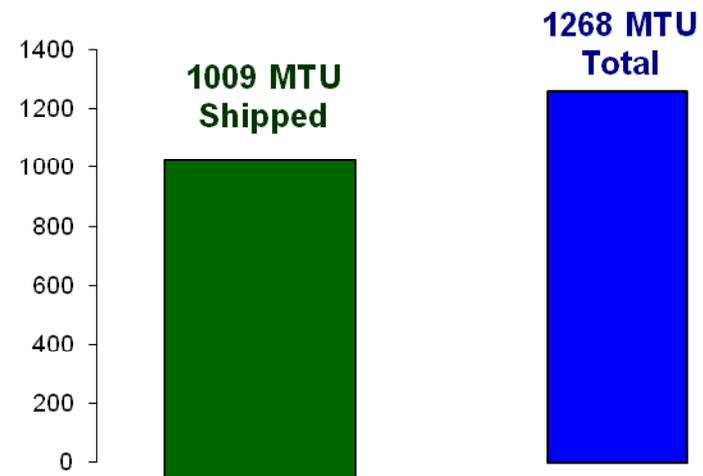
# URANIUM MANAGEMENT CENTER



Uranium Management Center  
Lots for Disposition



Uranium Materials Center  
Metric Tons of Uranium for Disposition



- Repackaging/disposition of surplus uranium material
  - ❖ ~1268 metric tons total
- Eight of 15 lots dispositioned
  - ❖ ~ 1009 metric tons shipped to Nevada National Security Site



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-760 CHEMICAL ENGINEERING BUILDING



- X-760 Building demolished in June, 2010.
- All building debris waste shipments complete
- Slab demolished and packaged
- Removal of column footers and neutralization pit in progress
- Soil characterization under way



*Demolition of the X-760 Chemical Engineering Building, on June 14, 2010.*



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# X-760 CHEMICAL ENGINEERING BUILDING



**BEFORE**



**AFTER**



**EM** Environmental Management

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)

# CLOSING



- Next SSAB Board Meeting – Thursday November 4, 2010.
- Final Remarks



**EM** *Environmental Management*

safety ❖ performance ❖ cleanup ❖ closure

[www.em.doe.gov](http://www.em.doe.gov)