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**WASTE DISPOSITION AND RECYCLING SUBCOMMITTEE**

**TUESDAY, FEBRUARY 12, 2013 @ 4:00 P.M.**

**THE PURPOSE OF THIS MEETING IS TO PROVIDE AN UPDATE TO THE SSAB  
SUBCOMMITTEE ON ACTIVITIES RELATED TO UPCOMING WASTE DISPOSITION  
OPERATIONS**

**AGENDA**

- REVIEW OF THE JANUARY MEETING
- UPCOMING WASTE DISPOSITION OPERATIONS – DEAN LOBDELL, FBP
- DISCUSSION

ADJOURN



## WASTE DISPOSITION & RECYCLING SUBCOMMITTEE

MEETING SUMMARY

FEBRUARY 12, 2013 • 4:00 P.M.

THE OHIO STATE UNIVERSITY ENDEAVOR CENTER  
1862 SHYVILLE ROAD, PIKETON, OH 45661

**SSAB Subcommittee Members Present:** Richard Snyder, subcommittee chair; Connie Yeager, subcommittee vice chair; Al Don Cisco, Frank Halstead, Dan Minter

**SSAB Subcommittee Members Absent:** Shirley Bandy, Brian Huber

**Other SSAB Members Present:** Will Henderson, board chair; Val Francis, board vice chair; Gene Brushart, Carl Hartley, Sharon Manson

**U.S. Department of Energy (DOE) and contractors:** Greg Simonton, Johnny Reising, DOE; Rick Greene, Restoration Services, Inc. (RSI); Karen Price, Jeff Wagner, Dean Lobdell, Fluor-B&W Portsmouth (FBP); Wayne Conley, Wastren EnergX Mission Support (WEMS)

**Liaisons:** Maria Galanti, Melody Stewart, Ohio Environmental Protection Agency (EPA); Mike Rudadue, Ohio Department of Health (ODH)

**Support Staff:** Eric Roberts, Julie Galloway, Cindy Lewis, EHI Consultants (EHI)

**Public:** None

*Snyder* opened the meeting.

<b>Question/Comment:</b>	<b>Answer:</b>
<p><b>Snyder:</b> I would like to add something to the agenda. Recommendation 12.03 discussion.</p> <p>How can we get the Oak Ridge Waste Acceptance Criteria (WAC)?</p>	<p><b>Roberts:</b> Do you want to write another recommendation or amend Recommendation 12.03.</p> <p><b>Price:</b> We can do a presentation in a month on the waste disposition Remedial Investigation/Feasibility Study (RI/FS).</p>
<p><b>Halstead:</b> One action we can take is to do nothing until we get an answer from DOE.</p>	<p><b>Galanti:</b> Do you want to wait on the numeral WAC? It is based on area D.</p>
<p><b>Henderson:</b> What numbers did Oak Ridge use, maybe we can reference what they used?</p>	<p><b>Minter:</b> I would like to see it before a decision is made.</p>

<b>Roberts:</b> Do you want to wait until you get an answer from DOE. Then reference the Oak Ridge WAC	<b>Simonton:</b> DOE is having a hard time answering because the allowed transuranics are not specified. Transuranics are naturally in everything, so nothing can be transuranic free.
<b>Minter:</b> The subcommittee could write a new recommendation that states it is to clarify Recommendation 12.03. Get the data from Oak Ridge and see what J.D. Chiou says is a reasonable amount of transuranics.	
<b>Simonton:</b> The RI/FS will give you some of the information you are looking for.	

**1. Review of the January meeting:**

**2. Upcoming Waste Disposition Operation-Dean Lobdell, FBP**

- Waste Packaging and Transport
- Near Term Challenge of X-326
- Other Waste Management Challenges
- Questions?

<b>Question/Comment:</b>	<b>Answer:</b>
<b>Lobdell:</b> We are scheduled to start shipping in March 2013.	
<b>Francis:</b> Where did the converters go from the K25?	<b>Lobdell:</b> The converters went in the on-site disposal cell.  <b>Minter:</b> Those converters went in the disposal cell whole, not cut up or anything?
<b>Minter:</b> What is the level of transuranics acceptable for the Nevada test site?	<b>Lobdell:</b> You do not want to use that for your on-site cell. It is very high.

**Snyder:** Meeting adjourned

**Next meeting:** Tuesday, March 12, 2013

**3. Action Items:** None

# Waste Management Overview

Dean Lobdell  
Waste Management Division Director

February 12, 2013

# Waste Packaging and Transport

- Packaging is selected to meet regulatory specifications
- Transport by Rail or Truck
- All shipments evaluated to Hazardous Material Regulations
- Robust internal and external oversight programs



# Near Term Challenge of X-326

- First of Three Process Buildings to be decommissioned:
  - 7020 Process Gas Components
  - 30 Miles of Process Gas Piping
  - Auxiliary Systems and Systems Support Equipment



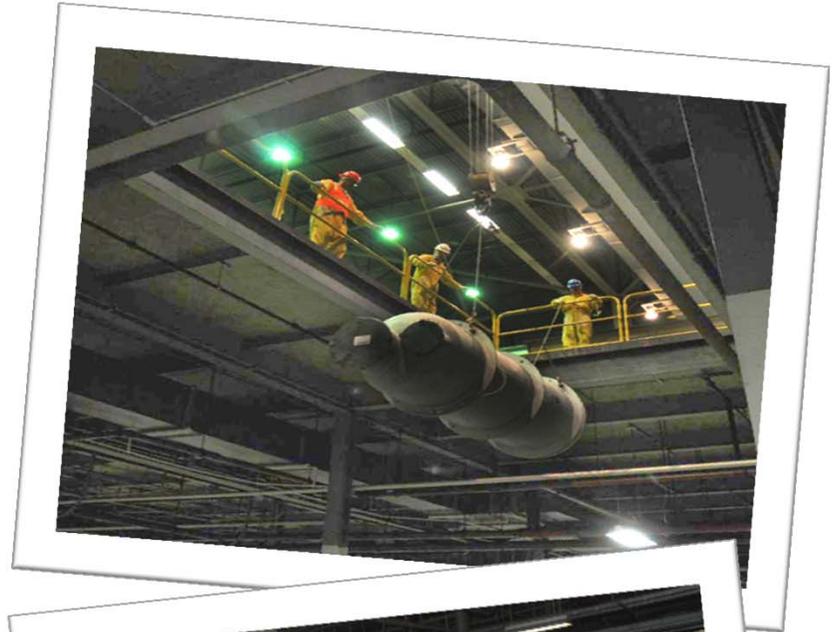
# Near Term Challenge of X-326

- Characterization
  - Identifying the hazards: Enriched Uranium, Technetium, other radionuclides, hazardous chemicals, PCBs, Asbestos
  - Measuring the hazards
    - Non-Destructive Assay
    - Intrusive Sampling



## Near Term Challenge of X-326

- Packaging and Transport
  - Due to the size of the components, DOT compliant soft-sided packages have been designed and fabricated.
  - Packages provide reduced cost over steel containers and aid in handling the components.



# Near Term Challenge of X-326



- X-326 Process Gas Converters and Compressors are scheduled for disposal at the DOE Nevada National Security Site,\* NV.
- It is anticipated that shipments will commence in March 2013 gearing up to approximately 20 shipments per week. We plan to ship over 1500 components by October 2013.

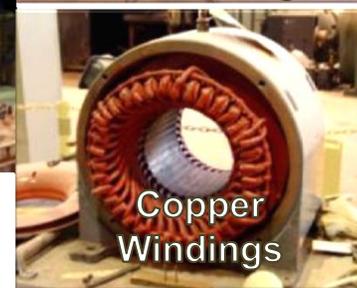


**\*Formerly Nevada Test Site**

# Other Waste Management Challenges

## X-326 Hazardous Mixed Waste Inventory Reduction

- Material from hazardous waste storage facility in X-326 being shipped to meet Site Treatment Plan targets agreed with OEPA.
- Continue to Support Recycling Targets.



# Questions?

