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BUDGET AND LIFECYCLE PLANNING SUBCOMMITTEE

TUESDAY, OCTOBER 13, 2015 @ 4:00 P.M.

THE PURPOSE OF THIS MEETING IS TO GIVE A CONTINUING RESOLUTION UPDATE AND A BARTER OVERVIEW TO THE SSAB SUBCOMMITTEE

AGENDA

- CONTINUING RESOLUTION UPDATE-JUD LILLY, DOE AND DENNIS CARR, FBP
- BARTER OVERVIEW-TIM POE, FBP
- MISCELLANEOUS

ADJOURN



BUDGET AND LIFECYCLE PLANNING SUBCOMMITTEE

MEETING SUMMARY

OCTOBER 13, 2015 • 4:00 P.M.

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

SSAB Subcommittee Members Present: Stan Craft, subcommittee chair; Judy Vollrath, subcommittee vice chair; Ronda Kinnamon, Cristy Renner

SSAB Subcommittee Members Absent: Martha Cosby, Neil Leist, Charlene Payne

Other SSAB Members Present: Al Don Cisco

U.S. Department of Energy (DOE) and contractors: Jud Lilly, DOE; Rick Greene, Joe Moore, Restoration Services, Inc. (RSI); Jeff Wagner, Jack Williams, J.D. Chiou, Marc Jewett, Tim Poe, Dennis Carr, Fluor-B&W Portsmouth (FBP)

Liaisons: Dustin Tschudy, Jim Sferra, Ohio Environmental Protection Agency (EPA), Mike Rubadue, Ohio Department of Health (ODH)

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

Public: None

Craft opened the meeting

1. Continuing Resolution Update –Jud Lilly, DOE; Dennis Carr, FBP:

Discussion on the Continuing Resolution Update.

Lilly: The planned layoff has been postponed.	Carr: We will be issuing letters to the impacted employees. 60 days will be Christmas Eve. Still need \$80 million.
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2. Barter Overview-Tim Poe, FBP:

- Movement of Barter Cylinders
- Portsmouth 60% Dependent upon U Barters
- Receiving a Cylinder from Paducah, KY
- Loading a Cylinder to Ship to Eunice, NM

<p>Poe: DUF6 must be a solid, not liquid, in order to be moved.</p>	
<p>Henderson: What keeps the liquid from eating through the cylinders?</p> <p>The barter material was going to last until 2016, now it is 2020.</p>	<p>Carr: If there is moisture in the cylinders then it would eat through.</p> <p>Fixed quality type one material, two was not on our table until recently. Type one was going to depend on the secretarial determination and that has varied. The 455 MTUs 16 to 18. DOE stopped mining in the 60s, keeps us on the barter.</p> <p>Once we are done with the barter program, we will have to keep on running until there is no more.</p>
<p>Kinnamon: What do you do with the cylinders?</p>	<p>Poe: We store them for now. The empty cylinders will have to be cut up or something. If they leave our site on a Monday, then would get to New Mexico on Thursday.</p>

3. Miscellaneous: No discussion at the time.

Craft: adjourned the meeting

4. Action Items: None

Barter Program Overview



Tim Poe – Director Nuclear Operations

Movement of Barter Cylinders





- The X-344 was originally slated for demolition when FBP assumed the contract in March 2011
- Barter program started in April 2012
- Barter material and the transfer process had to be “qualified” with LES/Urenco located in Eunice, NM
- FBP’s lab had to be qualified with LES/Urenco



October 13, 2015



LES/Urenco located in Eunice, NM



- Outstanding Nuclear Operations performance during the entire project
- U Barterers generate \$1B during prime contract + \$1B Potential during 5 Year Extension Period
- Preparing to ship 523 cylinders from PAD to PORTS to support the next phase of the Barter Program
- Initiating a sampling campaign to qualify 347 “normal” cylinders that were part of the USEC Tc program

X-344 DAILY STATUS REPORT

518 Days Without an OSHA Recordable Incident

Tuesday, October 06, 2015

AUTOClave STATUS		Rolling Availability	
		1-Month	6-Month
Autoclave #1	Inoperable, PM Required	0.0%	32.4%
Autoclave #2	Operable, Heating	90.9%	48.5%
Autoclave #3	Operable, Heating	21.3%	43.0%
Autoclave #4	Operable, Standby	67.0%	42.0%

CURRENT WEEK'S PROGRESS

Cylinders Transferred:	1 Cylinders and 7,421 MTU
Cylinders Shipped:	0 Cylinders and 49,556 MTU
4-Week Rolling Average Number of Cylinders Transferred Per Week:	3 Cylinders
13-Week Rolling Average Number of Cylinders Transferred Per Week:	4.62 Cylinders
52-Week Rolling Average Number of Cylinders Transferred Per Week:	5.02 Cylinders
Current DOE UHA Balance (corrected for heel returns):	386,909 MTU

CYLINDER STATUS

Feed Cylinders on Hand:	1086	Total Compliant 48Y Cylinders on Hand:	1069
Still Full: 53	Delivered: 1086	Still Empty: 231	Delivered: 1069
Liquid U Cooling Area (LUCA) Status:	25348 lbs. 112,000 Limit	In Process Cooling Area (PCA) Status:	30369 lbs. 112,000 Limit
Empty 23 Cylinders on Hand: 15	Returned 48Y Cylinders from URENCO: 380	Empty P10 Cylinders on Hand: 101	URENCO Returns ready for use: 30

BARTER STATUS

PROJECT MILESTONE BARTER 19 = 400 MTU (-52 Cylinders)	
Transferred: 52 Cylinders for 400.69 MTU	Shipped: 40 Cylinders with 311.638 MTU
Certified: 49 CQGs Completed for Barter 19	12 Cylinders with 89.052 MTU Remain On Site
PROJECT MILESTONE BARTER 20 = 400 MTU (-52 Cylinders)	
Transferred: 38 Cylinders for 287.515 MTU	Shipped: 0 Cylinders with 0 MTU
Certified: 14 CQGs Completed for Barter 20	38 Cylinders with 287.515 MTU Remain On Site

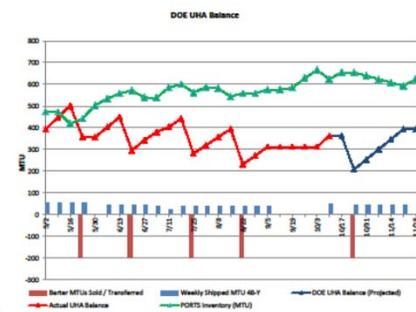
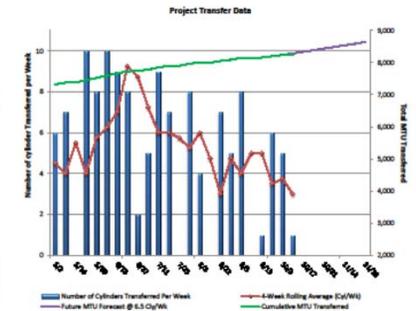
EQUIPMENT STATUS

2 of 3 Geringers Available	3 of 5 Forklifts Available
1 of 2 North High Bay Cranes Available	1 of 2 South High Bay Cranes Available
X-344 Scale A07, Operable	X-342 Scale A05, Operable

PROJECT TO DATE

Total Cylinders Transferred: 1072 Cylinders for 8245,709 MTU	URENCO Returns
Total Cylinders Shipped: 983 Cylinders for 7621.91 MTU	MTU Credit: 24,707
Full 48Y Cylinders on PORTS Site: 89 Cylinders for 623,799 MTU	Avg MTU: 0.065
Current Pipeline: 138.38 MTU	Pipeline Goal: 9,000 MTU
FY 16 Cylinders Transferred 6 and Shipped 6	
Pipeline Goal: 9,000 MTU	

*Pipeline = UHA Balance + PORTS 48Y MTU Inventory Current pipeline doesn't include 247,142 MTU Type 2 cyl.

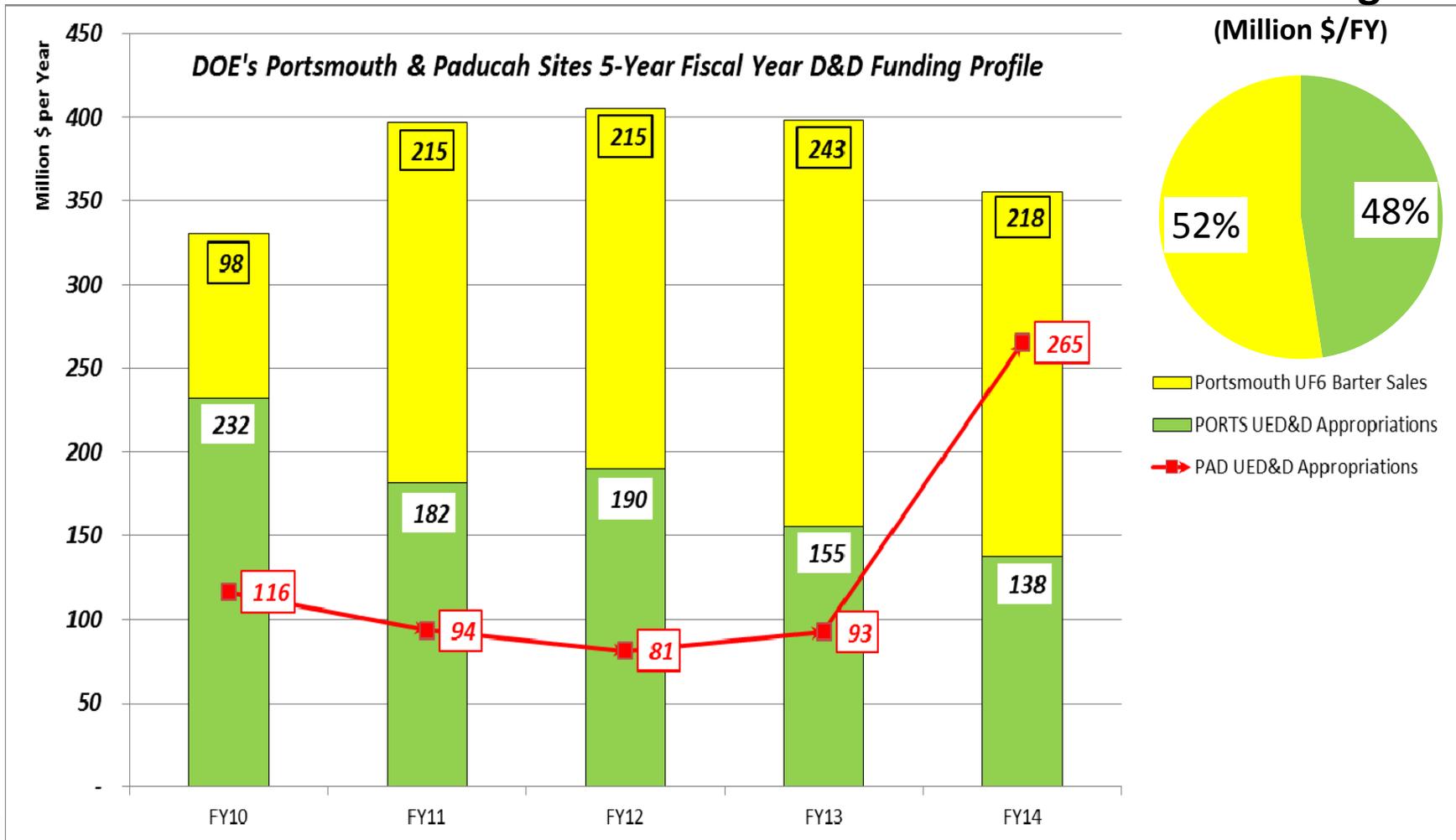


- >\$950M UF6 FBP Barter Sales
- >1050 Cylinders Transferred
- >950 Cylinders Shipped to LES

Portsmouth >60% Dependent upon U Barterers

Funding

(Million \$/FY)





- **Safety performance; >500 days** without an OSHA recordable incident and never a lost-time case!
- **Delivery performance; met every deadline** through multi-level backups
- **Qualified \$250M of “normal” (Type II) UF6** at URENCO/LES w/o penalty
- **Shipped 95 Paducah 48G Cylinders** to PORTS; will expand rate using P-48 overpacks
- **The X-344 FBP U Barter Team/Facility** continues posting a Multi-Year Record of Performance



- X-342 Cold Boxes (3)
- Will be used to consolidate the heel cylinders generated from the X-344 transfers
- A total of over 1900 heels expected to generate over 70 full cylinders
- ~\$60M in additional funding

Receiving a Cylinder from Paducah, KY



Loading a Cylinder to Ship to Eunice, NM

