



March 20, 2014

Chair
Ben Peterson

Vice-Chair
Ralph Young

Board Members

Glenda Adkisson
Renie Barger
Judy Clayton

Robert Coleman
Eddie Edmonds

David M. Franklin
Tom Grassham

Jonathan Hines
Mike Kemp

Kevin L. Murphy
Dianne O'Brien

Richard Rushing
Jim Tidwell

Ken Wheeler
Carol Young

Rachel Blumenfeld
DOE DDFO

Buz Smith
DOE Federal Coordinator

Board Liaisons

Todd Mullins
*Division of Waste
Management*

Jennifer Tufts
*Environmental Protection
Agency*

Mike Hardin
Fish and Wildlife Resources

Stephanie Brock
Radiation Health Branch

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Agenda for the March Board Meeting

6:00

Call to order, introductions
Review of agenda

DDFO Comments

-- 15 minutes

Federal Coordinator Comments

-- 5 minutes

Liaison Comments

-- 10 minutes

Presentations

Administrative Issues

-- 40 minutes

- DRAFT Rec 14-XX : Maximizing Safety by Promptly Issuing a Notice to Proceed
- EM SSAB Chairs Meeting Top Issue

Subcommittee Chair Comments

-- 10 minutes

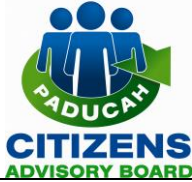
Public Comments

-- 15 minutes

Final Comments

-- 5 minutes

Adjourn



PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Paducah Gaseous Diffusion Plant Citizens Advisory Board Meeting Minutes March 20, 2014

The Citizens Advisory Board (CAB) met at the Environmental Information Center (EIC) in Paducah, Kentucky on Thursday, March 20th at 6:00 p.m.

Board members present: Judy Clayton, Glenda Adkisson, Ben Peterson, Dianne O'Brien, Ralph Young, Richard Rushing, Robert Coleman, Jonathan Hines, Jim Tidwell, Renie Barger, Ken Wheeler, Tom Grassham, and Carol Young.

Board Members absent: Eddie Edmonds, Mike Kemp, David Franklin and Kevin Murphy.

Board Liaisons and related regulatory agency employees: Todd Mullins (call in), KDWM

DOE Deputy Designated Federal Official: Jennifer Woodard, DOE

U.S. Department of Energy (DOE) related employees: Buz Smith, Bill Murphie, Rachel Blumenfeld, Robert Edwards, Lisa Santaro, DOE; Joe Walker, Craig Jones, Mark Duff, LATA Environmental Services of Kentucky (LATA); Gaye Brewer, KDWM; Diane Snow, Swift & Staley (SST); Eric Roberts, Jim Ethridge, EHI Consultants (EHI).

Public: Tony Graham, Tim Thomas

Introductions:

Peterson opened the meeting at 6:00 pm, and asked for introductions and then reviewed the Agenda, which was approved by the Board. He then introduced **Woodard** for a presentation on project status at the site.

Wheeler: I believe it was mentioned in the Executive Committee meeting that you expect to see the FY14 funds fully released this month?	Woodard: No, we did not know when they were going to be released. We are still getting monthly allocations for that.
Wheeler: Does something has to happen for that to occur?	Woodard: All of the information is with the OMB, and it is just when they are through with their evaluation.
Wheeler: Is this an unusual situation?	Murphie: Very routine.
Young: How deep are you going? (on the Soils project)	Woodard: The Soils project will go down to ten feet except where there are utilities and it will go to sixteen feet at that point.
Wheeler: And this work would result in a contract with LATA, or one of the subcontractors on site?	Woodard: We already have LATA under contract to do this work.
Peterson: Are you planning to excavate SWMU	Woodard: Right now there is a baseline

4?	assumption of excavation. We are not to the decision documents to determine if that is the right answer.
Peterson: Can you explain in general terms the need for flowable fill?	Woodard: Flowable fill had to be put in the basements to support the heavy equipment to take down the building.
Young: Are you going to put that green stuff on the building again and go that whole exercise?	Woodard: The building already has the fixative on part of the building.
Young: Could the asbestos go in the U landfill that is active out there now?	Blumenfeld: We don't know the characterization of it to know if it could be put in there. Duff: Yes, Rachel is right. We will need to characterize it as it comes out, and we are anticipating that a lot of the debris inside the building will likely go into rail cars to be shipped out west.
Wheeler: Mark, can I ask what the current manning for LATA is right now?	Duff: We are about in the 310 range right now. Murphie: We expect to hire about another 100 or so for other subcontractors besides the D&D deactivation contract.
Wheeler: Do I recall a conversation, I don't know who it was with, about the possibility of shortening the transition startup from 90 days to 60 days?	Murphie: Ken I'm not sure, but we have talked about the inverse. We believe that 90 days would be a real challenge.
Young: What is the next milestone coming out of the IDIQ process?	Murphie: There is no specific milestone. We will let you know when anything is going to happen, whatever it is.
Peterson: A budget justification released by DOE yesterday afternoon says that the IDIQ contract award will be between August and October of this year.	

Federal Coordinator Comments: None

Liaison Comments: None

Administrative Issues:

Peterson introduced *DRAFT Recommendation 14-XX: Maximizing Safety by Promptly Issuing a Notice to Proceed* for consideration and vote by the Board.

DRAFT Recommendation 14-XX: Maximizing Safety by Promptly Issuing a Notice to Proceed

February 11, 2014

Background

The United States Enrichment Corporation ceased producing enriched uranium at the Paducah Gaseous Diffusion Plant (PGDP) on May 31, 2013. The uranium enrichment facility is in the process of shutting down. Highly trained and experienced workers, knowledgeable in how to work safely in a massive industrial setting, are in the process of being terminated. In order to retain this valuable asset, the new contractor, sought through the IDIQ process, must be issued a Notice to Proceed as soon as possible.

The community was pleased to learn that the additional funding that the DOE Paducah office and the community requested, and the funding that our state and congressional leaders secured, was approved with the passing of the FY 2014 omnibus appropriations bill. The Paducah Citizens Advisory Board (CAB) greatly appreciates the opportunity to provide input into Department of Energy (DOE) expenditures plan at our gaseous diffusion plant (GDP) site. As we enter into the shutdown and transition phase, the community feels it is critical that the shutdown is accomplished in a manner that is done as safely and quickly as possible. Recommendation 13-04: Prompt Initiation of PGDP Operating Facility Decontamination and Decommissioning after Transition of Leased Building to DOE and Recommendation 13-08: Importance of Safety and Cost Benefits by Initiating Immediate D&D Using Current Workforce outline the CAB's safety concerns. DOE's responses to the aforementioned recommendations strongly support this focus on safety.

Timing is critical due to several factors:

- Congressional delegation has secured appropriate funding for FY2014
- Community has a future use vision for adaptive reuse of the site
- PPPO has stated it has a plan moving forward with transition and D&D of the site
- Existing skilled and trained workforce with a stellar safety record ready to commence transition and D&D activities

The CAB feels that successfully completing the IDIQ contract bid process and issuing a Notice to Proceed to the newly selected contractor is critical to maximizing safety at the Paducah Gaseous Diffusion Site. The CAB, as well as the community, insists that a Notice to Proceed be issued as soon as possible in order to take advantage of our existing skilled workforce, which has a nationally recognized safety record.

Part of CAB's concern relates to the response by DOE to our recommendation 13-05, specifically the statement, "the decision regarding when to start D&D is dependent upon many factors, including the amount of appropriated funding and DOE's competing priorities across the country". The CAB feels that this statement is contrary to prior information and responses regarding funding allocated to the PGDP site. All information presented to the CAB only references an August 2015 D&D commencement date, which the CAB has previously stated, is unacceptable.

If the IDIQ Notice to Proceed is not put into place within the second quarter of 2014 (third quarter of FY2014), DOE is in danger of losing the benefits mentioned above with regards to the critical timing. Any delay in this schedule beyond June 30, 2014, leaves our workforce with no alternative but to look beyond our community for employment. This puts the safety of future workers at risk as referenced in Recommendation 13-08: Importance of Safety and Cost Benefits by Initiating Immediate D&D Using Current Workforce.

Recommendation

The PGDP CAB recommends that DOE maximize safety of the transition process and future D&D by issuing a Notice to Proceed for a new contractor under the IDIQ process by June 30, 2014, the second quarter of 2014 (third quarter of FY2014).

<p>Tidwell: There was an article in the paper today about the IDIQ contract that Charlie Martin and PACRO was a little edgy about the progress on this contract. Is there sufficient communication among the parties to help Charlie or are his comments valid?</p>	<p>Peterson: I did not get to read the article yet, but I think the main issue is that that information can't come soon enough for the community. You spend the money sooner rather than later, to hire the people to do the work.</p> <p>Wheeler: And that is exactly what this recommendation is designed to do.</p> <p>Young: The balancing act we are working on is if we rush this process with all these bidders going in it might create an inequality situation where one bidder could say "Oh, I got cheated" and then you go into this dispute process and the whole thing gets lengthened out.</p>
<p>O'Brien: In this recommendation, you have different abbreviations spelled out, but not for PPPO. I think you need to spell it out to make it more clear what you mean.</p>	<p>Peterson: Certainly.</p>

Peterson called for and got a motion to approve the recommendation as amended. The recommendation was approved, 13-0.

Peterson then presented a suggested Top Issue coming from Paducah to be presented at the upcoming EM SSAB Chairs meeting. **Roberts** presented a DRAFT Agenda for the Chairs meeting.

Subcommittee Chair Comments:

Peterson asked if DOE had been able to set up a committee meeting with EPA and KY to discuss the CERCLA cell siting. **Woodard** indicated that she was working on doing that. **Peterson** suggested sending the Board a previous presentation on Waste Disposal Options at the site done on January 26, 2012.

Public Comments: none

Final Comments:

Hines gave an update on the Cold War Patriots house.

Peterson adjourned the meeting at 7:15 pm.



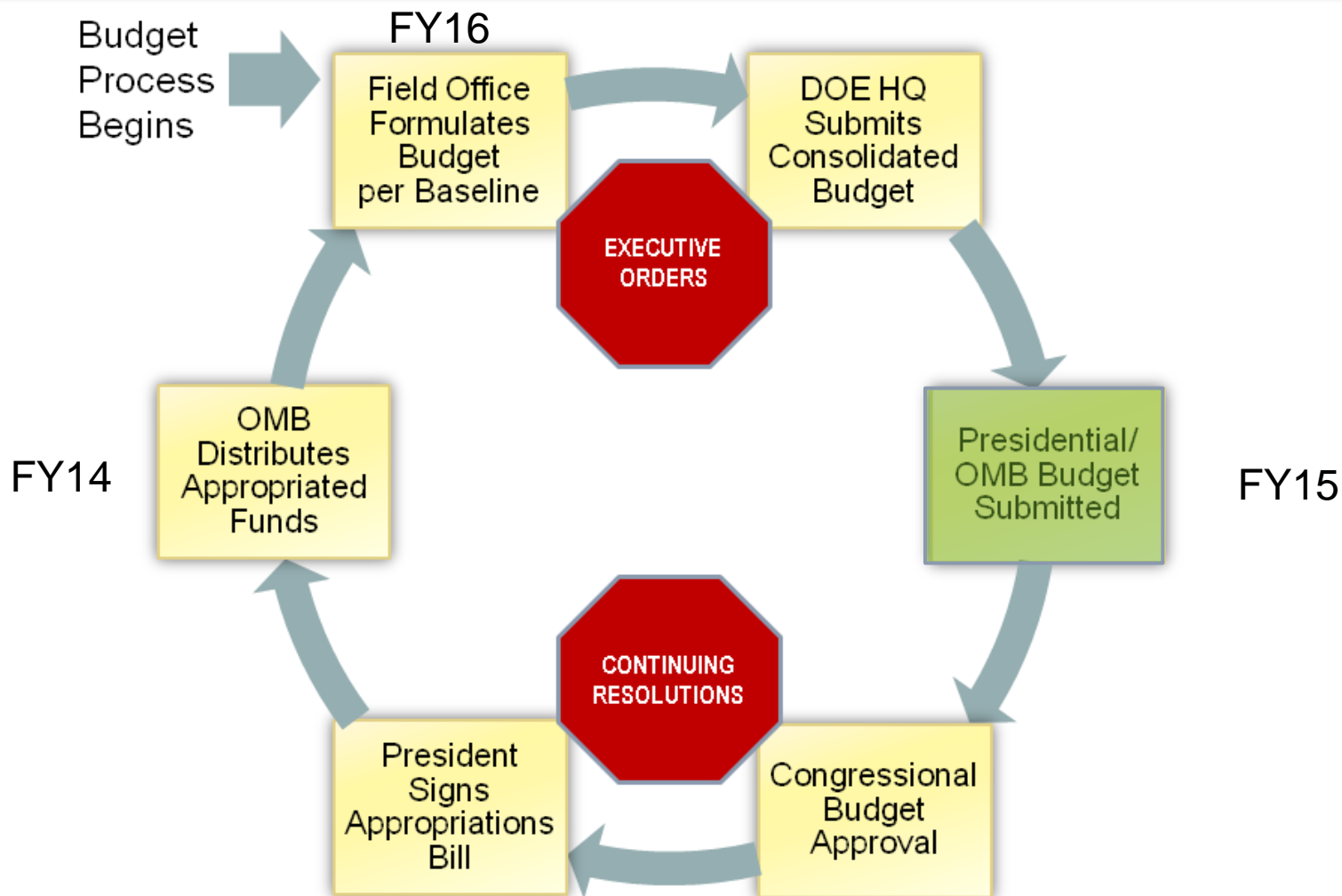
Paducah Gaseous Diffusion Plant

DDFO Presentation

Jennifer Woodard

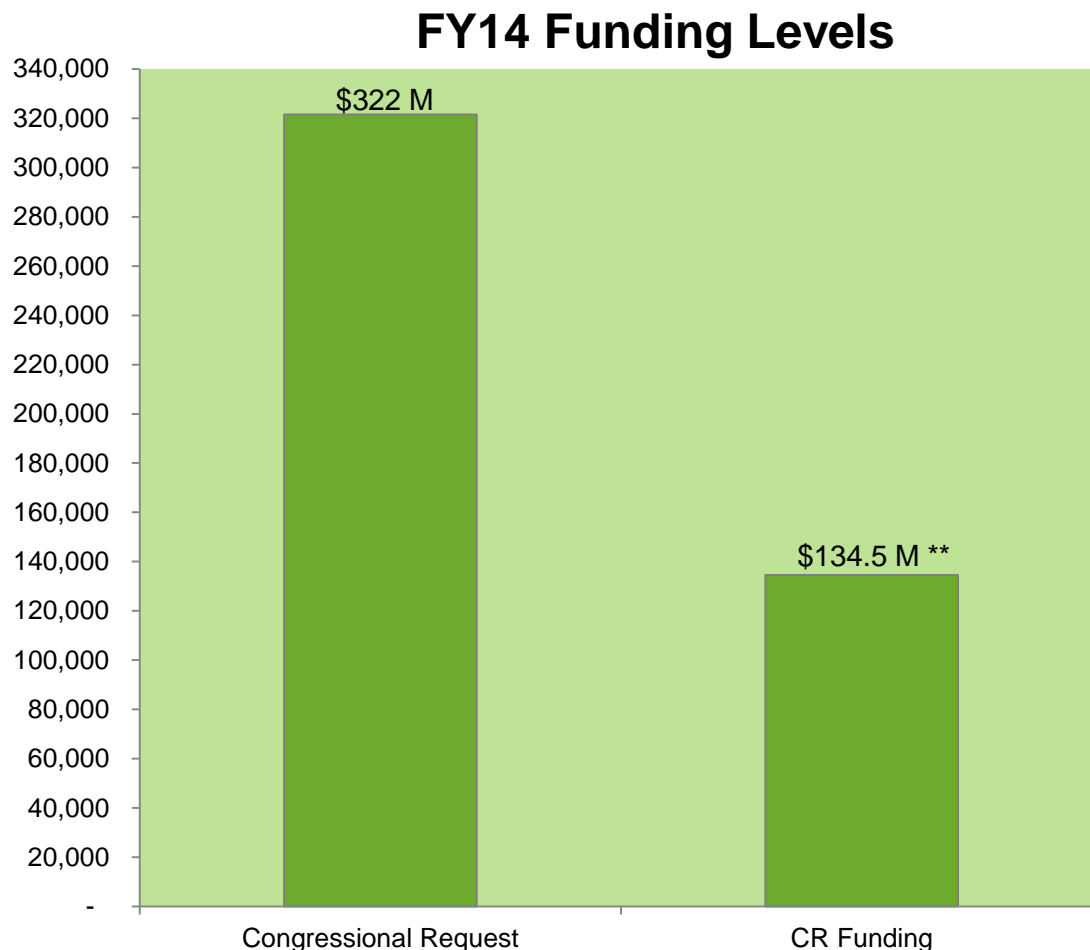
March 20, 2014

Federal Budget Process



FY14 Budget Request

- FY14 Budget Request
 - \$138M for Transition (GDP return)
 - \$138M for ongoing Cleanup Scope
 - \$ 46M for DUF6 Operations

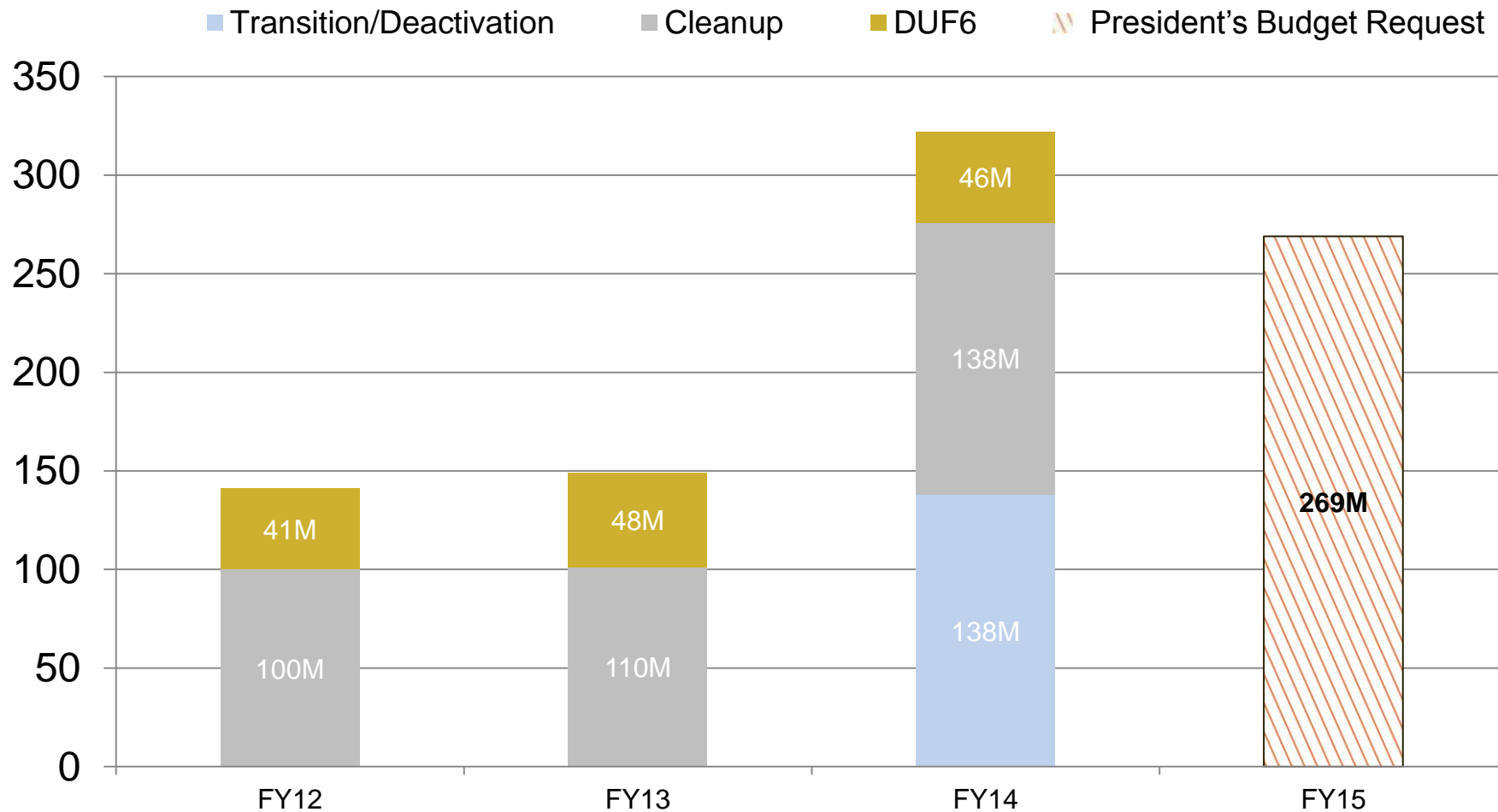


** Based on FY 13 budget; FY 13 budget did not include any funds for GDP transition

FY15 President's Budget Request

- FY15 President's Budget request is \$269.8M for PGDP cleanup and transition
 - Unexpended FY14 funds will carryover to FY15
 - President's FY15 budget request awaiting Congressional approval
- FY 14 budget request to Congress for Paducah was **\$321.5M** (\$322M)

FY12 – FY15 Appropriations Summary



Near-term through August 2015

ONGOING

- Continue DUF6 operations
- Continue environmental cleanup
 - Burial grounds, waste disposal, soils, surface water, groundwater, D&D of inactive facilities

PERIOD 1

- Continue transition planning
- Award deactivation contract
- 90-day mobilization

PERIOD 2

- Pre-release planning and facility transfer activities
 - facility transfer of PGDP (field walk downs, validation of lease turnover requirements)
 - required programmatic documents, environmental permits, authorization bases, and procedures
 - engineering, planning and procurement actions necessary to maximize implementation of facility modifications

Soils Operable Unit

Soils Sitewide Evaluation

- Conduct radiological walkover survey of 25 areas and sample for total uranium
- Evaluation supports characterization of publicly accessible areas
- Scooping meeting begins March 20, 2014

Soils Remedial Investigation

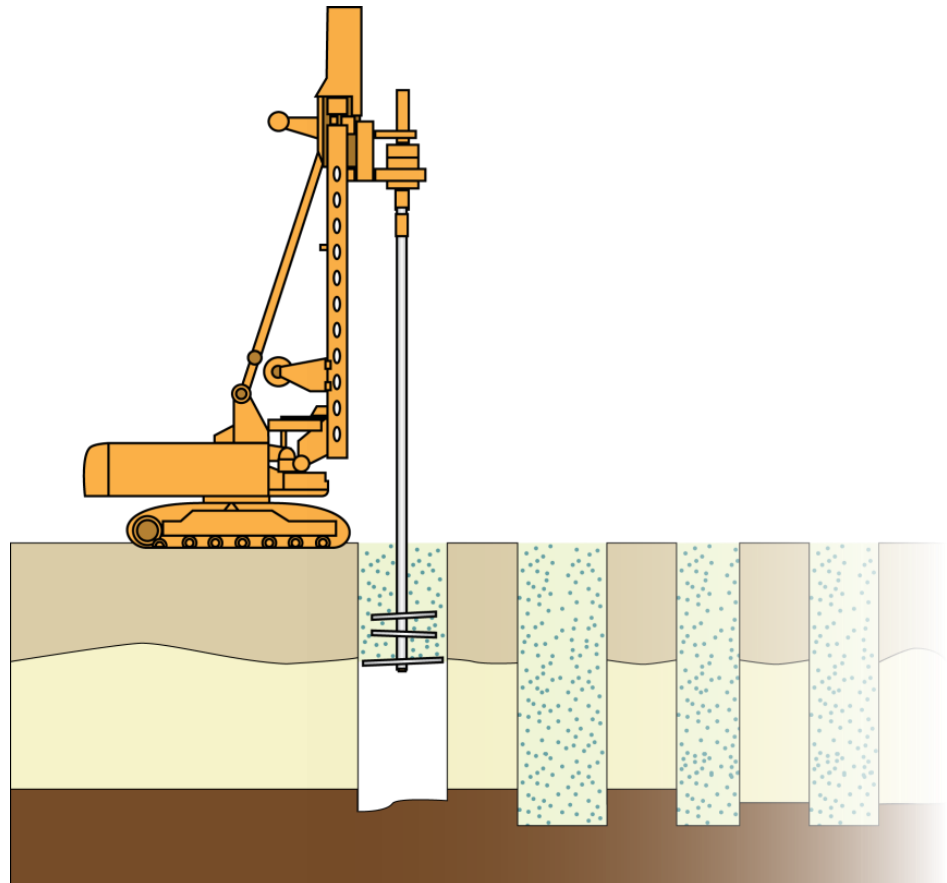
- Sample 16 areas to determine nature/extent of soil contamination
- Determine what areas to be included in a feasibility study to evaluate remedial alternatives
- Scoping activities with regulators began March 10, 2014



Groundwater Operable Unit

Southwest Plume

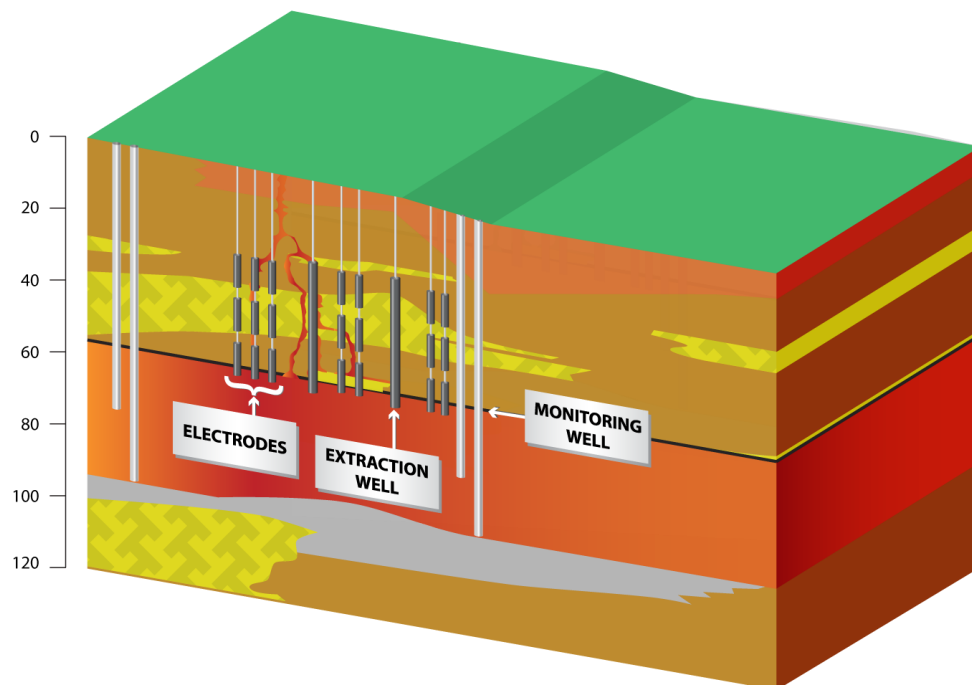
- Deep Soil Mixing – Field work scheduled to begin in July 2014
- 8-ft augers will inject reactive iron and steam to mix with soils to depth of ~60 ft
- TCE contamination to be removed



Groundwater Operable Unit

C-400 Phase IIa

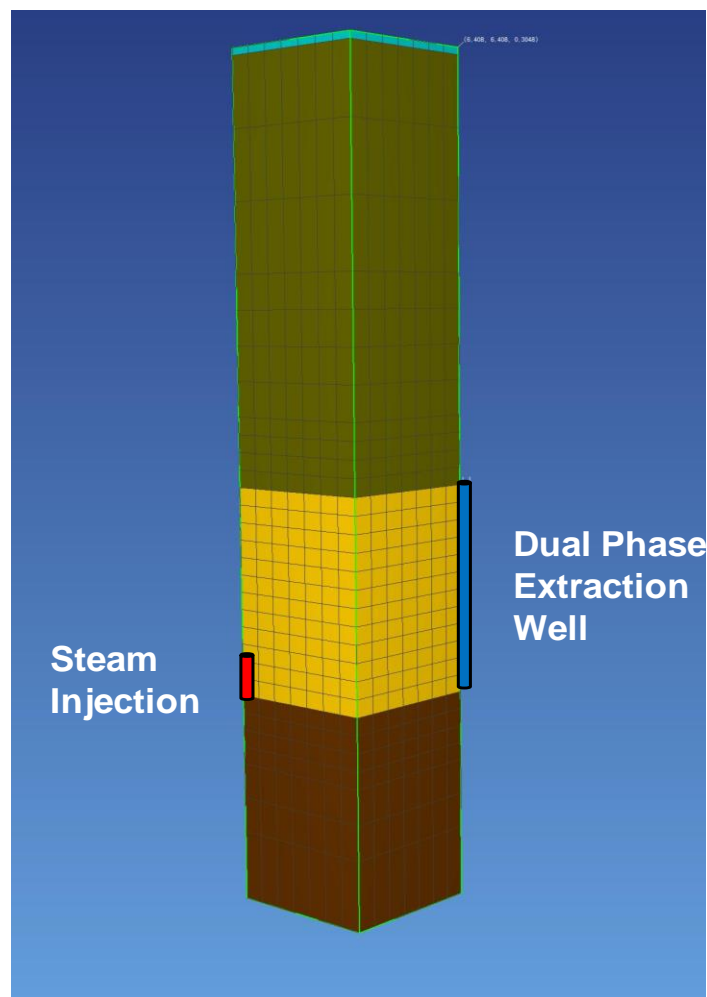
- ERH addresses upper 60 feet of ground
- Starting the week of March 17th, system had removed ~758 gal of an estimated maximum 2,500 gal of TCE and reached heating temp of 190 degrees F (target 194 degrees).
- System went online in July 2013; operation planned for completion in FY 2014



Groundwater Operable Unit

C-400 Phase IIB

- Treatability Study for steam injection is being planned
- Treatability Study Work Plan and Design underway
- Construction scheduled to begin in September 2014



Burial Ground Operable Unit

SWMUs 5 and 6

- EPA and KY have extended their review periods for the draft D2 Proposed Plan

SWMUs 2, 3, 7, and 30

- Continued to resolve EPA and KY comments on the D1 Feasibility Study
- Develop D2 Feasibility Study, due to the regulators on March 31

SWMU 4

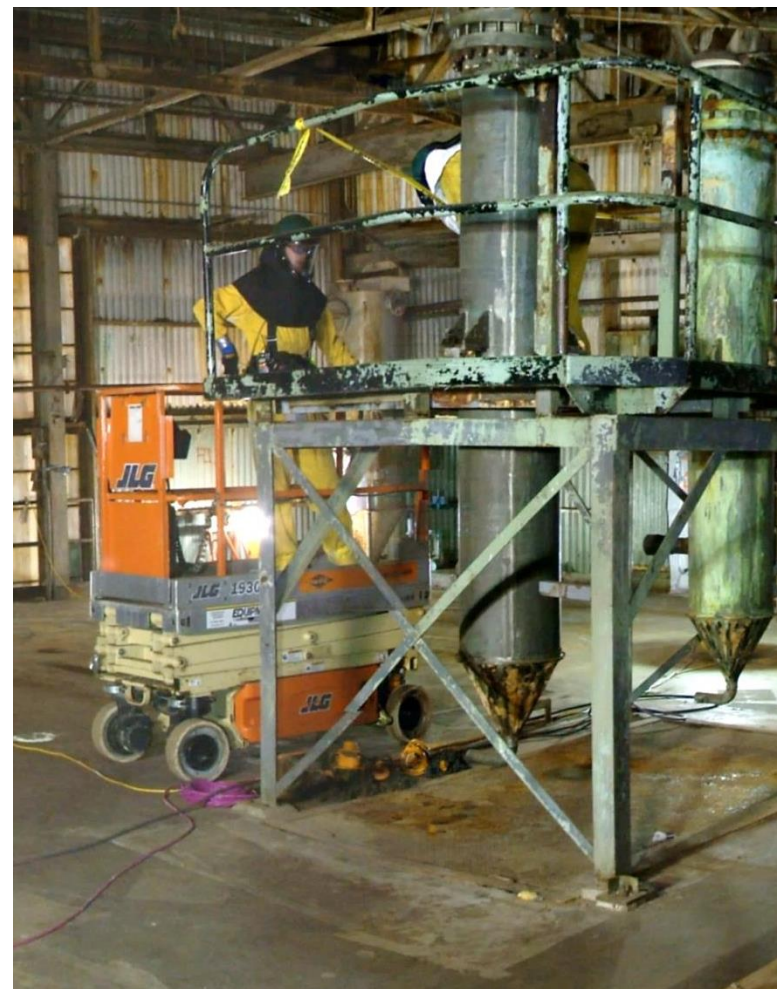
- Continued working with EPA and KY to finalize the scope of Phase III and IV of the Remedial Investigation



D&D Operable Unit

C-410 Feed Plant

- Continuing resolution resulted in a 4-month delay for the project
- DOE/LATA Kentucky plan to hold the completion dates (FY 2015) based on available FY 2014 funding
- Demo-ready status was attained in December 21, 2013



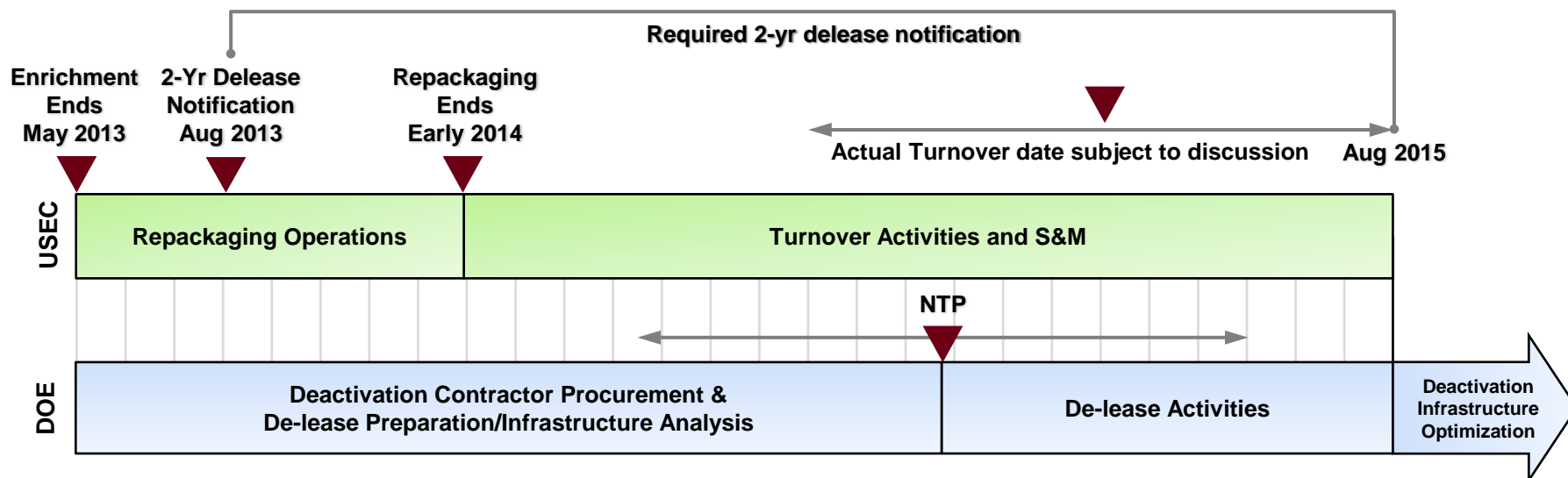
D&D Operable Unit

C-746-B Warehouse Cleanup

- Remove ~53,000 ft³ of uranium contaminated waste and debris stored from Paducah plant processes (examples: old machine shop equipment, asbestos brake shoes)
- Prepare building for D&D



Return of GDP



- This request includes funds to complete transition of facilities from the United States Enrichment Corporation (USEC) by August 2015, in accordance with the lease requirements.

FY14 – FY15 Key GDP Transition and S&M Activities

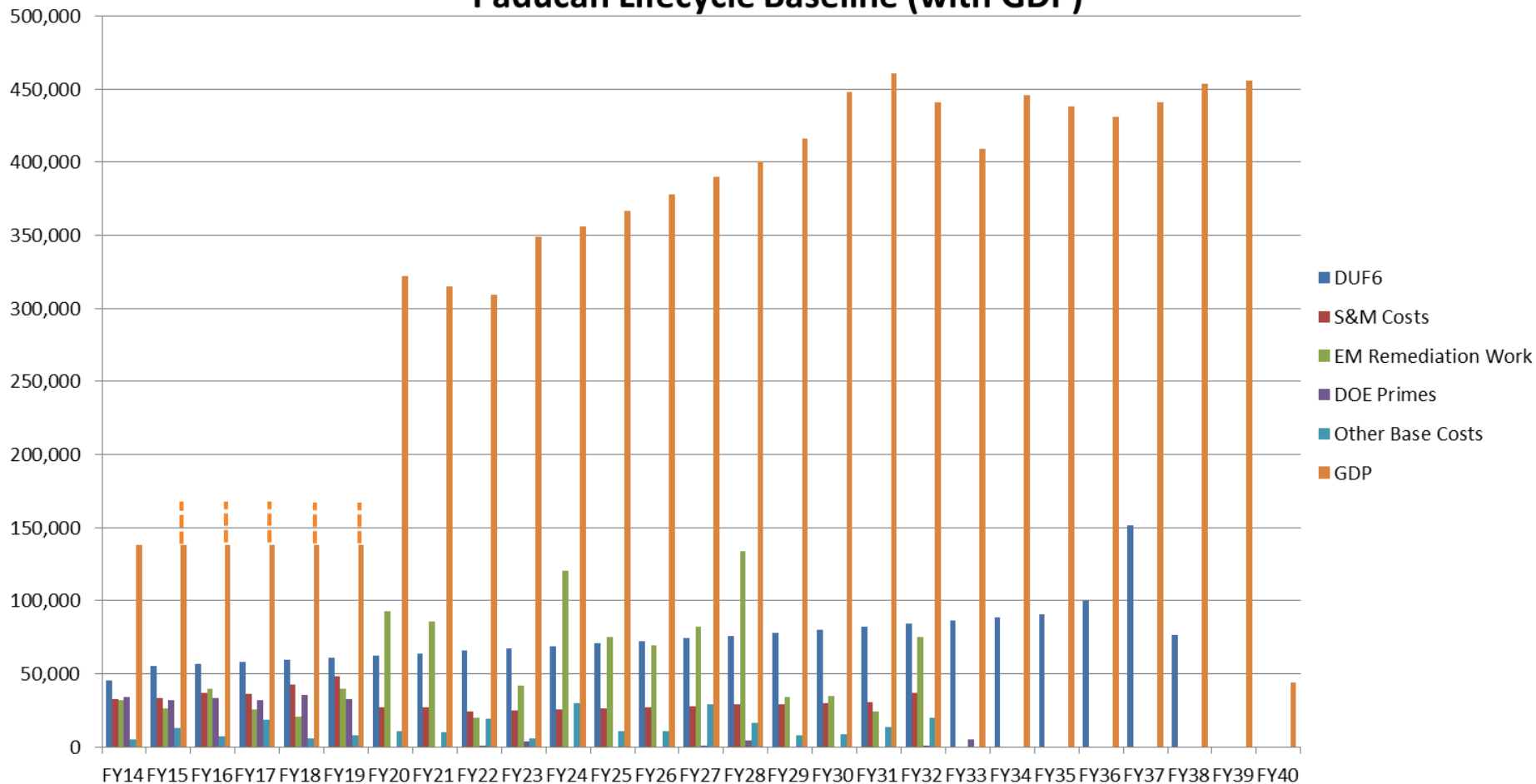
- Continue transition planning activities
- Award deactivation contract
- Implement pre-release planning and facility transfer activities
 - Required programmatic documents, environmental permits, authorization bases, and procedures
 - Planning necessary to maximize implementation of facility modifications
- Start facility deactivation and infrastructure optimization

Discussion...

Backup Slides

Lifecycle Baseline with GDP

Paducah Lifecycle Baseline (with GDP)



What is next?

- DOE is evaluating opportunities to 1) minimize impacts, 2) maximize resources, and 3) prep for GDP transition based on CR
- Once Appropriations are approved, DOE will reassess FY 14 Scope based on funding received
- DOE will provide updates of FY 14 funding impacts as additional information becomes available