



D&D/Facilities Subcommittee

Thursday, February 18, 2016 @ 5:00 p.m.

Agenda

Chair
Renie Barger

Vice-Chair
Mike Kemp

Subcommittee Members

Basil Drossos
Victoria Caldwell
Judy Clayton
Shay Morgan
Richard Rushing

Call to Order

Introductions

Overview of Upcoming D&D Projects

Next Steps and Actions

Adjourn

Jennifer Woodard
DOE DDFO

Buz Smith
DOE Federal Coordinator

Board Liaisons

April Webb
*Division of Waste
Management*

Julie Corkran
Environmental Protection Agency

Mike Hardin
Fish and Wildlife Resources

Stephanie Brock
Radiation Health Branch

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PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Paducah Gaseous Diffusion Plant Citizens Advisory Board D&D/Facilities Subcommittee Session Summary February 18, 2016

The Citizens Advisory Board (CAB) met at the Environmental Information Center (EIC) in Paducah, Kentucky on Thursday, February 18th at 5:07 p.m.

Board members present: Judy Clayton, Shay Morgan, Renie Barger, Dick Rushing, and Victoria Caldwell.

DOE and subcontractors present: Jennifer Woodard, DOE; Jim Ethridge, EHI Consultants (EHI); Yvette Cantrell, Restoration Services Inc. (RSI).

Board Regulators present: Stephanie Brock, Jennifer Naumobitz, Radiation Health Branch; Gaye Brewer, KY Division of Waste Management.

Public present: William Lankford, First Response Inc.

Clayton opened the meeting and asked for introductions. She then turned the meeting over to **Woodard**.

Woodard provided a review of the different ways of performing work at the site, which were authority provided by the Atomic Energy Act (AEA) and working through the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). She indicated that there had been thirty-two facilities disposed of at the site to date. She also said that around half of the facilities were removed under CERCLA and the other half under AEA authority.

Woodard indicated that all of the buildings on the list for removal at this point were going to cost \$1.5 Million to remove. She explained that there were two ways to do removal actions. They are an Engineering Evaluation Cost Analysis (EECA), and an Action Memorandum. She explained that under the EECA there was an option for a generic EECA which groups several similar type of buildings together, and then an action memo is issued when you start each building.

Rushing asked if the paperwork keeping ahead of actual work. **Woodard** said that they always had work to do with base work; maintenance of the facilities. She said that the biggest bottleneck to getting work done was doing all the paperwork to be able to get in the field.

Clayton asked what projects could be done under AEA and under CERCLA. **Woodard** indicated that the first consideration was if the facility contained a Solid Waste Management Unit (SWMU) and that would indicate that it would be handled under the CERCLA process. She also said that not that many structures contained SWMUs.

Woodard then explained what a SWMU was and how they were handled in the cleanup process. She also explained technical considerations in doing cleanup work at the site, such as, what utilities would be impacted by taking out a building's slab.

Brock said that the Radiation Health Branch did not regulate contamination inside the Limited Area of the site.

Woodard indicated that DOE was in the process of working on books that would list the site's facilities and what their function was during plant operations.

Woodard said that if they were to receive extra funding, they would accelerate deactivation and remediation.

Clayton asked how the next list of D&D projects would be developed. **Woodard** said that the C-400 building was a priority. She indicated that deactivation of that building had already started. She continued by explaining the process of deactivating a building to ready it to be torn down. **Woodard** then explained why it is an advantage to sequence work in a manner that makes sense.

Rushing asked if the re-roofing of the process buildings had been completed. **Woodard** indicated that it had. **Caldwell** asked how long before the process buildings would be torn down. **Woodard** said that certain hazards had to be removed first before considering D&D of the building itself, and that the C-337 process building was planned to be the first to work on. **Clayton** asked how long it would take to remove deposits in the C-337 process building. **Woodard** indicated it is planned to take ninety-three days to complete deposit removal in one cell. That would have to be multiplied by the number of cells in the building.

Caldwell asked if classified materials that would be removed from the process buildings could be put into the landfill. **Woodard** indicated that the current landfill could not accept classified materials, but the proposed disposal cell would be able to accept it.

Clayton asked what was anticipated to be recycled from the buildings. **Woodard** said that from a planning standpoint, that they assume that nothing will be recycled but they would not know for sure until work had started. She also said that their goal would be to recycle everything that they could. **Woodard** added that there was a pilot project to reclaim nickel being tested at the Portsmouth plant. If that process proved to work, it could be used at the Paducah site also.

Clayton asked if the C-720 Maintenance building would be a good example to "dissect" to understand the process of tearing it down. She added by asking if part of a building would be handled through the CERCLA process and part by AEA authority. **Woodard** indicated that the deactivation was handled by AEA, and that anything that could be free released would be given to the Paducah Area Community Reuse Organization (PACRO).

The group agreed to look at the D&D process as it pertained to the C-720 building in their next meeting.

Woodard said that she would like to know how the group interpreted data so she could prepare the information.

Rushing asked what the D&D goal was as far as what would be taken care of next. **Woodard** said that it was a combination of areas important to the community to remove and what would be easiest to remove with the amount of funds that they are given. **Rushing** then asked what was holding DOE back from doing what they wanted to do at the site. He then how could the Board help the most. **Brock** explained that some of the facilities were easier to remove than others that would take much longer to remove. Those that could be removed under AEA authority could be handled relatively quickly, compared to those that had to be removed under the CERCLA process. So what DOE decided to work on was guided by that consideration. She also added that DOE had to work with EPA and KY to work out what to do and how to do it, which was another consideration in getting things done at the site.

The group also decided that they wanted to hear what DOE's constraints were to getting work done for the next meeting.

The meeting adjourned at 6:15 pm.