



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

•OSU Endeavor Center • 1862 Shyville Road • Piketon, Ohio 45661 • (740) 289-5249 •

Proposed Agenda for the November 2, 2017 Board Meeting

Chair

Robert L. Berry

Co-Vice Chairs

Lisa Bennett
Carlton L. Cave

Board Members

Todd Burkitt
Bradley Burns
Jody Crabtree
Maddeline C. Caudill
Al Don Cisco
Dennis Foreman
Wade Fraley
Brandon Greene
Carl R. Hartley
Turman Helton
Ronda J. Kinnamon
Irma C. Payne
Cynthia Quillen
Jimmy E. Smalley
Beckie Thomas-Kent
Judy R. Vollrath

6 p.m.

Call to Order, Introductions
Review of Agenda
Approval of September Minutes

DDFO Comments

--15 minutes

Federal Coordinator Comments

--10 minutes

Liaison Comments

-- 5 minutes

Presentation-PORTS Technology- Marty Reibold, FLUOR BWXT

--20 minutes

Administrative Issues

--20 minutes

Subcommittee Updates

--5 minutes

Public Comments

--15 minutes

Final Comments from the Board

--15 minutes

Adjourn

Deputy Designated

Federal Official

Joel Bradburne

DOE Federal Coordinator

Greg Simonton

Support Services

EHI Consultants, Inc.
1862 Shyville Road
Piketon, OH 45661
Phone 740.289.5249
Fax 740.289.1578

U.S. DEPARTMENT OF ENERGY



Deputy Designated Federal Official Presentation Portsmouth Site Specific Advisory Board

Joel Bradburne, DOE Site Lead
November 2, 2017

Integrated Safety Management System



P O R T S
SAFETY WORKS



Safety is Central in All We Do



Secretary Perry Tours Ports Site



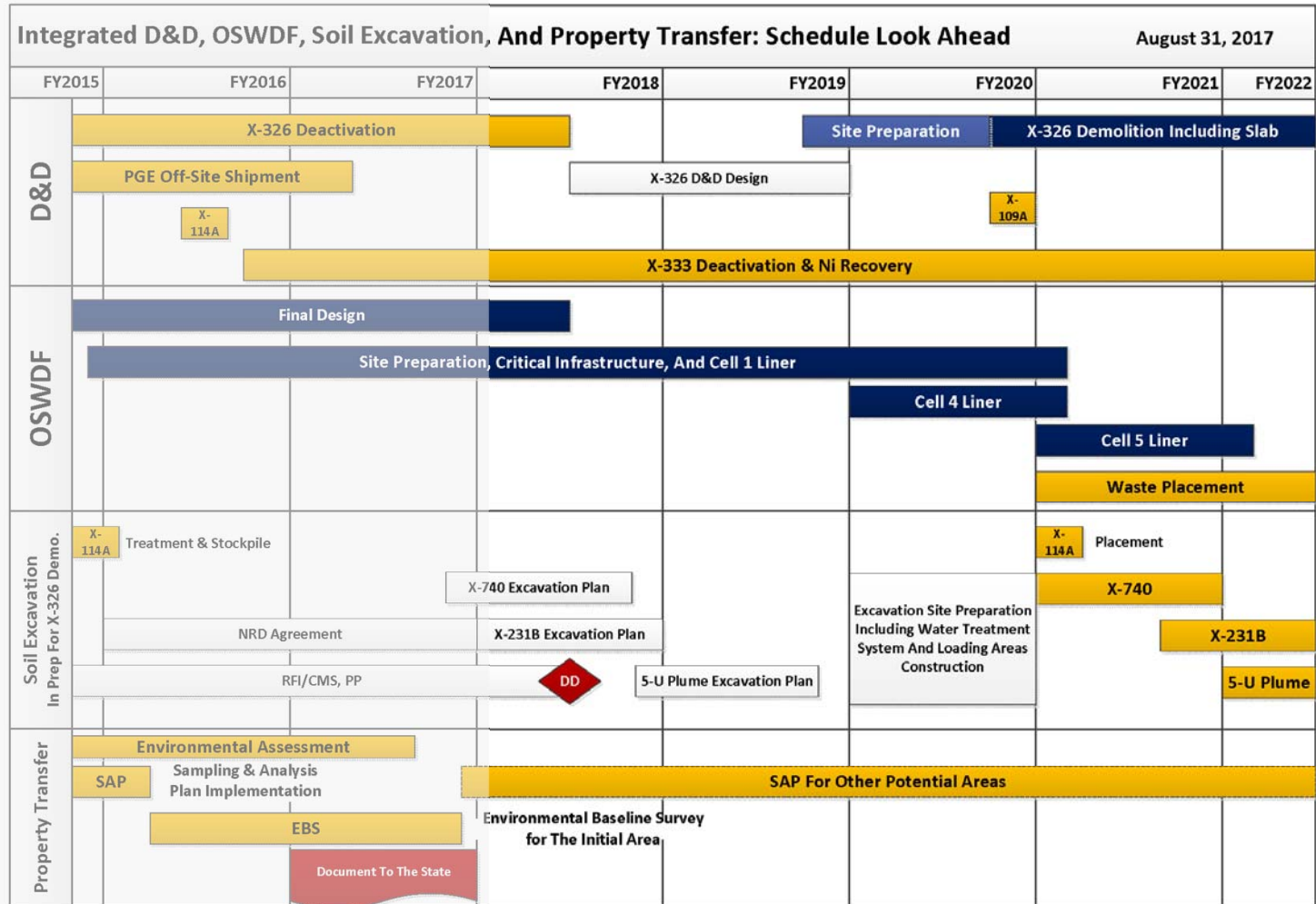


Secretary Perry Tours Ports Site





PORTS Integrated Baseline





D&D Progress – X-326 Deactivation





D&D Progress

Small Diameter Containers Moved from X-326 to X-744G





D&D Progress – X-333 Deactivation





D&D Progress – X-333 Deactivation





D&D Progress

Training and Demonstration Area (X-700)



- Major Equipment Delivered
 - Brokk Machines and Attachments
 - Bundle Disassembly Table and Frame Stand
 - Virtual Reality System
 - Tuggers/Forklifts
 - Manual Plasma Cutters
- Training Underway on Equipment
 - 28 USW Workers
 - 8 Supervisors/Managers



- Work Packages Being Developed
- Readiness Assessment Demonstrations will be completed in the space.





Waste Management & Transportation

Congratulations!
**Largest LLW
Shipper in the
DOE Complex**

**Waste Management
& Transportation**



2013 - 2017

*5 Years
in a Row!*



PREPARING THE FUTURE
PORTS
D&D PROJECT

P O R T S
SAFETY WORKS

PREPARING THE FUTURE
PORTS
D&D PROJECT



OSWDF Construction





OSWDF Construction





Infrastructure Upgrades



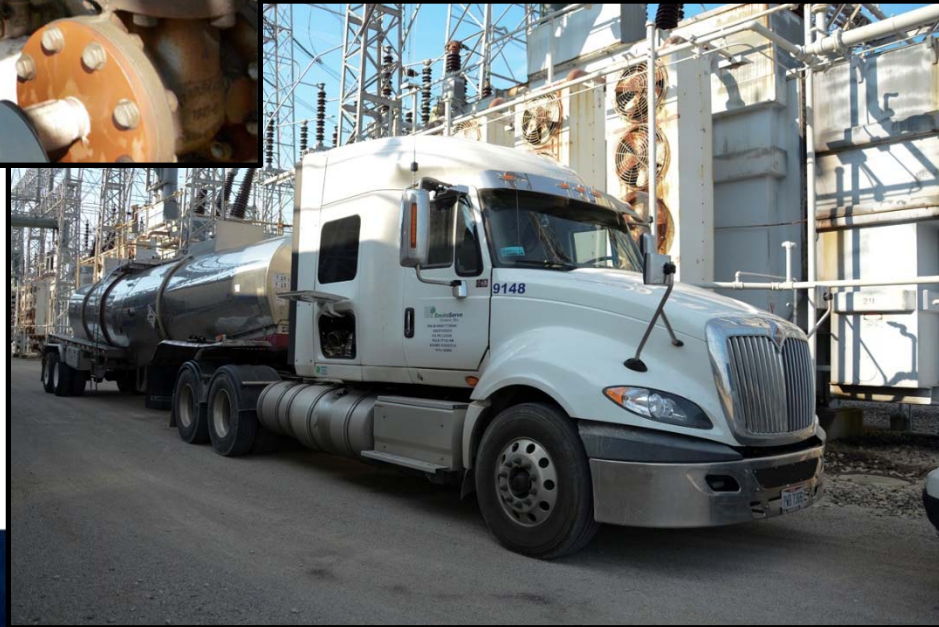


Infrastructure Upgrades

Painting New Life Into the X-611



Recycling Oil in the X-530

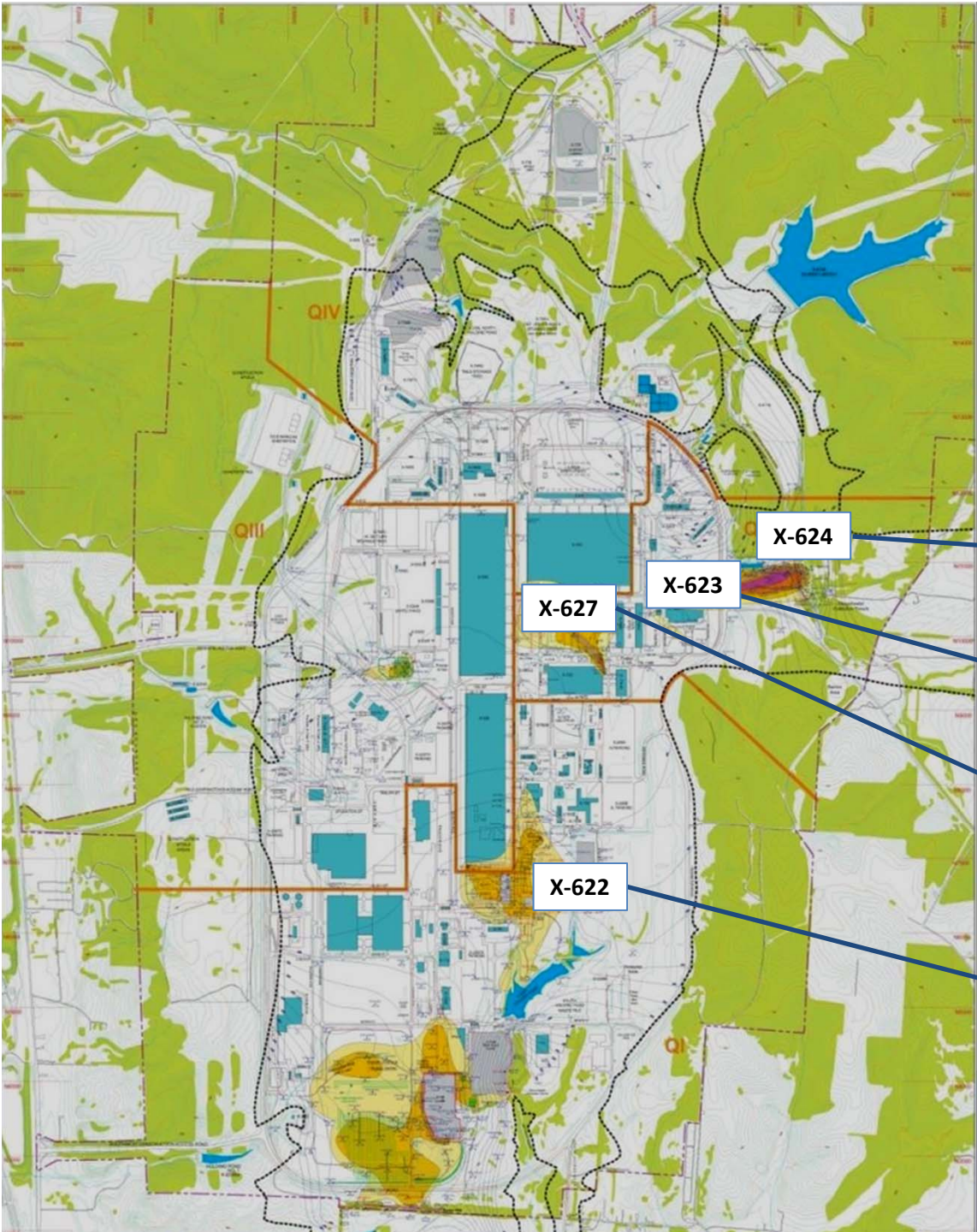




Groundwater Cleanup



Groundwater Cleanup



| Groundwater Treated FY2017 | Groundwater Source | TCE Removed FY2017 lbs. |
|----------------------------|---|-------------------------|
| Gallons 3,536,300 | X-701B Plume | 111.02 |
| Gallons 11,700 | Misc. Site | 0.00 |
| Gallons 11,148,665 | 7-Unit Plume | 114.36 |
| Gallons 20,002,800 | 5-Unit & X-749/ X-120 Plumes & PK Drainage | 24.40 |



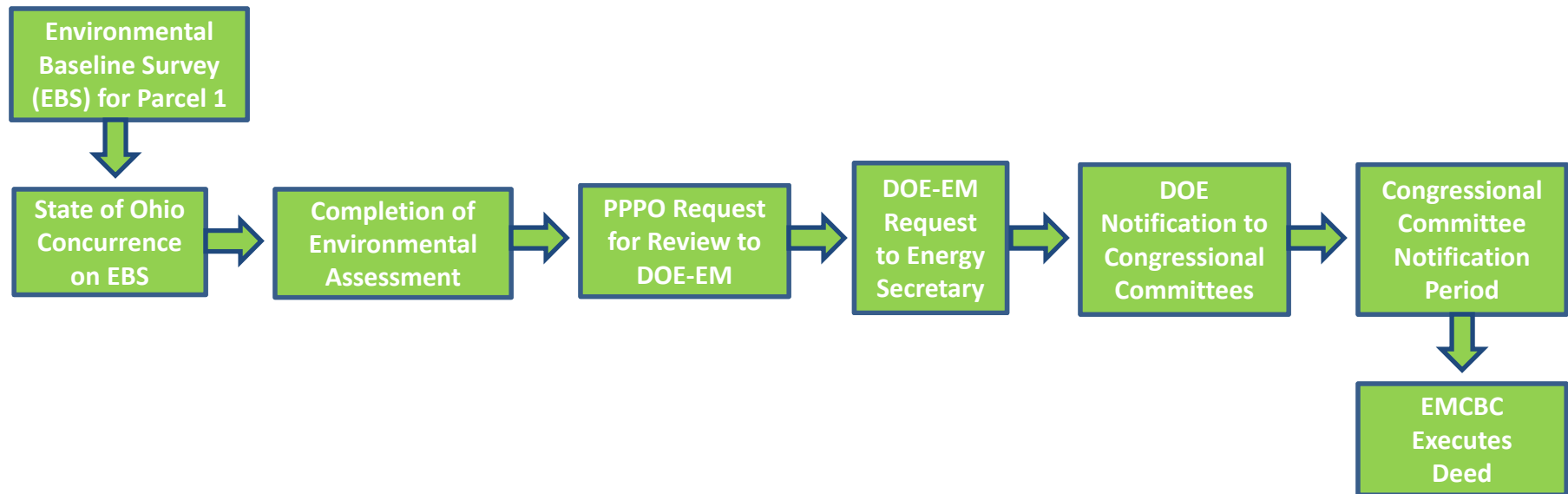
Future Use – First Property Transfer

- Parcel 1 Property Transfer Package scheduled for delivery to HQ in November
- Parcel is about 80 acres
- Requires DOE-HQ and Congressional approval
- Property could be component to future reindustrialization





Future Use – First Property Transfer



This is a high level overview of key steps in the property transfer process as outlined by 10 CFR 770 – Transfer of Real Property at Defense Nuclear Facilities for Economic Development.





DUF₆ Conversion Plant Update





Site Tours



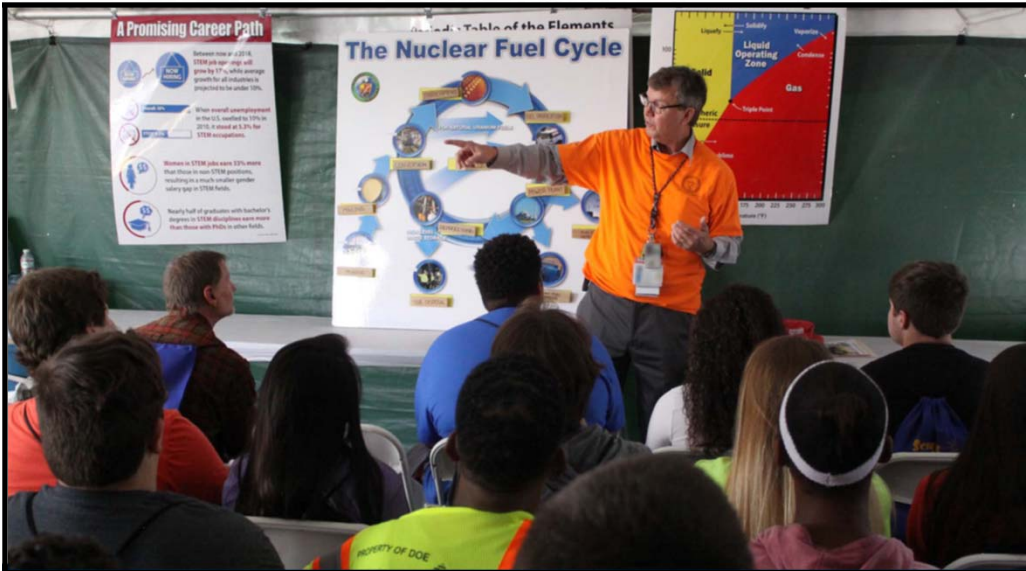
SSAB D&D Subcommittee - Wastewater Treatment Plant Tour





Educational Outreach

Record Attendance at 8th Science Alliance





Community Outreach

Employee-Giving Campaigns Raises \$177,352 for Local Community





Educational and Community Outreach



Tim Poe, Nuclear Operations, speaks to high school students participating in a leadership camp as part of the iBELIEVE program.



Employees at the Portsmouth site donated 45 whole blood and 29 “power red” units to the American Red Cross.

This will save more than 200 lives!



Upcoming Outreach Events

- SSAB Full Board Meeting Thursday, January 11, 2018

To register for the public tours, please contact Sandy Childers
sandy.childers@fbports.com or 740-897-2336.

*For a full list of SSAB activities, check out the website at
<http://www.ports-ssab.energy.gov>*



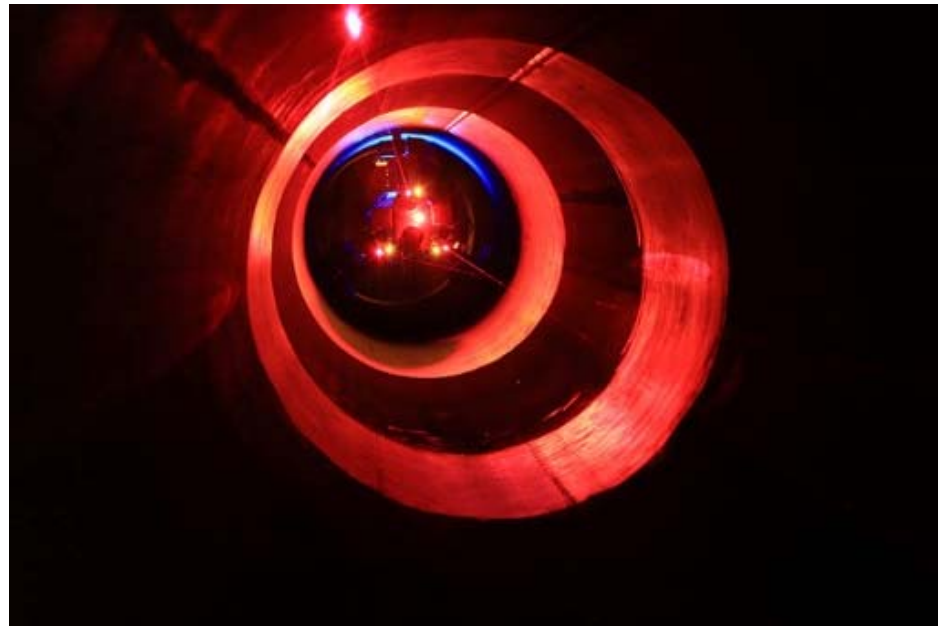
Robotics & Technology Update

Marty Reibold

Director of Strategic Initiatives

Fluor-BWXT Portsmouth

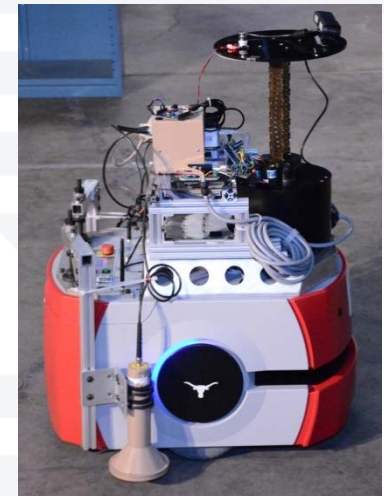
November 2017



Previous Robotics Deployments

DOE-EM Science of Safety Robotics Challenge

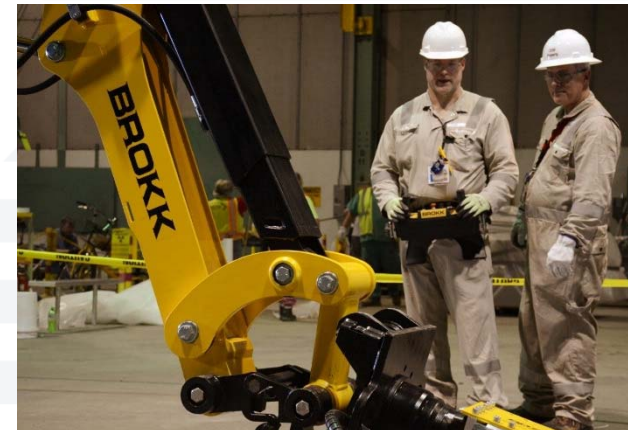
- Engage workers in the demonstration of DOE-EM mission-relevant, novel, adequately mature robotic and related enabling technologies on site at PORTS
- Increase awareness and garner support of EM stake-holders, appropriators and Congress on opportunities of mission-relevant robotic technologies.
- Demonstrations held Aug 22-25, 2016



Improving Worker Safety

Brokk Robotic Platforms

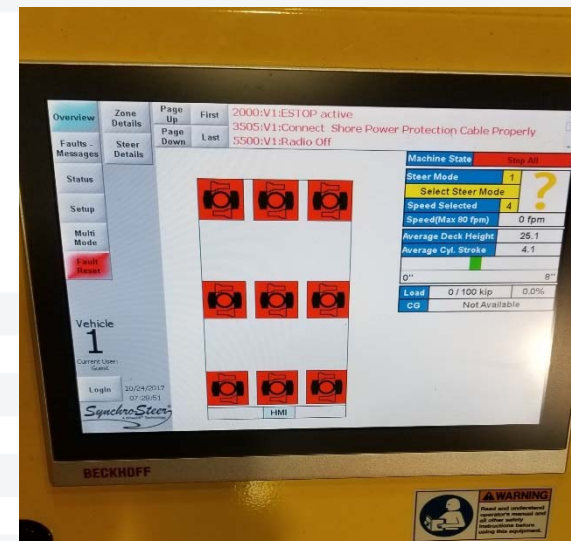
- Removes the worker from the work face!
- Wireless controlled with joystick
- Capacity comparable to a 15-20 ton excavator
- Compact size with exceptional reach (23 ft)
- Extremely precise and dexterous
- Multiple attachments – plasma cutter, shear, magnet, grapple, etc.



Improving Worker Safety

Omniscart

- Self-propelled transporter for moving and rotating 35-ton converters
- Serves as transfer cart and converter cutting station
- Load-equalized suspension modules (9) and omnidirectional travel
- Live center of gravity monitoring for optimum balance and secure loading
- Exceptionally maneuverable with precision within .02”
- Battery powered with 100,000 lb. capacity
- Wireless control with joystick



Worker Qualification

Training and Demonstration Area (TDA)

- TDA established and operational (June 2017) to support MSA start-up, commissioning, readiness assessment and operations.
- Implementation of Virtual Reality systems using 3D model to confirm techniques and develop work planning procedures
- Worker qualification on all tele-operated robotic and wireless material handling systems



X-700 Training and Demonstration Area (TDA)



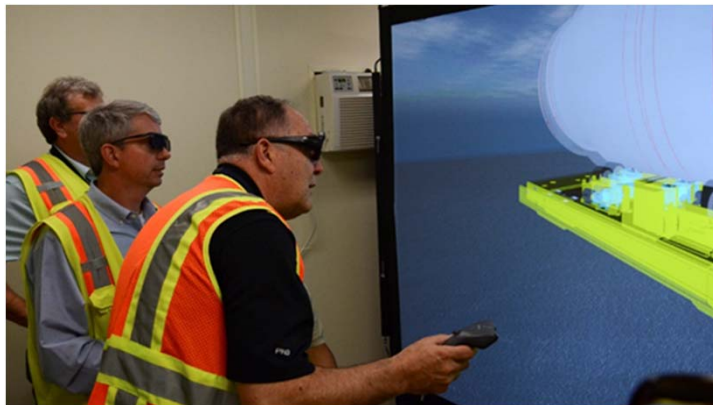
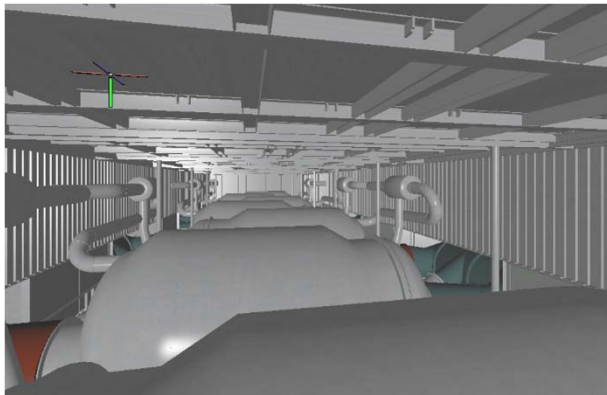
SAFETY WORKS



Workforce Engagement

Virtual Reality

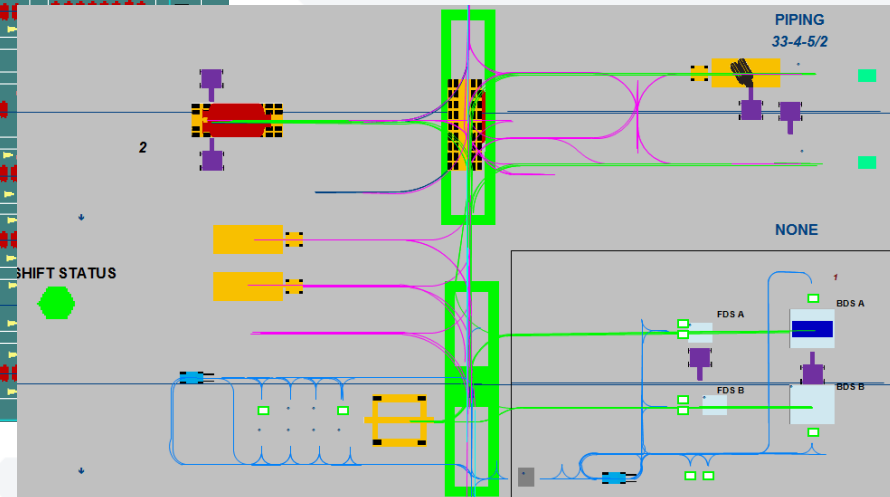
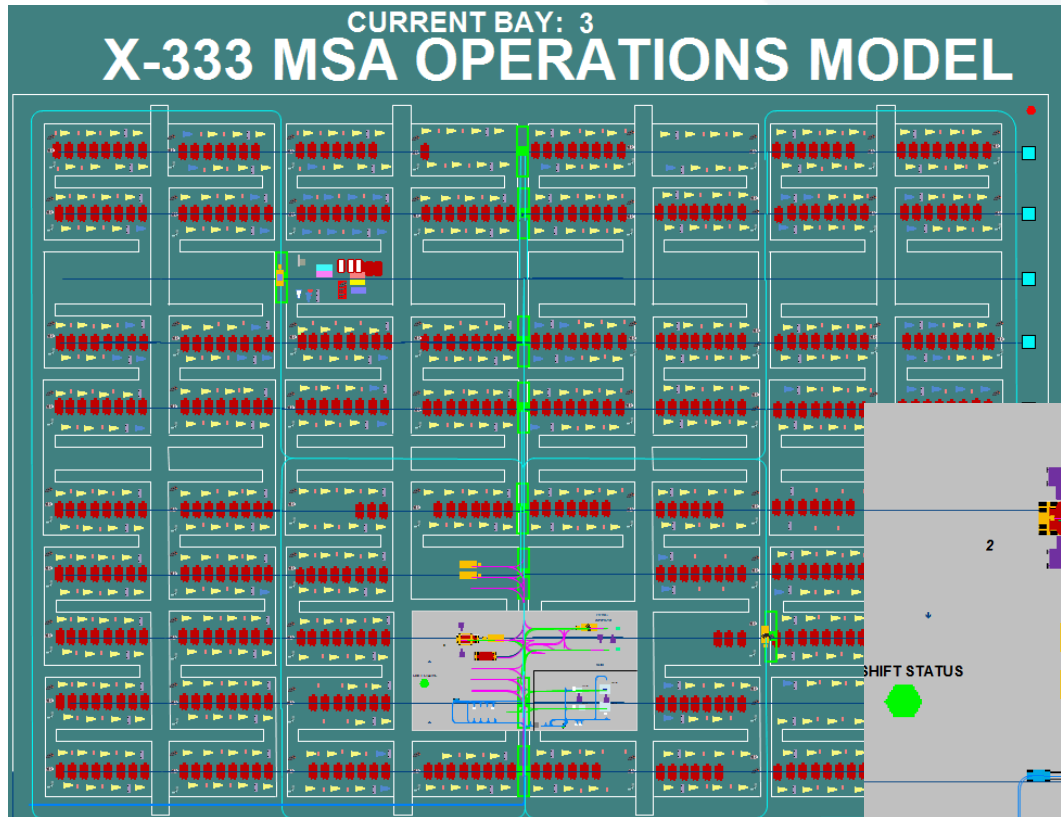
- Established computer models for X-333 cells and converter.
- Established VR stations in the TDA for work planning and job procedures
- Hands-on training for operators to familiarize and practice converter disassembly steps prior to conducting the work on actual components.



Work Planning

Process Modeling

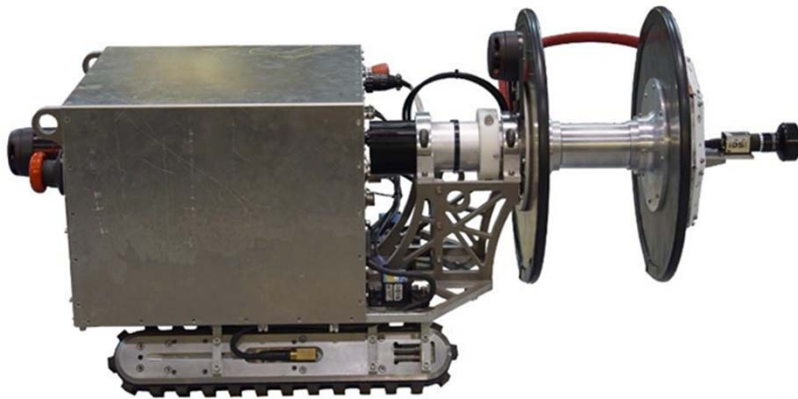
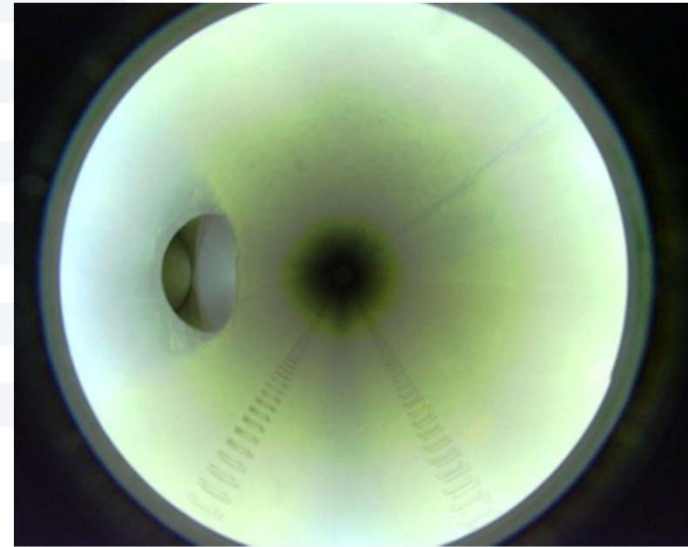
- Developed “time and motion” models to identify throughputs, confirm schedules and shifts, and to identify bottlenecks and resource constraints.



Improving Work Performance

In-Pipe NDA Measurement System

- X-333 has 15.3 miles of piping (3" up to 54")
- Current NDA method is manual exterior scan
- Worked with Carnegie Mellon University (CMU) to conceptualize an in-pipe crawler system to directly measure from the inside.
- R&D funded entirely by DOE-EM HQ
- Cold and hot demos successfully completed
- Results: More accurate; faster; safer; cheaper



“RadPiper”



Emergency Response

Emergency Response

- Emergency Operations Center upgrades included acquisition of a **Talon** system outfitted with CBRNE (Chemical, Biological, Radiological, Nuclear, Explosive) package for emergency response applications.





PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, NOVEMBER 2, 2017, SSAB MEETING • 6:00 P.M.

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

Site Specific Advisory Board (SSAB) Members Present: Chair, Bob Berry, Co Vice-Chair, Carlton Cave; Dr. Todd Burkett, Jody Crabtree, Carol Caudill, Al Don Cisco, Rick Fraley, Dennis Foreman, Turman Helton, Ronda Kinnamon, Cynthia Quillen, Jimmy Smalley, Beckie Thomas-Kent, Judy Vollrath

SSAB Members Absent: Co Vice-Chair, Lisa Bennett, Brad Burns, Brandon Greene, Carl Hartley, Charlene Payne

U.S. Department of Energy (DOE) and Contractors: Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jeff Wagner, Jill Thomson, Dennis Carr, Fluor-BWXT Portsmouth (FBP)

Liaisons: Shannon Dettmer, Ohio Department of Health (ODH); Dustin Tschudy, Tom Schneider, Ohio Environmental Protection Agency (EPA)

Facilitator: Eric Roberts, EHI

Public: Kevin Shoemaker, Southern Ohio Diversification Initiative (SODI); Matt Lucas, Pike County News Watchman; Billy Spencer, Village of Piketon; Damon Detillion, Portsmouth Mission Alliance; Diana Cahall

Approved by Bob Berry, Board Chair

Bob Berry

Call to Order:

Berry: I would like to call the meeting to order.

Roberts: I would like to welcome everyone, and I will be facilitating the meeting. There will be a public comment period after the presentations. The board should stay within its defined scope and follow the meeting ground rules adopted.

November Agenda:

Roberts: Are there any modifications or proposed changes to the November agenda?

- **Cave:** I make a motion to approve the November agenda.
- **Thomas-Kent:** I second the motion.
 - **Motion carried, minutes approved**

September Minutes:

Roberts: Are there any modifications or proposed changes to the September minutes?

- **Tschudy:** On my remarks, it should say 90% instead of 60% and adding DOE’s RCRA Hazardous Waste to Permit.
- **Cave:** I make a motion to approve the September minutes after the amendment of Dustin Tschudy’s comments.
- **Cisco:** I second the motion.
 - **Motion carried, minutes approved**

| Question/Comment: | Answer: |
|--|---|
| Foreman: Can we get a list of the hazardous wastes? Can we get copy of the DOE’s RCRA Hazardous Waste Permit? | <p>Tschudy: It would be listed on the RCRA Hazardous Waste Permit.</p> <p>Roberts: Yes, we will get a copy of the permit from Dustin and get it to you.</p> |

DDFO comments provided by Greg Simonton, Federal Project Coordinator:

- **PORTS Safety Works**
- **Secretary Perry Tours Ports Site**
- **PORTS Integrated Baseline**
- **D&D Progress-X-326 Deactivation**
- **D&D Progress**
- **D&D Progress-RX-333 Deactivation**
- **D&D Progress**
- **Waste Management & Transportation**
- **OSWDF Construction**
- **Infrastructure Upgrades**
- **Recycling Oil in the X-530**

- Groundwater Cleanup
- Future Use-First Property Transfer
- DUF6 Conversion Plant Update
- Site Tours
- Educational Outreach
- Community Outreach
- Educational and Community Outreach
- Upcoming Outreach Events

| Question/Comment: | Answer: |
|--|---|
| <p>Kinnamon: What happens to the containers?</p> <p>Are there agreements in the property transfer as to the wastewater treatment facility, electric, is there an addendum?</p> | <p>Simonton: I am not sure. We will have to check on that and get the answer back to you.</p> <p>We have an agreement with the Pike County Sewer District for a certain amount of wastewater capacity with a timeline of 10 years. We need to work on water and electric arrangements.</p> <p>Shoemaker: We have talked about gas and all those things. We are meeting on a regular basis with DOE about every two weeks. We talk about all those issues that will make the property usable and valuable.</p> |
| <p>Foreman: How many cylinders are there? You say there are different kinds of containers, is that standard?</p> <p>Mr. Shoemaker, you said when they find a buyer, so are you storing it right now?</p> <p>Do you have a copy of the Environmental Assessment?</p> <p>Are the sedimentation ponds lined?</p> <p>Kevin, since you are meeting every two weeks, Piketon would like to meet every two weeks also. Is there a plan for the wellfields in Piketon to be updated? That</p> | <p>Simonton: These are small cylinders, not the big ones that you drive by.</p> <p>Shoemaker: No, we have a contract to get the highest price for it then we make an arrangement where it is picked up by the vendor at the site, taken to recycle location and they have to certify it. We do not store it.</p> <p>Simonton: Yes, we can get a copy for you.</p> <p>Schneider: Not with plastic, they have clay.</p> |

| | |
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| <p>was offered to us right Mr. Mayor Spencer? The main water line comes right through Piketon.</p> <p>We have to be ready for future use.</p> <p>We do want the water in Piketon, just want to make sure you know that.</p> | <p>Shoemaker: We continue to have these discussions. It makes sense to keep it all updated.</p> |
| <p>Burkitt: What is the ballpark price? Who does the deed get issued to?</p> | <p>Shoemaker: Around 60 cents a gallon.</p> <p>Simonton: In this case, SODI requested the transfer.</p> <p>Shoemaker: We had to agree to pay property taxes if that is your next question.</p> |
| <p>Smalley: Is it true they are doing a lot of roadwork now?</p> | <p>Simonton: Yes, they are doing a lot of paving. The annual paving program.</p> |

A copy of the DDFO presentation is available on the SSAB web site (www.ports-ssab.energy.gov)

Federal Project Coordinator comments provided by Greg Simonton, Federal Project Coordinator: None at this time.

Liaison comments provided by Shannon Dettmer, ODH:

Dettmer: As you know, I have been filling in until the full time person could be hired. The position was posted about two weeks ago, and the new person should be hired, maybe, by January.

Liaison comments provided by Dustin Tschudy, OEPA:

Tschudy: No major updates. We have been reviewing documents.

| Question/Comment: | Answer: |
|--|---|
| <p>Foreman: October 2014 the EPA approved the Waste Acceptance Criteria (WAC), can you get a copy of that for me? I really feel like that is something we need to start discussing. There was a group e-mail running around today, so I am concerned.</p> <p>Do you have the numbers, acceptance, and measurements everything like that? Sometimes the answer I get there is a technology side and this side. I would like to see both sides. I think it is time to</p> | <p>Tschudy: You can have the WAC. There is a portion that we do not have. That is in the Record of Decision (ROD).</p> |

have a big discussion, some people think that there is nothing radioactive going in the on-site cell or anything nuclear. I am concerned. Is that true nothing radioactive nothing nuclear?

There was a group e-mail going around today and I wanted to bring it up tonight. I think there is a miscommunication in the group here knowing what exactly is going into this waste cell. People are thinking it is just going to be waste and not radioactive material or nothing nuclear and you just told me I am correct, there is going to be some nuclear and radioactive material. Isn't that correct Mr. Schneider?

Schneider: There will be some radioactive stuff going in there.

Roberts: Let us just make it clear. An e-mail went out today and it mentioned that in some newspaper articles that the on-site waste disposal facility has been referred to as a nuclear dump or radioactive dump or something around those lines, a radioactive landfill, there was a concern of whether that was an appropriate term for the site. The reality is and I think Dennis was alluding to is that there will be radioactive constituents within the landfill. Saying that it is a radioactive landfill is not incorrect, because components from a building from a nuclear facility is going in the landfill so saying it is a nuclear landfill is also not incorrect. Personally, having discussed this a couple of times with a handful of different people, there seems to be a situation where there is clearly some communication and understanding errors. Obviously I do not think that anyone is intending to refer to this as an on-site disposal facility to mislead anyone. It is a proper technical name. At the same time there is a lot of connotation and fear that come from words like nuclear and radioactive with the uneducated public and I think this is

But at the same time, we need to be honest because if it wasn't radioactive we wouldn't need that big robot to cut things like that. We could just take it over here to Rumpke and put it there and would not need to spend all these millions of dollars.

I appreciate you saying good for the community. How many of you people on this board is from Piketon, Ohio? Seal township?

Because if something happens, if one of those 30-ton containers is dropped, you do not get to evacuate your home, I do. That 4,000 acres you talk about it taxed off us, that is why it matters to me. When I got on this board, I was honest with who I am and I am a village councilman, and I do what I can to protect my residents and what they tell me they want. You can come with me Ms. Vollrath and ask my friends and neighbors what they think.

I never said that. You should not be offended. I never said that you don't care, what I am saying is that I live here.

I think we need to get a better education of what is going on there, because I do

something we should be aware of. If not already, now is the time to know when you say those words around people it can be scary. There is a lot of fear when you use those words. It can still have those things in it and still be safe.

But, there is also the ability to have an on-site disposal facility that can contain nuclear and radioactive material and still be safe and healthy for the environment and clearly there has been a disconnect between those two concepts. It is your job to make recommendations to DOE to say this is an area where this is hurting your success. I think that is fair to say. I want it to be good for the community.

Vollrath: What difference does that make Dennis?

You make the impression that you think we do not care as much as you do, and I am offended by that.

Roberts: We do appreciate that, we need to understand that everyone here on the board is here because they care about the community.

not want to argue with Ms. Vollrath, but I think there was a miscommunication today. I think some people on this board do not know exactly what is going in the waste cell. I think January needs to be spent having a really good discussion with the WAC in the full board meeting so the people can come in here and hear this, they need to know what is going in here because if our board members don't know that it is going to be radioactive or nuclear, then I am kind of concerned. That is why I did not respond today, I wanted to wait until I was here and could hear from Mr. Schneider or Mr. Tschudy because right now I am concerned because the Record of Decision, if you read through it, it says nuclear. I read it and am actually doing my homework. I am concerned because I am a citizen who lives here. I have 10 homes I own here, I live here and love it here. I really think we need to have a really good discussion on the WAC because we have five new members here. I know some of the members have contracts there or work there, but we still need to have a good discussion about the WAC because the WAC is not that easy to understand.

Roberts: If you have an issue give me a call and let us work it out and not turn into a shouting match.

We can definitely talk about the WAC. I would ask all members to please try not to make assumptions on issues for each other, having spent time with all of you, I know your intent is to represent the community as well as the areas you are from. Please when in doubt give the other one the benefit of the doubt until we have a chance to talk and if you have questions or concerns do not hesitate to give me a call and I can help settle this. I do not want this to become an unconformable shouting match between any group of board members, and I do not think that is

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| | <p>what you guys want either. It is not beneficial to anybody. We are designed to be a diverse group, different locations, different backgrounds, different thoughts, opinions and different values. That is sought out intentionally when they put this board together. As Al Don said if any two of us were just alike, one is not needed. Therefore, I need you all to represent your communities with your values and what is important. I need you to feel safe and comfortable bringing that to the table so we can have these discussions.</p> |
| <p>Burkitt: What is a WAC?</p> | <p>Roberts: It is Waste Acceptance Criteria.</p> |
| <p>Kinnamon: Mr. Schneider, I want everyone to understand how usual or unusual it is to have a landfill with a WAC similar to the one that was issued here. Where is the nearest landfill that is similar? In addition, are there others in Ohio? What is the big difference between a hazardous waste landfill and this facility? Ok Thank you.</p> | <p>Schneider: Not that I am aware of.</p> <p>This one has additional layers in it.</p> |

PORTS Technology by Marty Reibold, FLOUR BWXT:

- Previous Robotics Deployments
- Improving Worker Safety
- Worker Qualification
- Workforce Engagement
- Work Planning
- Improving Work Performance
- Emergency Response

| Question/Comment: | Answer: |
|---|--|
| <p>Burkitt: How long does the battery last?</p> | <p>Reibold: It depends on the speed and how long you have it. I believe 18 hours at low speed. If you have it at a brisk walking pace, maybe more like three or four hours.</p> |
| <p>Foreman: What is that on page four?</p> <p>Once the sewer pipes are drained out, can you use that in the sewer pipes too? It can do readings inside the sewer pipes</p> | <p>Reibold: It is a test weight, that represents 35-ton converter.</p> <p>These are used right now for sewer lines.</p> |

| | |
|--|--|
| <p>Cave: Besides the time, it is financial too. They have already had success with these waste disposals and because of that success, it is something, they are going to push with all the other sites, to help move the cleanups faster.</p> | <p>Kinnamon: Success is defined only by the person speaking. Success here for most people is to make it clean and economic potential for the residents here. The success is by how quickly we can get it down and what is the financial obligation. I think those are two very separate things.</p> |
| <p>Berry: I know we all have different opinions. I think we need to have a meeting with what can go in and what cannot go in an on-site disposal cell so everyone can hear it especially so the new members can hear it.</p> | |

Subcommittee Updates:

Budget and Lifecycle Planning Subcommittee Update by Jimmy Smalley:

The Budget and Lifecycle Planning Subcommittee met on September 19. The purpose of the meeting was to have subcommittee elections, work plan review and Fiscal Year 2018 Budget Request.

D&D/Remediation and Future Use Combined Subcommittee Update by Al Don Cisco and Dennis Foreman:

Cisco/Foreman: The D&D/Remediation and Future Use Subcommittee met on September 19. The purpose of the meeting was to have subcommittee elections, work plan and on-site waste disposal facility construction update. The subcommittee met again on October 10. The purpose of the meeting was to receive an overview of waste water system.

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|---|--|
| <p>Cisco: Were the converters shipped together site during construction? Can they even be shipped?</p> | |
| <p>Foreman: The people that live on the road back here used to have a septic tank and now they have to pay \$50 for sewer whether they use it or not when they have an investment already, is that right? What is the rate then?</p> <p>There is not much around here, when this is gone there so the jobs. We need this for future use. I just want to make sure we do something for the future. The Commissioners said they were told that all the existing landfills and plumes would be cleaned up. EPA is it true that you are going to clean up all existing</p> | <p>Simonton: That is the county, about 4.40 per thousand.</p> |

landfills and plumes. What is a remedy?

The common person out there tells me what this means to them is that we are dirt poor so we are going to take that dirt from the existing plumes and landfills, am I correct, that is what I have heard in these meetings? So what I am saying to you is that the commissioners, and local people think that DOE is going to clean up all those things, dig those up and put over in this new cell, so I think there is a misconception. When you say remedy, you are already doing pump and treat now.

So the reason the community thinks you are going to clean those up. The reason they are leaking is that the technology wasn't as good then as it is now. I said that 13-02 and 15-05 is what the SSAB before us said. Some of you are still here. I just want to make that clear, the newspaper is here and I just want to make sure I say it in front of him that the commissioners have been told that it is all going to get cleaned up and put in one spot. I just want to clear this up because some people think that what I am saying is wrong and I don't think I am, because what you just told me is that you are not going to dig them up right now, you have remediation in place for pump and treat at this time, there is nothing that says you are going to dig them up. I want to make sure, this is important. I am afraid that in the future that someone will want to get rid of these and I will fight tooth and nail, because if you are going to clean something up, you have to clean it up. You cannot just do pump and treat for the rest of our lives. I appreciate what you are doing. It is very valuable what you are doing.

Tschudy: We already have remedies in place on these units.

Remedies for the groundwater pump and treat, that is what you see on the numbers.

I think we are supportive of that. But we can't have a remedy in place and come back and tell you we have them capped off and come back later and say, you can dig those up.

| | |
|--------------------------|---|
| Thank you Mr. Schneider. | Schneider: What we are saying is there are decisions out there to manage the existing landfills, as Dustin said. DOE has said they are going to dig those up, but as far as a commitment, you're right, there isn't one. |
|--------------------------|---|

Historic Legacy & Community Engagement Subcommittee Update by Carol Caudill:

Caudill: The Historic Legacy & Community Engagement Subcommittee met on September 19. The purpose of the meeting was to have subcommittee elections, work plan and volunteer organization for DOE Science Alliance. The subcommittee met again on October 10. The purpose of the meeting was to have an update on the DOE Science Alliance.

Public Comment:

Cahall: I feel like with the OSDC that there is a whole lot of issues that would be more worthy of people's attention, but I have the information of the public notice and if you feel like you would like to send an e-mail or comment, I believe that the comment period just started. If you feel like you would like to do that, it would be an excellent idea. My personal opinion is it is always a good thing when agencies hear from the public or get questions from the public, that way they know you are out there and are concerned and want answers, which I think is an excellent exchange. I made copies if anyone would like one. Thank you.

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| Foreman: I have a question about the comment period. What are you talking about, explain this to me. I would like to get a link to that, because people need to know this, I think it is very important to the people that live here. | Cahall: It is a 30-day comment period as to any thoughts or questions about the director granting the exemption. |
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Spencer: I am going to read a letter from the Village of Piketon (see attached letter) and would like to get it entered into the minutes.

Final Comments from the board:

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| Quillen: What year did the board start? Then why are we backtracking? I resent the fact that some people think | Roberts: 2008 I do not think we are going to back track. We will just hit the highlights. |
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| because I am not from Pike County that I do not care. I have worked here for years and I am proud of it. I am proud to be an employee of the plant. | |
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Berry: Adjourned

Next Meeting: January 11, 2017

Action Items:

- Pathway of small cylinders
- Environmental Assessment of the 80 acres
- WAC presentation
- RCRA Hazardous Waste List
- List of Hazardous waste from OEPA Email Village of Piketon Area D and the Opposing Resolutions
- Copy of the ROD