



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

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

Proposed Agenda for the January 11, 2018 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 November Minutes
- DDFO Comments** --15 minutes
- Federal Coordinator Comments** --10 minutes
- Liaison Comments** -- 5 minutes
- Presentation-SODI Activities, Steve Shepherd and Kevin Shoemaker** --20 minutes
- Administrative Issues** --20 minutes
 - **Board Consideration on Recommendation 18-01**
 - Public Comments on Recommendation
 - Board Comments on Recommendation
- 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
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U.S. DEPARTMENT OF ENERGY



Deputy Designated Federal Official Presentation Portsmouth Site Specific Advisory Board

Joel Bradburne, DOE Site Lead
January 11 , 2018

PORTS Site Critical Walkways

FBP Priority # 1 Critical Walkways During Snow/Ice Conditions for Employee Site Safety

Note: After completion of Priority #1 areas, normal snow/ice removal will continue. These are approximate locations and may change based on plant weather and conditions.

CONTACT

PMA 740-897-2233
 PMA Pager 740-289-0844
 PSS 740-897-3025
 Emergency 740-897-2444

Note: ACP and MCS provide snow/ice removal to their areas.

LEGEND

-  Critical Walkways
-  Treated Parking Lots
-  Facilities
-  Facility Removals



PORTS SAFETY WORKS



JIC AND EOC UPDATED

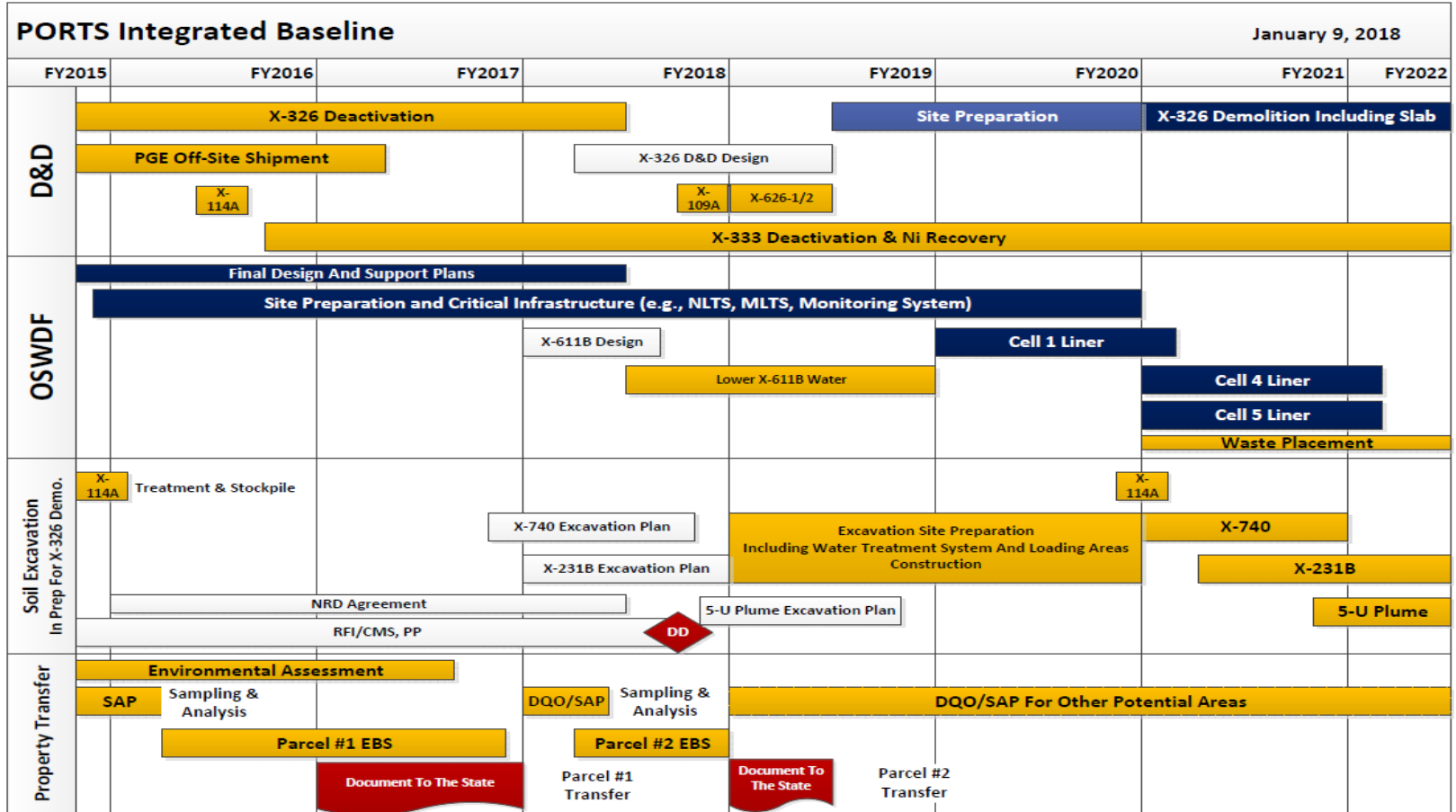




PORTS Integrated Baseline



January 9, 2018



Capital Asset Project (CAP)

Operation

RCRA Decision Document



PORTS Integrated Baseline



January 9, 2018

PORTS Integrated Baseline (continued)								
FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	
Infrastructure Upgrades	Rightsizing And Upgrade Major Infrastructure							
Groundwater Cleanup	Operate Groundwater Pump and Treat Systems							
			Upgrade PLC In Treatment Facilities					
					Adjust 5-Unit Plume System			
				Adjust 7-Unit Plume System				
DUF6 Conversion	Conversion Plant Upgrade							
				DUF6 Conversion				



D&D Progress – X-326 Deactivation



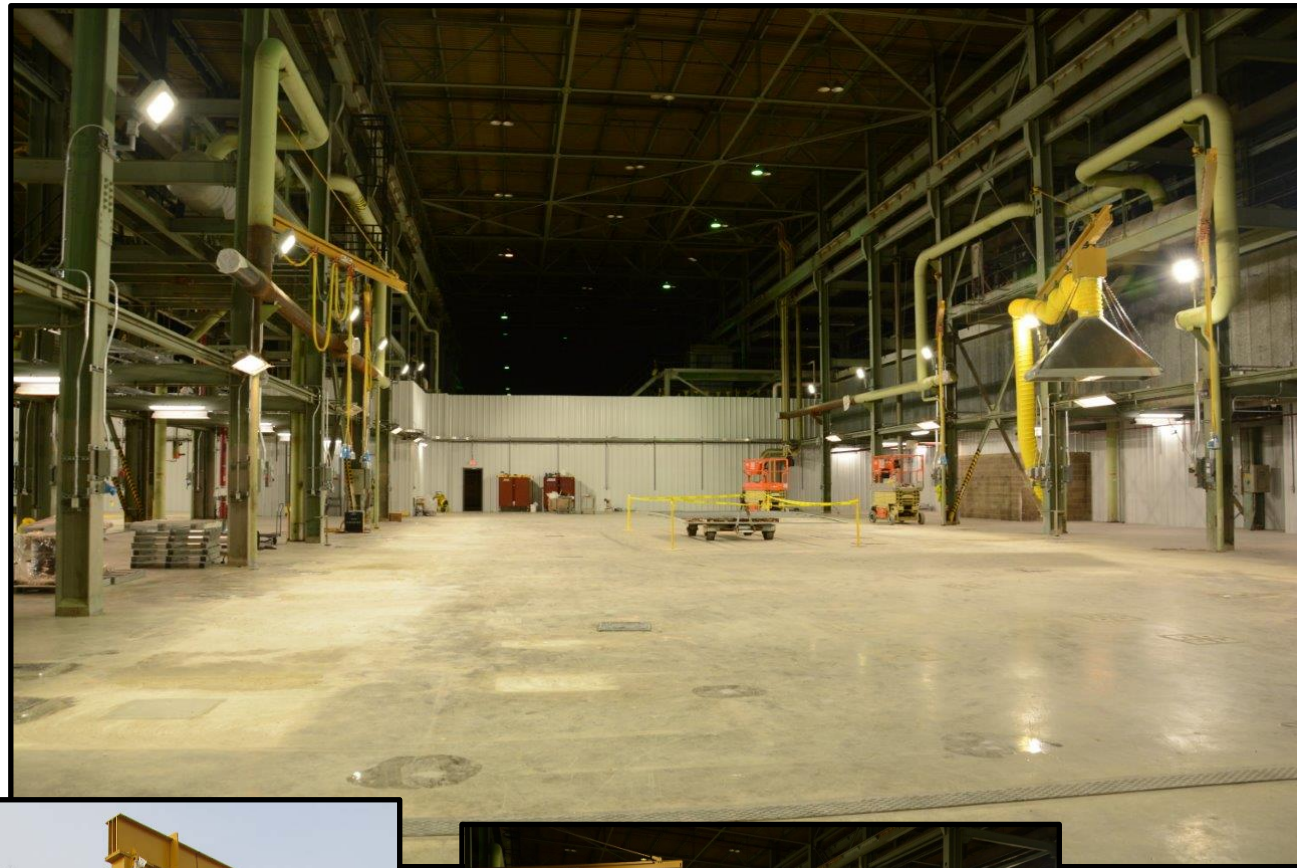


D&D Progress – X-333 Deactivation





D&D Progress – X-333 Deactivation- Material Sizing Area

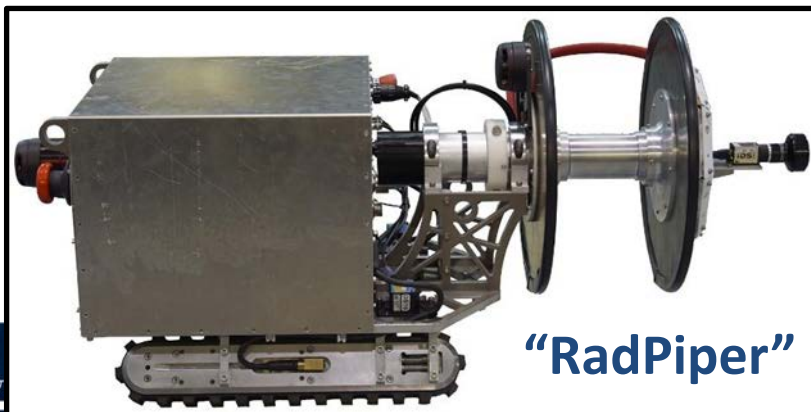
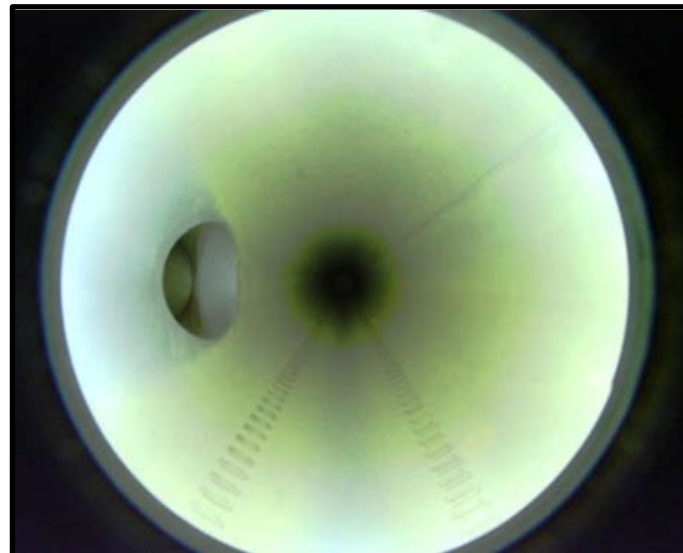




D&D Progress – X-333 Deactivation- Robotics Technology Development

In-Pipe NDA Measurement System

- X-333 has 15.3 miles of piping (up to 54")
- Current NDA method is manual exterior scan
- Worked with Carnegie Mellon University (CMU) to develop an in-pipe crawler system to directly measure uranium deposits from inside the pipe.
- R&D funded (~\$2M) entirely by DOE-EM HQ
- Cold and hot demos successfully completed in 2017
- Results: More accurate; faster; safer; cheaper
- Production prototypes to be deployed Jun 2018



“RadPiper”





D&D Progress — LAST BATCH OF ASH LEAVES PORTSMOUTH



Depicts the reaction rate of uranium oxide in the reactor. At this point, the uranium oxide was not fully dissolved.



Chemical Operators Ryan Washington and Jodie Elswick are shown tightening the bolts on the PUP for shipping.



D&D Progress –

Last Tanker of Dielectric Oil Leaves Portsmouth for Recycling



The Southern Ohio Diversification Initiative (SODI) will receive the proceeds from the recycling effort and will use it for economic development in the local community.

OSWDF CONSTRUCTION





Infrastructure Upgrades-

Repairs to the X-333 HPFW System





Infrastructure Upgrades

Replacing Weir Gates and Containment Booms



Phase 1 of the project involved replacing the floating oil booms.

PREPARING THE FUTURE

PORTS
D&D PROJECT

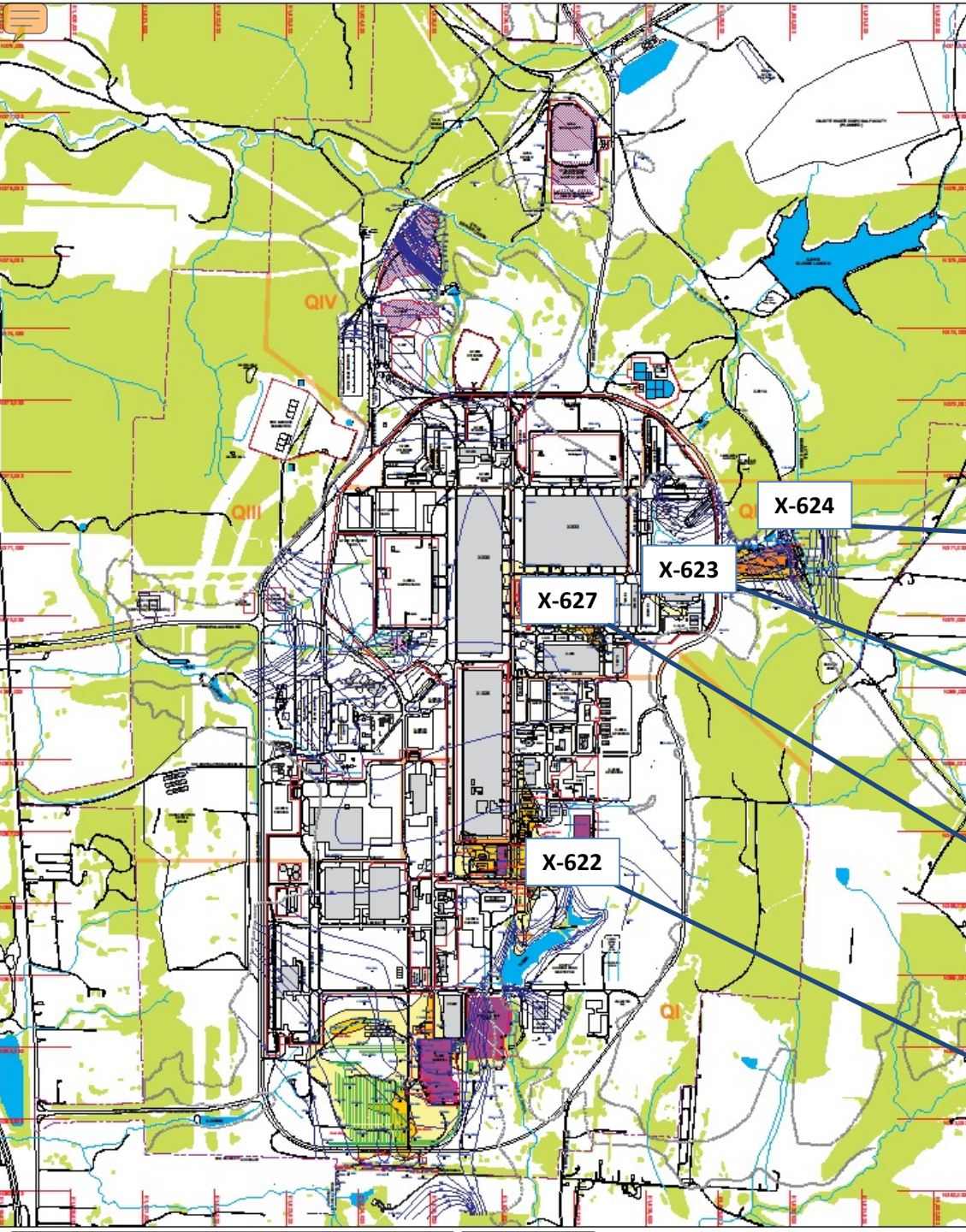




Groundwater Cleanup



Groundwater Cleanup



Groundwater Treated FY18-Nov.	Groundwater Source	TCE Removed FY18-Nov. lbs.
Gallons 378,900	X-701B Plume	11.79
Gallons 1,440	Misc. Site	0.00
Gallons 2,158,099	7-Unit Plume	28.17
Gallons 2,977,300	5-Unit & X-749/ X-120 Plumes & PK Drainage	3.98



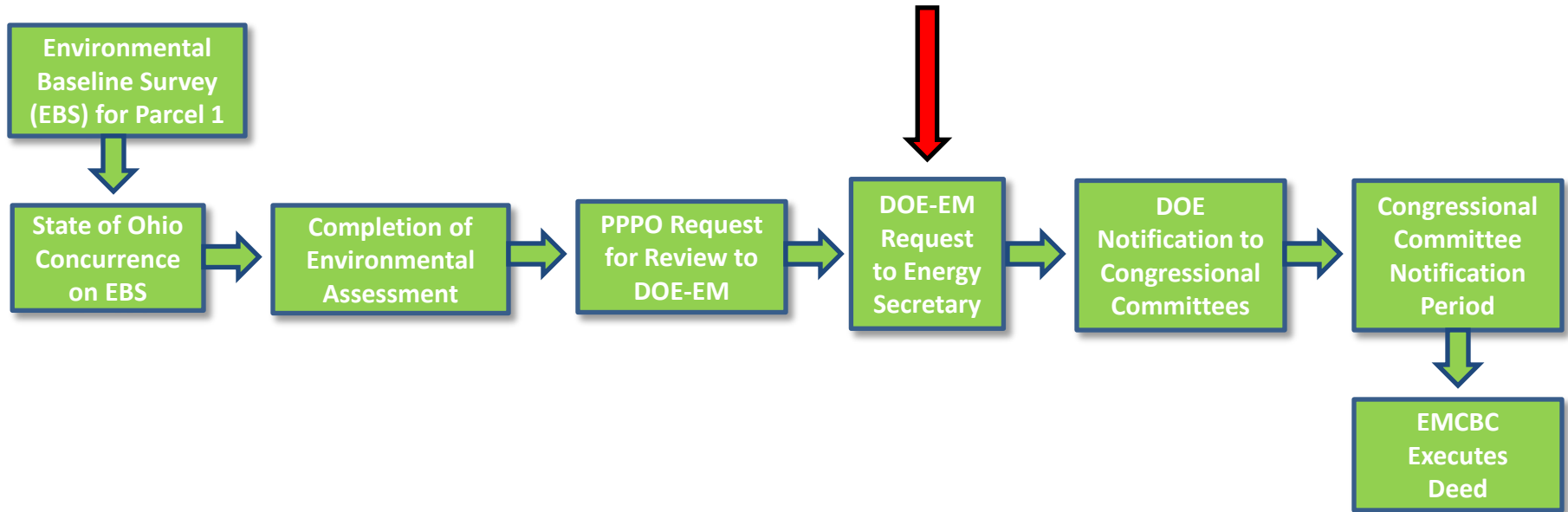
Future Use – First Property Transfer

- Parcel 1 Property Transfer package delivered to DOE-HQ in November
- Parcel 1 is about 80 acres and is scheduled for transfer to SODI in Spring 2018
- Requires DOE-HQ and Congressional approval
- Property a component of future reindustrialization
- Parcel 2 Sampling & Analysis Plan and Data Quality Objectives in development
- Communication with Ohio EPA on Parcel 2 under way





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



Ohio Department of Health



Carr D&D Tour w/Employees



Chillicothe Mayor and City Council Members



Community Outreach





Educational Outreach



FBP Now Taking Applications for Summer Internships

Fluor-BWXT Portsmouth LLC Career Portal website: <https://fluorbwcareers.silkroad.com>



Upcoming Outreach Events

- SSAB Full Board Meeting
Thursday, March 1, 2018
- Science Bowl VI
Friday, March 9, 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>*

WHAT IS A COMMUNITY REUSE ORGANIZATION (CRO)?



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- On September 27, 1991, President George H.W. Bush signed the first unilateral nuclear weapons reduction agreement signaling the end of the cold war.
- The United States Department of Energy (DOE) recognized the impact that this national transition would have on communities that had historically relied on jobs and industry related to nuclear production efforts.
- Through section 3161 of the Defense Authorization Act of 1993, DOE established a “community transition program” to provide grant funding to limit the economic impacts of the inevitable workforce restructuring.
- The grant funds could be used to establish “Community Reuse Organizations” or CRO’s whose primary function would be to act as the community voice and liaison to the DOE for economic development issues.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

ECONOMIC DEVELOPMENT

COMMUNITY
REPRESENTATION

WORKFORCE
RE-TRAINING
RE-EMPLOYMENT



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- CRO's are DOE designated organizations that serve three essential functions:
 - ❖ Collaboratively represent affected communities surrounding DOE sites
 - ❖ Promote opportunities for workforce re-training and restructuring
 - ❖ Support and coordinate the economic development of affected communities



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- Title 10 of the Code of Federal Regulations Part 770 allows for the transfer of real property to a CRO for economic development.
- Section 3155 of Public Law 103-160, the National Defense Authorization Act of 1994, authorizes the Secretary of Energy to transfer all rights, title and interest of the United States in and to personal property and equipment if the Secretary determines that such transfers will mitigate the adverse economic consequences that might otherwise arise from the restructuring of a DOE facility.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

THE CREATION OF
SOUTHERN OHIO
DIVERSIFICATION INITIATIVE
(SODI)



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- On July 8, 1997, Articles of Incorporation were filed creating SODI and SODI was designated by the DOE as the CRO.
- SODI was created as a nonprofit corporation and community improvement corporation pursuant to Chapters 1724 and 1702 of the Ohio Revised Code.
- The sole purpose of SODI is to advance, encourage, and promote the industrial, economic, commercial, and civic development of Pike, Jackson, Ross, and Scioto Counties.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- The area was selected because over 90% of the work force lived in Pike, Jackson, Ross, and Scioto Counties.
- Unlike the SSAB, DOE does not select or approve the members of the SODI Board.
- The SODI Board includes residents of the four counties, representatives of workers and guards unions, and a representative of the building trades.
- SODI receives no direct funding from DOE.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- Because the facility was still operating in 1997, SODI's board convinced DOE that it should provide grants for development of Industrial Parks and other projects not on the federal property.
- SODI has been engaged in each of the three functions previously mentioned for CRO'S:
 - ❖ Grants in the four counties
 - ❖ Grants for workforce training
 - ❖ Provided information and support for workforce funding both for operations of the enrichment facility and other activities, including clean-up activities.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

SODI ACTIVITIES



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- Asset Transition

- ❖ SODI has an agreement with DOE whereby excess personal property from the site is transferred to SODI.
- ❖ SODI's first goal is to find a political subdivision or a business that might need a particular piece of equipment or supplies. Ex: Latex gloves
- ❖ If the property is not readily available for reuse, it is sold to provide funding for SODI operations and projects in the counties.
- ❖ To the present, SODI has always provided funds in an equal amount to each county.
- ❖ SODI is audited by DOE to ensure compliance with all statutes, rules and regulations.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- Land Transfer

- ❖ It is anticipated that 80 acres of land inside Perimeter Road will be transferred to SODI in the first half of this calendar year.
- ❖ The original parcel was approximately 100 acres, however, it was determined that 20 acres required additional characterization.
- ❖ It is anticipated that the 20 acres and approximately another 200 acres across Perimeter Road will be available for transfer in the fall of this year.
- ❖ SODI will be requesting transfer of the additional property and any property that Centrus will not be using in the future.



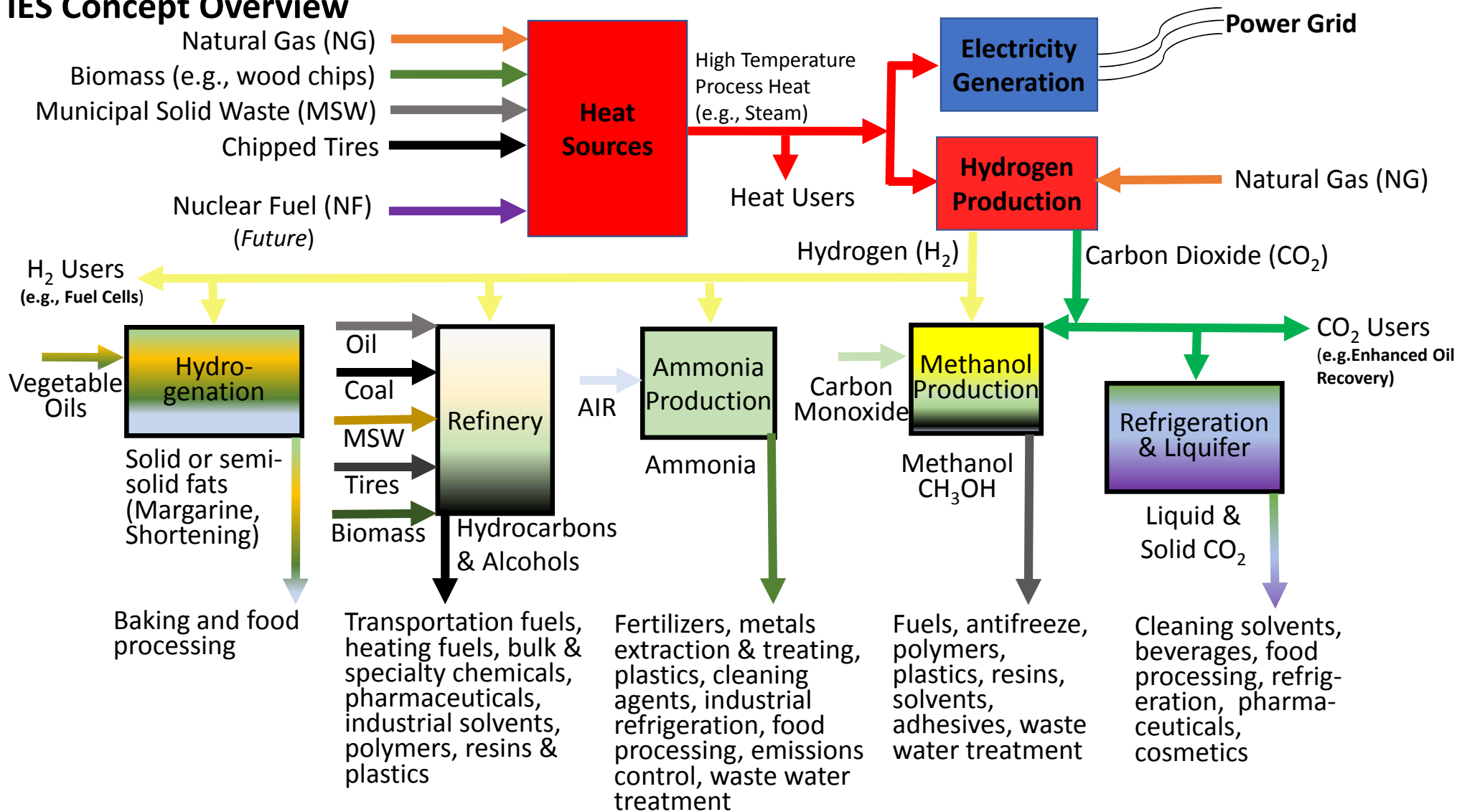
- Reindustrialization

- ❖ The community studies done by Ohio University indicate that the community would like to see reindustrialization of the site.
- ❖ A vision for the site helps support continued funding for clean-up of the site and assists DOE in planning the clean-up.
- ❖ Due to the massive infrastructure at the site, SODI has developed a concept for an integrated energy system (IES) that would support numerous industries at and around the site.
- ❖ Although SODI is pursuing the IES concept, the planning is designed for flexibility and the use of the property for various commercial or industrial uses.



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

IES Concept Overview



Southern Ohio Diversification Initiative (SODI) Integrated Energy System (IES)

- **Developing an overall plan for site reindustrialization**
- **Reindustrialization will occur in phases as property is transferred to SODI**
- **Optimize the parcel transfers and launch pilot projects that will commence the development of an Integrated Energy System (IES)**
- **Success will attract other partners**



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

NGNP Alliance

(Next Generation Nuclear Plant)



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- SODI has entered into a Memorandum of Understanding with the Next Generation Nuclear Plant (NGNP) Alliance to promote future uses at the site.
 - SODI was a project team member to prepare information for DOE regarding the construction and operation of a high temperature nuclear reactor.
- ❖ The Final Project Report concluded that of the 4 sites considered, “The feasibility analysis indicated that the site (Piketon) has the highest near-term potential for an advanced nuclear reactor siting based upon previous use, community redevelopment efforts, and the business case.”



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

Reindustrialization Study



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- SODI also worked with the Ohio University and Hicks Partners on a study to determine the issues SODI faces with reindustrialization of the site.
 - ❖ All information regarding the site was updated with the help of Joe Moore at RSI
 - ❖ Recommendations will be considered regarding the overall marketing of the site



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

THE FUTURE



SOUTHERN OHIO DIVERSIFICATION INITIATIVE

- The following activities are of utmost importance for reindustrialization:

- ❖ Land Transfer
- ❖ Development of Public Private Partnerships
- ❖ Continued DOE cooperation
- ❖ Continued support from SSAB
- ❖ Continuing dialogue with the community



SOUTHERN OHIO DIVERSIFICATION INITIATIVE



*Portsmouth EM Site Specific
Advisory Board*

Chair

Robert Berry

Vice Chair

Lisa Bennett

Carlton Cave

Board Members

Dr. Todd A. Burkitt

Bradley Burns

Maddeline C. Caudill

Al Don Cisco

Jody B. Crabtree

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Deputy Designated

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Joel Bradburne

DOE Federal Coordinator

Greg Simonton

SUPPORT SERVICES

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Recommendation 18-01

January 11, 2018

RECOMMENDATION 18-01: Portsmouth (PORTS) Environmental Management (EM) Site Specific Advisory Board (SSAB) Priorities for President's 2019 Budget Request

BACKGROUND: In recent years, the U.S. Department of Energy (DOE) Office of Environmental Management (EM) has requested input from advisory boards across the EM complex regarding community priorities as site budgets are formulated.

The PORTS EM SSAB recognizes that each community has a unique set of circumstances to consider when establishing priorities for large-scale projects. The circumstances surrounding the Portsmouth site, located in an economically depressed area of Appalachia, is an economic climate with high unemployment. Therefore, the focus for the PORTS EM SSAB is on workforce continuity, job creation, a local workforce development and training program that will prepare the next generation workforce for the energy and environmental technology industry. Our community is full of capable, dedicated professionals who understand our challenges and look for innovative ways to work with government and the private sector to improve the standard of living for people here.

The PORTS EM SSAB emphatically supports funding for the Portsmouth decontamination and decommissioning (D&D) project to maintain the current employment levels and complete activities that will result in an end state that provides land and buildings and maintains site infrastructure for reindustrialization to ensure workforce stability during and after the D&D project. It is with confidence, and these critical circumstances for the Portsmouth site in mind, that the PORTS EM SSAB makes the following recommendation.

RECOMMENDATION: The PORTS EM SSAB recommends DOE move forward on a closure fund site approach for the Portsmouth site as has been executed at other DOE sites. The Portsmouth site does not have extraordinary technical and environmental challenges. The threat to our D&D Project is one of stability based on potentially inconsistent funding levels, partly as a result of the reliance on uranium barter proceeds. The uranium barter proceeds have supplanted more than \$1B in funding for the PORTS D&D project and allowed the U.S. Congress to appropriate more than \$1B of taxpayer dollars that would have otherwise funded the PORTS D&D project to other sites in the complex.

By establishing Portsmouth as a closure fund site, the D&D project can move forward with certainty and more efficiency. This approach proved to be successful at the Fernald, and Mound facilities in southwest Ohio, and Rocky Flats in Colorado. The PORTS EM SSAB believes history shows the closure fund site approach will be successful at the Portsmouth site.

In addition to the closure fund approval, priorities for the PORTS EM SSAB community are listed below:

- Recover and recycle the nickel from all converters. We applaud DOE for its progress on segmentation activities and we look forward to those efforts continuing.
- Maintain and update infrastructure to support future reindustrialization. We recognize the collaborative efforts between DOE and the Portsmouth Community Reuse Organization, the Southern Ohio Diversification Initiative (SODI), including communication on infrastructure planning to best position the community for future economic success.
- Transfer property and establish utility use agreements between DOE and SODI to make property and utilities available to SODI for potential development. We want to thank DOE for its efforts related to Parcel 1 and believe it can be a catalyst for reindustrialization.
- Establish a robust robotics laboratory on or adjacent to the Portsmouth Site. The Portsmouth Site has shown it can be an excellent research and development venue in the area of robotics and a robotic laboratory would be a mutually-beneficial endeavor that could have complex-wide benefits and be a catalyst for the type of development that could assist in our redevelopment aspirations.
- Continue recycling efforts through the DOE-SODI Asset Transition Agreement. This program is providing SODI necessary resources to operate and continue its site repurposing activities.
- Support future workforce development and training programs that will prepare the next generation workforce for the D&D project, the region's energy and environmental technology industry, and future reindustrialization of the site.

The PORTS EM Board would like to thank DOE for soliciting this input. The value of the SSAB program and all programs where public engagement occurs is significant as evidenced by numerous examples across the EM complex of how communications with the public have benefitted DOE and stakeholders alike.

Thank you for your attention to the Portsmouth D&D project and recognizing its importance to southern Ohio.



PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

MINUTES OF THE THURSDAY, JANUARY 11, 2018, 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 Burkitt, Brad Burns, Jody Crabtree, 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, Carol Caudill, Brandon Greene, Carl Hartley, Charlene Payne

U.S. Department of Energy (DOE) and Contractors: Robert Edwards, Joel Bradburne, Greg Simonton, DOE; Rick Greene, Restoration Services, Inc. (RSI); Julie Galloway, Cindy Lewis, EHI Consultants (EHI); Jack Williams, Jill Thomson, Fluor-BWXT Portsmouth (FBP)

Liaisons: Shannon Dettmer, Sean Kubera, 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); Damon Detillion, Portsmouth Mission Alliance; Pat Marida, Sierra Club; Diana Cahall, Lee Blackburn, Joni Fearing, Mario Robles

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.

January Agenda:

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

- **Cave:** I make a motion to approve the January agenda.
- **Helton:** I second the motion.
 - **Motion carried, minutes approved**

November Minutes:

Roberts: Are there any modifications or proposed changes to the November minutes? Ronda, I owe you an apology, on the top of page 10 we misspelled your name. We will get that corrected.

Question/Comment:	Answer:
Foreman: I have a question. Some things I asked for back in November. The one was the Hazardous Waste Permit from Dustin. Did everyone get those? The other one was from Mr. Simonton.	Tschudy: I thought I e-mailed it. Roberts: I do not have a list of the action items in front of me, but I know we went through those last week and made sure everything that was requested was sent.

- **Burns:** I make a motion to approve the November minutes after the correction on page 10.
- **Crabtree:** I second the motion.
 - **Motion carried, minutes approved**

DDFO comments provided by Joel Bradburne, Site Lead, DOE:

- **PORTS Site Critical Walkways**
- **JIC and EOC Updated**
- **PORTS Intergrated Baseline**
- **D&D Progress-X-326 Deactivation**
- **D&D Progress-X-333 Deactivation**
- **Material Sizing Area**
- **Robotics Technology Development**
- **D&D Progress-Last Batch of Ash Leaves Portsmouth**
- **D&D Progress-Last Tanker of Dielectric Oil Leaves Portsmouth for Recycling**
- **OSWDF Construction**
- **Infrastructure Upgrades-Repairs to the X-333 HPFW System**

- **Infrastructure Upgrades-Replacing Weir Gates and Containment Booms**
- **Groundwater Cleanup**
- **Future Use-First Property Transfer**
- **DUF6 Conversion Plant Update**
- **Site Tours**
- **Community Outreach**
- **Educational Outreach**
- **Upcoming Outreach Events**

<i>Question/Comment:</i>	<i>Answer:</i>
<p><i>Foreman:</i> The segment ponds you talked about, I remember asking Dustin about them and if they are lined, he said lined with clay. Do they have liners in them?</p> <p>The only reason I asked is that when stuff is trucked into there I just want to make sure that we have protection in case there is something. We have had more rain this year. Protection for me would not be clay.</p> <p>I just want to make sure with EPA that they do the testing and everything, we do not want to take any chances.</p>	<p><i>Bradburne:</i> The segmentation ponds are just classic erosion ponds.</p> <p>When we get farther down the road, they will have more layers. These segmentation ponds are not part of the operations, they are just for the construction.</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: I wanted to fill in the blanks about property transfer and plead one more time for volunteers for the Science Bowl. Parcel one we just sent the second round to headquarters. Parcel two is around 225 acres. We have three volunteers so far for the Science Bowl and we will take more. Anyone that can find time to help on March 9th, we will take any volunteers.

<i>Question/Comment:</i>	<i>Answer:</i>
<p><i>Helton:</i> How many parcels do you expect to have when you are through?</p> <p>Right now, you have an 80 acre and a 225 acre how do you break it down?</p>	<p><i>Bradburne:</i> We broke it up in target areas. Instead of number of parcels, I think what we are shooting for is a smaller footprint. Right now, we are about 3700 acres. We would like to reduce the federal footprint down to about 400 acres.</p> <p>We looked at what was available and we worked with SODI. They may find 25 acres, we look at what is around it and if</p>

<p>Each time you have a parcel you have to go through the same procedures.</p>	<p>that piece of real estate will be impacted or not.</p> <p>Yes, that is correct.</p> <p>Simonton: The first parcel was easy and we are about two and a half years into it.</p>
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Liaison comments provided by Shannon Dettmer, ODH:

Dettmer: This is Sean Kubera he will be the ODH full-time person.

Liaison comments provided by Dustin Tschudy, OEPA:

Tschudy: Working on document reviews. We are expecting to have comments out by the end of the month. Also working on remedial action workplan. Those are the two main documents we are working on right now. This will likely be my last full board meeting, I am switching positions internally.

SODI Activities by Kevin Shoemaker, SODI:

- **What Is a Community Reuse Organization (CRO)?**
- **The Creation of Southern Ohio Diversification Initiative (SODI)**
- **SODI Activities**
- **Asset Transition**
- **Land Transfer**
- **Reindustrialization**
- **IES Concept Overview**
- **Integrated Energy System (IES)**
- **NGNP Alliance**
- **Reindustrialization Study**
- **The Future**

Question/Comment:	Answer:
<p>Foreman: In the beginning who was the person that initiated this private charter? What I am saying is how would a person go in with a group of friends and say we want to be the community reuse group and set a charter like you are talking about because we live here?</p>	<p>Shoemaker: Well, what happened at the time was Mr. Simonton was one of the folks involved in that process, Randy Runyon who lived in the county, I think Blaine Beekman, Mr. Wells from Scioto County was one of the original incorporators of the organization. We started an organization that had representation from the four counties, made sure there was labor representation to represent the labor folks. Anybody back then I suppose could have set up an organization.</p>

<p>You said that you are private, right? Your books are not open to the public.</p> <p>Mr. Shoemaker, my vision to the future would be instead of spreading the money out since you are going to get land transfer, you might want to keep that in the pool for land development for something real. I am just saying that because what I am seeing now is if we are going to get assets you will need matching money.</p> <p>That document you said you had, do you have that in a format you could send us a link on the e-mail or something? Could you get that to Julie so she can share it?</p>	<p>We have always had them as though we are. We have always had people on the board who were elected officials so we have kept everything open. The meetings are open you are welcome to come. If you have any questions about where money was spent, we have records you can go back and see where it has gone. Stop over and see us anytime.</p> <p>I will tell you something that will encourage everyone in this room. The people on the SODI board have raised that issue and bringing those discussions to the board and those members are all from outside Pike County.</p> <p>Yes absolutely, we will get that to you.</p>
<p>Smalley: I worked in chlorine generation and we had HF pigs and stuff and we generated some of the strongest chlorine. We had the by-product of hydrogen, but we did not really utilize it. It is interesting that it is on that list. I just read where we are shutting down a lot of our nuclear facility and we never coordinated assembly, where it had different parts. It did say that foreign countries like France, China, Korea and some of these other countries are doing as you said, the small type nuclear facilities. It is a different reactor. It uses different systems. That is interesting.</p>	<p>Shoemaker: Polden is looking to do this, where they would use nuclear to create enough heat to run their industries, plus heat the homes in the towns. So, they can get out from under the Russian oil that they have to purchase. That is why people are so interested in teaming with the U.S. to take a look at how this would work.</p>
<p>Quillen: In 1991, I was a displaced worker at the A-plant. I got to go back to school and legal assistance paid for me to go back to school, as a Pike County resident, I got to go to Shawnee State. They told me it came from SODI, but I never did understand how or why, but it</p>	<p>Shoemaker: It was so kind of you to say that because sometimes when you do all these things, we wonder if we are touching people. I appreciate you saying that.</p>

<p>allowed me to after 24 years of working out there to get the education and experience to get me the job where I am now. Thank you.</p>	
<p>Simonton: I just want to say one thing about the SODI funding. When doing a project that has grant funds. Grant funds have many strings attached, there is only certain things you can do with it. SODI's money is flexible, there are no strings attached so they are able to help fund things that the grants will not allow. One of the other things was helping the displaced workers get an education.</p>	<p>Kinnamon: The innovativeness and creativeness that has come out of Pike County over the years has been more than anywhere else has. I mean this seriously, people say Ronda why do you say this. It is because it is true. The innovativeness and creativeness coming out of people working in Pike County doing some of these crazy wild things. Taking a chance risking everything and making it work has affected probably everyone here, and you have no idea of this, I mean that honestly. It is true.</p>

Administrative Issues:

Board Consideration on Recommendation 18-01 by Judy Vollrath:

<p>Kinnamon: I came into the meeting tonight and said I would like to take out the first bullet and discuss it as a separate issue to allow this recommendation to be passed tonight. Because there has been a large amount of discussion among other government amenities, individuals, different organizations. A number of questions, thoughts and opinions, so I felt a responsibility to further look at that recommendation to gain additional information on the cell itself, and in addition to that, it kind of opens up some other things about of things with the budget committee. Knowing that funding is such and such an amount as to the allocation of the work force. What are the numbers, I hear numbers, but I really did not know numbers and who that work force is. How they will be allocated if certain things move forward on the cell and how that affects D&D. If so, I want to know how it will be</p>	
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<p>affected. What is the work force plan? Due to those unanswered questions. I think everyone at the table said yes they had been feeling the same way. I think that was the feedback I received. Therefore, we elected to take that bullet and deal with it as a separate issue for recommendation.</p>	
<p>Vollrath: Eric, didn't we say we would add the word future workforce to the last bullet.</p>	<p>Roberts: Yes, we did. We will add that, so that bullet should read "support future workforce."</p>
<p>Foreman: I want my children to have a future. I would like to see workforce development.</p>	

Berry: I would like to make a motion that we proceed with this recommendation with the correction. **Thomas-Kent:** I would like to second the motion.

Public Comments:

Marida: This recommendation looks like a DOE wish list. I am afraid that DOE sometimes does not explain things with everything that is going on as well as they might to the SSAB when you are talking about some of these industrial activities. They might be bringing in a lot of dirty energy into this area, you might want to consider what they might have brought in. The nickel is from the converters, these converters are very special equipment. We have been in consultation with some engineers so even the process that was used in these converters, even the experts do not know how this was done. There is a reason why the robots are needed and that is because it is so very highly radioactive. Right now, the nickel recycling is illegal, it was made illegal under the Clinton administration, now that could be changed with a stroke of a pen. The reason it was made illegal is because putting radioactive metal into the recycle metal stream would make people fearful of using recycled metals. Would you want a recycled watch band, would you want a radioactive belt buckle? It would really hurt the recycled metal industry. I was very interested in hearing what is going on with SODI.

Fearing: First, I want to thank all of you, I know what this means, the sacrifices, time and energy that you make. I got involved with this issue in 2004. I had to step away for a while because it was too painful, but when I heard about the dump, I knew I had to step up again and talk about it. The Chillicothe officials put out a resolution that they do not want a toxic waste dump here. For those of you who may or may not be aware, money was put into a trust when this plant was built for cleanup. A bunch of that money was reallocated by George W. Bush so the money that you are fighting for you are getting back. It was already yours for cleanup, that puts a little bit of a different twist on this, doesn't it? And you just heard a lawyer say, you can't trust the government. I feel strongly that we need to reopen the ROD, because I

know that the residents here do not want a dump here, a radioactive waste repository. We have put our fair share into the Cold War. The rest of the country needs to step up too and take some of the burden from us. That billion dollars they keep talking about, do not let them hold you hostage. The money was already promised and they cannot take it away and say we will not clean up your site unless you agree to take a dump.

Cahall: I have a question, by establishing Portsmouth as a closure fund site has DOE declared the Portsmouth site as a closure site? If it has not been declared a closure site then I would recommend that the board explore the steps that are required by DOE to be a closure site. They are broad and general, but they do require certain steps by an entity who outlines a vision for what they think the site should be when DOE exits. That would give you an opportunity to talk about what you envision for the site rather than letting some private company buy 80 acres, another 200 acres and another 200 acres and saying “ok folks here is what you are going to get.” Check out what it takes to be a closure site and do not just take the money part of it.

Board Comments: None

Motion approved (13 approved, 0 opposed, 0 abstained, 0 recused)

Subcommittee Updates:

Budget and Lifecycle Planning Subcommittee Update by Judy Vollrath:

The Budget and Lifecycle Planning Subcommittee met on November 14. The purpose of the meeting was to discuss SSAB Budget Priorities and worked on Recommendation 18-01.

D&D/Remediation Subcommittee Update by Al Don Cisco:

Cisco: The D&D/Remediation Subcommittee met on November 14. The purpose of the meeting was to give the subcommittee updates on the DUF6 restart.

Future Use Subcommittee Update by Dennis Foreman:

Foreman: The Future Use Subcommittee met on November 14. The purpose of the meeting was to have a subcommittee update on Site Rail.

Historic Legacy & Community Engagement Subcommittee Update:

Roberts: The Historic Legacy & Community Engagement Subcommittee met on November 14. The purpose of the meeting was to give the subcommittee an overview on Christmas Gifts for Children.

Public Comment:

Blackburn: I am a former board member. I would like to defer my time, this time to the next person on the list.

Cahall: What I would like to say does not have much to do with what we have discussed here tonight. The Ohio EPA is doing a public meeting on February 1 for the mercury variance at the Piketon plant. It is a public meeting where people can get their questions answered. I hope that they can tell us a little bit about why they are getting a spike in the mercury readings and what they are going to do to try to find out. It is February 1 at 6 p.m. in the Piketon School cafeteria. It is always good for people to be interested in what is going on at the plant.

Marida: I passed out information from Ohio EPA. The Sierra Club and Mayor Billy Spencer both requested this public meeting and we just want more information from DOE on where this mercury is coming from. We would really like to know where are your records, where is your inventory, where did this mercury come from? I know some of it came from instruments that contain mercury. Some may have come from coal burning from the air. It all of a sudden just spiked. We would like to make sure that this is well monitored before they just go ahead and dump it. The other thing is on the agenda I do not see the moderator's name. I think the moderator's name should be on the agenda. And you know the last time I tried to speak and they cut me off at three minutes and I couldn't finish what I was going to say, but maybe you would like to review the by-laws on public comments, depending on how many people are here that want to speak, if there is 40 people here wanting to speak that is one thing. What exactly is the moderator's role? One of the concerns that I have is this is the Site Specific Advisory Board so technically the board chair would be up there leading the discussion and making decisions and it would appear that someone else is doing this whether that is good or bad. It is up to you to decide if it is a problem or not. However, the board chair really should be making these decisions on how many speakers there are and time allowed. It would be good to not just have a moderator doing that.

Fearing: I want to thank you, thank you for your patience with me. I want to pick up on something that was just said on the mercury. I am not up to date on that anymore, but I do know that the site has to have tons of it. Because the gaseous diffusion plant was operated by a fully functioning energy plant that only ran the nuclear plant.. I want to get back to the future use, when I saw that chart, I could not believe it. The only thing positive on that list is vegetable oil. We are cleaning up a site that was used by coal and nuclear for 60 years. We are cleaning that all up to bring in a bunch of garbage? I am stunned. My question that I could not ask is what are they doing at the Mound facility? Fernald is a nature preserve, Mound is an industrial park. They did clean it up to industrial standards. That was my hope, it has always been my vision to bring in cleaner industry. Things like building solar panels or windmills just as an example. I also work very close with Secretary Brown's office. When I was doing this work here, that was one of the things I kept stressing, that we have made sacrifices, this was the jewel of Ohio. We have made sacrifices. We have lost thousands of people to cancer and other illnesses. We lost many families that had to move away. You all have an opportunity now. You are in a very important place right now in your seats to do it right for the future generations

in this area. We have done more than our fair share, why cannot we do something nice?

Final Comments from the board:

Smalley: I want to concur with Dennis. I was fascinated with that railroad thing too. It was all about the total infrastructure, our highways, water, electric, and railroads. All that is important, not just the railroads, it is all important.

Foreman: Something in the state of Tennessee Department of Environmental Conservation, they are having problems with mercury. So there is a problem, there is a letter right here, I have a copy of it. I do not know if some of you are aware of it, Mr. Tschudy, Mr. Schneider, Mr. Edwards, but you should be. There are concerns down there and they are saying that there is a high level of mercury and that is an issue. When I see these things, I can give a copy to Julie to share with the board. I also shared something with you that I gave to Julie and Cindy earlier about the commitments when there never was a real commitment on a few things from Craig Butler. Something about UK testing our liner system and that was the U.S. EPA, so when people sometimes doubt things like the third-party assessment, people say well that is a lobbyist, contractors are lobbyists, too. When I got a letter from the U.S. EPA, it about made my jaw drop. We have one chance to do the right thing. We are a poor area, no one is going to come back and do a redo. I want to do the right thing and leave this area better than we found it, because these children deserve a future. The one thing that Mr. Butler messed up on his letter to us dated December 6, he just says Perimeter Road, when you are going to clean up the site, the perimeter here is DOE's boundary. The dirtiest ones are outside Perimeter Road. So do not throw us a bone and clean up a couple of easy ones. Clean them all up. You should not be afraid to ask any questions that you want.

Berry: I would like to thank the public who came and spoke tonight. We are not in any way trying to keep you from voicing your opinions. We set a time of 15 minutes for public comment and try to divide that among those who want to speak. I know you may have more that you want to say, but we have a time constraint to keep it concise. We are not trying to silence anyone or not let you have your say. Another issue as to what comes here in the future, we are trying to transfer this acreage once that is transferred to SODI, the plant and the board will have no say into what goes in there. SODI is actively seeking whatever they can get to come in there. Whether it is a test plant or nuclear plant, it will not be the federal government putting it there. It will be a private entity. Whatever comes in there will be a private entity. We are hopeful. We may get some training facility from the government. However, at this time we have no promise or guarantee of that.

Foremen: I am agreeing with Mr. Berry about SODI. There are limitations that maybe these people do not know about. There are limitations to the land use. You cannot put houses there.

Roberts: We will take a quick second to recognize Shannon Dettmer, ODH Dustin Tschudy, Ohio EPA for their time to the board.

Berry: Adjourned

Next Meeting: March 1, 2018

Action Items:

- The SODI presentation at the January full board meeting, and SODI's incorporation documents that were referenced in the presentation
- Final Project Report regarding the siting study
- Some documents from Ohio University's presentation from the December Educational Workshop
- Environmental Assessment related to the Parcel 1 transfer
- EHI to mail out Recommendation 18-01