



Portsmouth EM Site Specific
Advisory Board

Chair

Richard H. Snyder

Vice-Chair

Larry A. Parker

Subcommittee Members

Shirley A. Bandy

L. Gene Brushart

Franklin H. Halstead

William F. Henderson II

Michael J. Lilly

Michael E. Payton

Terri Ann Smith

DOE Deputy Designated

Federal Officer

Joel Bradburne

DOE Federal Coordinator

Greg Simonton

**Community Involvement
Subcommittee
February 8, 2011 @ 4:30 p.m. Room 165
Agenda**

- Continued development of Speakers' Bureau presentation.
- Discussion of Interrelationship of SODI activities related to the SSAB scope
- Discussion
- Path forward
- Public Comments

Adjourn



Support Services

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Community Involvement Subcommittee

Meeting Summary

February 8, 2011 • 4:30 p.m.

The Ohio State University Endeavor Center

1862 Shyville Road, Piketon, OH 45661

Room # 165

Subcommittee Members Present: Gene Brushhart, Frank Halstead, Terri Ann Smith, Will Henderson, and Shirley Bandy

SSAB Members Absent: Michael Lilly and Michael Payton

Board Members Present: Richard Snyder and Larry Parker

U.S. Department of Energy (DOE) Representatives: Greg Simonton, DOE; Rick Greene, RSI

Support Staff: Julie Galloway, EHI

Brushhart, Board Chair, opened the meeting.

1. Continued development of Speakers' Bureau presentation:

Henderson stated the group picture on slide 11 needs to be updated. There also needs to be a slide titled achievements about D&D and a picture to go along with the project. The fact sheet that was developed needs to be either a bi-fold or a tri-fold. If this is added to the website, add a protection to the document.

Snyder stated that the chair and vice chair need to be added to the contact list on slide 17. The presentation needs to be linked on the SSAB website.

Brushhart stated that the presentation needs to be approved by the full Board. The Subcommittee voted the presentation with changes would be submitted to the Board.

2. Discussion of Interrelationship of SODI activities related to the SSAB scope:

Snyder stated that Larry and he had a briefing with Steve Shepherd the executive director of SODI on their current projects. SODI is trying to get metals from the site to recycle them. Fifty percent of the proceeds go back into the community through SODI and the other fifty percent goes to the U.S Treasury.

Simonton stated that it is necessary to continue dialogue between SODI and the SSAB. The recycling agreement between the department and SODI was established in 2009. First SODI has to find a place that can use the scrap.

Galanti stated that the 533 is a waste pile and we do not allow piles of waste to just sit there because it is considered not clean.

Smith asked who benefits from it financially.

Galanti stated SODI was created to help DOE put back into the community.

3. Discussion

Simonton stated the department is trying to develop a science day that will allow students in the 11th grade in the surrounding counties to visit the site. This will include technology demonstrations, talking with project managers, driving tour around perimeter road, etc.

Howe stated that OU has received a grant from the DOE to work with the surrounding counties to determine what the best end use would be for the site. We have a kickoff meeting on March 15th and 17th. I encourage everyone to come.

Brushart stated that there is great concern about ODOT removing the traffic light at the 32 and Shyville intersection due to the potential risk if waste is being transported off site.

4. Path Forward

Brushart stated the Speakers Bureau presentation would be sent to the Board for their approval.

5. Action Items

1. EHI will change group picture in slide 11 to the most recent one.
2. EHI will add the chair and vice chair to the contact list on slide 17
3. EHI will post the presentation to the website.
4. EHI will develop the fact sheet to a bi-fold document.

MISSION STATEMENT

The Portsmouth Environmental Management (EM) Site Specific Advisory Board mission is to provide advice and recommendations concerning the following EM site specific issues.

- Environmental Restoration
- Waste Disposition
- Recycling
- Future Land Use and Long Term Stewardship
- The Board may also be asked to provide advice and recommendations on any other EM projects or issues.



SSAB MEETING FORMAT

FULL BOARD MEETINGS are the first Thursday of every other month. They are intended to communicate business of the SSAB and discuss and vote on recommendations to be submitted to DOE.

SUBCOMMITTEE MEETINGS are the second Tuesday of every other month. There are four groups that focus on various topics related to site cleanup and prepare recommendations for the full Board.



FULL BOARD MEETINGS are the first Thursday of every other month. They are intended to communicate business of the SSAB and discuss and vote on recommendations to be submitted to DOE.



HOW TO GET INVOLVED

For more information on how to become a member of the PORTS EM SSAB, please contact the SSAB office.

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FAX: 740.289.1578
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<http://www.ports-ssab.energy.gov>

PORTSMOUTH EM SITE SPECIFIC ADVISORY BOARD

PORTS EM SSAB FACT SHEET

2011 WORK PLAN The SSAB is comprised of four subcommittees-Community Involvement, Historical Preservation and Legacy, Future D&D/Recycling and Waste Disposition. Below are issues being address by each subcommittee.

COMMUNITY INVOLVEMENT
DOE Site Tours, Speakers Bureau, and Interaction with SODI and Ohio University

HISTORICAL PRESERVATION AND LEGACY
Investigating museum/educational facilities, Oral History input, and Future land use possibilities

FUTURE D&D/RECYCLING D&D sequencing, Regulatory requirements, and Recycling opportunities

WASTE DISPOSITION Siting Alternatives for potential on-site waste disposal facility, and Waste acceptance criteria



RECOMMENDATIONS The primary mission of the Board is to provide recommendations on major issues regarding environmental restoration, waste disposition, and related clean-up activities to the DOE. The Board developed three in 2009 and six in 2010.



Portsmouth EM Site Specific Advisory Board

Speakers Bureau Presentation



Background

The Portsmouth Gaseous Diffusion Plant was built from 1952-1956 as the last of three gaseous diffusion plants constructed to enrich uranium for the nation's nuclear weapons program and later for commercial nuclear reactors.

- ❑ First plant was the K-25 plant located in Oak Ridge, Tennessee, which ceased operations in 1985.
The site is undergoing D&D.
- ❑ Second plant, located in Paducah, Kentucky, is currently enriching uranium for commercial nuclear reactors and is operated by the United States Enrichment Corporation (USEC).
- ❑ Portsmouth facility ceased operation in May 2001.



Background



- ❑ In order to provide electrical power for the plant, the government contracted with 15 private utility companies, which formed two new companies to build and operate generating plants in Cheshire, Ohio, and Madison, Ind.
- ❑ They provided a whopping 2.2 million kilowatts around the clock, totaling 15 trillion kilowatts a year. That was more usage than the states of Kentucky and Indiana combined.
- ❑ The power utilized at the Portsmouth Gaseous Diffusion Plant accounted for 3 percent of the nation's total energy consumption and was more than the output of the Hoover Dam.

Background

- ❑ During peak production, a large amount of water was needed for daily operation.
- ❑ More than 500,000,000 gallons of water (enough to fill over 750 Olympic size swimming pools) circulated daily to cool the process equipment.
- ❑ About 20,000,000 gallons of water evaporated daily.
- ❑ Four million gallons of potable water were consumed daily.



Water vapor is discharged out of the cooling tower complex (top right). The water treatment plant is shown in the center.



WHO WE ARE. The Advisory Board is a sub-element of the Department of Energy's Environmental Management (EM) Advisory Board. The Board is chartered under the Federal Advisory Committee Act. The PORTS EM SSAB is a nonpartisan, broadly representative five surrounding counties, organization consisting of a balanced mix of diverse interests with concerns related to the Portsmouth Site EM activities.

HOW WE HELP. Ensure high quality, timely, meaningful, and effective public participation in decisions regarding environmental management and related DOE activities at the Portsmouth Site.

LOCATION. The Advisory Board office is located in the OSU Endeavor Center on Shyville Road in Piketon. You can also visit our website <http://www.ports-ssab.energy.gov>



SSAB Network



The Portsmouth SSAB is a board that represents the public and assists DOE with key decisions related to the Portsmouth Gaseous Diffusion Plant.

Portsmouth/Paducah Project Office
 William Murphie, Lexington, KY
Manager
 Vince Adams, Portsmouth
Site Director
 Joel Bradburne, Portsmouth
Deputy Designated Federal Official
 Greg Simonton, Portsmouth
Federal Coordinator



Michael Logan
RSI Program Director
 Rick Greene
Communications Specialist



Eric Roberts, *Project Director*
 Julie Galloway, *Project Manager*
 Cindy Lewis, *Administrative Assistant*

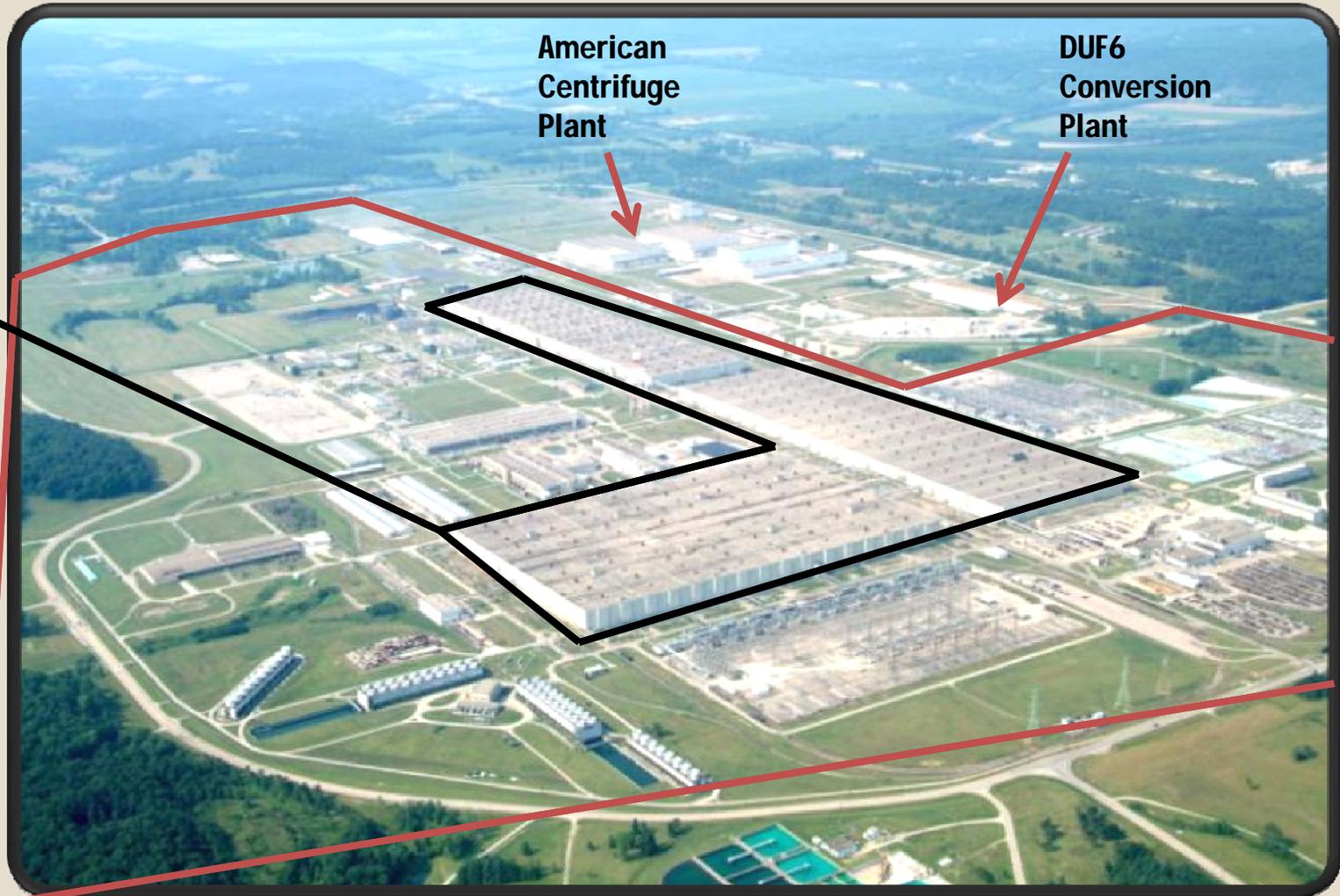
Citizens Advisory Board

The Federal Advisory Committee Act (FACA) became law in 1972 and is the legal foundation defining how federal advisory committees operate. Several such committees, like the Portsmouth SSAB, exist across the country.



LAND USE AT THE SITE. DOE shares industrial land use of the federal reservation with other private entities.

The Three Process Buildings have enough floor space to cover 316 football fields



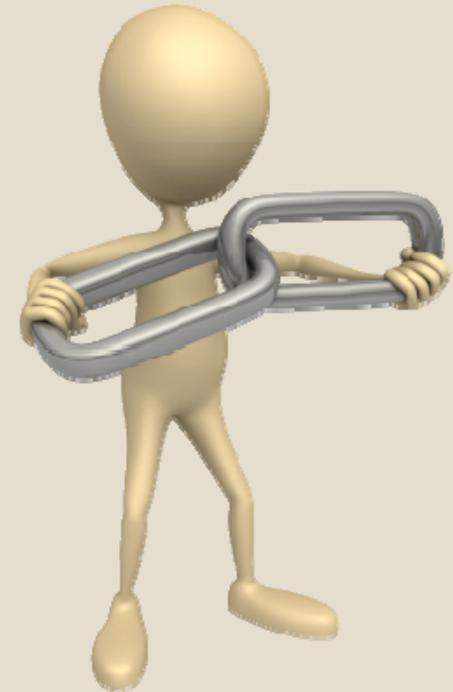
Gaseous Diffusion Plant



Mission

The Portsmouth SSAB mission is to provide advice and recommendations concerning the following EM site-specific issues:

- Environmental Restoration
- Waste Management (D&D)
- Recycling
- Future Land Use and Long Term Stewardship.
- The Board may also be asked to provide advice and recommendations on any other EM projects or issues.





The Board consists of the following community members who represent government, education, development, retirees and other aspects of the private sector:

Shirley Bandy-Pike County
Gene Brushart-Pike County
Lindy Coleman-Scioto County
Martha Cosby-Jackson County
Ervin Craft-Scioto County
Val Francis-Pike County
Frank Halstead-Scioto County
William Henderson-Pike County

Brian Huber- Pike County
Michael Lilly-Pike County
Sharon Manson-Pike County
Dan Minter-Pike County
Daniel Moore-Jackson County
Larry Parker-Pike County
Michael Payton-Scioto County
Cristy Renner-Ross County

Roger Scaggs-Pike County
Terri Smith-Cabell County
Richard Snyder-Ross County



Organizational Chart



DOE-EM DESIGNATED FEDERAL OFFICIAL – Catherine Brennan

DOE DEPUTY DESIGNATED FEDERAL OFFICIAL – Joel Bradburne

DOE FEDERAL OFFICER – Greg Simonton

SSAB LEADERSHIP
CHAIRMAN – Richard Snyder
VICE CHAIRMAN – Larry Parker

SUPPORT CONTRACTORS

REGULATORS



RESTORATION SERVICES, INC.

ED HOLMES, INC.

OHIO ENVIRONMENTAL PROTECTION AGENCY

OHIO DEPARTMENT OF HEALTH

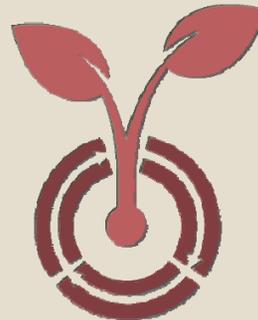
SSAB SUBCOMMITTEES

COMMUNITY INVOLVEMENT

FUTURE D&D/ RECYCLING

HISTORICAL PRESERVATION

WASTE DISPOSITION



CHAIRMAN
Gene Brushart
VICE CHAIRMAN
Will Henderson
MEMBERS
Shirley Bandy
Michael Lilly
Michael Payton
Terri Ann Smith
Frank Halstead

CHAIRMAN
Roger Scaggs
VICE CHAIRMAN
Cristy Renner
MEMBERS
Lindy Coleman
Martha Cosby
Ervin Craft
Val Francis
Brian Huber
Sharon Manson
Daniel Moore

CHAIRMAN
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VICE CHAIRMAN
Brian Huber
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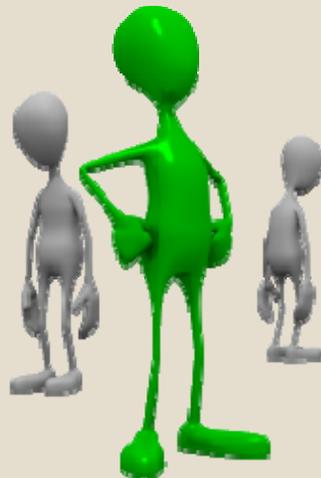
Regulatory Framework

The site is highly-regulated, where federal laws and regulations are strictly enforced. In addition, orders and policies from DOE, the Nuclear Regulatory Commission (NRC), the U.S. Environmental Protection Agency (EPA), the Ohio EPA (OEPA), and the Occupational Safety and Health Administration (OSHA) are also implemented. Among the laws are the:

- Energy Policy Act
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
- Resource Conservation and Recovery Act (RCRA)
- Toxic Substances Control Act (TSCA)
- Hazardous and Solid Waste Amendments (HSWA)
- National Environmental Policy Act (NEPA)
- National Historic Preservation Act (NHPA)

OhioEPA

- In 1989, the U.S. EPA and the Ohio EPA entered into a Consent Agreement with DOE that outlined DOE's responsibilities for contamination cleanup.
- In 1997, an Administrative Order streamlined remediation efforts and established Ohio EPA as the regulator overseeing day-to-day remediation activities.
- In 2010, Ohio EPA issued the Director's Final Findings and Orders (DFF&O) that institute guidelines for the site D&D.



SSAB Format

FULL BOARD MEETINGS

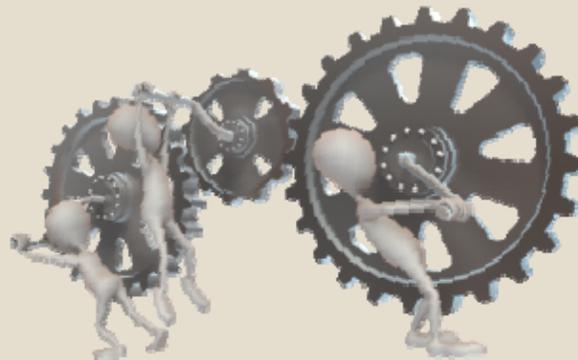
The Portsmouth SSAB has full board meetings the first Thursday of every other month. They are intended to communicate the business of the SSAB and discuss and vote on recommendations to be submitted to DOE.

SUBCOMMITTEE MEETINGS

The Portsmouth SSAB is comprised of four subcommittees, which meet the second Tuesday of every other month. Members focus on various topics related to site cleanup and prepare recommendations for the full board.

WORK SESSIONS

Subcommittee work sessions are scheduled on the second Tuesday of every other month opposite the full board and subcommittee meetings. Work sessions are designed to assist in the development of recommendations.



2011 Work Plan

The Portsmouth SSAB is comprised of four subcommittees – Community Involvement, Historical Preservation and Legacy, Future D&D/Recycling and Waste Disposition. Below are issues being address by each subcommittee.

Community Involvement

- DOE Site Tours*
- Speakers Bureau*
- Interaction with SODI and Ohio University*

Historical Preservation and Legacy

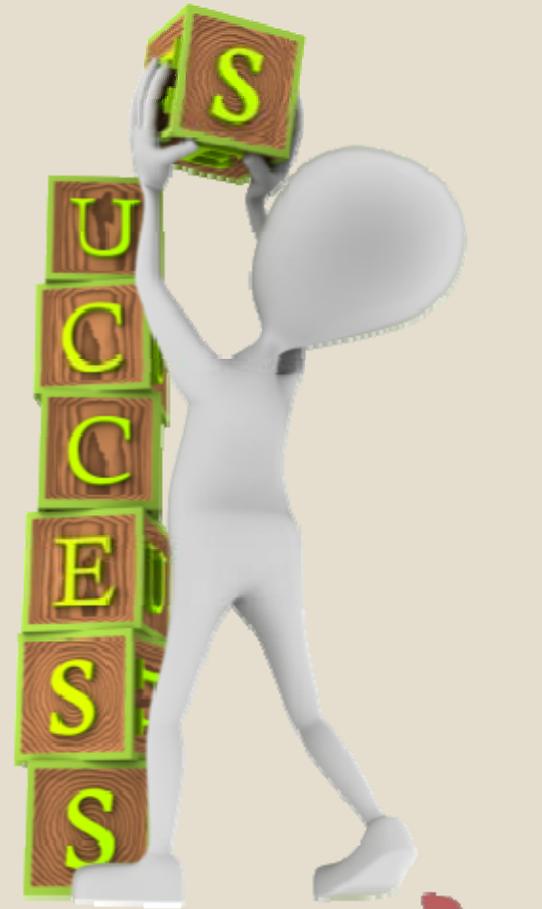
- Investigating museum/educational facilities*
- NHPA compliance*
- Oral history input*
- Future land use possibilities*

Future D&D/Recycling

- D&D sequencing*
- Regulatory requirements*
- Recycling opportunities*

Waste Disposition

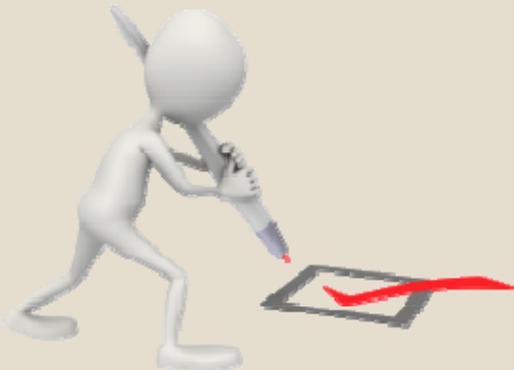
- Siting alternatives for potential on-site waste disposal facility*
- Waste acceptance criteria*
- RI/FS Work Plan input*



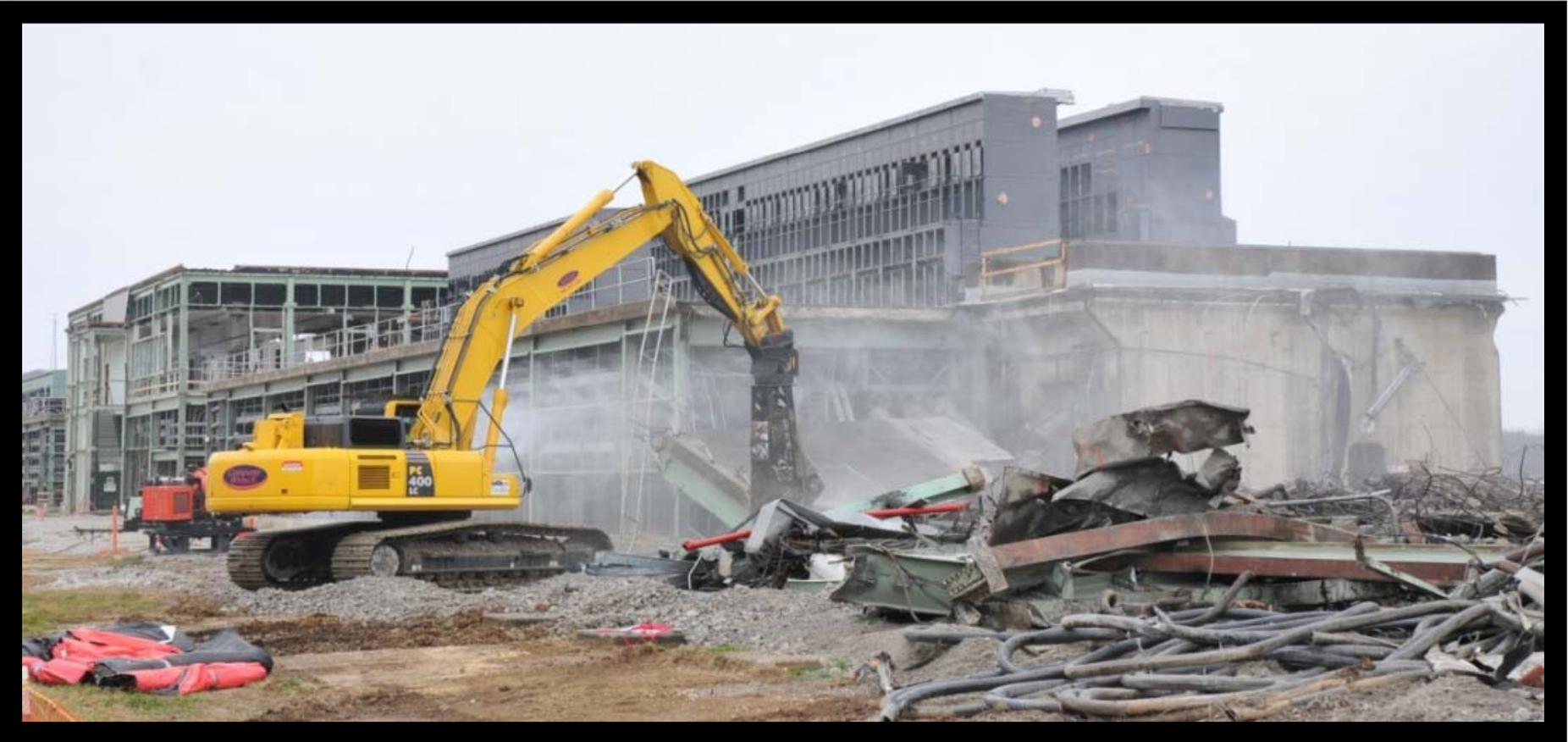
Recommendation/End Results

The primary mission of the Board is to provide recommendations on major issues regarding environmental restoration, waste disposition, and related clean-up activities to the DOE. The Board recommended that there be an Ohio based institution to conduct an extensive, community wide End Use Study for the site.

DOE hired the Voinovich School of Ohio University to conduct this study recommended by the Board. The study will integrate public, regulatory, and technical community visions for the future of the Portsmouth site.



D&D Achievements



A section of roofing from the X-533 East Switch House is removed by LPP personnel. A concrete structure that once supported a synchronous condenser is pictured in the foreground, while two of 13 switchgears are visible atop the switch house.

Contact List

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Richard Snyder

PORTS SSAB Chair

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Email: dicksnyder@roadrunner.com

Larry Parker

PORTS SSAB Vice Chair

Phone: 740.947.7857

Email: par420@frontier.com



How to get Involved

For more information on how to become a member of the Portsmouth Site Specific Advisory Board, please contact the SSAB Office – located at The Ohio State University Endeavor Center in Piketon, Ohio.



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