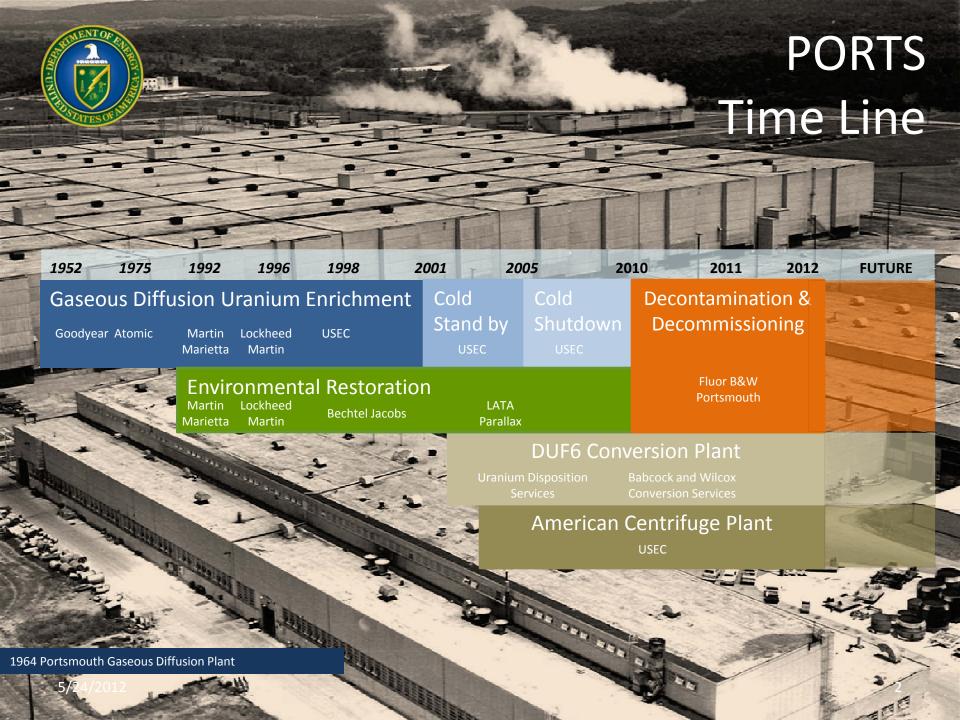


# Recording History at the Portsmouth Gaseous Diffusion Plant

Consulting Party Meeting
May 24, 2012

1954 Construction of Portsmouth Gaseous Diffusion Plant







## D&D Contract Scope of Work

- Decontaminate and Decommission (D&D)
   more than 400 facilities, associated material
   inventories, and process equipment.
- Remediate more than 600,000 yd<sup>3</sup> of contaminated soil and groundwater.
- Dispose waste generated by D&D project.
- Release suitable land for reuse.

2006 Portsmouth Gaseous Diffusion Plant



## Three Components of PORTS History

- Prehistoric
  - Farmsteads & Cemeteries
  - Cold War/DOE-Built Environment

2006 Portsmouth Gaseous Diffusion Plant



## Prehistoric



## Identifying Prehistoric Properties

#### DOE completed the following:

- ✓ National Historic Preservation Act Section 110 Survey using LiDAR technology to identify prehistoric Native American Mounds at the Portsmouth Gaseous Diffusion Plant.
- ✓ A Resource Document to consolidate the extensive information that has been developed over time by a variety of archeologists and other subject matter experts on earthworks and mounds in the Scioto River Valley.

- •Earthworks and mounds have been identified near the PORTS property.
- •No documented and confirmed prehistoric mounds or earthworks are located on PORTS property.



The Seal Township Works



## Identifying Prehistoric Properties



### DOE is conducting Phase I Surveys in areas outside Perimeter Road

Consultation/
Public Involvement
Opportunity

- •Are there areas of cultural or religious significance?
- •Other ideas?

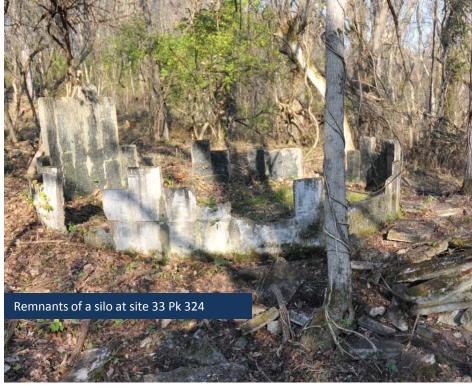


## Identifying Farmsteads and Cemeteries

#### **DOE** completed the following:

- ✓ Reconnaissance Survey and Phase I investigations of the PORTS property
- ✓ Phase II Investigations on selected sites
- ✓ Geophysical survey of one cemetery

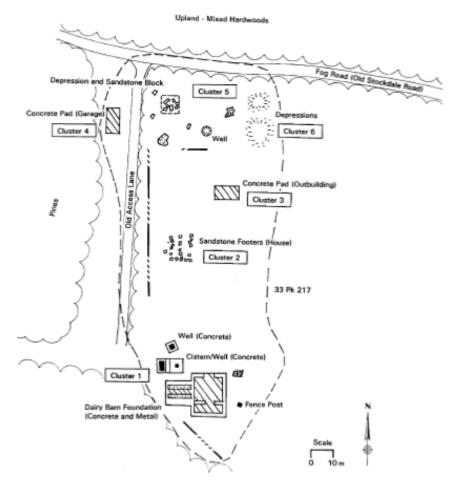




## Identifying Farmsteads and Cemeteries



## Stockdale Dairy Farmstead





## Identifying Farmsteads and Cemeteries



# DOE is preparing a Summary Report on the farming communities displaced by the Atomic Energy Commission

Consultation/
Public Involvement
Opportunity

- •What community effects should be included?
- •Other ideas?



## Recording the Cold War Era

### DOE is completing the following:

- ✓ Identifying, selecting, cataloging, photographing, and preserving selected items from the Portsmouth Gaseous Diffusion Plant (PORTS) Cold War-era operational period.
- ✓ Capturing oral histories from former workers.
- ✓ Photographing buildings and structures
- ✓ Establishing the historic context
- ✓ Documenting individual resources from the Cold War-era core processing facilities and processing support facilities



## Recording the Cold War Era

### <u>Selection of Salvaged Items:</u>

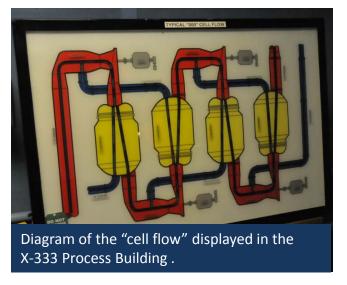
- Item selection is a collaborative effort, and involves the NHPA Site Lead, Facility Owners and Facility Custodians, Facility Subject Matter Experts, a Photographer, as well as former employees and retired personnel with process and/or facility knowledge.
- To identify representative items unique and/or significant to the PORTS operations, an NHPA "green-tag" is placed on the items and the items are immediately photographed.
- The items are housed in the XT-847 and X-720B Facilities pending NHPA evaluation.
- The NHPA Site Lead records a description of the items in a computer-based inventory. This inventory maintains all photographed items, the item/s is located (building name, floor number, column numbers, etc.) within the PORTS site.



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## Examples of Items currently tagged for recovery

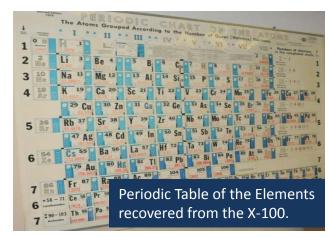














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## Recording the Cold War Era



From January 31 – May 17, 2012 3,032 people visited this site from 23 different countries



## www.portsvirtualmuseum.org

## Recording the Cold War Era



# DOE is preparing a Comprehensive Historic Context Report of the site using an architectural historian

Consultation/
Public Involvement
Opportunity

- •What aspects of the Cold War era are most important?
- •Other ideas?



## Where we are in the D&D Decision Process

Process Building D&D	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
Waste Disposition	Evaluation of Alternatives, Informational Meetings and Workshops	Proposed Plan	Public Comment Period	Record of Decision	Work Begins
RCRA Soil Decision	Implement Ongoing Corrective Measures (already in place from previous decisions)			Evaluation of Alternatives	
Decision					



Section 106 of the National Historic Preservation Act has been identified as an Applicable or Relevant and Appropriate Requirement (ARAR) for the CERCLA actions. Resolution of adverse effects will be included in the Records of Decisions.

## Available Reports

## Copies of full reports can be found at http://www.pppo.energy.gov/nhpa.html

- 2010 National Historic Preservation Act Section 110 Survey of Architectural Properties at the Portsmouth Gaseous Diffusion Plant in Scioto and Seal Townships, Piketon, Ohio. Restoration Services, Inc. Oak Ridge, Tennessee.
- National Historic Preservation Act Section 110 Survey Conducted to Identify Prehistoric Native American Mounds at the Portsmouth Gaseous Diffusion Plant, in Scioto and Seal Townships, Piketon, Ohio. Ohio Valley Archeology, Columbus, Ohio.
- 2011 Prehistoric Native American Earthwork and Mound Sites in the Area of the Department of Energy Portsmouth Gaseous Diffusion Plant, Pike County, Ohio. Ohio Valley Archeology, Columbus, Ohio.

## Available Reports

## Copies of full reports can be found at http://www.pppo.energy.gov/nhpa.html

Burks, Jarrod

2011 Geophysical Survey at the Holt Cemetery at the Portsmouth

Gaseous Diffusion Plant, Piketon, Ohio. Ohio Valley

Archeology, Columbus, Ohio.

Schweikart, John F., Kevin Coleman, and Flora Church

1997 Phase I Archaeological Survey for the Portsmouth Gaseous

Diffusion Plant (PORTS Facility) in Scioto and Seal Township, Pike

County, Ohio. ASC Group, Inc., Columbus, Ohio.



The US Department of Energy (DOE) welcomes your input to develop mitigation measures to address the adverse effects that may result from the decontamination and decommissioning (D&D) and environmental corrective actions. There are two ways in which you can provide input.

CLICK on the link to complete the questionnaire. Follow the instructions provided to send your input directly to DOE.

http://fbportsmouth.com

OR

PRINT the questions on the next four slides and mail your input to DOE at the following address:

US DOE PO Box 700 Piketon, Ohio

ATTN: Ms. Amy Lawson



- 1. Which components of PORTS History are most important to you?
  - a. Prehistoric
  - b. Historic
  - c. Cold War/DOE built environment
  - d. All of the above

Please provide additional information. Attach additional pages, if necessary:



- 2. Have you ever worked at PORTS?
  - a. Yes
  - b. No
- 3. Did a member or members of your family work at PORTS?
  - a. Yes
  - b. No
  - c. Don't know
- 4. Did you or a member of your family live on or own the property acquired by the Atomic Energy Commission for the Portsmouth Site?
  - 1.Yes
  - 2.No
  - 3.Don't know



5. What types of mitigation measures are appropriate to address the adverse effects that may result from the potential decontamination and decommissioning (D&D) of the gaseous diffusion plant buildings? Attach additional pages, if necessary.



6. What types of mitigation measures are appropriate to address the adverse effects that may result from the disposal of waste generated by the D&D project? Attach additional pages, if necessary.