



PORTSMOUTH GASEOUS DIFFUSION PLANT CLEANUP

Preparing for the Future

Demolition Considered for 46 Gaseous Diffusion Plant Support Buildings

FACT SHEET OBJECTIVES

An *Engineering Evaluation and Cost Analysis for the Plant Support Buildings and Structures at the Portsmouth Gaseous Diffusion Plant, Piketon* (EE/CA) has been completed to evaluate the need for demolition of 46 gaseous diffusion support facilities. The EE/CA is available for public comment, and U.S. Department of Energy (DOE) invites your input on its proposed alternative for these support facilities. This is one of several decisions where your input will help DOE and Ohio Environmental Protection Agency (Ohio EPA) select a final cleanup strategy for DOE's Portsmouth Gaseous Diffusion Plant located near Piketon, Ohio.

What is an EE/CA and why is it available for public comment?

An EE/CA is a comprehensive study prepared consistent with Federal environmental laws and regulations that evaluates cleanup alternatives to address unacceptable environmental conditions found to be present at industrial facilities. The study considers the cost, implementability, and effectiveness of the different alternatives. The *Engineering Evaluation and Cost Analysis for the Plant Support Buildings and Structures at the Portsmouth Gaseous Diffusion Plant, Piketon* (EE/CA) has been prepared to evaluate the need for the demolition of 46 facilities no longer needed to support the Portsmouth Gaseous Diffusion Plant. All public comments received on the EE/CA will be considered by DOE and Ohio EPA in reaching the final decision on this action. The final decision, called an Action Memorandum, will be issued by DOE after Ohio EPA's concurrence. After issuing the Action Memorandum, DOE will perform the selected cleanup action.

DOE is performing decontamination and decommissioning (D&D) at the Portsmouth site under the Comprehensive Environmental Response, Compensation & Liability Act (CERCLA), a federal law that provides the framework for characterizing and addressing risks and hazards associated with a site. CERCLA establishes criteria to help DOE, regulators, and stakeholders select the most effective remedy to address risks and hazards.

What is being considered in the EE/CA?

The 46 support buildings include the cafeteria, the hospital, the administration building, the high voltage switch yard, fire training building, maintenance garage, guard headquarters, security portal, water towers, a trailer complex, a decontamination pad, personal monitoring stations, and various utility buildings, pump stations, warehouses, and storage buildings.

Two alternatives are being considered for each of the 46 gaseous diffusion support buildings and structure:

- » No Action alternative: no surveillance and maintenance of facilities, structures deteriorate in place, and final disposition of contaminants, such as PCBs, radionuclides, and heavy metals, would not occur, causing unacceptable risk to human health and the environment.
- » Demolition alternative: demolition of facilities, size reduction of debris, and waste treatment as needed. The demolition alternative removes contaminants and reduces risks to human health and the environment. Waste from demolition would be disposed off-site until a separate decision is made through a similar regulatory process to determine what to do with waste from site-wide cleanup.



The cafeteria, hospital and administration building are recommended for demolition.

What is the preferred alternative?

DOE proposes to implement the demolition alternative. The demolition of these buildings is expected to occur over the next few years. DOE and Ohio EPA seek your comments on this proposal.

Preparing for the Future Demolition Considered for 46 Gaseous Diffusion Plant Support Buildings

30-Day Public Review and Comment Period Starts October 24, 2011.

DOE encourages the public to review the Engineering Evaluation and Cost Analysis for the Plant Support Buildings and Structures at the Portsmouth Gaseous Diffusion Plant, Piketon and provide comments. A copy of the document may be obtained by logging on to www.fbportsmouth.com/documents.html or www.pppo.energy.gov, and by contacting the DOE Environmental Information Center, located in Room 220 at The Ohio State University Endeavor Center, 1862 Shyville Road, Piketon, OH 45661, at (740) 289-8898.

A Public Availability Session will be held on November 10, 2011, at Endeavor Center, 1862 Shyville Road, Piketon, Ohio, from 6 p.m. to 8 p.m. to answer questions about the document and the preferred approach. In addition to the prepaid comment form provided with this fact sheet, comments may also be provided at the public availability session or e-mail them to DOE at eecacomments@fbports.com.

What did the Portsmouth Site Specific Advisory Board (PORTS SSAB) say about the two alternatives?

“The Future D&D & Recycling/Waste Disposition subcommittees support the demolition of the facilities listed in this EE/CA because there is no foreseeable reuse for these particular buildings. Reindustrialization is the key goal, so the infrastructure should be replaced to support future use of the site.”

The PORTS SSAB provides recommendations to the US DOE on environmental restoration and waste management issues at the Piketon Site. To get involved with the SSAB, please contact 740-289-5249 or log on to <http://www.ports-ssab.energy.gov>.



The X-600 Steam Plant is recommended for demolition.

Public Comment Period

- Notice of Availability published.
- 30 day Public Comment Period.
- Public Availability Session.

Action Memorandum

- Responsiveness Summary prepared to address public comments.
- Alternative selected.
- Ohio EPA concurs with Action Memorandum.

Implement Selected Alternatives

- Design, sequence, and schedule the work.
- Tear down 46 Plant Support Buildings.
- Will take place over the next few years.

PLEASE SHARE YOUR COMMENTS BELOW

DOE seeks your input and has provided a prepaid postage comment form for your use. If you have comments, please provide them in the space below, tear off this page, fold and tape it, and mail back to DOE.

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