



Portsmouth EM Site Specific
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RECOMMENDATION: PORTS SITE TOUR AND DEVELOPMENT OF EDUCATIONAL/INFORMATIVE MATERIALS

BACKGROUND: The Portsmouth Gaseous Diffusion Plant (GDP) Site is located near Piketon, Ohio, in the south-central part of the state. The plant's site encompasses approximately 1,000 acres of the 3,714-acre U.S. Department of Energy (DOE) reservation. The Portsmouth facility operated from 1954 until 2001, using a gaseous diffusion process to enrich uranium for commercial reactors and for U.S. Navy power reactors. Since USEC ceased GDP operations at the Portsmouth Site in 2001, the enrichment facilities have been kept in Cold Standby condition (capable of being restarted) through September 2005. In FY 2006, the Portsmouth GDP entered the transition to Cold Shutdown, in which the enrichment facilities will be permanently shut down and decommissioned.

The mission of the Portsmouth/Paducah Project Office (PPPO) is to effectively implement Environmental Management (EM) responsibilities, obligations, and activities at the DOE's Portsmouth Site, while maintaining enriched uranium production at the Paducah Site. The security aspect of the EM mission is to protect government employees, property, and classified and unclassified information. This will be done by using protective forces and physical security instrumentation, information security, cyber security, personnel security, material control and accountability, and program management. With such a critical emphasis on security and material control measures to ensure the safety of documents and materials, a "veil of secrecy" and "misinformation" associated with the GDP has prevailed.

RECOMMENDATION: The **PORTS SSAB** recommends that DOE develop a plan to offer DOE Plant Site tours and develop informational and educational materials for the purpose of increasing stakeholder knowledge and awareness of the daily ongoing environmental management and clean-up operations. Recent data collection sources reveal this need. Some options to consider in developing tours and educational materials are:

1. Group Tours
 - a. Frequency
 - b. Tour format (orientation)
 - c. Safety Consideration
 1. Transporting Vehicle (overloading)
 2. Walking
 3. Radiation Exposure Risks
2. Educational/Informative Materials
 - a. Printed Handout
 1. Plant Past, Present, Future
 2. Centrifuge and GDP Process
 3. Environmental Management
 4. Ongoing Clean-up Activities
 - b. Oral Presentations with handouts to be given to community groups at their request
 - c. Videos



Support Services

EHI Consultants, Inc.

1862 Shyville Road

Suite 115

Piketon, OH 45661

Phone 740-289-5249

Fax 740-289-1578

www.ports-ssab.org

info@ports-ssab.org