

# Technical Review of the Mound Site Summary

by **EHS TECHNOLOGY GROUP, LLC**

**Reference Document:** Building 128 Data Package (Transition); Public Review Draft, March 2005

**Purpose:** The purpose of this document is to notify the public of the Transition Activity proposed for Building 128.

**Assessment of Review:** EHS has had the opportunity to review and comment on this Building Data Package. We concur with the planned transition of Building 128 to the Miamisburg Mound Community Improvement Corporation (MMCIC). This data package was prepared in accordance with the requirements specified in the *Work Plan for Environmental Restoration (ER) of the DOE Mound Site, The Mound 2000 Approach*. As such, all appropriate inquiry was made into the condition of the building and any associated environmental concerns that would impact the demolition activities were assessed.

**Technical Analysis:** Building 128 was constructed in 2001 as the Power System Technologies Boiler Building. It is a single room building that contains two 100 horsepower hot water boilers and a duplex primary/secondary pumping system. This hot water heating system originally provided heat for Buildings 36, 37, 50 and 126. Buildings 36, 37, and 50 were demolished in 2004. Therefore, this building provided hot water to Building 126 only. Building 126 currently has a boiler installed by MMCIC providing heat to the building.

**Substantive Comments:** EHS concurs with the planned transfer of Building 128 to the Miamisburg Mound Community Improvement Corporation. We understand that all known environmental issues associated with this building have been resolved. One such issue included the potential of radiological contamination. Although this building never housed radiological or energetic materials, removal actions in the surrounding area could potentially have impacted the exterior of the building. However, all Final Status Report test results for this building show radiological levels below surface contamination guidelines.

In addition, there are two unbinned PRS in the vicinity of Building 128. These two PRS include PRS 271, Building 37 Sanitary Waste Tank (Tank 100) and PRS 336 Building 37 Waste Tank (aka Low Risk Waste Tank 267). According to the Data Package, these two PRS will be binned using data collected from the Building 37 demolition activities and recommendation will be included in the Building 37 Closeout Report.

Coordination between CH2M Hill, the DOE and MMCIC is important to ensure the building area (prior to transfer) is left in a condition consistent with the Mound Reuse Plan.