

Technical Review of the Mound Site

Summary

by **EHS TECHNOLOGY GROUP, LLC**

Reference Document: Guard Post 8 Building Data Package (Demolition); Working Draft, November 2004

Purpose: The purpose of this document is to notify the public of the Demolition Activity proposed for Guard Post 8.

Assessment of Review: EHS has had the opportunity to review and comment on this Building Data Package. We concur with the planned demolition action for Guard Post 8. 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: Guard Post 8 was a factory assembled steel booth originally placed on-site in 1983. It was moved approximately fifteen feet west to the current location in 1991 when the guard post “island” was constructed. The building was used specifically as a guard post at Entrance 8, and never stored radiological or hazardous wastes or any chemicals.

Demolition of this prefabricated booth is acceptable, and all appropriate assessment has been made into the contents and building materials of this booth. Demolition of the building should not present an environmental hazard.

As always, coordination between CH2M Hill, the cleanup contractor at the Mound Site, and Miamisburg Mound Community Improvement Corp. (MMCIC -developer of the Mound site) will result in the return of these areas to the proposed use in the Mound Comprehensive Reuse Plan.

Substantive Comments: EHS concurs with the planned demolition action for Guard Post 8. We understand that the building is a small pre-fabricated booth that will be demolished and removed from the site. This demolition and removal should not present a significant environmental hazard.

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

If EHS’s understandings are correct, no specific response to the above comment is necessary, and we understand that these comments will be included in the OSC report.