

DOCKET: 70-036

LICENSEE: Westinghouse Electric Company, Inc. (Hematite)

SUBJECT: SAFEGUARDS EVALUATION REPORT: REVIEW OF THE HEMATITE  
PHYSICAL SECURITY PLAN REVISION 8 CHANGES AS SUBMITTED BY  
WESTINGHOUSE ELECTRIC CORPORATION, INC. BY LETTER DATED  
MARCH 10, 2009. TAC # J00353

## **BACKGROUND**

The Westinghouse Electric Hematite Facility consists of 228 acres of land located in Jefferson County, Missouri approximately 35 miles south of St. Louis. The plant became operational in 1956 producing uranium for use in the U.S. Navy Nuclear Fuel Program. During the 1950s and 1960s radioactive contaminated materials were buried in 40 unlined pits according to the Missouri Department of Natural Resources.

From 1961 to 2000 the site was owned and operated by several different companies. In 2000 Westinghouse Electric Company purchased the facility and operated it until it ceased operations in May 2001. Since that time Westinghouse has been decommissioning the site. The two main process buildings have been stripped of equipment. Most employees have been terminated and there still remains security staff and a few other staff to conduct the actual decommissioning of the remainder of the site. At issue is the category and form of material that may be found in the numerous burial pits.

In the years leading up to shut down in 2001 Westinghouse was producing Category III special nuclear material for use in reactors. The security requirements that the site was required to meet are contained in The title 10 in the *Code of Federal Regulations* (CFR), Section 73.67 (f). The plan under review was previously approved to meet these requirements and has been in effect since September 1999 prior to the Westinghouse purchase.

## **DISCUSSION**

The Physical Security Plan (PSP) Revision 8 changes were reviewed and found to be, as stated by Westinghouse staff, administrative in nature and fit the requirements in 10 CFR, Section 70.32 (e) in that the changes do not reduce the effectiveness of security. A site visit was not conducted during this review due to the nature of the changes.

## **CONCLUSION**

The Office of Nuclear Security and Incident Response staff determined that the PSP meets the requirements of 10 CFR, Section 73.67 (f). The Category III Order issued to operating facilities was reviewed for any measures that might apply to this site. Staff determined that the interim compensatory measures included in that Order were not applicable to this site.

Staff recommends that the PSP submitted by Westinghouse Electric Corporation Inc. be approved.

Enclosure