

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Westinghouse Electric Company Hematite Decommissioning Project Festus, MO 63028 REPORT NUMBER(S) 070-00036/2008001		2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 801 WARRENVILLE ROAD LISLE IL 60532-4351	
3. DOCKET NUMBER(S) 070-00036	4. LICENSE NUMBER(S) SNM-0033	5. DATE(S) OF INSPECTION 06/24-26/2008, 10/7-8/2008	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

_____ non-cited violation(s) were discussed involving the following requirement(s):

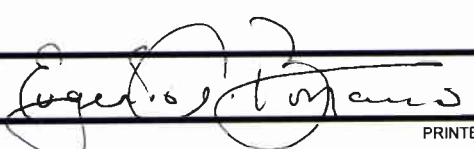
- ☐ 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

WGS

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE	DATE
LICENSEE			
NRC INSPECTOR	Eugenio A. Bonano		10/08/2008

Docket File Information**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

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6. INSPECTION PROCEDURES USED IP83890, IP87104, IP83822	7. INSPECTION FOCUS AREAS Observed work at the rail spur area and ORISE confirmatory surveys.		

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 11300	2. PRIORITY 5	3. LICENSEE CONTACT Gerry Rood	4. TELEPHONE NUMBER 314-810-3382
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- ☐ Main Office Inspection Next Inspection Date: 11/17/2008
- ☐ Field Office Inspection _____
- ☒ Temporary Job Site Inspection Rail spur area, ORISE confirmatory surveys

PROGRAM SCOPE

The inspectors examined survey activities along the proposed rail spur area to determine if work was done safely and in accordance with Work Package WP-2008-006, "Soil Sample Plan," procedures, license and regulatory requirements. Inspectors observed core sampling, processing of samples (i.e., chain-of-custody, sample number designation, logging of survey information, control of cross-contamination), and management oversight of activities. Inspectors reviewed procedure management, RWP RP-08-009, "Performance of Core Sampling," radiological survey reports, instrument management (i.e., calibration, QC checks), and training. The inspectors interviewed personnel and management. The NRC inspectors performed walk-over surveys and selected twenty-six processed soil samples, analyzed by the licensee's contract laboratory, for analysis by the Oak Ridge Institute for Science and Education (ORISE). ORISE performed full isotopic alpha and gamma spectroscopy and, from 23 of the 26 samples, Tc-99 analysis. Inspectors also observed ORISE conduct confirmatory surveys in the rail spur area and the roofs of buildings 110, 230 and the adjacent HEPA room.

PERFORMANCE OBSERVATIONS

During the inspection, the licensee's survey activities involved the collection of systematic and bias core bore soil samples along the proposed rail spur area. Work was conducted safely and in accordance with the applicable survey plan, RWP, procedures, license and regulatory requirements. Instrumentation was serviceable and calibrated; daily (twice a day) QC checks were done. Morning safety briefings were conducted before the start of work; the licensee had constant management oversight of work and their safety culture was much improved from previous inspections. Integrity of samples collected was maintained throughout the collection process. Personnel were knowledgeable and training was up to date. The inspectors did not identify any concerns.

Inspector's walk-over surveys were consistent with the licensee's and ORISE's results. Soil sample analysis results between the licensee's contract lab and ORISE were in general agreement. The inspectors did not identify any concerns.

The inspectors did not identify any concerns with ORISE's work. ORISE did not identify any concerns with the final status surveys of the roofs of buildings 110, 230 and the adjacent HEPA room. Survey results of the proposed rail spur area were consistent with the licensee's results.