

public meetings on-site so that community members could see firsthand the types of activities that were happening and the precautions the company employed to protect community members and employees alike. Bringing community members on-site where they could witness work activities and discuss them with the site's employees proved a far more effective means of establishing trust and building an ongoing positive relationship with these stakeholders than holding meetings in off-site meeting spaces.

Current state and remaining work

Westinghouse completed most of the physical work to decontaminate Hematite in approximately four years. Overall, Westinghouse shipped 375 million pounds of soil and debris off-site in 1,350 railcars and another 12 million pounds of other waste and debris to off-site licensed facilities. This included nearly 8 million pounds of building debris that resulted from the company's dismantling of 83,537 square feet of structures. All waste was transported to receiving facilities with no accidents, no incidents, and no regulatory violations.

During 2017, the company expects to complete final documentation demonstrating that Hematite meets the NRC regulatory requirements for unrestricted use and to terminate the NRC license. Also during 2017, Westinghouse expects to establish an agreement with the DNR for long-term groundwater monitoring. The agreement will include a method of demonstrating that chemical contaminants in both the soil and groundwater are within regulatory limits.

The site will remain under Westinghouse ownership until decisions for its future use are made. Regardless of future site use, Westinghouse expects to monitor groundwater for the next 20 to 25 years and has installed groundwater monitoring wells on-site and off-site to facilitate sampling and to demonstrate environmental compliance. The number and location of the wells will change over time based on the results of analyses of those samples. Westinghouse will continue to communicate with the surrounding community to keep community members abreast of the chemical remedy for residual soils and long-term groundwater monitoring plans and sampling results. ■

Joe Smetanka is managing director of the Hematite Decommissioning Project for Westinghouse Electric Company.



WAGSTAFF

APPLIED TECHNOLOGIES

Since 1946, the engineering expertise, manufacturing capability, quality systems and experience to execute the most demanding projects



- ASME Pressure Vessels
- Gloveboxes
- Material Handling Equipment
- Nuclear Shielding
- Containers/Casks/Overpacks
- ASME B30.20 Lifting Devices



IMPLEMENTED NUCLEAR QUALITY ASSURANCE PROGRAMS

ASME NQA-1 2008/2009
10 CFR 50 Appendix B
10 CFR 71 Subpart H
DOE O 414.1D
ISO 9001:2000



Contact: Dan Payne • dan.payne@wagstaff.com • 509-321-3184
www.WagstaffAT.com • Spokane Valley, WA



A Training Course on

Facility Decommissioning

- March 20-23, 2017 Las Vegas, NV
- June 5-8, 2017 Pittsburgh, PA
- November 13-16, 2017 Las Vegas, NV

Updated information on all sessions posted to our website.

Information:

Lawrence E. Boing, Facility Decommissioning TC Director
Phone 630-252-6729
Fax 630-252-7577
e-mail: lboing@anl.gov

Argonne National Laboratory
Nuclear Engineering Division – Special Projects
9700 South Cass Avenue
Argonne, IL 60439

Details at our TC website: www.dd.anl.gov/ddtraining/