



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590


REPLY TO THE ATTENTION OF:

SR-6J

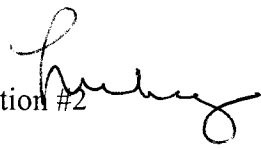
MEMORANDUM

DATE: JAN 03 2008

SUBJECT: **ACTION MEMORANDUM:** Determination of Threat/Need to Conduct a CERCLA Time Critical Removal Action at the ABB Plant Site, Formerly Westinghouse Electric Corporation (ID Number 05FJ), Bloomington, Indiana

FROM: Thomas Alcamo 
Remedial Response Section #1

TO: Richard C. Karl, Director
Superfund Division

THRU: Linda Nachowicz, Chief 
Emergency Response Section #2
Site ID # IND006062467

I. PURPOSE

The purpose of this memorandum is to request and document your approval of a proposed removal action described herein for the ABB Plant Site, formerly Westinghouse Electric Corporation, 300 North Curry Pike, Bloomington, Monroe County, Indiana. This response action is necessary to mitigate the immediate threat to public health, welfare, and the environment posed by the release of PCBs and volatile organic compounds from soils under the concrete slab of the former Westinghouse Electric facility which has been demolished. An Administrative Order on Consent has been negotiated with CBS Corporation and ABB Corporation to complete this removal action.

II. SITE CONDITIONS AND BACKGROUND

This time-critical removal action at the former Westinghouse Electric Corporation (IND006062467) is to remove PCB and other hazardous constituents from soils and concrete.

A. Site Description

1. Removal Site Evaluation

The Site is the location where Westinghouse Electric Corporation (“Westinghouse”) owned and operated a plant which opened in 1958 and was used by Westinghouse primarily for the manufacture of electrical capacitors and other electrical equipment. For many years, Westinghouse used a polychlorinated biphenyl (“PCB”) dielectric fluid as an insulator in the electric equipment that it manufactured at the Site. PCBs were banned by the Toxic Substances Control Act, which was enacted in 1976 and became effective in 1977. In 1989, Westinghouse and ABB entered into a joint venture agreement pursuant to which they jointly operated the Site through December 31, 1989. On January 1, 1990, the Site became solely owned by ABB. ABB used the Site for the manufacture of electrical capacitors and other electrical equipment, but did not use PCBs in the equipment that it manufactured at the Site. Metal plating operations were also performed as part of the process of manufacturing of electrical capacitors and other electrical equipment. In addition to PCBs used by CBS, both CBS and ABB used, among other things, volatile organic compounds (for cleaning machine parts), cyanide, and metals (like chromium and lead) in their processes for the manufacture of electrical capacitors and other electrical equipment. Westinghouse changed its name to CBS Corporation, which was succeeded by merger into Viacom Inc., which changed its name back to CBS Corporation.

From 1977 through 1988 numerous sampling actions were undertaken near the Facility revealing elevated PCB levels to 6120 ppm in a ditch north of the Facility. In 1986, IDEM performed a preliminary assessment of the area. As part of a plan to revise the preliminary assessment, IDEM took samples at the Facility and surrounding areas on August 5, 1988. Laboratory analyses were performed on the samples and the analytical results indicated PCB levels up to 53,000 ppm in soils at the Facility and PCB levels to .077 ppm in the on-site water samples. Off-site sampling down-drainage to the north of the Facility on Town of Ellettsville property indicated levels to 14,200 ppm of PCB in the soil and up to 0.29 ppm of PCBs in the drainage water.

On October 25, 1988, IDEM returned to the Facility to further investigate the extent of PCB contamination. Additional soil samples were obtained on the Westinghouse plant property as well as area down-drainage to the north of the Facility on Town of Ellettsville property. Laboratory analyses were performed on the samples and the analytical results indicated soil PCB levels to 1220 ppm.

The focus of investigations through this point was on PCB contamination outside of the Facility buildings. In May 1989, EPA issued a Unilateral Administrative Order (UAO) to address PCB contamination outside the facility. Through the UAO, amendments to the UAO and voluntarily cleanups, CBS