



FUSRAP

Columbus East, Ohio, Site

This fact sheet provides information about the Columbus East, Ohio, Site. Long-term stewardship responsibilities for the site are managed by the U.S. Department of Energy Office of Legacy Management under the Formerly Utilized Sites Remedial Action Program.

Site Description and History

The Columbus East, Ohio, Site (formerly the B & T Metals Site) is located at 435 West Town Street in southwest Columbus, Ohio. The site originally consisted of a main building, a storage building, and an aluminum extrusion building. The site covers most of a city block.

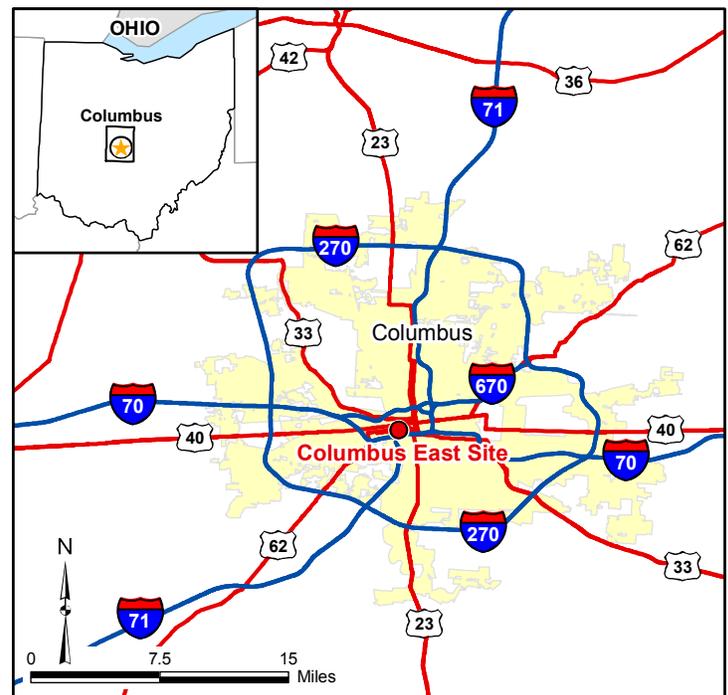
From March through August 1943, B & T Metals extruded uranium fuel rods from uranium metal billets (bars or ingots of uranium formed as an intermediate product) under contract to E.I. du Pont de Nemours and Company (DuPont). The rods were manufactured in support of U.S. Army Corps of Engineers Manhattan Engineer District (MED) operations and were destined for use as fuel in the Hanford, Washington, nuclear reactor. It is estimated that more than 50 tons of uranium were extruded.

The work performed for MED occurred in the northwest corner of the main building, the largest of the three site structures. Upon completion of the extrusion project, representatives of MED and DuPont visually inspected the site to verify that all sweepings, turnings, solid scrap, and other remnants of the operation had been shipped off-site.

In 1988 and 1989 Oak Ridge National Laboratory, a U.S. Department of Energy (DOE) facility in Oak Ridge, Tennessee, conducted initial screening surveys to evaluate the radiological conditions at the site. The surveys identified elevated concentrations of uranium inside the main building in several floor, sump, and drain locations and in dust on building support beams. Elevated gamma radiation was also detected in soil samples taken from the outdoor area where process fluids or shavings from the MED activities reportedly were disposed. The site was recommended for remediation under the Formerly Utilized Sites Remedial Action Program (FUSRAP). Decontamination of the facility was conducted from March through June 1996 under the direction of Bechtel National, Inc., the project management contractor for FUSRAP.

Regulatory Setting

The U.S. Atomic Energy Commission (AEC), the predecessor agency to DOE, established FUSRAP in March 1974 to evaluate radioactive contamination at sites used in the development of the



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Location of the Columbus East, Ohio, Site

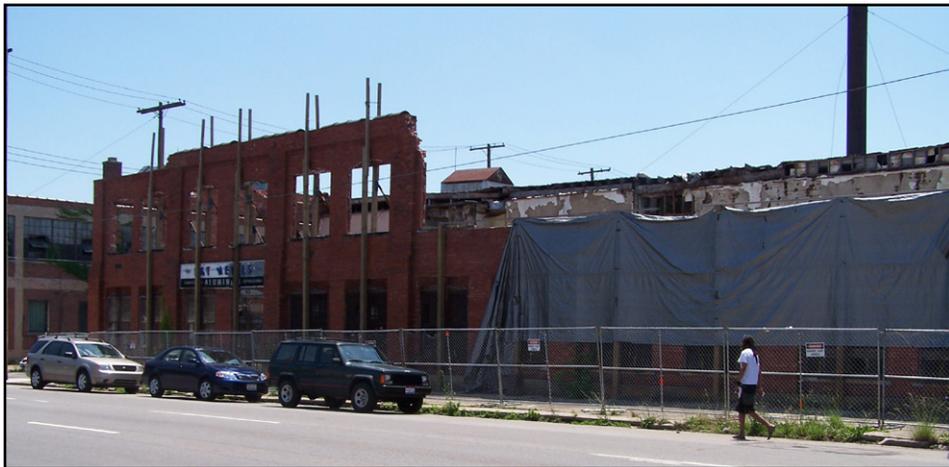
nation's nuclear weapons and atomic energy programs. DOE has the legislative authority under the Atomic Energy Act (AEA) of 1954, as amended, to perform radiological surveys, monitoring, and maintenance at sites used to support the nuclear activities of DOE's predecessor agencies. DOE also has legislative authority under the AEA to remediate FUSRAP sites identified as requiring some form of response action. In 1997, Congress transferred responsibility for FUSRAP site characterization and remediation from DOE to the U.S. Army Corps of Engineers. The DOE Office of Legacy Management (LM) retains responsibility for long-term care of remediated FUSRAP sites. For more information about the program, please see the FUSRAP fact sheet.

The Columbus East site was remediated to criteria in *Guidelines for Residual Radioactive Material at Formerly Utilized Sites Remedial Action Program and Remote Surplus Facilities Management Program Sites*. A notice of cleanup certification for the site was published in the *Federal Register* on June 26, 2001.

In fiscal year 2004, DOE transferred long-term stewardship responsibilities for the Columbus East FUSRAP site from the DOE Office of Environmental Management to LM.

Current Site Conditions

An independent verification survey conducted after the completion of remedial action detected no residual radioactivity at the site that exceeded current guidelines. DOE released the site for unrestricted use. A portion of the main building has been demolished and is currently used as a parking lot. The remaining site buildings are currently unused and in disrepair.



Main Manufacturing Building of the Former B & T Metals Facility (2006 photo)

Legacy Management Activities

No monitoring, maintenance, or site inspections are required for the Columbus East site. LM's responsibilities consist of managing site records and responding to stakeholder inquiries.

Contacts

In case of an emergency at the site, contact 911.

Documents related to FUSRAP activities at the Columbus East site are available on the LM website at https://www.lm.doe.gov/columbus_east/Sites.aspx.

For more information on FUSRAP site history or current long-term stewardship activities, contact:

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