

NPL Partial Site Deletion Narrative

Mound Plant (USDOE) Miamisburg, Ohio

On April 16, 2001, EPA deleted Block D and Block H of the Mound Plant (DOE) site from the National Priorities List (NPL).

The Mound Plant (DOE) site is located in Miamisburg, Ohio, approximately 10 miles south of Dayton. Mostly owned by the U.S. Department of Energy (DOE), the 306-acre site began the manufacture of triggering devices for nuclear weapons in 1948. The site was listed on the NPL on November 21, 1989. In 1995, the DOE, EPA and Ohio Environmental Protection Agency (OEPA) decided to evaluate and remediate each Potential Release Site (PRS) or building at the site separately.

Block D contained one PRS - an area of thorium contaminated soil - that needed an active response. In October 1998, DOE completed a removal action. A residual risk assessment following the removal action determined that future industrial use of Block D posed no significant threat to human health or the environment. A Record of Decision (ROD) was issued on February 25, 1999, which selected imposing deed restrictions on the property in order to limit it to industrial use. In addition, the ROD appointed DOE to ensure compliance with the deed restrictions over the long term.

Block H contained only one PRS. A residual risk assessment determined that industrial use of Block H posed no significant threat to human health or the environment; therefore, DOE, EPA and OEPA decided that no active response was required at Block H. A ROD was issued on June 18, 1999 which selected imposing deed restrictions on the property in order to limit it to industrial use. In addition, the ROD appointed DOE to ensure compliance with the deed restrictions over the long term.

The EPA and the State of Ohio have determined that all appropriate CERCLA Response actions have been completed and Block D and Block H pose no significant threat to human health or the environment. Therefore, EPA is deleting Block D and Block H of the Mound Plant (DOE) Superfund Site from the National Priorities List (NPL).