

## Department of Energy

### Mound – Cleanup – Release Block D

Release Block D was the first portion of the Department of Energy's Mound Plant to be transferred to the Miamisburg Mound Community Improvement Corporation (MMCIC). This historic event took place in March 1999. Release Block D is comprised of approximately 15 acres and is located in what was once the southeast corner of the developed portion of the original 306 acre Mound Plant.

Release Block D has two buildings. Formerly known as Building 105, and located at the northern edge of Release Block D, this building was built in 1990 and was used as a machine shop. The building is now leased to Thaler Machine Company. Building 100 is located at the southern edge of Release Block D. This building was once used as a post for the plant's security force.

Sixteen Potential Release Sites (PRS) were identified within Release Block D. Thorium contamination was removed from the PRS 304 area in October and November 1998. All other PRS' were deemed to require no further action.

The Record of Decision for Release Block D states that the remedy for this portion of land is institutional controls in the form of deed restrictions on the land use. The following property restrictions have been agreed upon and will be imposed to maintain protection of human health and the environment:

- Maintenance of industrial/commercial land use;
- Prohibition against residential use;
- Prohibition against the use of ground water;
- Site access for federal and state agencies for the purpose of sampling and monitoring; and
- Prohibition against the removal of Release Block D soils from the DOE Mound property (as owned in 1998) boundary without the approval from Ohio Department of Health and Ohio Environmental Protection Agency.

As with all land that is transferred from the Mound Plant, Release Block D is inspected annually to assess the effectiveness of the institutional controls. The results of the annual inspection are documented in the Annual Assessment of the Effectiveness of Institutional Controls applied to the former Mound Site Property.