



BWX Technologies, Inc.

Babcock & Wilcox, a McDermott company

Babcock & Wilcox of Ohio, Inc.

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ESC-089/99
April 29, 1999

99-TC/04-29

Mr. Richard B. Provencher, Director
Miamisburg Environmental Management Project
U.S. Department of Energy
P.O. Box 66
Miamisburg, OH 45343-0066

ATTENTION: Dewain Eckman

SUBJECT: Contract No. DE-AC24-97OH20044
Release Block H Fact Sheet

REFERENCE: Statement of Work Requirement C 7.1e -- Regulator Reports

Dear Mr. Provencher:

Babcock & Wilcox of Ohio, Inc. (BWO) has completed the Superfund Program Fact Sheet for Release Block H. This document supports the public review of the Proposed Plan for Release Block H. This document was previously delivered to Frank Schmaltz of your staff and the regulators. Mr. Schmaltz has approved the release of the Fact Sheet to the Reading Room.

Page 2 Release Block H Fact Sheet

If you or members of your staff have any questions regarding the document, or if additional support is needed, please contact Dave Rakel at extension 4203.

Sincerely,

 for

Linda R. Bauer, Ph.D.
Manager, Environmental Safeguards & Compliance

LRB/nmg

Enclosures as stated

cc: Tim Fischer, USEPA, (1) w/attachments
 Dave Meredith, TechLaw, Inc., (1) w/attachments
 Brian Nickel, OEPA, (2) w/attachments
 Ruth Vandergrift, ODH, (1) w/attachments
 Art Kleinrath, MEMP, (1) w/attachments
 Frank Schmaltz, MEMP, (1) w/attachments
 Dann Bird, MMCIC, (1) w/attachments
 Public Reading Room, (5) w/attachments
 DCC


SUPERFUND PROGRAM FACT SHEET
**MOUND PLANT, RELEASE BLOCK H
MIAMISBURG, OHIO**
May 1, 1999
DOE ANNOUNCES PROPOSED PLAN

The Proposed Plan identifies the preferred option for addressing the contamination at the Mound Site, Release Block H. The document is issued by the US Department of Energy (DOE), the lead agency for site cleanup activities, in consultation with the US Environmental Protection Agency (US EPA) and the Ohio Environmental Protection Agency (OEPA). DOE will select a final remedy for the site after the public comment period has ended and the information submitted during this time has been reviewed and considered. The DOE intends to transfer the Release Block H property to the Miamisburg Mound Community Improvement Corporation (MMCIC) which is converting the site into a privately owned industrial park.

DOE is issuing the Proposed Plan as part of its public participation responsibilities under Section 117(a) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This document provides summary information that can be found in greater detail in the administrative record for the site. DOE, US EPA and the OEPA encourage the public to review these documents in order to gain a more comprehensive understanding of the site and the CERCLA activities that have been conducted.

The administrative record file contains the information on which the selection of the response action will be based and is available at the following locations:

CERCLA PUBLIC READING ROOM
Miamisburg Senior Adult Center
305 Central Avenue
Miamisburg, OH 45342

MOUND CERCLA READING ROOM
Mound Plant, Building OSE
One Mound Road
Miamisburg, OH 45342

DATES TO REMEMBER:
Public Comment Period:

May 1, 1999 through
May 31, 1999.

DOE, US EPA and OEPA will accept written comments on the Proposed Plan during the public comment period.

Public Meeting:

May 18, 1999
7:00 p.m.
OSE Cafeteria
Mound Plant

SITE HISTORY:

Part of the mission of the DOE Miamisburg Environmental Management Project at the Mound site is to restore the land to its beneficial use as an industrial site. This proposed plan outlines the institutional controls that will be put into effect in order to allow the intended transfer of Release Block H, a segment of approximately 14 acres of 306 acres that comprise the entire Mound Plant.

SUMMARY OF SITE CHARACTERISTICS:

The area being addressed in the Proposed Plan, Release Block H, is located in the north corner of the property. (Refer to Figure 1.) Release Block H is generally bound to the south and west by the plant property and to the north and east by off-site residences.

There are no structures in Release Block H.

There is one Potential Release Site (PRS 93) within Release Block H. It has been determined to have a "No Further Assessment" status.

Additional information on PRS 93 and Release Block H is available in the administrative record in the reading rooms.

SCOPE AND ROLE OF THE ACTION:

Rather than use the traditional CERCLA process under a set of Operable Units, the DOE USEPA, and OEPA developed a new, more efficient process. The new process, known as the Mound 2000 Process, divided the entire facility into 19 "Release Blocks" which are contiguous tracts of property that

will be designated for release at a specific time.

Based on the residual contamination levels in Release Block H, this area is deemed to meet industrial use standards (selected land use) under the scenario spelled out in the Mound 2000 Residual Risk Evaluation Methodology.

SUMMARY OF RISKS:

Health risks were evaluated for a site construction worker and a site employee scenario. Summarized below are the results of these evaluations which are published in the Release Block H Residual Risk Evaluation and the "Technical Position Report in Support of the Release Block H Residual Risk Evaluation" dated April 1, 1999. This report is being released for public review concurrent with the Proposed Plan.

Under the industrial use scenario, the current incremental risks to construction workers are 2.0×10^{-5} for radionuclides and 4.7×10^{-6} for organics and inorganics. The current incremental risks for a site employee are 3.2×10^{-5} for radionuclides and 2.0×10^{-6} for organics and inorganics.

DESCRIPTION OF THE PREFERRED ALTERNATIVE:

The preferred alternative is institutional controls in the form of deed restrictions on future land use. The following property restrictions have been agreed upon by the DOE, US EPA, and Ohio EPA and will be imposed to maintain protection of human

health and the environment in the future:

- industrial land use must be maintained,
- the use of bedrock ground water is prohibited,
- site access for federal and state agencies for the purpose of sampling and monitoring must be provided, and
- soils from Release Block H will not be removed from the DOE Mound property boundary without approval from the Ohio Department of Health.

The soil within the current Mound Site boundary has not been evaluated for any use other than on-site industrial use. Any off-site disposition of the soil without proper handling, sampling and management could create an unacceptable risk to off-site receptors.

The initial costs associated with these deed restrictions are those that represent the writing and recording of the restrictions with the deed. The costs associated with monitoring and enforcing the land use and property deed restrictions are estimated to be \$5,000 per year.

The decision to implement these institutional controls is consistent with the intent to transfer title from DOE to the MMCIC and will protect the public and the environment during use of the buildings and the area.

COMMUNITY PARTICIPATION:

The community has been an active participant in this process. Comments from the public on the PRSs and building

disposition recommendations have been incorporated as part of the remedy evaluation. DOE believes all comments have been resolved with the commentors and the comments and responses have been placed in the CERCLA Public Reading Room.

We are requesting comments on the Proposed Plan by May 31, 1999. The response to comments will be included in the responsiveness summary that will be part of the Record of Decision for Release Block H.

Questions or comments related to the Proposed Plan should be addressed to:

Ms. Jane Greenwalt
Public Affairs Officer
P.O. Box 66
Miamisburg, OH 45342
(937) 865-3116 or
jane.greenwalt@em.doe.gov

Should you have questions or comments you wish to present directly to the regulators, the contacts are:

Mr. Tim Fischer, US EPA
(312) 886-5787 or
fischer.timothy@epamail.epa.gov

Mr. Brian Nickel, OEPA
(937) 285-6468 or
brian.nickel@epa.state.oh.us

Figure 1. Location of Release Block H

