

4507

*CATEGORICAL EXCLUSION DETERMINATION
ASBESTOS ABATEMENT FOR CALENDAR YEARS 1992
AND 1993 NEPA DOC. NO. 362*

11/12/91

*DOE-HQ/DOE-FN
NEPA DOC. 362*

4

CAT EX

CATEGORICAL EXCLUSION DETERMINATION**Asbestos Abatement For Calendar Years 1992 and 1993
(NEPA Document No. 362)
Fernald Environmental Management Project, Fernald, Ohio****Proposed Action**

The U. S. Department of Energy (DOE) proposes to remove asbestos and renovate facilities containing asbestos throughout the Fernald Environmental Management Project (FEMP) site.

Location of Action

The proposed action will occur within the boundaries of the 136-acre process area at the FEMP site, which is located 20 miles northwest of downtown Cincinnati, Ohio.

Background

Earlier construction practices permitted the use of asbestos and asbestos-containing materials at the FEMP, for example, on exterior building surfaces (transite) and piping insulation. Accordingly, the site contains a significant quantity of asbestos used for insulation, roofing, wallboard, and flooring. Due to the age of the facility and physical and chemical deterioration, some of the asbestos has become friable and represents a hazard.

The U.S. Environmental Protection Agency, Occupational Safety and Health Agency, and the State of Ohio have promulgated regulations which mandate control of personnel exposure, prevention of the release of asbestos-containing materials, and disposal practices. The proposed action is part of the continuing program at FEMP to comply with these regulations.

Description of Proposed Action

The FEMP proposes to perform asbestos removal and renovation activities throughout the site during calendar years 1992 and 1993. Abatement activities include removal of asbestos and asbestos-containing material (ACM) contaminated with radiation. Waste disposal will be in accordance with 40 CFR 61.

The proposed projects are located in buildings or structures within the boundaries of FEMP. They involve one or more of the following types of abatement activities with respect to ACM: (1) cleanup, (2) encapsulation, (3) removal, and/or (4) proper disposal, and replacement with asbestos-free materials. Cleanup of ACM involves a combination of one or more of the following: picking up, shoveling,

Asbestos Abatement for Calendar Years 1992 and 1993 - FEMP 2

bagging, wrapping, vacuuming, and wet wiping of any asbestos-contaminated items. Encapsulation involves spraying, painting, or in some manner sealing friable ACM. Removal is the elimination of ACM and includes stripping ACM insulation from pipes, removing wallboard, or ceiling tiles and floor tiles, etc. Cleanup, encapsulation, and/or removal actions are performed by qualified Westinghouse Environmental Management Company (WEMCO) maintenance personnel or a licensed subcontractor.

DOE is seeking approval to dispose of ACM contaminated with radioactive material at the Nevada Test Site waste disposal facility in Nevada or Envirocare Inc. in Clive, Utah. In the meantime, the drummed material will be stored on-site.

Categorical Exclusion to be Applied

The authority for finding site-wide ACM projects to be subject to National Environmental Policy Act (NEPA) Categorical Exclusion (CX) is the following language contained in the September 7, 1990, Section D of the DOE NEPA Guidelines at the end of the subsection entitled, "Classes of Actions Generally Applicable to All of DOE" and under the column entitled "Normally Do Not Require EAs or EISs" (55FR37174, September 7, 1990, p. 37177):

The removal actions and other actions described below, where it is determined that such an action would not threaten a violation of applicable statutory, regulatory, or permit requirements, including requirements of DOE Orders; would not require siting and construction or major expansion of waste disposal, recovery, or treatment facilities (including incinerators and facilities for treating wastewater, surface water, or groundwater); and would not adversely affect environmentally sensitive areas.

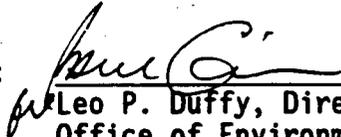
Removal of asbestos-containing materials from existing buildings in accordance with 40 CFR Part 61 (National Emission Standards for Hazardous Air Pollutants), Subpart M (National Emission Standards for Asbestos); 40 CFR Part 763 (Asbestos), Subpart G (Asbestos Abatement Projects); 29 CFR Part 1910, Subpart 1 (Personal Protective Equipment), Section 1910.134 (Respiratory Protection); Subpart Z (Toxic and Hazardous Substances), Section 1910.1001 (Asbestos, tremolite, anthophyllite and actinolite); 29 CFR Part 1926 (Safety and Health Regulations for Construction), Subpart D (Occupational Health and Environmental Controls), Section 1916.58 (Asbestos, tremolite, anthophyllite, and actinolite), and other appropriate OSHA standards in title 29, chapter XVII of the CFR; and appropriate state and local requirements, including certification of removal contractors and technicians.

Asbestos Abatement for Calendar Years 1992 and 1993 - FEMP 3

The CX is appropriate since the proposed action, as described above, would be environmentally beneficial because it would prevent the release of potentially dangerous amounts of asbestos fiber into the environment, whether it be by cleanup, removal, or encapsulation. This action does not require siting or construction or major expansion of waste disposal, recovery, or treatment facilities; it would not threaten a violation of applicable statutory, regulatory, or permit requirements, including requirements of DOE Orders; and it will not adversely affect environmentally sensitive areas.

Compliance Action

I have determined that the proposed action meets the requirements for the CX referenced above. Therefore, the proposed action may be categorically excluded from further NEPA review and documentation.

Approval: 
Leo P. Duffy, Director
Office of Environmental Restoration
and Waste Management

Date: 11/2/91

EH-25 has reviewed this determination and has no objection.

Signature: 
~~Carol Bergstrom, Director~~
Office of NEPA Oversight

Date: 11/2/91

NEPA #
6572

United States Government

memorandum

DATE: NOV 13 1991
REPLY TO: EM-424 (S. Frush 3-8159)
ATTN OF:

SUBJECT: Categorical Exclusion Determination - Asbestos Abatement for Calendar Years 1992 and 1993, Fernald Environmental Management Project, Fernald, Ohio / 83

TO: Carol Borgstrom, EH-25

I have approved the subject categorical exclusion under Section D of the Department of Energy's National Environmental Policy Act Guidelines and am forwarding it to you for review.

I request that you notify me within 2 weeks, in accordance with the Interim Procedural Guidelines for implementation of SEN-15-90, whether you have any objection to this determination.



Leo P. Duffy
Director
Office of Environmental Restoration
and Waste Management

Attachment

cc:
L. Lawson, EM-431
M. Kleinrock, EM-20

NEPA#
6572

(EH-25)
RECEIVED
NOV 13 1991 4