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**CATEGORICAL EXCLUSION DETERMINATION  
- RADIOLOGICAL CHECKPOINT AWNING  
NEPA DOC. NO. 434**

10/21/93

**NEPA DOC. 434  
DOE-FN/DOE-HQ  
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CAT EXC**

NATIONAL ENVIRONMENTAL POLICY ACT  
CATEGORICAL EXCLUSION DETERMINATION

Radiological Checkpoint Awning  
NEPA Document No. 434  
Fernald Environmental Management Project  
Fernald, Ohio

Proposed Action

The United States Department of Energy (DOE) at the Fernald Environmental Management Project (FEMP) proposes to construct a protective awning over the main radiological control point for vehicles entering and exiting the FEMP. This awning will provide protection during the radiological monitoring process from inclement weather, thus increasing monitoring efficiency.

Location

The proposed action will occur at the radiological control point, west of the space between Trailer 50 and Trailer 19 and north of the main vehicle access for the FEMP (D Street). The 1050 acre FEMP is located in a rural area of southwest Ohio, within Butler and Hamilton Counties, approximately 18 miles northwest of downtown Cincinnati, Ohio.

Background

A majority of vehicles entering and exiting the FEMP controlled area come through the main gate at the Security Building (Building 28A). The radiological monitoring technicians (rad techs) presently maintain a control point between Trailer 50 and Trailer 19 immediately north of the main gate. This control and radiological monitoring point is exposed to the weather. Concerns have existed about the efficiency of monitoring during inclement weather. This concern was reaffirmed by the Defense Nuclear Safety Board during their 1993 visit. To overcome this difficulty and ensure that possible contamination is not missed on vehicles exiting the FEMP controlled area, construction of an awning is proposed at the Trailer 50/Trailer 19 control point that will physically cover vehicles and rad techs performing monitoring activities prior to exiting the site.

Description of Proposed Action

The proposed action calls for the construction of a 25-foot by 60-foot awning that would cover D Street at the Trailer 50/Trailer 19 control point. The awning will have a vehicle clearance of approximately 18 feet, with a total height of up to 20 feet. The 60-foot length and 18-foot clearance allows for the protected monitoring of standard size tractor-trailer vehicle. The west side of the awning (opposite Trailer 19 and 50) will be totally shielded to minimize blowing precipitation while facilitating the drying and monitoring of vehicle tires. The east side of the structure will have a six to eight foot wall extending from the roof down. The roof of this structure will be sloped, and gutters with downspouts to the street will be installed. Lighting will be installed for the length of the awning along the ceiling, as well as standard outdoor power outlets on each of the west support beams.

### **Radiological Checkpoint Awning**

This structure includes the installation of six support beams, three on each side of D Street. The support columns will be offset from the road so that they will not interfere with vehicle access. Offsetting the columns also minimizes the amount of concrete and asphalt that will be excavated.

It is estimated that 27 to 54 cubic feet of waste concrete and asphalt will be generated by this project. This waste will be sampled to determine final disposition. Approximately 135 to 270 cubic feet of soil will also be generated and sampled. Any contaminated material encountered will be dispositioned in accordance with Removal Action No. 17, "Improved Storage of Soil and Debris." If the excavated soil is determined to be non-hazardous and non-radiologically contaminated, it may be used for backfill.

### **Categorical Exclusion to be Applied**

The authority for finding this project to be subject to NEPA Categorical Exclusion is contained in Subpart D of 10 CFR Part 1021, entitled "National Environmental Policy Act Implementing Procedures and Guidelines." The Final Rule and Notice, effective May 26, 1992, includes a list of Categorical Exclusions that are classes of actions that normally do not require the preparation of either an Environmental Impact Statement or an Environmental Assessment.

The Final Rule and Notice specifically lists in Part 1021, Appendix B to Subpart D, Sec. 1021.410, B1.15, the following as a type of action that is a Categorical Exclusion applicable to Specific Agency Actions:

Siting, construction, and operation of small-scale support structures (including prefabricated buildings and trailers) and/or small-scale modifications of existing buildings or structures, within or contiguous to an already developed area (where site utilities and roads are available). Covered support buildings and structures (and/or modifications) include those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; employee health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (including security posts); fire protection; and similar support services, but excluding facilities for waste storage activities, except as provided in other parts of this appendix.

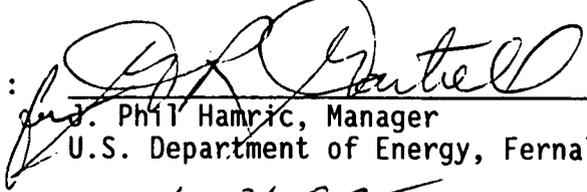
The construction of an awning over the radiological control point by Trailer 19 is considered a small-scale support structure. No waste storage activities will be conducted within this structure. Construction and operation of this awning will not violate applicable statutory, regulatory, or permit requirements; it will not require siting and construction or major expansion of waste disposal, recovery, or treatment facilities; and it will not adversely impact any environmentally sensitive areas (e.g., wetlands, floodplains, or the sole-source aquifer).

**Radiological Checkpoint Awning**

**Compliance Action**

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

Approval:



\_\_\_\_\_  
Phil Hamric, Manager  
U.S. Department of Energy, Fernald Field Office

Date:

\_\_\_\_\_  
10-21-93

United States Government

Department of Energy

Fernald Field Office

# memorandum

DATE: **OCT 21 1993**  
REPLY TO: DOE-0147-94  
ATTN OF: FN:Skintik  
SUBJECT: **CATEGORICAL EXCLUSION DETERMINATION (CX 434) RADIOLOGICAL CHECKPOINT AWNING**

TO: Carol Borgstrom, EH-25, FORS

The subject categorical exclusion (attachment) under Subpart D of the Department of Energy's National Environmental Policy Act Procedures and Guidelines, 10 CFR 1021, effective May 26, 1992, has been approved and is being forwarded for your review.

The Department of Energy, Fernald Field Office (DOE-FN) requests that you notify us within two weeks, in accordance with the Interim Procedural Guidelines for implementation of SEN-15-90, whether you have any objection to this determination.

If you have any questions regarding this matter, please contact Ed Skintik at (513) 648-3151.



J. Phil Hamric  
Manager

Attachment: As Stated

cc w/att:

R. S. Scott, EM-20, FORS  
K. A. Chaney, EM-424, TREV  
L. Harris, EM-431, TREV  
W. E. Woods, FERMC0/19  
Administrative Record Coordinator