

5912

G-000-108 .36

**CONDITIONAL APPROVAL CATEGORICAL EXCLUSION (CX 460),  
SITE INTEGRATED PARKING AREA / ACCESS ROAD PROJECT**

09/14/94

CX 460  
DOE-FN  
6  
CATX

FERMCO

5912



Department of Energy  
Fernald Environmental Management Project  
P.O. Box 398705  
Cincinnati, Ohio 45239-8705  
(513) 738-6357

SEP 14 1994

DOE-2402-94

Mr. Ken Alkema  
Fernald Environmental Restoration  
Management Corporation  
P. O. Box 398704  
Cincinnati, Ohio 45239-8704

Dear Mr. Alkema:

**CONDITIONAL APPROVAL CATEGORICAL EXCLUSION (CX 460), SITE INTEGRATED PARKING  
AREA / ACCESS ROAD PROJECT**

The enclosed categorical exclusion (CX) 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 conditionally approved by our office. Approval of this CX is conditional upon the issuance of a Notification of Involvement for Wetlands and completion of the required fifteen (15) day waiting period for public comment prior to field activity. As with any NEPA actions, field activity may proceed for those portions of the project that will not have any impact on the wetlands area. Obviously, those activities will proceed with the risk that additional requirements may be needed for wetlands. Based upon the available information, impacts to wetlands appear to be minimal.

Based on recent guidance from EM-42, the wetlands notification requirements will be accomplished through our office.

If you have any questions on this subject, please direct them to Ed Skintik at 648-3151.

Sincerely,

*Jack R. Craig*  
for Jack R. Craig  
Acting Director

FN:Skintik

Enclosure: As Stated

000001

cc w/enc:

K. Chaney, EM-423, TREV  
R. Scott, EM-20, FORS  
W. E. Woods, FERMC0  
Administrative Record

## NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

## CATEGORICAL EXCLUSION (CX) DETERMINATION

Site Integrated Parking Area/Access Road Project  
NEPA Document No. 460  
Fernald Environmental Management Project (FEMP)  
Fernald, Ohio

**Proposed Action**

The U.S. Department of Energy (DOE) at the Fernald Environmental Management Project (FEMP) proposes to construct a parking area and access road in support of site activities.

**Location**

The proposed action will include the construction of a parking area with a capacity for 280 vehicles directly south of the lime sludge ponds and west of Building 45 along the western edge of the former process area. An access roadway will also be constructed connecting the existing FEMP parking lot south of the Administration Building to the proposed parking area (see Attached Figure). The FEMP is a 1050 acre facility located 18 miles northwest of downtown Cincinnati, Ohio.

**Background**

As the FEMP site progresses towards restoration, greater demand for parking and site access will increase in response to the increased volume of workers. The construction of the roadway and parking area is intended to limit the volume of traffic, limit the demand for parking spaces, and allow site access flexibility for site workers. Specifically, the proposed action will support the Operable Unit 1 Pit 6 Treatability Study Project, the Operable Unit 4 Vitrification Pilot Plant Project, Building 30 and Building 45 personnel, construction department personnel, and future Operable Unit 2 activities associated with the remediation of the Lime Sludge Ponds.

**Description of the Proposed Action**

The proposed action will include all clearing and grubbing, radiation and cultural resource survey testing, civil and electrical work, and fencing installation. The parking area will include an area approximately 300 feet by 430 feet and will accommodate an 8-inch compacted and graded aggregate base. The access roadway will be approximately 1,870 feet long and 20 feet wide with a 3-foot shoulder on each side. Construction of the proposed access road includes placement of a 121-centimeter (48-inch) corrugated metal pipe in a .01 hectare (.04 acre) section of an emergent wetland. The area will be backfilled with 152 cubic meters (200 cubic yards) of clean soil to the proposed road elevation of 575 feet mean sea level (MSL). The maximum linear extent of the proposed fill within the wetland would extend 15 meters (50 feet). A security post equipped with accountability scanning equipment will be installed in the northern section of the parking area. Specific activities include the following:

- Radiation and cultural resource surveys. (Radiation tests will be performed prior to cultural resource surveys. Cultural resource surveys will be conducted in the proposed roadway areas prior to construction activities. Any impacts to cultural resources will be avoided through relocation of the road. Impacts that cannot be avoided will be mitigated in accordance with section 106 of the National Historic Preservation Act.
- Installation of a security gate to establish access for project deliverables (i.e. fill borrow, stone, and lighting equipment);
- Establishment of radiation control areas;
- Installation of erosion control devices;
- Compaction of roadway and parking area, installation of geotextile fabric, and application of limestone to establish an 8-inch base;
- Installation of a 121.9 centimeter (48 inch) corrugated pipe to allow normal and high water flow in the drainage ditch;
- Installation of lighting equipment (i.e., posts, hardware, and wiring);
- Installation of a security fence along the southern and northern boundary of the new parking area.
- Installation of a 4-foot radiation control fence east of the existing eastern security fence to establish a "clean" access to Building 30 and Building 45.
- Issuance of an Notice of Wetland Involvement (NOI) and a Wetland Assessment pursuant to 10 CFR 1022 "Compliance with Floodplain/Wetland Environmental Review Requirements".

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

The authority for finding this project to be subject to NEPA Categorical Exclusion is contained in Subpart D of the revision to 10 CFR Part 1021, entitled "National Environmental Policy Act Implementation Procedures and Guidelines." The Final Rule and Notice, effective May 26, 1992, included a revised and expanded 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 B1.11 and B1.15, the following types of actions that are Categorical Exclusions applicable to Specific Agency Actions:

- B1.11 - Installation of fencing, including that for border marking, that will not adversely affect wildlife movements or surface water flow.

B1.15 - Siting, construction, and operation of small-scale support buildings and 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 purposes, but excluding facilities for waste storage activities, except as provided in other parts of this appendix.

This CX is appropriate since the proposed action is in support of requirements by the FEMP to comply with regulatory and DOE requirements. The proposed action will include filling a 0.04 acre wetland area with 200 cubic yards of clean backfill soil; however, compliance with 10 CFR 1022 will be required. The proposed action will not violate any applicable statutory, regulatory, or permit requirements. Furthermore, the proposed action will not require siting and construction or major expansion of waste disposal, recovery, or treatment facilities.

#### 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: \_\_\_\_\_

*Ray Hansen*  
for Jack R. Craig, Acting Director  
U.S. Department of Energy, Fernald Area Office

Date: \_\_\_\_\_

*9/14/94*

