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**CATEGORICAL EXCLUSION DETERMINATION
K-65 EMERGENCY POWER SUPPLY NEPA DOC.
NO. 373**

03/03/92

NEPA DOC. 373

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CATEGORICAL EXCLUSION DETERMINATION

K-65 Emergency Power Supply
(FEMP NEPA Document No. 373)
Fernald Environmental Management Project
Fernald, Ohio

Proposed Action

The U.S. Department of Energy proposes to install a new diesel powered, self-contained emergency power generator adjacent to the K-65 Silos at the Fernald Environmental Management Project (FEMP) near Cincinnati, Ohio.

Location

The proposed action would take place adjacent to the K-65 Silos. The K-65 Silos are located west of FEMP process area near the western edge of the FEMP site. The FEMP site is located 18 miles northwest of downtown Cincinnati, Ohio.

Background

Under current conditions, if power were lost in the K-65 area, Silos 1 and 2 monitoring and surveillance systems would be interrupted until power is restored. The proposed action would provide emergency power to the K-65 silo monitoring and surveillance systems. The new emergency power supply is required by DOE so that the commitment to the general public to provide 24-hour, uninterrupted surveillance of the K-65 Silos 1 and 2 is met. Additionally, emergency power is required to support continuous monitoring as part of the K-65 Silos 1 and 2 Removal Action.

Description of the Proposed Action

The proposed action will include the installation of a 6" thick, concrete pad on grade with a 6" x 12" thick dike wall constructed around the pad. A new 60 KW diesel powered, self-contained emergency power generator will then be installed on the new pad. The diesel generator package will also include a separate 150 gallon fuel tank located next to the generator on the pad.

The proposed action will require several modifications to the current electrical system in the K-65 area. These modifications are as follows: (1) The new generator will tap into the existing electrical distribution lines on pole #108; (2) a new circuit disconnect will be installed on the field erected service panel next to pole #108; (3) a new automatic switching device with sun shield will be installed on this service panel; (4) a new diesel generator control panel will be installed on the pad next to the generator; (5) new cables will be run to the K-65 Silos T.V./lighting system from the service panel; and (6) a new power drop will be installed from the new service panel over to the new generator control panel.

Categorical Exclusion (CX) to be Applied

The authority for finding this project to be subject to NEPA Categorical Exclusion is contained in 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" (52FR47662, December 15, 1987, p. 47668).

The Amendments specifically list the following as types of actions that are included:

General plant projects such as road and parking area resurfacing, modifications to heating-ventilating-air conditioning systems, minor alterations of existing buildings and other similar projects where: (1) the projects are located within previously developed areas and will not affect environmentally sensitive areas such as archeological sites, critical habitats, floodplains, and wetlands and (2) the projects are not part of a proposed action that is or may be the subject of an EA or EIS.

The proposed action will not threaten a violation of applicable statutory, regulatory, or permit requirements; it will not require siting and construction expansion of waste disposal, recovery or treatment facilities; and it will not adversely affect any environmentally sensitive areas (e.g. wetlands, floodplains, or the sole source aquifer).

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: R. E. Tiller
R. E. Tiller, Manager
U.S. Department of Energy, Fernald Office

Date: 3/3/92

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

Signature: Carol Borgstrom, Director
Office on NEPA Oversight, EH-25

Date: _____

United States Government

Department of Energy

Fernald Office

Memorandum

March 30 1992

DATE:

DOE-1026-92

REPLY TO

ATTN OF: FN:Skintik

SUBJECT: CATEGORICAL EXCLUSION DETERMINATION (CX 373) - K-65 EMERGENCY POWER SUPPLY -
FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP), FERNALD, OHIO

TO: Carol Borgstrom, EH-25, FORS

Subject categorical exclusion (attachment) under Section D of the Department of Energy's National Environmental Policy Act Guidelines has been approved and is being forwarded for your review.

The Fernald Field Office requests that you notify us within two (2) 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, please contact Ed Skintik at FTS 774-6660.

R. E. Tiller
Manager

Attachments as Stated

cc w/att.:

- R. S. Scott, EM-20, FORS
- K. A. Hayes, EM-424, TREV
- L. Lawson, EM-431, TREV (2)
- C. J. Brown, WEMCO