



Department of Energy

Fermi Area Office
Post Office Box 2000
Batavia, Illinois 60510

JUL 02 2002

RECEIVED

JUL 8 2002

Environment,
Safety & Health Section

Mr. Gerald Brown, Associate
Director for Operations Support
Fermilab
P.O. Box 500
Batavia, IL 60510

Dear Mr. Brown:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DETERMINATION AT
FERMI NATIONAL ACCELERATOR LABORATORY - "MESON HILL SLOPE
RESTORATION" PROJECT

Reference: Letter, same subject, G. Brown to J. Monhart, dated 06/26/02.

I have reviewed the Fermilab Environmental Evaluation Notification Form (EENF) for the subject proposed project transmitted by your referenced letter. Based on the information provided in the EENF, I have approved the following project as a categorical exclusion (CX):

<u>Project Name</u>	<u>Approved</u>	<u>CX (s)</u>
Meson Hill Slope Restoration	07/01/2002	B6.1(h)

I am returning a signed copy of the EENF for your records. No further NEPA review is required. This project falls under a categorical exclusion(s) provided in 10 CFR 1021, as amended in 1996.

Sincerely,

Jane L. Monhart
Jane L. Monhart
Area Manager

Enclosure:
Signed EENF

cc: w/o encl.

M. Witherell
K. Stanfield
B. Chrisman
C. Trimby

cc: P. Kesich, ESHS, w/encl.
B. Griffing, ESHS, w/encl.
T. Dykhuis, ESHS, w/o encl.

SCANNED
Posted on the Web *Jan 25 2002*
Date 9-25-02

FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM

Project/Activity Title Meson Hill Slope Restoration

ES&H Tracking Number 01022

Funding Source Operating

Fermilab Project Manager Paul M. Kesich

Signature

Paul M. Kesich

Date

06/26/02

Fermilab NEPA Reviewer Teri Dykhuis

Signature

Teri L. Dykhuis

Date

6/25/02

I. Description of the Proposed Action

This project would repair a section of the northern part of Meson Hill, SWMU 13, which experienced a slope failure in December 2001. The project would require removal of the temporary covers and clearing and grubbing of surface vegetation, removal and relocation of exposed debris on the surface of the slope as needed, removal of the existing soil piled at the toe of the slope, recontouring of the failed area with clay and soil, compaction of the backfill material in horizontal lifts, installation of erosion control measures, and revegetation of the repaired area.

The Illinois Environmental Protection Agency has formally required repair of this slope failure by means of a documented directive. The "no action" alternative would not fulfill the purpose/need of the proposed activity.

II. Description of the Affected Environment

The area is roughly a 30 x 30 foot section along the north side of Meson Hill. Meson Hill is a Solid Waste Management Unit that was originally constructed with soil, clean fill and construction and demolition debris. The unit ceased operation in 1992 and received its Certification of Closure in 1998.

III. Potential Environmental Effects (Provide comments for each checked item and where clarification is necessary.)

A. Sensitive Resources: Will the proposed action result in changes and/or disturbances to any of the following resources?

- Threatened or endangered species
- Other protected species
- Wetland/Floodplains
- Archaeological or historical resources
- Non-attainment areas

B. Regulated Substances/Activities: Will the proposed action involve any of the following regulated substances or activities?

- Excavation
- Noise
- Asbestos
- PCBs
- Chemical storage or use
- Pesticides
- Hazardous, toxic or criteria air emissions

- Liquid effluents
- Underground storage tanks
- Hazardous waste
- Radioactive waste
- Radioactive exposures

C. Other relevant Disclosures

- Threatened violation of ES&H permit requirements
- Siting/construction/major modification of waste recovery or TSD facilities
- Disturbance of pre-existing contamination
- New or modified permits
- Public controversy
- Action/involvement of another federal agency
- Public utilities/services
- Depletion of a non-renewable resource

IV. NEPA Recommendation

Fermilab has reviewed this proposed action and conclude that the appropriate level of NEPA determination is a Categorical Exclusion. The conclusion is based on the proposed action meeting the applicable requirements in DOE's NEPA Implementation Procedures, 10 CFR 1021, Subpart D, Appendix ~~B6.3~~ *B6.1(h)*.

V. DOE/CH-FAO NEPA Coordinator Review

Concurrence with the recommendation for determination:

NEPA Coordinator reviewer J. Cooper
 Signature Jan P. Cooper
 Date 07/01/02

Fermi Area Manager Jane L. Monhart
 Signature James A. Miller
 Date 7/2/02

VI. Comments on checked items in section III.

Excavation

Excavation activities associated with this project would follow erosion control planning practices as specified in the Fermilab ES&H Manual, Chapter 8012. Erosion control practices and controls shall conform to the Illinois Urban Manual.

Disturbance of pre-existing contamination

Meson Hill is a Solid Waste Management Unit covered under the Fermilab RCRA Facility Investigation. It has been characterized and is currently in a 15-year post closure care period. It was originally constructed with soil, clean fill and construction and demolition debris. All of the materials were received exclusively from the Fermilab site and were placed directly upon the ground surface without excavation. No hazardous waste has been identified in the characterization or post closure care monitoring.