



Department of Energy

Fermi Area Office
Post Office Box 2000
Batavia, Illinois 60510

APR 25 2002

RECEIVED
APR 29 2002
Environment,
Safety & Health Section

Mr. Gerald C. 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 - "INDUSTRIAL BUILDING
3 UPGRADE" PROJECT

Reference: Letter, same subject, G. Brown to J. Monhart, dated 04/23/02.

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>
Industrial Building 3 Upgrade	04/24/2002	B1.15

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
Area Manager

Enclosure:
Signed EENF

cc: w/o encl.

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

- cc: D. Chichili, TD, w/o encl.
- B. Griffing, ESHS, w/encl.
- T. Dykhuis, ESHS, w/o encl.

SCANNED
Posted on the Web Server
Date 9-25-02

FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM

Project/Activity Title Industrial Building 3 Upgrade
ES&H Tracking Number 01020 Funding Source GPP
Fermilab Project Manager Deepak Chichili

Signature Deepak Reddy

Date 04/17/02

Fermilab NEPA Reviewer Teri Dykhuis

Signature Teri Dykhuis

Date 4/23/02

I. Description of the Proposed Action

This project would consist of excavating a portion of the paved parking lot east of the existing Industrial Building (IB)-3 structure, and erecting a two story self-sufficient building that would be connected to the existing structure via an atrium arrangement.

The new construction would have a footprint approximately 41 feet by 193 feet, and would have approximately 13,700 square feet of space on two floors. The new structure would not be directly attached to the existing IB-3 structure, but would be connected to IB-3 via some sort of atrium structure.

The upgrade to IB-3 is needed to consolidate various operations within the Engineering and Fabrication Department, including the Material Development Lab (currently located in Lab 5) and the Engineering Lab (currently located in ICB). The upgrade would also consolidate and add much needed office space. The "no action" alternative would not fulfill the purpose/need of the proposed activity.

II. Description of the Affected Environment

The only environmental impact would result from the necessary excavation; the area to be excavated is currently a paved parking lot and therefore involves previously disturbed land. The approximate volume of material to be excavated is 1760 cubic yards. Of this total, approximately 75 cubic yards would consist of paving asphalt and another 100 cubic yards would consist of gravel base; this would be disposed off site. The remainder would be soil and this would be stockpiled on site.

Runoff from the existing parking lot to the east of IB-3 enters an existing pond to the north of IB-3 and the parking lot. Runoff from the roof of the new structure would also be directed to this pond as it is for other buildings in the industrial complex.

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 B1.15.

V. DOE/CH-FAO NEPA Coordinator Review

Concurrence with the recommendation for determination:

NEPA Coordinator reviewer J. P. Cooper
 Signature Jonathan P. Cooper
 Date 04/24/02

Fermi Area Manager Jane L. Monhart
 Signature Jane L. Monhart
 Date 4/25/02

VI. Comments on checked items in section III.

Excavation -- The excavation required to complete this project is estimated at 1760 cubic yards. All excess and unsuitable excavation spoils would be removed from Fermi site and disposed of in an approved manner. Standard methods based on the Illinois Urban Manual would be used to control soil erosion. Asphalt and gravel base removed would be properly disposed offsite.