



Department of Energy

Fermi Site Office
Post Office Box 2000
Batavia, Illinois 60510

SEP 14 2011

Dr. Bruce L. Chrisman
Chief Operating Officer
Fermilab
P.O. Box 500
Batavia, IL 60510

Dear Dr. Chrisman:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) DETERMINATION AT
FERMI NATIONAL ACCELERATOR LABORATORY (FERMILAB) –
DEMOLITION OF SITE 12 BARN

Reference: Letter, from B. Chrisman to M. Weis, dated September 8, 2011, Subject:
National Environmental Policy Act (NEPA) Environmental Evaluation Notification
Form (EENF) for the Demolition of Site 12 Barn

I have reviewed the Fermilab EENF for the Demolition of Site 12 Barn. Based on the
information provided in the EENF, I have approved the following categorical exclusion (CX):

<u>Project Name</u>	<u>Approved</u>	<u>CX</u>
Demolition of Site 12 Barn	9/12/2011	B1.23

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 provided in *10 CFR 1021*, as amended in
November 1997.

Sincerely,

Michael J. Weis
Site Manager

Enclosure:
As Stated

cc: P. Oddone, w/o encl.
Y. - K. Kim, w/o encl.
N. Grossman, w/encl.
T. Dykhuis, w/encl.

FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM

Project/Activity Title: Demolition of Site 12 Barn
ES&H Tracking Number: 01096
Funding Source: Operating
Fermilab Project Owner: Kent Collins (X2874)

I hereby certify via my signature that every effort would be made throughout this project to comply with the commitments made in this document and to pursue cost-effective pollution prevention opportunities. Pollution prevention (source reduction and other practices that eliminate or reduce the creation of pollutants) is recognized as a good business practice which would enhance site operations thereby enabling the Lab to accomplish its mission, achieve environmental compliance, reduce risks to health and the environment, and prevent or minimize future DOE legacy wastes.

Fermilab Project Owner: Kent Collins

Signature Kent Collins
Date 9/8/11

Fermilab NEPA Reviewer: Teri L. Dykhuis

Signature Teri L. Dykhuis
Date 9/8/11

I. Description of the Proposed Action and Need

Purpose and Need:

The purpose of the proposed demolition of the Site 12 Barn is to eliminate this building, which no longer has a useful function, from the Fermilab foot print. This demolition is needed to ameliorate potential safety hazards posed because the building is structurally failing; additionally, removal of the building would alleviate the demand on maintenance resources.

Proposed Action:

The barn, which is located on the east side of Kautz Road and is approximately 1000 feet north of the Kautz Road gate at Butterfield, would be demolished and the site elevation would be restored, with topsoil, to a level of at least 18 inches above the remaining foundation, which would be left in place.

Alternatives

The only alternative would be "no action", i.e., allowing the structure to remain. The no action alternative would not accomplish the purpose and need as stated above.

II. Description of the Affected Environment

The barn is a three story construction and approximately 45 feet by 110 feet or 5000 square feet in area. The site has no utility connections, and there are no chemical or radiological issues in the building.

The subcontract for demolition would specify that barn materials, especially the wood siding, would be recycled to the maximum extent practicable, and a report on the percentage of recycled materials submitted to Fermilab at the conclusion of the project.

III. Potential Environmental Effects (If the answer to the questions below is “yes”, provide comments for each checked item and where clarification is necessary.)

A. Sensitive Resources: Would 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: Would the proposed action involve any of the following regulated substances or activities?

- Clearing or Excavation
- Demolition or decommissioning
- Asbestos removal
- PCBs
- Chemical use or storage
- Pesticides
- Air emissions
- Liquid effluents
- Underground storage tanks
- Hazardous or other regulated waste (including radioactive or mixed)
- Radioactive exposures or radioactive emissions
- Radioactivation of soil or groundwater

C. Other Relevant Disclosures: Would the proposed action involve any of the following actions/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. Comments on checked items in section III.

Demolition would require the involvement of the real property disposition process. These requirements would be met by the FESS Real Property Staff.

Clearing/Excavation would entail what is necessary to demolish, move, and load all demolition materials. At the conclusion of the demolition, the site would be restored so that the final grade would be a minimum of 18 inches above the foundation.

V. NEPA Recommendation

Fermilab staff have reviewed this proposed action and concluded that the appropriate level of NEPA determination is a Categorical Exclusion. The conclusion is based on the proposed action meeting the description found in DOE’s NEPA Implementation Procedures, 10 CFR 1021, Subpart D, Appendix B1.23.

B1.23 states the following: "Demolition and subsequent disposal of buildings, equipment, and support structures (including but not limited to, smoke stacks and parking lot surfaces."

VI. DOE/CH-FAO NEPA Coordinator Review

Concurrence with the recommendation for determination:

Fermi Site Office (FSO) Manager: Michael J. Weis

Signature Michael J. Weis for

Date 9/13/2011

FSO NEPA Coordinator Reviewer: Rick Hersemann

Signature Rick Hersemann

Date 9/12/11

