

JUN 20 2014

Ms. Victoria A. White
Chief Operating Officer
Fermilab
P.O. Box 500
Batavia, IL 60510

Dear Ms. White:

SUBJECT: NATIONAL ENVIRONMENTAL POLICY ACT DETERMINATION AT FERMI
NATIONAL ACCELERATOR LABORATORY – 2014 DEMOLITION JOBS

Reference: Letter, from V. White to M. Weis, dated June 17, 2014, Subject: National
Environmental Policy Act Environmental Evaluation Notification Form for 2014
Demolition Jobs

I have reviewed the National Environmental Policy Act (NEPA) Environmental Evaluation
Notification Form (EENF) for the 2014 Demolition Jobs. 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>
2014 Demolition Jobs	6/19/2014	B1.23

I am returning a signed copy of the EENF for your records. No further NEPA review is required.
This project falls under categorical exclusions provided in 10 *CFR* 1021, as amended in
November 2011.

Sincerely,



Michael J. Weis
Site Manager

Enclosure:
As Stated

cc: N. Lockyer, w/o encl.
M. Michels, w/encl.
A. Kenney, w/o encl.
T. Dykhuis, w/encl.

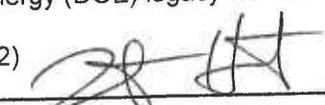
bc: J. Scott, w/o encl.
R. Hersemann, w/encl.

**FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM
(EENF) for documenting compliance with the National Environmental Policy
Act (NEPA), DOE NEPA Implementing Regulations, and the DOE NEPA
Compliance Program of DOE Order 451.1B**

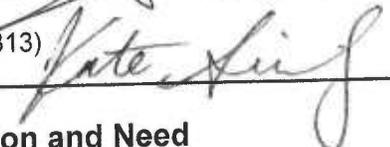
Project/Activity Title: 2014 Demolition Jobs
ES&H Tracking Number: 01126

I hereby verify, via my signature, the accuracy of information in the area of my contribution for this document and that every effort would be made throughout this action 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 Fermilab to accomplish its mission, achieve environmental compliance, reduce risks to health and the environment, and prevent or minimize future Department of Energy (DOE) legacy wastes.

Fermilab Action Owner: Jonathan Hunt (X4312)

Signature and Date  6/16/14

Fermilab ES&H Officer: Kate Sienkiewicz (X4313)

Signature and Date  6/16/14

I. Description of the Proposed Action and Need

Purpose and Need:

The purpose of the proposed demolitions is to remove idle or vacant trailers which no longer serve useful functions. The demolitions are needed to eliminate the costs associated with maintenance and operation of these trailers.

Proposed Action:

All trailers would be removed from the Fermilab site and recycled where possible. Sites would return to their original profiles and re-vegetated where applicable. The work would remove Collider Detector Facility Trailers 085, 144, 145, 149, 163, 165, 166, 168, 169, 170, 171 and also Detector Zero Trailers 151, 173, 175 and 177. The total project area varies for each demolition but the total aggregate area would be approximately 0.95 acres.

Alternatives Considered:

The 'no action' alternative would allow non-functional and/or vacant trailers to stand and would waste resources on maintenance and utility services. The trailers are unsuitable for alternate uses due to their deteriorated conditions.

II. Description of the Affected Environment

See section III and IV for further information.

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 or Decommissioning

The work would consist primarily of demolition, removal, and recycling of various building materials. The Subcontractor would be required to dispose of all construction and debris waste with a recycling vendor and obtain a report on the amounts of each material recycled to submit to Fermilab.

In addition, the project would reduce the domestic water supply piping and cap some service branches currently serving trailers.

Asbestos

The structures may contain small amounts of asbestos. Subcontractors would be required to conduct an assessment prior to demolition; and if present, asbestos would be removed by a licensed vendor.

Regulated Waste

The structure may contain small amounts of regulated waste, e.g., lead-based paint. Subcontractors would be required to conduct an assessment prior to demolition work and if regulated wastes are present, the Subcontractor would be required to coordinate with the Fermilab Waste Technology Team to ensure proper disposal.

V. NEPA Recommendation

Fermilab staff has evaluated the proposed action and believe a Categorical Exclusion is appropriate. It is believed that the proposed action meets the description found in DOE's NEPA Implementation Procedures, 10 CFR 1021, Subpart D, Appendix B1.23 – *Demolition and disposal of buildings*.

Diagrams of current locations of Detector Zero Facility trailers

