Department of Energy
Fermi Area Office
Post Office Box 2000
Batavia, Illinois 60510

JUN 14 2002

RECEIVED
JUN 18 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 - "SITE-WIDE CATEGORICAL EXCLUSION: ROUTINE MAINTENANCE"

Reference: Letter, same subject, G. Brown to J. Monhart, dated 05/23/02

I have reviewed the Fermilab Environmental Evaluation Notification Form (EENF) transmitted by your referenced letter for projects and activities related to site-wide routine maintenance. Based on the information provided in the EENF and some follow-up discussions with both Fermilab and Chicago Operations Office staff, I have approved the following as a categorical exclusion (CX):

Project/Activities Name	Approved	CX (s)
Site-Wide CX: Routine Maintenance	06/11/2002	B1.3

As you may know, the EENF supporting this CX approval resulted from a thorough review of the existing site-wide CX titled "Routine Maintenance at Fermilab" and approved by the Chicago Operations Office Manager in May 1991. My approval of this new, revised site-wide CX for these activities will now result in the replacement of the previous one.

I am returning a signed copy of the EENF for your records. No further NEPA review is required for projects and/or activities meeting the conditions specified in the approved EENF. 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

SCANNED
Posted on the Web Server
Date 6/25/02

cc: M. Witherell, w/o encl.
K. Stanfield, w/o encl.
B. Chrisman, w/o encl.
C. Trimby, w/o encl.
R. Walton, FESS, w/o encl.
B. Griffing, ESHS, w/encl.
P. Kesich, ESHS, w/encl.
T. Dykhuis, ESHS, w/o encl.

FERMILAB ENVIRONMENTAL EVALUATION NOTIFICATION FORM

Grantee/Contractor Laboratory: Fermi National Accelerator Laboratory

Project/Activity Title: Site-Wide Categorical Exclusion: Routine Maintenance

CH/Fermi Tracking No.: Fermi-CX-RM Type of Funding: N/A

B&R Code: Total Estimated Cost: N/A

DOE Cognizant Secretarial Officer (CSO)

Contractor Project Manager: Gerald C. Brown Signature: Gerald C. Brown
Date: 23 May 2002

Contractor NEPA Reviewer: Paul M. Kesich Signature: Paul M. Kesich
Date: 05-22-02

I. Description of Proposed Action:

SCOPE:

This CX covers routine maintenance activities, and supersedes the previous CX approved for Fermilab by DOE on May 21, 1991. Activities covered by this CX, meeting the restrictions specified at the end of this section, include the following:

a) Installation or repair of underground utilities including sewers, electrical, public water supplies and industrial water supplies, natural gas lines, and communications. The work includes excavation of earth, asphalt, concrete, gravel, rock or sand; backfilling, including placement of sand, gravel, or other compactable fill; and placement of asphalt, concrete, or topsoil and vegetation as required to restore the excavated and disturbed areas to a suitable profile and condition.

b) Construction or relocation of small (<256 sq. ft.) support structures such as sheds, enclosures, docks, or room additions.

c) Installation, removal, and replacement activities that occur on a regular and routine basis. This applies to all buildings and enclosures at Fermilab and previously disturbed ground adjacent to those buildings. Actions include, but are not limited to, installation of piping systems, HVAC equipment, standard electrical equipment, communications systems, construction and finishing of partitions, access docks, and concrete pads. Examples of actions undertaken under this paragraph include, but are not limited by:

i. Maintenance related to operation and testing of facility equipment, including minor modifications to components of existing accelerators that improve performance. Maintenance of shielding berms.
ii. Maintenance and repair of existing monitoring wells, including replacement of well components.
iii. Landscaping and horticultural activities, including but not limited to, mowing, fertilizer application, pesticide/herbicide application, removal or planting of trees.
iv. Maintenance and repair of existing roads, parking lots, hardstands and sidewalks, including the adjacent area (within 25 ft).
v. Snow removal on roads, trails, parking lots and sidewalks.
vi. Maintenance and repair of existing man-made swales, waterways, ditches, spillways, weirs, and industrial cooling ponds, including shoreline maintenance and maintenance of water intake structures.
vii. Installation and maintenance of fencing to restrict access to radiation control areas.

viii. Farm leasing actions, tilling, licensed pesticide/herbicide application, and other farming activities undertaken for routine farm leasing activities in designated farm tracts.
ix. Prairie reconstruction and other land management activities, including plowing, planting and prescribed burns covered by Clean Air Act permits.
x. Routine transportation of hazardous materials in compliance with applicable standards.
xi. Incidental removal of asbestos-containing materials during maintenance otherwise covered by this CX.

RESTRICTIONS:

a) Activities undertaken under this CX will follow the conditions in 10CFR1021, Subpart D, Appendix B "Conditions that are Integral Elements of the Classes of Actions in Appendix B". Activities described in this CX shall not result in adverse impacts to wetlands, flood plains, or historically significant sites. In addition, this CX shall not include any actions that adversely affect prairie reconstruction areas.
b) All activities shall adhere to 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.
c) All activities involving clearing, grubbing, digging, trenching or other land disturbance shall be limited under this CX to areas disturbed since 1969.
d) All practicable measures to minimize waste and prevent/reduce pollution shall be utilized in actions taken under this CX. All debris shall be recycled where possible.
e) No actions shall be taken under this CX that would require new permits or modifications to existing Federal or State permits.

II. **Description of Affected Environment:**
All areas site-wide would be potentially impacted. However, because the proposed activities described above in Section I would be required to meet the restrictions outlined above, they would have minimal to no adverse impact on the environment.

III. **Potential Environmental Effects:** (Attach explanation for each "yes" response, and "no" responses if additional information is available and could be significant in the decision making process.)

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

	Yes/No
1. Threatened/Endangered Species and/or Critical Habitats	X
2. Other Protected Species (e.g. Burros, Migratory Birds)	X
3. Wetlands	X
4. Archaeological/Historic Resources	X
5. Prime, Unique or Important Farmland	X
6. Non-Attainment Areas	X
7. Class I Air Quality Control Region	X
8. Special Sources of Groundwater (e.g. Sole Source Aquifer)	X
9. Navigable Air Space	X
10. Coastal Zones	X
11. Areas w/Special National Designation (e.g. National Forests, Parks, Trails)	X
12. Floodplain	X

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

	Yes/No
13. Clearing or Excavation (indicate if greater than 1 acre)	X

Excavation activities may occur within the limits of this CX. The volume of excavation will be less than 1 acre and internal policies for erosion control followed.

14. Dredge or Fill (as defined by Clean Water Act section 404; indicate if greater than 1 acre)	X
15. Noise (in excess of regulations)	X

Internal policies for hearing protection will be followed if exceeding of decibel limits is expected.

16. Asbestos Removal	X

Incidental removal activities may be necessary and will follow proper removal requirements.

17. PCBs	X

The potential for disposal of PCB waste may occur, especially in maintenance of site-wide lighting, and will follow proper routine disposal methods.

18. Import, Manufacture or Processing of Toxic Substances	X
19. Chemical Storage/Use	X

Would be limited to use/storage of chemicals already routinely present in the project area or elsewhere at the lab. All special products, chemicals, etc. will have MSDS's available.

20. Pesticide Use	X

Will follow Chemical Storage/Use requirements and proper use/application requirements as per product label.

21. Hazardous, Toxic, or Criteria Pollutant Air Emissions	X

Would follow applicable permit requirements.

22. Liquid Effluent	X
23. Underground Injection	X
24. Hazardous Waste	X

All requirements for hazardous waste storage/disposal would be followed. Waste would be limited to waste types and quantities already routinely produced at the lab and would be subject to waste minimization efforts.

25. Underground Storage Tanks	X
26. Radioactive (AEA) Mixed Waste	X
27. Radioactive Waste	X

All requirements for radioactive waste storage/disposal would be followed. Waste would be limited to waste types and quantities already routinely produced at the lab and would be subject to ALARA and waste minimization efforts.

28. Radiation Exposures	X

Employee exposures would be kept below Fermilab maximum allowable limits by ALARA analyses, proper job planning, etc. On-going doses would be subject to the limits in the Fermilab Radiological Controls Manual.

C. Other Relevant Disclosures. Will the proposed action involve the following?

		Yes/No
29.	A threatened violation of ES&H regulations/permit requirements	X
30.	Siting/Construction/Major Modification of Waste Recovery, or TSD Facilities	X
31.	Disturbance of Pre-existing Contamination	X
32.	New or Modified Federal/State Permits	X
33.	Public controversy (e.g. Environmental Justice Executive Order 12898 consideration and other related public issues.)	X
34.	Action/involvement of Another Federal Agency (e.g. license, funding approval)	X
35.	Action of a State Agency in a State with NEPA-type law. (Does the State Environmental Quality Review Act Apply?)	X
36.	Public Utilities/Services	X
37.	Depletion of a Non-Renewable Resource	X

IV. **Section D Determination**: Is the project/activity appropriate for a determination by the OM/FAO Manager under Subpart D of the DOE NEPA Regulations for compliance with NEPA?

Yes

Indicate the NEPA recommendation and specific class(es) of action from Appendix A-D to Subpart D (10 CFR 1021)

B1.3

DOE-FAO GROUP NEPA COORDINATOR REVIEW:

Concurrence with Recommended Determination:

DOE CH-FAO NEPA Coordinator Reviewer: Jon Cooper

Signature: Jonathan P. Cooper

Date: 6/11/02

FAO Manager Approval of CX Determination:

The preceding pages are a record of documentation required under DOE Final NEPA Regulation, 10 CFR 1021.400 to establish that an action may be categorically excluded from further NEPA review. I have determined that the proposed action meets the requirements for the Categorical Exclusion referenced above. Therefore, by my signature below, I have determined that the proposed action may be categorically excluded from further NEPA review and documentation.

FAO Manager:

Jane L. Monhart

Signature: Jane L. Monhart

Date: 6/11/02

DOE-CH Concurrence:

Concurrence with site-wide CX determination:

CH NCO: Peter Siebach

Signature: Peter R. Siebach

Date: 6/7/02

CH LGL: Vicki Prouty

Signature: Vicki L. Prouty

Date: 6/7/02

Kesich