

Proposed Generic Categorical Exclusion (CX) for Fermilab Routine Maintenance
Accepted by DOE on June 11, 2002

I. Description of Proposed Actions

This CX covers routine maintenance activities, and supercedes the previous CX approved for Fermilab by DOE on May 21, 1991. Actions covered by this CX 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.

II. 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 modifications to Federal or State permits.