

Generic Categorical Exclusion (CX) for Maintenance Activities

CX-GEN-011

The DOE Thomas Jefferson Site Office (TJSO) proposes to perform various maintenance activities, including corrective, preventive, and predictive maintenance and maintenance-related activities for DOE facilities and properties at the Thomas Jefferson National Accelerator Facility (TJNAF).

The proposed actions comprise maintenance activities typically requested for operational support of facilities and properties, consistent with the classes of actions provided for in 10 C.F.R. §1021 App B to Subpart D. These actions are intended to maintain current operations. The following types of activities are covered:

1. Direct replacement or removal of equipment and/or facility components.
2. Maintenance, installation, relocation, removal, and repair of equipment, facility components, and associated systems.
3. Maintenance, repair, relocation, modification, and installation of utility systems.
4. Installation, repair, and modification of heating, ventilating, and air conditioning systems and associated filtration systems.
5. Maintenance, repair, installation or direct replacement associated with structures or buildings, including elevators, cranes, lifts, hoists, doors, ceilings, walls, windows, floors, floor coverings, painting, siding, roofing, and the mounting and hanging of wall items.
6. Routine service activities.
7. Maintenance support activities required to maintain environment, safety, and health standards.
8. Maintenance of waste treatment, storage, and disposal facilities.
9. Maintenance of surplus facilities in accordance with radioactive waste management.
10. Maintenance and repair of environmental monitoring systems.
11. Groundwater monitoring well installation and maintenance that would include maintenance, repair or replacement of well caps, hasps, locks, protective casings, posts, and concrete pads. Well maintenance would also cover additional well development to remove incrustation and sediment accumulations, well logging, and regrading/paving of access roads to maintain access to well sites.
12. Maintenance of existing structures in support of sewage treatment and groundwater treatment utilities.
13. Maintenance and support of ventilation controls, air scrubbing systems, absorption and filtration systems.
14. Maintenance and repair of office equipment, including printers, scanners, laser printers, copiers, cameras, and phototypesetters.
15. Routine radiological decontamination of equipment, tools, rooms and other interior surfaces and removal of contaminated intact equipment and other materials where the action is not part of a decommissioning project.
16. Routine paving of gravel parking lots and roads.
17. Surveillance and maintenance associated with storage of radioactive waste.
18. Small-scale routine open burning of cleared woody brush from landscape maintenance activities, in accordance with approved permits, which will not occur in sensitive areas such as archaeological or historic sites and which will have no impact on (a) habitats of any threatened, endangered, or other rare wildlife species of special concern; (b) floodplains; or (c) wetlands.
19. Activities that would be required for disconnecting utility services such as water, steam, cryogenics, telecommunications, and electric power after it has been determined that continued operation of these system would not be needed for safety purposes.

Any wastes generated as a result of maintenance activities would necessarily be acceptable for disposal in existing facilities, consistent with all applicable permit requirements as provided for in environmental, safety and health statutory or regulatory frameworks. Any proposed action would be evaluated for Pollution Prevention for active options to reduce or eliminate generation of waste materials.

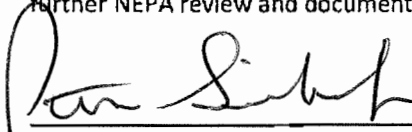
To ensure that environmentally sensitive resources are protected, proposed actions would be subject to 10 C.F.R. §1021, Appendix B. Conditions That Are Integral Elements of the Classes of Actions in Appendix B. Moreover, existing maps and surveys/studies on threatened and endangered species, wetlands and floodplains and historically sensitive areas that have been used in any Environmental Assessments, Environmental Impact Studies, or Supplement Analyses for TJNAF can be used to locate these areas. Personnel responsible for identifying environmentally sensitive resources would be consulted, and if warranted, additional surveys and walkovers would be conducted to confirm or update available information.

Proposed actions would not be connected to other actions with potentially significant impacts or related to other proposed actions with cumulatively significant impacts. Further, proposed actions would include the conditions identified in 10 C.F.R. 1021 Appendix B. Should the proposed action not meet the conditions for CX consideration, a separate NEPA document would be prepared and submitted to the NEPA Compliance Officer for review and approval, prior to final approval by the TJSO Site Manager.

Although an action might fall under the category of "routine maintenance", a separate NEPA review would be performed and documented should the action or related/cumulative effect of the action have the potential to result in an unusual or significant impact to the environment, or in any way not fit within the classes of actions identified in 10 C.F.R. 1021 Appendix B.

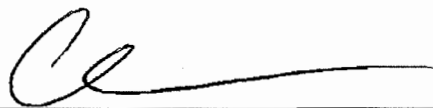
B1.3, B1.27, B1.31, B2.2, B2.3, and B2.5 are the applicable CXs that cover the proposed actions in DOE NEPA Implementing Procedures, Final Rule, 57 FR 15122, Subpart D, Appendix B.

Based on my review of the above description, I have determined that the above actions are categorically excluded from further NEPA review and documentation.



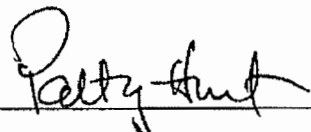
Peter Siebach, TJSO NEPA Compliance Officer

9/8/17
Date



Colin Colverson, Office of Chief Council

9/11/17
Date



Patty Hunt, NEPA Coordinator, Thomas Jefferson Site Office

8-31-17
Date