

Categorical Exclusion (CX) for Installing an Ammunition Storage Building and a Training Tower at the Central Training Facility (CTF) (CX-ORR-10-0001)

The U.S. Department of Energy (DOE) Oak Ridge Office (ORO) proposes to install an ammunition storage building and a training tower at the Central Training Facility (CTF) located on West Bear Creek Road. The existing facilities at the CTF are used for training federal and contract security personnel in the use and safe handling of firearms, security responses, and in the protection of personnel and property.

The ammunition storage building would be used for storing larger shipments of training ammunition. Currently, the CTF does not have adequate facilities for truck-load type of deliveries. The proposed action consists of constructing a 40-ft by 50-ft one-story precast modular concrete building on a cast-in-place concrete pad/foundation. The building will be situated in an existing graveled area in the west end of the CTF. A portion of an existing concrete pad and wall will be demolished and only minor amounts of excavation will be required along the perimeter of the graveled area.

The training tower (constructed to similar specifications as used at the nearby National Nuclear Security Administration Y-12 facility) will be used to conduct training exercises for elevated tower firing of an assault weapon. This project will consist of a 16-ft by 16-ft engineered metal training tower. The tower will be placed on a cast-in-place concrete pad/foundation in an existing grassed area. Only minor amounts of excavation will be required for the tower foundation.

All current DOE Order 440.1B, *Worker Protection Program for DOE (including the National Nuclear Security Administration) Federal Employees*, 10 CFR 851, Worker Safety and Health Program, and DOE Manual 440.1-1A, *DOE Explosives Safety Manual*, requirements would be followed. Department of Transportation (DOT) guidelines would be followed for ensuring proper labeling/markings of hazardous materials being transported and for placarding transport vehicles. An approved safety and health plan would be required prior to utilizing the ammunition storage building and the training tower.

Best management practices would be implemented for erosion control during installation of the building and tower. There are no storm drains, sewage manholes, or catch basins in the area, and any excavation materials would be managed in a manner that prevents storm water runoff concerns. Equipment spill prevention measures would be considered as part of the overall project planning, and construction equipment would be inspected daily to ensure proper operation and determine if any leaks are present.

The contractor would, to the extent practicable, incorporate cost-effective pollution prevention practices in all operations and would reduce waste generation, maximize recycle and reuse of materials, minimize the use of hazardous materials, and maximize resource conservation (including energy and water). An excavation/penetration permit would be required from DOE ORO Facility Management prior to starting the project. The contractor performing the work would be responsible for compliance with all applicable Federal, state, and local environment, safety, health and other requirements, as well as compliance with all permits and ordinances, as applicable.

The proposed action would be conducted under DOE authorities pursuant to the Atomic Energy Act (AEA) and would be consistent with current and future DOE actions. The

proposed action meets the eligibility criteria for conditions that are integral elements of actions eligible for categorical exclusion as stated in 10 CFR 1021, Subpart D, Appendix B.

The proposed action would not threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive orders, and would not pose any significant individual or cumulative environmental effects.

The proposed action would be conducted in a previously disturbed area and would not adversely affect environmentally sensitive resources such as archaeological or historical sites, endangered species, critical habitats, floodplains, and wetlands. No activities would be conducted in and around floodplains and wetlands.

The proposed action would not require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators). Wastes generated must be appropriately characterized and disposed at existing permitted/approved waste storage, treatment, or disposal facilities and managed or disposed in accordance with applicable requirements delineated in Federal, state, and local regulations.

Fugitive emissions (dust) generated from equipment involved in the construction would be controlled in accordance with Tennessee Air Pollution Control regulations.

The described action is not connected to other actions with potentially significant impacts and is not part of a proposed action that is or may be the subject of an Environmental Assessment or an Environmental Impact Statement. There are no extraordinary circumstances related to this action, and the proposal is not connected to other actions with potentially significant impacts.

The proposed action would not disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that may preexist in the environment. This proposed action is in a previously disturbed area and would not require additional disturbances.

The Categorical Exclusion (CX) applicable to the proposed action is from DOE NEPA Implementing Procedure, 10 CFR Part 1021, Subpart D, Appendix B: Section B.1.15 for siting, construction, and operation of support buildings and support structures.

The proposed action that would take place on the DOE Oak Ridge Reservation has been reviewed in accordance with the *Cultural Resource Management Plan, DOE Oak Ridge Reservation Anderson and Roane Counties, Tennessee* (DOE/ORO-2085, issued July 2001) and found to be addressed in Section 5.1.1.3.A.1.

The above description accurately describes the proposed action which reflects the requirements of the CX cited above. Therefore, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

SIGNED BY DONAT ST. PIERRE

5/12/10

Donat St. Pierre
DOE Program Manager

Date

Based on my review and the recommendation of the DOE ORO Program Manager, I have determined that the proposed action is categorically excluded from further NEPA review and documentation.

SIGNED BY JAMES L. ELMORE for

5/13/10

Gary S. Hartman, NEPA Compliance Officer
DOE ORO

Date