

LLNL CATEGORICAL EXCLUSION DETERMINATION FORM

ESPM LOG No: 23-22200		NNSA/LFO LOG No: 1-23
1. PROJECT/ACTIVITY TITLE: Building 611 Underground Storage Tank Replacement		DATE: FY24
2. PROJECT DESCRIPTION: The purpose of the proposed project is to replace the existing underground storage tanks (USTs) and fuel dispensers at Building (B) 611 with new aboveground storage tanks (ASTs) and fuel dispensers. The project is needed because the existing B611 fueling station and USTs require modification or replacement to remain in compliance with applicable regulatory requirements. The existing fueling station at B611 consists of three double-walled, fiberglass USTs—two 12,000-gallon USTs for unleaded gasoline and one 10,000-gallon UST for diesel, along with associated single-walled steel fuel piping. The proposed project would include the demolition and disposal of the three existing USTs and associated fuel piping and dispensers at B611. Following removal of the existing USTs, the excavation would be back filled, and the damaged asphalt would be repaired or replaced. Installation of two new 12,000-gallon ASTs would include new foundations, fixed bollards, double-walled fuel piping, and multi-dispensing systems. Additionally, one spare double-walled fuel piping with trench would be installed for future use. The existing catch basin would be retained, with grade adjustments incorporated as needed.		
3. Categorical Exclusion(s) Applied: B2.5 Facility safety and environmental improvements Safety and environmental improvements of a facility (including, but not limited to, replacement and upgrade of facility components) that do not result in a significant change in the expected useful life, design capacity, or function of the facility and during which operations may be suspended and then resumed. Improvements include, but are not limited to, replacement/upgrade of control valves, in-core monitoring devices, facility air filtration systems, or substation transformers or capacitors; addition of structural bracing to meet earthquake standards and/or sustain high wind loading; and replacement of aboveground or belowground tanks and related piping, provided that there is no evidence of leakage, based on testing in accordance with applicable requirements (such as 40 CFR part 265, “Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities” and 40 CFR part 280, “Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks”). These actions do not include rebuilding or modifying substantial portions of a facility (such as replacing a reactor vessel).		

*-For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, see Subpart D of 10 CFR10 21

This action would not: threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including DOE and/or Executive Orders; require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include such categorically excluded facilities; disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; or adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B.(4)) of Appendix B to Subpart D of 10 CFR 1021). Furthermore, there are no extraordinary circumstances related to this action that may affect the significance of the environmental effects of the action; this action is not "connected" to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts, and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

Date Determined:

Karin King
Digitally signed by Karin King
Date: 2023.10.02 10:08:58 -07'00'