

LLNL CATEGORICAL EXCLUSION DETERMINATION FORM

ESPD LOG NO: ESH-EFA-NEPA-12-2344	NNSA/LSO LOG NO: <input type="text"/> NA-12-20
1. PROJECT/ACTIVITY TITLE: High-Pressure Cryogenic Pump and Hydrogen Filling Station at LLNL	DATE:
2. PROJECT DESCRIPTION: LLNL proposes to install a high-pressure cryogenic pump and hydrogen fueling station in the southeast corner of the Livermore site. These activities would include demolition of existing asphalt and landscape, excavation and trenching to provide utilities, installation of a dispenser for cryogenic and / or compressed gas, and excavation for installation of concrete footings for an 800 kilogram liquid hydrogen dewar and a 150 kg tube skid. The dewar and tube skid would be filled by a commercial supplier approximately one time per month.	
3. Categorical Exclusion(s) Applied: B5.15 Small-scale renewable energy research and development and pilot projects	

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

May 14, 2012