

## LLNL CATEGORICAL EXCLUSION DETERMINATION FORM

<b>ESPD LOG NO:</b> <u>EPSPD10-110</u>	<b>NNSA/LSO LOG NO:</b> <u>NA-10-10</u>
<b>1. PROJECT/ACTIVITY TITLE:</b> Lawrence Livermore National Laboratory (LLNL) Mobile Hydrogen-Fueling Station and use of Hydrogen Buses at LLNL	<b>DATE:</b> <u>AUGUST 11, 2010</u>
<b>2. PROJECT DESCRIPTION:</b> Two hydrogen buses would be delivered and operated at LLNL to provide regular taxi services for LLNL employees and special events. A mobile hydrogen-fueling station would be located in the tanker storage yard (southeast side of LLNL) and would be the primary fueling source for the hydrogen buses. The fueling station would be comprised of a trailer with compressed hydrogen tanks, and equipped with solar panels for the communication system and pump, therefore, utility connections and ground preparation work would not be required. The fueling station would be refueled approximately twice a week by a vendor.	
<b>3. Categorical Exclusion(s) Applied:</b> B5.1 Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency...	

\*-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:

KC King

Date Determined:

8/11/2010