

LLNL CATEGORICAL EXCLUSION DETERMINATION FORM

ESPM LOG NO: 17-14487	NNSA/LFO LOG NO: NA-17-04
1. PROJECT/ACTIVITY TITLE: Electric Vehicle Charging Station Installation and Operation	DATE: April 2017
2. PROJECT DESCRIPTION:	
<p>The project would involve installation, operation, and maintenance of electric vehicle charging stations, alongside replacement and rotation of a portion of the government-owned fleet of sedans with electric vehicles. The project would likely begin in FY17 and may continue for several years as funding allows. Electric vehicle charging stations would be installed in strategic locations at the Livermore Site or Site 300. These stations may be installed as funding permits, and in conjunction with other projects (e.g. parking lot resurfacing, facility upgrades and modifications) over the course of several years. As new facilities are built at the Livermore Site, electric vehicle charging stations may be installed in their respective parking lots; analysis of the impacts and hazards of those stations may be considered in the new facility reviews.</p> <p>Installation of the charging stations could occur at any existing parking lot location at the Livermore Site or Site 300. Existing parking lots currently planned for installation include E-5, A-8W, F3 and B611 lots. Installation activities would include grading, paving, trenching to pull utilities, electrical work and installation of commercially available charging stations. Tree trimming or removal may be required at the time of installation and for proper maintenance of the stations. Construction and operation of the stations will incorporate appropriate control technologies and best management practices.</p> <p>These charging stations would be primarily level two (240 volts) charging stations, which provide efficient charging of electric vehicles. However, level one (120 volts) charging stations may be installed to meet a specific need or when electrical capacity is limited. More advanced technologies, such as the DC Fast Charge may be considered and utilized in the future. Charging stations would be connected to existing electrical utilities; in some future cases, solar PV-powered stations or mobile battery-powered stations may be used. In all cases, commercially available equipment would be used.</p> <p>Operation of the charging stations would be for government-owned and privately-owned vehicles in accordance with LLNL procedures. The stations would be used by employee and visitor personal vehicles in accordance with the program procedures for operation and payment. Implementation of the program would include maintenance of the stations in accordance with LLNL health and safety requirements. LLNL would perform maintenance and upgrades on the charging stations for the life of the stations, and may replace the stations with similar or upgraded technologies at the end of their useful life.</p>	
3. Categorical Exclusion(s) Applied: B5.23 Electric vehicle charging stations	

*-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:



