

PMC-ND
(1.08.09.13)

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION**



RECIPIENT: NREL

STATE: CO

**PROJECT
TITLE:** STM SERF E216 Remodel

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
	DE-AC36-08GO28308	NREL-20-007	GO28308

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Policy 451.1), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

DOE/EA-1968 SITEWIDE ENVIRONMENTAL ASSESSMENT, U.S. DOE NATIONAL RENEWABLE ENERGY
(NREL STM) LABORATORY, SOUTH TABLE MOUNTAIN CAMPUS, GOLDEN, COLORADO

Rationale for determination:

The U.S. Department of Energy's (DOE) National Renewable Energy Laboratory (NREL) is proposing to update and remodel the Solar Energy Research Facility (SERF), laboratory E216 located at the South Table Mountain (STM) campus in Golden, Colorado. Project activities are proposed to start in November and end in late December of 2019.

The purpose of the project would be to update laboratory facilities and equipment and optimize the space to enhance research capabilities. Project activities would involve removing existing casework, utility connections, eyewash stations, two fume hoods and associated air ducts and infrastructure. Additional items being installed include two new fume hoods, work benches, utility infrastructure (HVAC, water, electrical, ventilations, an area for new glove boxes, etc.), and additional gas detectors. The laboratory would also be repainted and receive new flooring in areas where there was previous damage.

The two hoods being removed were used for research using common solvents and occasional use of strong acids and bases. One hood would be disposed of and the other would be cleaned and moved to the SERF West Dock for repurposing in another lab. These hoods were not authorized or used for research with any other hazardous materials, such as heavy metals or radiological isotopes. NREL general contractor, Custom Environmental Services, would remove, clean and dispose of the hoods and associated ductwork in compliance with required regulations for managing hazardous wastes. Workers would follow standard NREL procedures for cleaning and disposal; including being wiped down with a specialized cleaning agent to remove any residual solvents.

Individuals working on this project could be exposed to physical, chemical, and electrical hazards. Existing corporate health and safety policies and procedures would be followed including employee training, proper protective equipment, engineering controls, and monitoring. Additional policies and procedures would be implemented as necessary if new health and safety risks are identified. Workers could also be exposed to silica; engineering controls and air monitoring would be implemented as required, and respiratory protection would be used when needed.

This project would not change the use, mission, or operation of the existing facilities. Ongoing research would resume once the project is complete.

Based on the review of the proposed activities, DOE has determined that this project falls into the category of Enhancing Laboratory Operations (Chapter 3.2.1), which was analyzed in the 2014 Final Site-Wide Environmental Assessment of the NREL South Table Mountain Campus (DOE/EA-1968). DOE has determined that this activity is bound by the environmental impact analysis contained in this EA and the respective FONSI, and no further NEPA review is required.

NEPA PROVISION

DOE has made a final NEPA determination.

Notes:

NEPA review completed by Laura Margason on November 7, 2019

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____



Casey Strickland

NEPA Compliance Officer

Date: 11/12/2019

FIELD OFFICE MANAGER DETERMINATION

☒ Field Office Manager review not required

☐ Field Office Manager review required

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____

Field Office Manager

Date: _____