



U.S. Department of Energy Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Mead Substation Security Guard Building

Program or Field Office: Western Area Power Administration, Desert Southwest Region

Location(s) (City/County/State): Boulder City, Clark County, Nevada

Proposed Action Description:

Western Area Power Administration (Western) proposes to install a security guard pre-fabricated building inside the main gate of the north fence line of Mead Substation. The substation is located in Boulder City, Clark County, Nevada on withdrawn lands administered by Western. The project is in Township 23 South, Range 64 East, Section 28 (Mount Diablo Baseline and Meridian). The purpose of the building is to provide dedicated space for security personnel to monitor visitors and other traffic entering and leaving the Mead Substation, thereby ensuring the security of Mead Substation and the associated bulk electrical system.

SEE CONTINUATION SHEET

Categorical Exclusion(s) Applied:

B4.11 - Electric power substations and interconnection facilities

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of [10 CFR Part 1021](#).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D.

To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of 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:

Shirley M. Munt

Date Determined:

4.1.16

Mead Substation Security Guard Building

Categorical Exclusion Continuation Sheet

Project Description

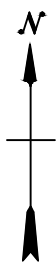
The building will measure approximately 20 feet long by 12 feet wide and include the following design components:

- Insulated hollow metal exterior door and frame with security hardware
- Under-counter refrigerator
- Wall cabinets
- Visitor badging station
- Tactical security cabinet
- Workstations
- Interior and exterior lighting and utilities
- Air conditioner unit

The pre-fabricated building will be connected to existing utility sources within the Mead Substation property. Staging and storage areas will be located inside the substation fencing. Equipment used on-site may include backhoes, dump trucks, cement truck mixers, and water trucks. The project will begin no sooner than June 15, 2016, and will take one to two months to complete. All construction activities will be completed by October 31, 2016.

Special Conditions

1. All project personnel will complete biological pre-activity awareness training to ensure they are familiar with sensitive biological resources, including the Mojave desert tortoise, in the Mead substation area.
 - a. If tortoises are found in the work area, activities will be modified to avoid injury or harm to the tortoise. Only an authorized biologist approved by the U.S. Fish and Wildlife Service may handle Mojave desert tortoises.
2. Project vehicles shall be restricted to designated access routes and approved work sites. Vehicle speeds will not exceed 25 mph on access and maintenance roads and 20 mph on unimproved access routes. Project vehicles and equipment will be parked on pavement, existing roads, and previously disturbed areas, to the maximum extent feasible.
3. At the end of each work day, the Contractor shall fence, cover, or fill excavations greater than 1 foot deep. Alternately, the contractor shall provide escape ramps (1:1 slope) in open excavations to prevent the entrapment of wildlife. The Contractor shall inspect open excavations for entrapped wildlife before excavations are filled. Any entrapped animals will be allowed to escape voluntarily before activities resume, or they may be removed by qualified personnel, under the direction of the COR, by a qualified biologist possessing the appropriate handling permit(s) if necessary.
4. At the end of each work day, all project personnel will remove food-related trash from the work site in closed containers for disposal. Workers will not feed wildlife.



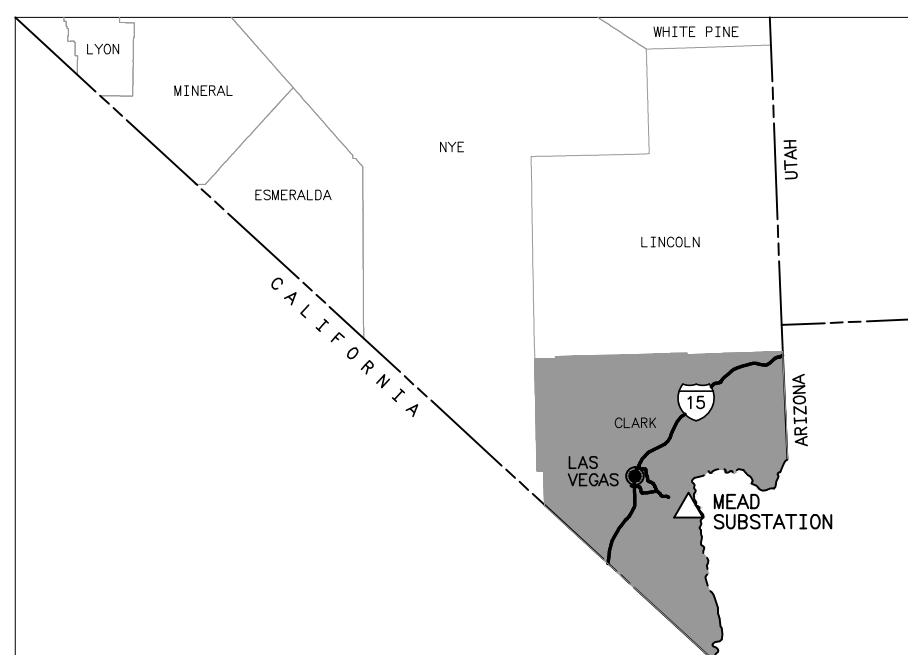
LOCATION MAP

DIRECTIONS
 FROM BOULDER CITY, NEVADA:
 - HEAD SOUTH ON BUCHANAN BLVD FROM THE US-93 AND NEVADA WAY INTERSECTION FOR 3.2 MI.
 - TURN LEFT (EAST) TO REMAIN ON BUCHANAN BLVD AND CONTINUE FOR 0.1 MI.
 - TURN RIGHT (SOUTH) TO THE ENTRANCE TO MEAD SUBSTATION.

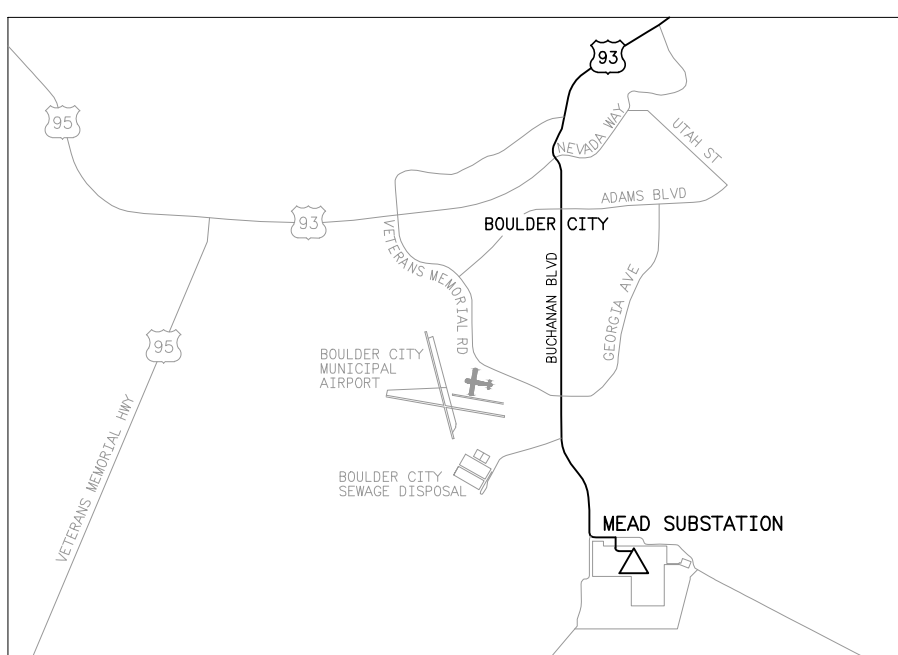
LATITUDE/LONGITUDE
 35° 54' 41"N, 114° 49' 57"W (NAD 83)

PHONE NUMBERS
 BOULDER CITY HOSPITAL ----- 702.293.4111
 EMERGENCY/POLICE ----- (911) 702.293.9224
 FIRE DEPARTMENT ----- 702.293.9228

911 ADDRESS
 2051 BUCHANAN BLVD, BOULDER CITY, NV 89005



COUNTY MAP



VICINITY MAP

I	4-24-15	REDRAWN, UPDATED TO CURRENT STANDARDS AND MODIFIED TITLE BLOCK.
	A7-MW	
SUPERSEDES DWG NO. 1046-300-303		
UNITED STATES DEPARTMENT OF ENERGY WESTERN AREA POWER ADMINISTRATION CORPORATE SERVICES OFFICE - LAKEWOOD, COLORADO		
MEAD SUBSTATION		
NEVADA		
LOCATION AND VICINITY MAP		
DESIGNED	J.K. HOLST	APPROVED
		JAMES J. WOLF
		ACTING ENGINEERING AND CONSTRUCTION MANAGER
DATE	SEPTEMBER 12, 1986	PROJECT NO.
		MED
		0015

Plotted By: lampman Apr 24, 2015- 9:07am
 IMAGES:
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Desert Southwest Region
Western Area Power Administration
An agency of the U.S. Department of Energy

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Scale 1:3,998
3/31/2016 2:18 P.M.

- INTERSTATE HIGHWAY
- MAJOR HIGHWAY (US/STATE)
- RESIDENTIAL ROAD
- RAMP
- UNPAVED ROAD
- ALLEY OR DRIVEWAY
- TRAIL
- RAILROAD
- Proposed Facilities
- Facility / Substation / Switchyard
- States
- Counties
- Google Aerials

