Project title:	EMF Remodel				
Requested By:	Scotty Brown	Mail Code :	N5540	Phone:	916-353-4539
Date Submitted:	8/11/2011		Date Required:	8/16/2011	

Description of the Project:

Purpose and Need

The Elverta Maintenance Facility (EMF), as currently designed and built, has run out of adequate space to accommodate Western's parking needs for maintenance vehicles and overall workshop space for materials and required equipment. An expanded, renovated and remodeled facility, with a larger parking garage and workshop area(s), will enable Western to maintain its vehicle fleet to the required standards and provide additional workshop space to accommodate the equipment, tools, and materials necessary to construct and maintain Western's electrical transmission system and related facilities.

Project Overview

The EMF remodeling project will include an expanded parking garage and workshop facility and also include the following site improvements; (1) mezzanine for storage; (2) two separate workshop areas; (3) five pull-through parking bays; and (4) one toilet room. The expanded parking garage and workshop area(s) will have approximately 16,600 square-feet (sq ft.) and will be constructed and occupied prior to the renovation and remodel of the main EMF administration building, which will be facilitated under a separate construction contract.

The parking garage portion will be approximately 11,740 sq ft. and include bays holding up to a maximum of 95 vehicles. The workshop area(s) will have a maximum occupancy of 24 persons and be roughly 2,400 sq ft and the toilet room will be approximately 60 sq ft. The parking garage and workshop building will be a pre-engineered metal building erected on a concrete foundation. Other remodeling improvements include two shop sinks, two eye wash stations, four hose bibs and a lavatory. An on-site septic tank will also be constructed to provide storage for sewage for toilet, lavatory, two eye wash stations and two shop sinks.

A new domestic water line will be installed to provide water to the expanded facility and the remodeled facility will also include new exterior and interior electrical systems. All new heating/ventilation systems will be in compliance with 2008 California Building Energy Efficiency Standards Non-Residential Compliance Manual. Additionally, the new facility was designed and will be constructed in accordance with Executive Order 13514, which requires energy reduction and environmental performance requirements for Federal agencies to reduce greenhouse gases.

All construction activities will take place within the existing perimeter fence and within previously disturbed areas to avoid any sensitive biological or cultural; therefore, no impacts are anticipated.. All materials removed will be recycled and disposed of in accordance with Western's standards as contractor is required to participate in a Qualified Recycling Program (QRP).

Location of the Project:
Elverta Maintenance Facility 7940 Sorrento Road, Elverta Ca. 95629
Sacramento County, California

☐ **Map(s)**
See attached Maps

☒ **Figures(s)**
See attached Figures…Ground Floor Plan, Mezzanine Plan, Elevations I and II, building sections, and Civil and Utility Plan

☐ **Work Order Number**

To be completed by Natural Resources Only

Action taken

Note: All Documentation is Attached

☒ Categorical Exclusion (CX)	☒ Integral Elements
☐ Environmental Assessment (EA)	☒ NEPA Attachment Sheet
☐ Environmental Impact Statement (EIS)	☒ Environmental Requirements/attached
☐ Other Determinations:	☒ Maps/Figures

Determination: Based on my review of information provided to me concerning the proposed action as NEPA Compliance Officer, I have determined that the proposed action meets the requirements for the categorical exclusion listed above. Therefore, I have determined that the proposed action may be categorically excluded from further NEPA review and documentation.

Gerald Robbins
NEPA Compliance Officer

Date 8/24/2011
☒ Approved

bcc:	File Code:	Assigned to:	Project #:	Environmental Specialist– Date:
Scotty Brown		David Young	101202	8/16/2011

Western Area Power Administration Sierra Nevada Region	**CATEGORICAL EXCLUSION (CX) DETERMINATION**	Project Number 101202

Integral Elements

Project Title: EMF Remodel Project

Category of Action:

- B1.4 – Installation/modification of air conditioning systems for existing equipment.
- B1.15 – Siting/construction/operation of support buildings/support structures.
- B2.1 – Modifications to enhance workplace habitability
- B2.3 - Installation of equipment for personal safety and health
- B2.5 – Safety and environmental improvements of a facility, replacement/upgrade of facility components.

Regulatory Requirements for a Categorical Exclusion Determination: The Department of Energy (DOE), National Environmental Policy Act (NEPA) Implementing Procedures, 10 CFR 1021.410(b) require the following determinations be made in order for a proposed action to be categorically excluded (see full text in regulation).

1. The proposed action fits within a class of action listed in Appendixes A and B to Subpart D. For classes of actions listed in Appendix B, the following conditions are integral elements; i.e., to fit within a class, the proposal must not:

a. Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders.

b. Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities, but may include categorically excluded facilities.

c. Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products preexisting in the environment such that there would be uncontrolled or un-permitted releases; or

d. Adversely affect environmentally sensitive resources (including but not limited to those listed in paragraph B (4)).

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

3. The proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(I)), is not related to other actions with cumulatively significant impacts (40 CFR 1508.25(a)(2)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

Results of Review: In accordance with DOE environmental regulations (10 CFR 1021), The Western Area Power Administration (Western) has reviewed the proposed action in terms of the level of NEPA review needed. Based on this review, Western has determined the proposal is encompassed within a class of action listed in Appendix B to Subpart D (10 CFR 1021.410) which do not require preparation of either an environmental impact statement (EIS) or an environmental assessment (EA).

The proposed action meets the above regulatory criteria and there are no adverse environmental effects associated with this action.

Western Area Power Administration,
SIERRA NEVADA REGION
NEPA Attachment Sheet

Project Number
101202

PROJECT TITLE:

	EMF Remodel Project

EFFECTED ENVIRONMENT

	The EMF project remodel would be constructed entirely on previously disturbed areas including the existing maintenance facility, parking areas, construction training facilities, storage buildings, etc. The immediate area is also characterized by heavy disturbance from farm and agricultural operations and existing electrical transmission towers and other industrial uses. The EMF remodel would take place completely within the existing perimeter fencing.

REVIEW ACTION

	The project is proposed during nesting season; however, due to the amount of historical disturbance and amount of daily human and equipment activity the presence of a sensitive or listed species is considered minimal. Western's biologist will do a pre-construction survey and work closely with the COR to assure adherence to all Western's commitments and obligations.

CULTURAL AND HISTORIC RESULTS

	Effects Determination The EMF does not meet the age criteria to be considered a historic property, as it is a fairly recent construction. In addition, the area has been surveyed for cultural resources and no resources were observed or recorded. This undertaking is covered under Western's Programmatic Agreement (as described below). Modifications to the Substation, as described in this document, may proceed without further cultural resource review.
☐	Consultation on this project was completed on_____
☒	This action is covered by Western's Programmatic Agreement, "Programmatic Agreement Among the Western Area Power Administration, the Advisory Council on Historic Preservation, and the California State Historic Preservation Officer Concerning Emergency and Routine Maintenance Activities at Western Facilities in California," dated December 11, 1997.
☐	Mitigation required (see below)
☒	Include in Western's annual report

BIOLOGICAL RESULTS

☒	No biological resources will be impacted by this project. The determination for all listed species is "no effect"; therefore, consultation under Section 7 of the Endangered Species Act is not required.
☐	Consultation on this project was completed on_____
☐	This activity is covered by Western's Biological Opinion, "Formal Programmatic Consultation on the Operation and Maintenance Activities of the Western Area Power Administration," dated May 27, 1998, U.S. Fish and Wildlife Service File 1.1-97-F-0140.
☐	Mitigation required (see below)

COMPLIANCE RESULTS

☒	**Material Disposal/Recycle:** All associated materials that are recyclable shall be sent for recycling. All other material shall be disposed of in accordance to federal, State, and local regulations.
☒	**Waste Material Quantity Report and Recycled Material Report:** Submit quantities of total project waste material disposal and recycled project materials as listed below to the Natural Resources Department after completion of work or within Federal and State mandated time-frames (i.e., manifests). (1) Sanitary Wastes: Volume in cubic yards or weight in pounds. (2) Hazardous or Universal Wastes: Weight in pounds. (3) PCB Wastes (if applicable): Weight in pounds. (4) Other regulated wastes (e.g., lead-based paint or asbestos): Weight in pounds (specify type of waste in report). (5) Recycled items by item type: Weight in pounds or metric tons.

MITIGATION

☐	Other Mitigation: Not Required
☒	Other Mitigation: Required (list below)

Western Area Power Administration Sierra Nevada Region	**Environmental Requirements for the Project as Stated Above**	**Project Number** 101202

This document outlines the environmental restrictions from the Formal Programmatic Consultation on the Operation and Maintenance Activities of the Western Area Power Administration, May 27, 1998, U.S. Fish and Wildlife Service File 1.1-97-F-0140.

ITEMS CHECKED ARE APPLICABLE TO THIS PROJECT.

General

☐	All routine maintenance activities will be performed during the non-nesting period between July 15 and March 1. The **timing** of maintenance activities will be adjusted to avoid sensitive periods for special status species and their habitat types. Qualified biologists will **monitor or mark** sensitive habitat so that it can be avoided by maintenance personnel during specific activities in specific habitat types. Prior to maintenance activities, a qualified biologist will survey the proposed maintenance sites to determine whether nesting raptors are present. If no nesting raptors or Northern California spotted owls are present, maintenance activities can proceed. Survey results will be valid only for the nesting season in which they were conducted and additional surveys would be needed for each additional season that work must be conducted. Refer to the **Review Action** in this report for further information.
☐	Routine maintenance activities will be avoided from mid-March through mid-June in the vicinity of structures.
☐	Road maintenance operations will be conducted to minimize soil erosion. The United States Forest Service's Best Management Practices, Forest Practices, and Forest Practices Rules of the California Department of Forestry will be implemented where practical.
☐	Culverts will be sized to match storms that may occur during the life of the road to minimize the potential for access road washouts under high intensity storms.
☐	Excavated material will not be stock piled or deposited on or near stream banks, lake shorelines, or other water course perimeters where they could be washed away by high water or storm run-off or could significantly impact the water course.
☐	Vegetative management plans will be followed as appropriate.
☐	In areas where excavation is not required, vegetation will be left in place whenever possible and original contours maintained in an undisturbed condition.
☐	Habitat diversity will be maintained to the greatest extent feasible.
☐	Brush blades will be used on bulldozers in clearing operations where such use will help preserve the cover crop of grass, low-growing brush, etc.
☐	Dispose of all cleared vegetation in an appropriate manner.
☐	The maintenance foremen will determine whether a sensitive habitat is present at the maintenance site. If special status species are identified in the area, maintenance will receive approval from Natural Resources prior to initiating the maintenance.
☒	Natural Resources will be contacted immediately: a. If there is a "take" of a special status species or action affecting their critical habitat, and/or b. If archeological, paleontological, or historic evidence is found.
☐	No paint or permanent discoloring agents will be applied to rocks or vegetation.
☐	If used, survey stakes will be removed as a part of the final clean up.
☐	All work on access and maintenance roads must stay within the existing prism of the roads.

Elderberry Savanna

☐	Western maintenance personnel will avoid disturbance within 20 feet of the drip line of each elderberry bush.

☐	No insecticides, herbicides, fertilizers, or other chemicals that might harm the beetle or its host plant would be used within 100 feet of an elderberry plant with a stem measuring one-inch or greater in diameter at ground level.
☐	If avoidance of elderberry bushes is not possible, maintenance will notify Natural Resources prior to initiating work, except in "danger" tree conditions. Special mitigation measures for habitat areas containing elderberry bushes require a survey by a qualified biologist and must be handled by Natural Resources.

Perennial Streams and Rivers

☐	No vehicle refueling within 300 feet of a perennial stream or river channel.
☐	All spills of fuel or hydraulic fluid would be immediately cleaned up according to Western's guidelines for hazardous material handling.

Giant Garter Snakes

☐	These provisions are applicable in Butte, Colusa, Yuba, Sutter, Yolo, Sacramento, and San Joaquin Counties.
☐	All work will be conducted between May 1 to October 31, during the snake's active period.
☐	Vehicle traffic is restricted to designated access roads and the immediate vicinity of construction or maintenance sites. Vehicle speeds will not exceed 15 miles per hour on unimproved access roads.
☐	If a giant garter snake is observed, all work will stop until it can be determined that the snake will not be harmed.

Woodland (MBTA habitat)

☐	If work must commence during the nesting period (February 1 – August 30) in MBTA habitat, a biological survey or a monitor may be employed to determine the absence or presence of nests and/or MBTA birds. Contact Natural Resources.

Grasslands (Kit Fox habitat)

☐	These provisions are applicable in grassland habitats or disturbed habitats within 0.5 miles of grassland habitats located in San Joaquin, Alameda, and Contra Costa Counties.

Vernal Pools

☐	There are some ephemeral wetlands that should not be traversed by anything other than rubber-tired vehicles, especially when water is present.
☐	All vehicles are restricted to existing roads in vernal pool habitat.
☐	Vehicle use of existing roads is restricted to times of the year when soils are dry enough to resist compaction and annual plants have set seed (generally June 1 to September 30). If in question, contact Natural Resources prior to initiating work.
☐	No vehicle traffic is permitted off established roads within 50 feet of individual vernal pools (measured from the upland margin of the pool).
☐	Materials used for maintenance activities will be located outside of vernal pool habitat or on existing roads.

Compliance Regulatory Requirements

☒	No violations of applicable statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders will be permitted.
☒	There will be no uncontrolled or un-permitted releases of hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products to avoid Adversely affecting environmentally sensitive resources.
☒	In the event of a Hazardous Material/Waste spill environmental services will be contacted, dispatch notified, and the appropriate Federal, State, and local regulating authority notified depending on the type

	and size of the spill (For further guidance, please see Natural Resources).
☒	Hazardous Materials/Waste on-site to consider
☒	Hazardous Materials/Waste need to be removed off site for disposal/recycling
☐	Piping and oil sampling required
☐	Material Analytical Data: See attached results for reference
☐	Erosion control measures to be taken to prevent sediment from reaching river
☐	Soil Sampling