

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION

Rocky Mountain Region, Western Area Power Administration

Glendo-Whiterock North and South 115-kV Transmission Lines

Access Roads and Right-of-Way Maintenance

Platte County, Wyoming

Project No. 2014-050

- A. Brief Description of Proposal:** Western Area Power Administration (Western) is proposing to conduct routine road maintenance and repair activities along the Glendo - Whiterock North and South (GLD-WRK N & S) 115-kV Transmission Lines located in Platte County, Wyoming. The project is necessary to ensure the safety and reliability of the access roads in order to access the transmission lines for repair and maintenance in the future. Work will occur on private, USDI Bureau of Reclamation, and State of Wyoming administered lands and will be limited to the existing right-of-way (ROW) and access roads corridors. The road maintenance area is between transmission line Structures 0/1 at the Glendo Substation and Structures 17/5 (North line) and 18/6 (South line) at the Guernsey Rural Substation on the GLD-WRK North and South lines. The lines run parallel to each other and share the same ROW except for a segment of approximately 3 miles where they diverge. The total length of ROW that was surveyed is 23 miles, as well as additional miles for all access roads. The ROW access roads would be groomed and repaired as necessary with a road grader and tracked dozer to allow safe passage by rubber-tired vehicles. The type of routine road maintenance work that may be required includes grading, leveling, roadside ditch cleaning, vegetation removal, culvert repair and cleaning, and water bar installation. A backhoe may be required to clean ditches to divert storm water away from the road and to replace culverts as needed. The level traveling surfaces within the road prism will be lightly graded to fill in small erosion rills. The work may include brush removal in a 50-foot-radius around each structure as necessary to allow vehicle access to the structure for maintenance purposes.
- B. Number and Title of the Categorical Exclusion Being Applied:** (See text in 10 CFR Part 1021, Subpart D.)

B1.3 Routine Maintenance

Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures (including, but not limited to, pathways, roads, and railroads), vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed, provided that the activities would be conducted in a manner in accordance with applicable requirements. Custodial services are activities to preserve facility appearance, working conditions, and sanitation (such as cleaning, window washing, lawn mowing, trash collection, painting, and snow removal). **Routine maintenance activities, corrective (that is, repair), preventive, and predictive, are required to maintain and preserve buildings, structures, infrastructures, and equipment in a condition suitable for a facility to be used for its designated purpose.** Such maintenance may occur as a result of severe weather (such as hurricanes, floods, and tornados), wildfires, and other such events. Routine maintenance may result in replacement to the extent that replacement is in-kind and is not a substantial upgrade or improvement. In-kind replacement includes installation of new components to replace outmoded components, provided that the replacement does not result in a significant change in the expected useful life, design capacity, or function of the facility. Routine maintenance does not include replacement of a major component that significantly extends the originally intended useful life of a facility (for example, it does not include the replacement of a reactor vessel near the end of its useful life). Routine maintenance activities include, but are not limited to:

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- (a) Repair or replacement of facility equipment, such as lathes, mills, pumps, and presses;
 - (b) Door and window repair or replacement;
 - (c) Wall, ceiling, or floor repair or replacement;
 - (d) Reroofing;
 - (e) Plumbing, electrical utility, lighting, and telephone service repair or replacement;
 - (f) Routine replacement of high-efficiency particulate air filters;
 - (g) Inspection and/or treatment of currently installed utility poles;
 - (h) Repair of road embankments;**
 - (i) Repair or replacement of fire protection sprinkler systems;
 - (j) Road and parking area resurfacing, including construction of temporary access to facilitate resurfacing, and scraping and grading of unpaved surfaces;
 - (k) Erosion control and soil stabilization measures (such as reseeding, gabions, grading, and revegetation);**
 - (l) Surveillance and maintenance of surplus facilities in accordance with DOE Order 435.1, "Radioactive Waste Management," or its successor;
 - (m) Repair and maintenance of transmission facilities, such as replacement of conductors of the same nominal voltage, poles, circuit breakers, transformers, capacitors, crossarms, insulators, and downed powerlines, in accordance, where appropriate, with 40 CFR part 761 ("Polychlorinated Biphenyls Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions") or its successor;
 - (n) Routine testing and calibration of facility components, subsystems, or portable equipment (such as control valves, in-core monitoring devices, transformers, capacitors, monitoring wells, lysimeters, weather stations, and flumes);
 - (o) Routine decontamination of the surfaces of equipment, rooms, hot cells, or other interior surfaces of buildings (by such activities as wiping with rags, using strippable latex, and minor vacuuming), and removal of contaminated intact equipment and other material (not including spent nuclear fuel or special nuclear material in nuclear reactors); and
 - (p) Removal of debris.**
- C. **Regulatory Requirements in 10 CFR 1021.410 (b)**: (See full text in regulation and attached checklist.)

- 1) The proposed action fits within a class of actions listed in Appendix A or B to Subpart D.

For classes of actions listed in Appendix B, the following conditions are integral elements. To fit within a class, the proposal must not:

- Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders;
- 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;

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- 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;
 - Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, State, or local government, or a federally recognized Indian tribe. An action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to, those listed in paragraph B. (4) (see Attachment A).
- 2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.
- 3) The proposal 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.

D. Special Stipulations Pertaining to the Proposal:

If the scope of work of this project changes, Western’s Environmental Division must be contacted for additional environmental review.

This Categorical Exclusion expires on December 31, 2016. If all project work has not been completed by the expiration date, or if need for a project extension is anticipated, Western’s Environmental Division must be contacted for an updated environmental review.

There are sensitive areas where work activities such as road maintenance or structure replacement cannot be conducted. Maps of the sensitive areas have been provided to the maintenance crews. While a monitor is not required, one can be made available to maintenance upon request. If a monitor is needed to assist in avoidance, please contact Western’s Environment Division at least 30 days prior to starting work.

No work will be done on roads at structures 1/7 on GLD-WRK N and 2/3-2/4 GLD-WRK S in the Horseshoe Creek Drainage. No work will be done on roads between structures 13/6- 14/1 on the GLD-WRK S in the Cottonwood Creek drainage.

To comply with the Migratory Bird Treaty Act, if the work is to be done during the general nesting season which is typically between March 1 and July 31, the maintenance crew shall consult with Western’s Environmental Division to ensure that there are no nests in the project vicinity. Work

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conducted during the general nesting season will require a field biologist to survey areas in advance of the work crews. Western will provide the field biologist services.

If any cultural materials are discovered during construction, work in the area shall be halted immediately, a Western's Regional Preservation Officer shall be contacted, and the material shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983). Work in the vicinity of the find may not resume until it has been inspected, evaluated, and all appropriate parties have been consulted.

The movement of construction crews and equipment within the maintenance corridor, including access routes, shall be limited to minimize damage within the ROW corridor. Maintenance activities shall be conducted to minimize scarring, or defacing of the natural surroundings in the vicinity of the work.

To minimize impacts to the environment and prevent damage to access roads, operation of off-road equipment will not be permitted during periods of heavy rains, when soils are wet, or when excessive soil damage may occur due to unsuitable operating conditions. No construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support construction equipment. If equipment creates ruts in excess of six inches deep, the soil shall be deemed too wet to adequately support construction equipment.

Western shall implement standard best management practices for erosion, seeding, and noxious weed control.

Western has a clean vehicle policy and all equipment used must be cleaned prior to use in order to prevent the transport of invasive plant or noxious weed seeds. Operators will be required to wash all machinery (trailers, trucks, UTVs, etc.) before entering the action area and working on the project to prevent transport of non-native invasive species.

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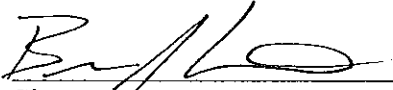
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- E. Determination:** Based on my review of information provided to me and in my possession concerning the proposed action, I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is categorically excluded from requirements for an EA or an EIS.


Signature

Date: 22 FEB 2016

Brian Little
NEPA Compliance Officer
Rocky Mountain Customer Service Region
Western Area Power Administration

Prepared by: Tim Snowden

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ATTACHMENT A

**Conditions That Are Integral Elements of the Classes
of Actions in Appendix B That Apply to This Proposal**

Checklist for Categorical Exclusion Determination, revised Nov. 2011

Application of Categorical Exclusions (1021.410)	Disagree	Agree	Unknown
(b)(1) The proposal fits within a class of actions that is listed in appendix B to subpart D.		X	
(b)(2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal, including, but not limited to, scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; and unresolved conflicts concerning alternate uses of available resources.		X	
(b)(3) The proposal has not been segmented to meet the definition of a categorical exclusion. Segmentation can occur when a proposal is broken down into small parts in order to avoid the appearance of significance of the total action. The scope of a proposal must include the consideration of connected and cumulative actions, that is, the 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 § 1021.211 of this part concerning limitations on actions during EIS preparation.		X	
B. Conditions that are Integral Elements of the Classes of Actions in Appendix B.	NO	YES	Unknown
(1) Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety and health, or similar requirements of DOE or Executive Orders.	X		
(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;	X		
(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;	X		
(4) Have the potential to cause significant impacts on environmentally sensitive resources. An environmentally sensitive resource is typically a resource that has been identified as needing protection through Executive Order, statute, or regulation by Federal, state, or local government, or a federally recognized Indian tribe. An	X		

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<p>action may be categorically excluded if, although sensitive resources are present, the action would not have the potential to cause significant impacts on those resources (such as construction of a building with its foundation well above a sole-source aquifer or upland surface soil removal on a site that has wetlands). Environmentally sensitive resources include, but are not limited to:</p>			
<p>(i) Property (such as sites, buildings, structures, and objects) of historic, archaeological, or architectural significance designated by a Federal, state, or local government, or property determined to be eligible for listing on the National Register of Historic Places;</p>	X		
<p>(ii) Federally-listed threatened or endangered species or their habitat (including critical habitat) or Federally- proposed or candidate species or their habitat (Endangered Species Act); state-listed or state-proposed endangered or threatened species or their habitat; Federally-protected marine mammals and Essential Fish Habitat (Marine Mammal Protection Act; Magnuson-Stevens Fishery Conservation and Management Act); and otherwise Federally-protected species (such as under the Bald and Golden Eagle Protection Act or the Migratory Bird Treaty Act);</p>	X		
<p>(iii) Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: “Definitions,” or its successor);</p>	X		
<p>(iv) Areas having a special designation such as Federally- and state-designated wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, state and Federal wildlife refuges, scenic areas (such as National Scenic and Historic Trails or National Scenic Areas), and marine sanctuaries;</p>	X		
<p>(v) Prime or unique farmland, or other farmland of statewide or local importance, as defined at 7 CFR 658.2(a), —Farmland Protection Policy Act: Definitions, or its successor;</p>	X		
<p>(vi) Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and</p>	X		
<p>(vii) Tundra, coral reefs, or rain forests; or</p>	X		

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(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 of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.	X		
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