

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION
Rocky Mountain Region, Western Area Power Administration

Boysen-Thermopolis 115-kV Transmission Line Structure Replacement Project
Hot Springs and Fremont Counties, Wyoming

- A. **Brief Description of Proposal:** Western Area Power Administration (Western) proposes to conduct routine maintenance and replace approximately 5 miles of existing defective wood pole H-frame structures along its Boysen-Thermopolis (B-TH) 115-kV Transmission Line. Structures 8/2 through 13/3 would be replaced in-kind with wood poles of the same height, hardware, configuration, and in the same locations. Level landings would also be constructed at Structures 8/2, 8/3, 8/4, 8/5, and 13/3. In addition to the structure replacements described above, Western plans to conduct access road improvements on roads between Structures 8/2 through 13/3. Access roads will be improved to allow the safe passage of rubber-tired auger trucks and bucket trucks. The equipment utilized would be a crane, manlift, backhoe, rubber-tired pressure digger/derrick, grader, track dozer, skid-steer loader, pole trailer, and line trucks. The project is located on private and Wind River Reservation lands in Hot Springs and Fremont Counties, Wyoming. All work will be confined to Western's existing transmission line and access road right-of-way (ROW) easements.

This Categorical Exclusion (CX) amends a previously issued CX dated May 16, 2014, which has since expired. The proposed work and project stipulations remain the same.

- 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, right-ofway, 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:

- (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;

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- (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 reseeded, gabions, grading, and revegetation);
- (l) Surveillance and maintenance of surplus facilities in accordance with DOE Order 35.1, "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 materials (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;
- 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

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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.

There will be no blading of access roads and ROW located within sensitive environmental sites. Maps will be provided to the Maintenance Lead by the Environmental Division for this project.

This CX is valid only from signature date through the end of calendar year 2015. If construction has not commenced within that time, Western’s Environmental Division must be contacted for an updated environmental review prior to construction.

If any cultural materials are discovered during construction, work in the area shall halt immediately, Western’s Regional Preservation Officer shall be contacted, and the material be evaluated by an archaeologist or historian meeting the Secretary of the Interior’s Professional Qualification Standards (48 FR 22716, Sept. 1983).

Limit movement of construction crews and equipment within the maintenance corridor, including access routes, 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. Except where terrain damage results, terrain and vegetation shall be preserved and protected from damage by maintenance crew operations and equipment.

To minimize impacts to the environment and prevent damage to access roads and ROW, 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 maintenance activities shall be performed during periods when the soil is too wet to adequately support equipment. If equipment creates ruts in excess of 6 inches deep, the soil shall be deemed too wet to adequately support the equipment. All work will be conducted using existing access roads and no wetlands, brooks, rivers, creeks, and/or streams shall be disturbed.

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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 should consult with Western's biologist to ensure that there are no nests in the project vicinity. Work 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.

Western would 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 transporting 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 transporting of non-native invasive species.

If any used treated wood poles or crossarms are donated, Western will obtain a signed "acknowledgment of receipt" of Western's Consumer Information Sheet for Treated Wood Poles and Crossarms from the person receiving the used poles and/or cross-arms.

- 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: 6/12/15

Gene Iley, Jr.
NEPA Compliance Officer
Rocky Mountain Customer Service Region
Western Area Power Administration

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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. Extraordinary circumstances are unique situations presented by specific proposals, 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	X		

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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:			
(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;	X		
(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);	X		
(iii) Floodplains and wetlands (as defined in 10 CFR 1022.4, —Compliance with Floodplain and Wetland Environmental Review Requirements: “Definitions,” or its successor);	X		
(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;	X		
(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;	X		
(vi) Special sources of water (such as sole-source aquifers, wellhead protection areas, and other water sources that are vital in a region); and	X		
(vii) Tundra, coral reefs, or rain forests; or	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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