

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION

Rocky Mountain Region, Western Area Power Administration

Big Springs - Ogallala 115-kV Transmission Line Structure Realignment Project [AMENDED] Keith County, Nebraska *Project 2014-053*

- A. Brief Description of Proposal:** Western Area Power Administration (Western) proposes to conduct a realignment of and replace its wood pole H-frame Structures 486, 487, 488, 489, 490, 491, 492, and 493, along the Big Springs - Ogallala (BSG-OGT) 115-kV Transmission Line. The project is located on private land near Brule, Nebraska. The project is proposed in order to move the structures out of a cattle feed lot drainage to reduce structure rot and sanitary concerns for maintenance. Structures 487 and 488, both three-pole structures, will be replaced with three-pole wood laminate structures that are 10-foot-taller than the existing structures to allow for clearance over Interstate 80. Structure 486 will be replaced in-kind. Structure 493 would be moved approximately 18 feet east of its present location and be replaced with a self-supporting three-pole wood laminate pole structure. The remaining structures, 489, 490, 491, 492, would be replaced in-kind with wood poles, hardware, configuration, and moved approximately 35 feet north of their present locations. In addition minor pad development may be necessary by hauling in and compacting fill material at these structures. All work would be confined to Western's right-of-way (ROW) easement. Existing access would be used, no new roads are proposed, and no road maintenance is necessary for access. The equipment utilized may include a crane, manlift, backhoe, rubber-tired pressure digger/derrick, skid-steer loader, pole trailer, and line trucks.
- B. Number and Title of the Categorical Exclusion Being Applied:** (See text in 10 CFR Part 1021, Subpart D.)

B4.13 Upgrading and rebuilding existing powerlines:

Upgrading or rebuilding approximately 20 miles-in-length or less of existing electric powerlines, which may involve minor relocations of small segments of the powerlines.

- 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

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Keith County, Nebraska
*Project 2014-053***

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 is valid only from August 1, 2016 through February 28, 2017. If construction has not been completed 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).

A cultural resources monitor must be present during construction at Structure 487. Work between 485 and 486 must remain within the existing roadbed with no vehicles allowed to park outside the existing roadbed. A monitor will mark this area for avoidance prior to construction. **Please notify Western's Environmental Division at least two weeks prior to construction so that the monitor can be present when needed.**

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.

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Rocky Mountain Region, Western Area Power Administration

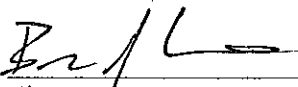
**Big Springs - Ogallala 115-kV Transmission Line
Structure Realignment Project [AMENDED]
Keith County, Nebraska
*Project 2014-053***

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 would implement standard best management practices for erosion, seeding, and noxious weed control. Western's clean vehicle policy will apply, and all equipment used will be washed and cleaned prior to use in the area to prevent transporting of invasive plant or noxious weed seeds.

If the used poles are sold or donated, the Project Manager will ensure the recipients have read and signed Western's consumer information sheet for treated wood poles and crossarms.

- 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: 11 MARCH 2016

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

Prepared by: Tim Snowden

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION

Rocky Mountain Region, Western Area Power Administration

**Big Springs - Ogallala 115-kV Transmission Line
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Project 2014-053**

**ATTACHMENT A
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	X		

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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		

ENVIRONMENTAL REVIEW FOR CATEGORICAL EXCLUSION DETERMINATION

Rocky Mountain Region, Western Area Power Administration

Big Springs - Ogallala 115-kV Transmission Line

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Keith County, Nebraska

Project 2014-053

(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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