U.S. Department of Energy
Categorical Exclusion Determination Form

Submit by E-mail

Proposed Action Title: Eagle Butte Substation - Stage 03

Program or Field Office: South Dakota

Location(s) (City/County/State): Ziebach County, SD

Proposed Action Description:
This project is to add a 115kV ring bus or a 115kV breaker and half to the Eagle Butte Substation.

The project consists of replacing the single bus with a 115kV ring bus, thus replacing all of the 115kV equipment and the existing box structure. A new control building will be constructed. New control panels, relays, and communication termination equipment will be installed. The transformer, microwave tower, and 69kV facilities will remain in their current location, but all of the cables and accessories between the control building and the microwave tower will be replaced.

The project will expand outside the current fence. Additional land to the west of the substation may need to be purchased. The Eagle Butte Substation was built in 1962.

Categorical Exclusion(s) Applied:

B4.11 - Electric power substations and interconnection facilities

B4.6 - Additions and modifications to transmission facilities

B1.24 - Property transfers

B1.11 - Fencing

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: JOHN RUSSELL Digitally signed by JOHN RUSSELL Date: 2023.11.15 10:47:14 -07'00' Date Determined: 11/15/2023