

United States Government

Department of Energy  
Bonneville Power Administration

# memorandum

DATE: January 8, 2010

REPLY TO  
ATTN OF: Claire Bingaman KEC-4

SUBJECT: Environmental Clearance Memorandum

TO: James Hall  
Project Manager – TPC-TPP-4

**Proposed Action:** SCADA Upgrades at BPA's Hungry Horse, Bonneville, and Grand Coulee Substations

**Budget Information:**

Hungry Horse: WO# 00246171, Task 01  
Bonneville: WO# 00246173, Task 01  
Grand Coulee: WO# 00246244, Task 01

**Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021):** B4.6 Additions or modifications to electric power facilities that would not affect the environment beyond the previously developed facility area....

**Location:** Grant County, Washington

**Proposed by:** Bonneville Power Administration (BPA)

**Description of the Proposed Action:**

BPA proposes to install Supervisory Control and Data Acquisition (SCADA) upgrades at the United State Army Corps of Engineers' (USACE) Bonneville 115-kV Switchyard, and the United States Bureau of Reclamation's (USBR) Grand Coulee 115-kV, 230-kV, and 500-kV Switchyards and Hungry Horse 230-kV Switchyards. The SCADA upgrade at each switchyard will provide BPA the system monitoring and control necessary to meet North American Electric Reliability Corporation (NERC) standards as registered Transmission Operator for these facilities.

All proposed work will occur within the existing switchyards with no additional ground disturbance.

**Findings:** BPA has determined that the proposed action complies with Section 1021.410 and Appendix B of Subpart D of the Department of Energy's (DOE) National Environmental Policy Act (NEPA) Regulations (57 FR 15144, Apr. 24, 1992, as amended at 61 FR 36221-36243, July 9, 1996; 61 FR 64608, Dec. 6, 1996). The proposed action does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal. The proposal is not connected [40 C.F.R. 1508.25(a)(1)] to other actions with potentially significant impacts, is not related to other proposed actions with cumulatively significant impacts [40 C.F.R. 1508.25(a)(2)], and is not precluded by 40 C.F.R. 1506.1 or

10 C.F.R. 1021.211. Moreover, the proposed action would not (i) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, (ii) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities, (iii) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases, or (iv) adversely affect environmentally sensitive resources.

This proposed action meets the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed action may be categorically excluded from further NEPA review and documentation.

/s/ Claire Bingaman

Claire Bingaman  
Environmental Project Manager

Concur:

/s/ Katherine S. Pierce

Katherine S. Pierce  
NEPA Compliance Officer

DATE: January 12, 2010