

# memorandum

DATE: February 13, 2012

REPLY TO  
ATTN OF: KEC-4

SUBJECT: Environmental Clearance Memorandum

TO: Johny Luiz – TEP-CSB-2

**Proposed Action:** Pearl Substation 500-kilovolt (kV) #6 Bay Addition

**Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021):** B4.6 Additions and modifications to transmission facilities

**Location:** Clackamas County, Oregon

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

**Description of the Proposed Action:** The proposed project includes modification of existing substation equipment, the addition of a new 500-kV Bay 6, and a one-half acre yard expansion in the southwest corner of the substation. The yard expansion area is within BPA property, consists of mowed grass, and is to facilitate a 40 square foot addition to the Pearl Control House for new control racks and associated equipment. BPA has determined that the addition to the control house as proposed would have an effect on the Pearl Substation, a National Register eligible property, but that such effect is consistent with the original design intent of the facility and supports its historic character while extending its utility.

**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, 76 FR 63764, Nov. 14, 2011). 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, has not been segmented to meet the definition of a categorical exclusion, 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, (iv) have the potential to cause significant impacts on environmentally sensitive resources, or (v) 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.

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/ Stephanie Breeden

Stephanie Breeden  
Environmental Project Manager

Concur:

/s/ Stacy L. Mason

Stacy L. Mason  
NEPA Compliance Officer

Date: February 13, 2012

Attachment:

Environmental Checklist for Categorical Exclusions

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: Pearl Substation 500-kilovolt #6 Bay Addition

Work Order #: 259219

**This project does not have the potential to cause significant impacts on the following environmentally sensitive resources. See 10 CFR 1021, Subpart D, Appendix B for complete descriptions of the resources. This checklist is to be used as a summary – further discussion may be included in the Categorical Exclusion Memorandum.**

Environmental Resources	No Potential for Significance	No Potential, with Conditions (describe)
1. Historic Properties and Cultural Resources Section 106 consultation for historic and archeological resources was completed 2-3-12	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. T & E Species, or their habitat(s) None are present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Floodplains or wetlands The project area is approximately 1,200 feet from a small waterbody	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Areas of special designation None are present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Health & safety Workers would follow BPA standards for Health and Safety during construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime or unique farmlands None are present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water None are present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Other (describe)	<input type="checkbox"/>	<input type="checkbox"/>

List supporting documentation attached (if needed):

Signed: /s/ Stephanie Breeden

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