

memorandum

DATE: May 30, 2012

REPLY TO
ATTN OF: KEP-4

SUBJECT: Environmental Clearance Memorandum

TO: Brett Sherer
Project Manager – KEP-4

Proposed Action: Upgrade of the secondary containment system at Bonneville Power Administration's (BPA) Santiam Substation

Budget Information: Work Order #: 00310540

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

Location: Santiam Substation is located approximately three miles northeast of the city of Lyons, OR, Township 9 South, and Range 1 East, Section 22.

Proposed by: BPA

Description of the Proposed Action: BPA proposes to bring the stormwater drainage system and associated discharges at BPA's Santiam Substation into compliance with regulatory requirements. Modifications to the stormwater drainage system will capture oil and sediments before they leave the site. This will be accomplished via excavation and installation of a secondary containment liner around the PacifiCorp owned 230-kV transformer located within BPA's fee-owned property at Santiam Substation.

An impermeable oil containment liner will be installed around the PacifiCorp 230-kV Transformer #3155. Three oil water separator vaults will be connected to the liner via new 6 inch PVC pipe down gradient from the liner. The first two vaults will be API type oil water separators and the third will be a coalescing plate separator vault. A manual shut-off valve will be installed to allow manually directed isolation of the containment system. The treated stormwater will discharge into the existing ditch to the west of the substation yard. Outlet protection will be installed in the ditch at the new 6 inch outfall pipe to prevent scour and minimize the potential for downstream erosion by reducing the velocity of concentrated flows.

All excavated soils will be characterized and disposed of in accordance with BPA specifications. All construction activities will occur within the previously disturbed areas within or immediately adjacent to the substation yard. Once modifications are completed the site will be fully restored.

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/ Michael Henjum

Michael Henjum
Environmental Engineer

Concur: /s/ Katherine S. Pierce
Katherine S. Pierce
NEPA Compliance Office

Date: May 30, 2012

Attachment:
Environmental Checklist for Categorical Exclusions

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: Santiam Substation Secondary Containment Project

Work Order #: 00310540

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 Work is to be restricted to the existing prism of the facility. Full-time COTR will cease operations if potential cultural resources encountered during any portion of work.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. T & E Species, or their habitat(s) All work will be conducted within the substation yard prism. No Threatened and Endangered species or their habitat will be affected by these stormwater improvements.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Floodplains or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Areas of special designation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Health & safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime or unique farmlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Other (describe)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Supporting documentation in the official project file:
Effects Determination for Threatened & Endangered Species

Signed: /s/ Michael Henjum

Date: May 24, 2012