

memorandum

DATE: January 31, 2011

REPLY TO
ATTN OF: KEP-4

SUBJECT: Environmental Clearance Memorandum

TO: Brett Sherer
Project Manager – KEP-4

Proposed Action: Upgrade of secondary containment facilities at eight Bonneville Power Administration (BPA) facilities

Budget Information: Work Order: 00004952

Categorical Exclusion Applied (Appendix B to 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 including, but not limited to, switchyard rock grounding upgrades, secondary containment projects, paving projects, seismic upgrading, tower modifications, changing insulators, and replacement of poles, circuit breakers, conductors, transformers, and crossarms.

Location: Secondary containment systems will be upgraded at eight BPA facilities:

Adair Substation,	Benton County, Oregon	T10S R04W S18
Albany Substation,	Linn County, Oregon	T11S R04W S12
Carlton Substation,	Yamhill County, Oregon	T01S R17E S03
De Moss Substation,	Sherman County, Oregon	T1S R17E S3
Lopez Island	San Juan County, Washington	T35N R02W S25
Ross Complex,	Clark County, Washington	T02N R01E S14
Tacoma Substation	Pierce County, Washington	T21N R03E S36
Timber Substation	Washington County, Oregon	T 3N R5W S10

Proposed by: BPA

Description of the Proposed Action: BPA proposes to upgrade secondary containment systems at the listed substations to increase the level of protection against accidental oil leaks or provide protection that did not already exist. This upgrade includes modifying existing secondary containment systems such as containment vaults, oil stop valves, oil sensors, and associated equipment/facilities. All work will be conducted within the existing fill prism at the existing substations and facilities. Typical activities include emplacement of precast concrete containment structures (oil/water separator vaults or manholes), installation of leak/spill diversion liners and laying of pipe to connect the spill liners to the containment structures.

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, April 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 action with potentially significant impacts, is not related to other proposed actions with cumulatively significant impact [40 C.F.R. 1508(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 release, or (iv) adversely affect environmentally sensitive resources. The proposal will not affect any listed threatened or endangered species, or critical habitat under the Endangered Species Act, or Essential Fish Habitat under the Magnuson-Stevens Fishery Conservation and Management Act, or historic properties under the National Historic Preservation Act.

All proposed actions meet the requirements for the Categorical Exclusion referenced above. We therefore determine that the proposed actions at the nine reviewed Substations may be categorically excluded from further NEPA review and documentation.

/s/ Andrew B. Chang
Andrew B. Chang
Biological Scientist

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

Date: January 31, 2011

Attachment:
Environmental Checklist for Categorical Exclusions

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: 2011 Stormwater Improvement Projects

Work Order #: 00004952 PP&A Project No.: N/A

Prepared by: Andrew Chang Routing: KEP-4 Date: 12/29/10

This project has been found to **not** adversely affect the following environmentally sensitive resources, laws, and regulations:

Environmental Resources	No Adverse Effect	No Adverse Effect with conditions
1. 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 yards and facilities. 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 All equipment will be well-maintained and muffled.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime agricultural lands	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Consistency with state and local laws and regulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Pollution control at Federal facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other Visual – All excavations will be backfilled and removed. Soil will be disposed of. List supporting documentation attached (if needed): None	<input checked="" type="checkbox"/>	<input type="checkbox"/>