

memorandum

DATE: August 8, 2012

REPLY TO
ATTN OF: KEPR-4

SUBJECT: Environmental Clearance Memorandum

TO: Rudiger Krohn
Project Manager – TESH-CSB-2

Proposed Action: Celilo Converter Station Curtain Wall Replacement

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): Appendix B1.3,
Routine Maintenance

Location: Wasco, OR

Proposed by: Bonneville Power Administration (BPA)

Description of the Proposed Action: BPA proposes to replace an existing, leaking curtain wall on BPA's Celilo Converter Station to protect employees and equipment from water related injury and damage.

The Celilo Converter Station, built in the late 1960s, is experiencing water infiltration through its existing curtain wall system. Water infiltration is a concern due to material damage, but also the threat to BPA operations and safety as posed by electrical shorts, wet floors, and mold. By replacing the current curtain wall system with a modern curtain wall system, BPA can eliminate these concerns. Modern curtain wall systems have thermal breaks and other systems for managing water infiltration (and increasing energy efficiency) that were not available in the 1960s. Resealing the existing curtain wall was considered, but was determined not be an efficient or effective solution as it would extend the life of the system by only five years (versus 50 years for replacement) and cost 5 times the amount of replacement.

The Celilo Converter Station curtain wall, which is located within the existing, previously disturbed Big Eddy substation complex, is approximately 13 ft x 31.5 ft per bay. The total square footage for replacement is approximately 5700 sq ft of material.

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/ Lisa MacLellan

Lisa MacLellan

Physical Scientist (Environmental)

Concur: /s/ Stacy Mason

Stacy Mason

NEPA Compliance Officer

Date: August 8, 2012

Attachment:

Environmental Checklist for Categorical Exclusions

Environmental Checklist for Categorical Exclusions

Name of Proposed Project: Celilo Converter Station Curtain Wall Replacement

Work Order #: 282701

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 Celilo Converter Station is eligible for listing in the National Register of Historic Places. However, this project was designed to maintain the aesthetics of the building while upgrading to a modern curtain wall system. Thus, it was determined that the project will have no adverse affect on the property as designed. The SHPO concurred with survey results on 06/06/12.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. T & E Species, or their habitat(s) No species or habitat present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Floodplains or wetlands No floodplains or wetlands present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Areas of special designation Within the Columbia River Gorge National Scenic Area, however the project is within an "Urban Area" portion of the scenic area that is not regulated by the National Scenic Area Act.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Health & safety None.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Prime or unique farmlands No prime or unique farmland present.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Special sources of water None.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Other (describe) None.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Supporting documentation in the official project file:
OR SHPO Concurrence Letter

Signed: /s/ Lisa MacLellan

Date: July 2, 2012