

Categorical Exclusion Determination

Bonneville Power Administration

Department of Energy



Proposed Action: Kennewick Radio Station Heating, Ventilation and Air Conditioning (HVAC) Replacement

Project Manager: Dino Zeppetalla, TEPO-CSB-2

Location: Spokane County, Washington

Categorical Exclusion Applied (from Subpart D, 10 C.F.R. Part 1021): B1.4 Air conditioning systems for existing equipment

Description of the Proposed Action: Bonneville Power Administration (BPA) proposes to replace the HVAC system at its existing Kennewick Radio Station in Benton County, Washington. This is necessary because the existing system is inadequate and inefficient. The proposed activities include replacing the existing heat pump and packaged air handling unit with two new units and a new outside air economizer and lead lag control system. New ductwork would be installed throughout the building and a new power conduit would be installed. An existing concrete pad in a graveled area immediately adjacent to the existing radio facility building would be replaced by an approximately 8-foot by 4-foot concrete pad in the same location. Minimal ground disturbance will occur during the installation of the new concrete pad.

Findings: In accordance with Section 1021.410(b) 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), BPA has determined that the proposed action:

- (1) fits within a class of actions listed in Appendix B of 10 CFR 1021, Subpart D (see attached Environmental Checklist);
- (2) does not present any extraordinary circumstances that may affect the significance of the environmental effects of the proposal; and
- (3) has not been segmented to meet the definition of a categorical exclusion.

Based on these determinations, BPA finds that the proposed action is categorically excluded from further NEPA review.

/s/ Elizabeth Siping

Elizabeth Siping

Contract Environmental Protection Specialist

David Evans and Associates, Inc.

Reviewed by:

/s/ David Kennedy, for

Gene Lynard

Supervisory Environmental Protection Specialist

Concur:

/s/ Katherine S. Pierce

Date: August 24, 2015

Katherine S. Pierce

NEPA Compliance Officer

Attachment: Environmental Checklist

Categorical Exclusion Environmental Checklist

This checklist documents environmental considerations for the proposed project and explains why the project would not have the potential to cause significant impacts on environmentally sensitive resources and would meet other integral elements of the applied categorical exclusion.

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Project Site Description

All work would occur within the existing yard at BPA's Kennewick Radio Station. The yard is graveled with no potential habitat or vegetation present.

Evaluation of Potential Impacts to Environmental Resources

| Environmental Resource Impacts | No Potential for Significance | No Potential for Significance, with Conditions |
|--|-------------------------------------|--|
| 1. Historic and Cultural Resources | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>Explanation:</u> WA Department of Archaeology and Historical Preservation concurrence on no adverse effect determination July 22, 2015. Tribes consulted included the Confederated Tribes and Bands of the Yakama Nation, the Confederated Tribes of the Colville Reservation, and the Confederated Tribes of the Umatilla Indian Reservation. No response from any of the tribes was received. | | |
| 2. Geology and Soils | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>Explanation:</u> Extremely minimal soil disturbance during installation of an 8-foot by 4-foot concrete pad in graveled yard. | | |
| 3. Plants (including federal/state special-status species) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>Explanation:</u> No disturbance to plants would occur. | | |
| 4. Wildlife (including federal/state special-status species and habitats) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <u>Explanation:</u> No disturbance to wildlife would occur. | | |

5. **Water Bodies, Floodplains, and Fish**
(including federal/state special-status species and ESUs)



Explanation: No water bodies present. Project would not be within a floodplain.

6. **Wetlands**



Explanation: None present.

7. **Groundwater and Aquifers**



Explanation: No impact to groundwater or aquifers.

8. **Land Use and Specially Designated Areas**



Explanation: All work within existing radio station yard.

9. **Visual Quality**



Explanation: No impact to visual quality.

10. **Air Quality**



Explanation: Extremely small amount of dust during concrete pad installation.

11. **Noise**



Explanation: Minimal temporary construction noise.

12. **Human Health and Safety**



Explanation: No impact.

Evaluation of Other Integral Elements

The proposed project would also meet conditions that are integral elements of the categorical exclusion. The project would not:

- Threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders.

Explanation, if necessary:

- Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators) that are not otherwise categorically excluded.

Explanation, if necessary:

- Disturb hazardous substances, pollutants, contaminants, or CERCLA excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases.

Explanation, if necessary:

- 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, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

Explanation, if necessary:

Landowner Notification, Involvement, or Coordination

Description: Not applicable.

Based on the foregoing, this proposed project does not have the potential to cause significant impacts on any environmentally sensitive resources.

Signed: /s/ Elizabeth Siping Date: August 24, 2015