

Categorical Exclusion Determination

Bonneville Power Administration

Department of Energy



Proposed Action: Heyburn Substation Heating, Ventilation and Air Conditioning (HVAC) Replacement

Project Manager: Dino Zeppetalla, TEPO-CSB-2

Location: Minidoka County, Idaho

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 two HVAC units on the control house at its existing Heyburn Substation in Minidoka County, Idaho. The wall-mounted units will replace smaller, insufficient units located on the exterior of the control house.

The new units would require an additional opening in the building wall to accommodate the supply and return. The units would be placed on a metal support stand with concrete pier pads. Construction of the footings may require a few inches of excavation. Any disturbance would be within the graveled substation yard and within the gravel fill layer created during the initial substation construction.

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
Adecco Engineering & Technical

Reviewed by:

/s/ David Kennedy, for

Gene Lynard
Supervisory Environmental Protection Specialist

Concur:

/s/ Katherine S. Pierce

Katherine S. Pierce
NEPA Compliance Officer

Date: February 25, 2015

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 will occur within the existing yard at the Heyburn Substation. 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 type="checkbox"/>	<input checked="" type="checkbox"/>
<u>Explanation:</u> Substation constructed in 1958 during BPA’s period of significance under the Multiple Property Documentation. ID SHPO concurrence on no adverse effect determination 2/17/15 with the condition that new HVAC units be painted to match existing building. Shoshone-Bannock and Shoshone-Paiute Tribes consulted – no response.		
2. Geology and Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> Extremely minimal soil disturbance for pier footings within graveled yard.		
3. Plants (including federal/state special-status species)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> All work in existing substation yard/no plants present.		
4. Wildlife (including federal/state special-status species and habitats)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> All work in existing substation yard/no habitat or species present.		
5. Water Bodies, Floodplains, and Fish (including federal/state special-status species and ESUs)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<u>Explanation:</u> No water bodies present. Project would not be within a floodplain.		

6. **Wetlands**



Explanation: None present

7. **Groundwater and Aquifers**



Explanation: Extremely minimal soil disturbance for pier footings within graveled yard.

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



Explanation: All work within existing substation.

9. **Visual Quality**



Explanation: Equipment replacement only. New air conditioning units will be slightly larger, but still consistent with existing substation.

10. **Air Quality**



Explanation: Extremely small amount of dust and vehicle emissions during construction.

11. **Noise**



Explanation: Temporary construction noise during daylight hours consistent with existing use of facility.

12. **Human Health and Safety**



Explanation: No known soil contamination or hazardous conditions.

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: No notification. All work on BPA fee-owned property. No visual effects to adjacent landowners.

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: February 25, 2015