

## RECORD OF CATEGORICAL EXCLUSION DETERMINATION

**Project ID No.:** PR 10104027

**Title :** Replace Two A/C Units in Control Room Building 301

**Description:** The subcontractor shall provide all labor, materials, tools, equipment, transportation, and supervision to replace two 10 ton Liebert A/C units in control room building 301, including new remote air cooled condensers. Existing line sets are to be flushed, modified as needed and reused for the new equipment.

**Regulatory Requirements** National Environmental Policy Act (NEPA) Implementing Procedures (10 Code of Federal Regulations (CFR) 1021)

### **10 CFR 1021.410 (Application of Categorical Exclusions)**

(a) The actions listed in Appendices A and B of Subpart D are classes of actions that Department of Energy (DOE) has determined do not individually or cumulatively have a significant effect on the human environment (categorical exclusions).

(b) To find that a proposal is categorically excluded, DOE shall determine the following:

- (1) The proposed action fits within a class of actions that is listed in Appendix A or B of Subpart D;
- (2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal; and
- (3) The proposal is not "connected" (40 CFR 1508.25(a)(1)) to other actions with potentially significant impact, is not related to other proposed actions with cumulatively significant impacts (40 CFR 1508.25(a)(2)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211.

### **Appendix B (Categorical Exclusions Applicable to Specific Agency Actions)**

The proposed action must not:

1. Threaten a violation of statutory, regulatory, or permit requirements for environment, safety, and health, including requirements of DOE and/or Executive Orders;
2. Require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities;
3. Disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)-excluded petroleum and natural gas products that preexist in the environment such that would be uncontrolled or un-permitted releases;
4. Have the potential to cause significant impacts on environmentally sensitive resources, which includes (i) property (sites, buildings, structures, and objects) of historical, archeological, or architectural significance; (ii) federally-listed and state-listed threatened or endangered species or their habitat, federally-protected marine mammals and essential fish habitat and otherwise federally-protected species; (iii) floodplains and wetlands; (iv) federally and state designated areas (wilderness areas, national parks, national monuments, national natural landmarks, wild and scenic rivers, wildlife refuges, scenic areas, and marine sanctuaries); (v) prime or unique farmland; (vi) special sources of water (sole-source aquifers, wellhead protection areas, and other vital water resources); and (vii) tundra, coral reefs, or rain forests); or
5. Involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species.

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NEPA Preparer: Jennifer Auger Creation Date: 02/20/2018

**Environmental Analysis:** (mark all environmental aspects that are applicable to this project)

|                      |          |                               |          |                     |          |
|----------------------|----------|-------------------------------|----------|---------------------|----------|
| Air Emissions        | <u>X</u> | Environmental Monitoring      | _____    | Fire                | _____    |
| Green Procurement    | _____    | Project Design                | _____    | Waste               | <u>X</u> |
| Spills/Releases      | _____    | Cavern Integrity              | _____    | Discharges          | _____    |
| Energy Use           | _____    | Natural Resource Preservation | _____    | Water Use           | _____    |
| Transportation       | _____    | Chemical Use/Selection        | <u>X</u> | Public Involvement  | _____    |
| Sustainable Building | <u>X</u> | Electronic Stewardship        | _____    | Wetlands Permitting | _____    |
| Clean Water          | _____    | Pollution Prevention          | _____    |                     |          |

**Aspects/Requirements:**

The task consists of replacing two A/C units in control room Building 301.

- Subcontractor must submit a Waste Management Plan to FFPO Environmental for review and approval prior to commencement of work.
- Subcontractor must only use products for the SPR Qualified Products List or submit SDSs to FFPO Environmental for review and approval prior to commencement of work.
- Subcontractor must follow sustainable building requirements for A/C units.
- Have a certified technician evacuate the refrigerant from the A/C units.

**Categorical Exclusion (CX) Determination**

NEPA review suggests this project is a Categorical Exclusion. This suggestion is based on review of the project description. If there are changes in the scope of this project additional NEPA review may be required.

CX to be applied B1.3

Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures, vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed. Custodial services are activities to preserve facility appearance, working conditions, and sanitation. Routine maintenance activities (corrective, preventive, and predictive) are required to maintain and preserve buildings, structures, infrastructures, and equipment in a condition suitable for a facility to be used for its designated purpose. Routine maintenance may result in replacement to the extent that replacement is in kind and is not a substantial upgrade or improvement. In kind replacement includes installation of new components to replace outmoded components if the replacement does not result in a significant change in the expected useful life, design capacity, or function of the facility. Routine maintenance does not include replacement of a major component that significantly extends the originally intended useful life of a facility.

**NEPA Review Workflow**

This NEPA document is being routed to the following persons or their backups for concurrence.

FFPO Environmental Concurrence: Bob Sevcik

FFPO Description Concurrence: Ken Elliott

DOE Description Concurrence: Ashley Thomas

SPR Derivative Classifier Concurrence: Jeff Dugar

DOE Env. Safety & Health Director Concurrence: Joe Catyb

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**NEPA Approval**

Based on my review of information conveyed to me and in my possession the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1) I have determined that the proposed action fits within the specified actions, the other regulatory requirements set forth above are met, and the action is hereby excluded from further NEPA review.

Approved By

DOE NEPA Compliance Officer

\_\_\_\_\_  
Stephen Reese

# NEPA Review Summary

|                                   |  |
|-----------------------------------|--|
| <b>Created By:</b>                | Baxter, Terry  |
| <b>Date NEPA Review Initiated</b> | 2/20/2018 3:30:44 PM                                     |
| <b>Type of NEPA Review:</b>       | Type B - Record of Categorical Exclusion Determination   |
| <b>Project ID Number:</b>         | PR 10104027  |
| <b>Title:</b>                     | Replace Two A/C Units in Control Room Building 301 at BC |

## Concurrence Details:

|   |                                      |
|---|--------------------------------------|
| <b>Sevcik, Bob</b><br><a href="#">FFPO Environmental Concurrence</a><br>(not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination) | 02/20/2018<br><i>Compliance Date</i> |
| <b>Elliott, Kenneth</b><br><i>FFPO Description Concurrence</i><br>(not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination)       | 02/20/2018<br><i>Compliance Date</i> |
| <b>Thomas, Ashley</b><br><i>DOE Description concurrence</i>   | 02/21/2018<br><i>Compliance Date</i> |
| <b>Dugar, Jeffery</b><br><i>SPR Derivative Classifier</i><br>(only required for Type B)   | 02/21/2018<br><i>Compliance Date</i> |
| <b>Catyb, Joseph</b><br><i>DOE ES&amp;H Director (or Acting)</i><br>(only required for Type B & Type A-DOE Only Record of NEPA Review)  | 02/21/2018<br><i>Compliance Date</i> |
| <b>Reese, Stephen</b><br><i>DOE NEPA Compliance Officer (or Acting)</i>   | 02/22/2018<br><i>Compliance Date</i> |

**ALL SIGNATURES WERE CAPTURED VIA THE ELECTRONIC WORKFLOW SYSTEM.**

Click on the following Link to view the associated NEPA Document:

[https://myspr.spr.doe.gov/sites/doeworkflow/nepa/NEPA\\_Review\\_Documents/CategoricalExclusionPR10104027.pdf](https://myspr.spr.doe.gov/sites/doeworkflow/nepa/NEPA_Review_Documents/CategoricalExclusionPR10104027.pdf)