

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: PR 10104604

Title: Replace the existing HVAC control system for two constant temperature climate control units - BM

Description: The contractor shall provide all material, tools, hardware, software, electronics, mechanical and electrical devices, consumables, equipment, supplies, transportation, facilities, labor, supervision and engineering support to replace the existing electronic / pneumatic HVAC control system for two constant temperature climate control units located at Bryan Mound's building # 201 and # 244. All pneumatic devices, enclosures and tubing will be removed / replaced with electronic and/or electrical mechanical devices and cabling for the two systems. All power supplies, system conductors and conduit shall be replaced. The contractor will replace all the variable air volume boxes and actuators for the two units with similar boxes and actuators that shall be supported by the manufacture for a ten-year period after installation. All VAV, dampeners and register actuators shall be replaced. Each local controller as well as the central control and alarm station will also be replaced due to obsolescence with an addressable component system. All control and monitoring devices, sensors and components as well as any ancillary devices will be replaced and upgraded.

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 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

Created By:	Auger, Jennifer
Date NEPA Review Initiated:	6/20/2018
Type of NEPA Review:	Type B
Project ID Number:	PR 10104604
Title:	Replace HVAC Control Systems on Two Units at BM
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Sevcik, Bob 6/21/2018
FFPO Environmental Concurrence Compliance Date
(not required for Type A-DOE Only Record of NEPA Review or Type B-DOE Only Record of Categorical Exclusion Determination)

Dugar, Jeffery 6/21/2018
SPR Derivative Classifier Compliance Date
(only required for Type B)

Catyb, Joseph 6/28/2018
DOE ES&H Director (or Acting) Compliance Date
(only required for Type B & Type A-DOE Only Record of NEPA Review)

Reese, Stephen 6/28/2018
DOE NEPA Compliance Officer (or Acting) Compliance Date

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/sprworkflow/nepa/NEPA_Uploaded_Documents/Categorical_Exclusion_PR_10104604_Replace_HVAC_C