

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: BM-MM-674

Title: Site Building Upgrades

Description: The contractor shall furnish of labor, tools, equipment, materials, consumables, services, transportation, storage, and supervision necessary to perform the necessary tasks.

The work includes the following:

Building 201 - Repair or replace damaged exterior wall panels. Re-seal all envelope penetrations and repaint exterior of building. Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all exterior windows, doors and side lights. Remove and re-seal all window seals. Install missing ground drainage discharge grates on existing drain system. Replace damaged glass panes as indicated on the drawings.

Building 202 - Demolish air handling system CCUC-19, a packaged air conditioning unit mounted on wood beams on grade. Remove piping and minimal ductwork routed from the air handler to the exterior wall. Install a new 25-ton packaged air conditioning system with electric heat in the existing location on a concrete pad sized according to new unit requirements. Route new supply and return air ductwork from the air handler and connect to the existing ductwork tie-in connections at the exterior wall. Demolish wall-mount packaged heat pump unit, CCUC-35, and replace in-kind.

Building 204 - Remove and replace the bottom 3' of damaged exterior panels and components. Replace existing personnel door. Replace in kind existing water fountain.

Building 210 - Remove and replace damaged exterior panels and components. Remove and re-seal all window seals. Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all exterior windows and doors. Re-seal all building envelope penetrations. Clean all downspouts drain discharge, place new drain grate 8" diameter (V.O.J.). Replace in-kind (1) roll up door head and jamb assembly as indicated on drawings. Remove and replace 4 roof vents. Demolish and remove abandoned planter on south end of building. Install ground drainage discharge grates on existing drain system.

Building 242 - Remove and replace bottom 3' of damaged exterior panels and components. New wall panels and screws with panels shall be of the same gauge and profile as the existing panels; include all associated trim and flashing materials. Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all exterior windows and doors. Replace damaged glass pane in personnel door. Remove and re-seal all window sealants. Remove and replace all ceiling tiles and grid. Repair and reseal all building envelope penetrations. Remove and replace all interior ceiling insulation above fire water side and, all insulation above building operations area. Remove damaged paint from internal structural building steel bents up to 8 feet high.

Building 244 - Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all exterior windows and doors. Repair and re-seal all envelope penetrations; replace all door weather-stripping. Remove and re-seal all window seals. Replace, reseal and re-flash all exterior A/C mesh covers/louvers. Replace in kind up to 120 water damaged, stained, interior ceiling tiles. Replace water damaged existing plaster soffit at each two south entrances and replace with 3/4" plaster on cement board panels. Contractor shall install new unfaced 3 5/8" Thermal batt insulation above soffits, with minimum R-15 value. Room #147: Replace and install new floor tiles, paint all walls, remove and replace in kind exhaust grille. Room #126: Contractor shall remove existing gypsum and plywood to bare studs. Contractor shall install new 3/4" fire retardant plywood on top of gypsum board, contractor shall install and type X gypsum board in all walls. Detach existing wall mounted equipment including switches, conduits, etc. and re-attach.

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

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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.

NEPA Preparer: Matthew Dubuc

Creation Date: 1/2/2019

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

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

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

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required.

CX to be applied B1.3

Routine maintenance activities and custodial services for buildings, structures, rights-of-way, infrastructures (including, but not limited to, pathways, roads, and railroads), vehicles and equipment, and localized vegetation and pest control, during which operations may be suspended and resumed, provided that the activities would be conducted in a manner in accordance with applicable requirements. Custodial services are activities to preserve facility appearance, working conditions, and sanitation (such as cleaning, window washing, lawn mowing, trash collection, painting, and snow removal). Routine maintenance activities, corrective (that is, repair), 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. Such maintenance may occur as a result of severe weather (such as hurricanes, floods, and tornados), wildfires, and other such events. 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, provided that 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 (for example, it does not include the replacement of a reactor vessel near the end of its useful life).

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:	Dubuc, Matthew
Date NEPA Review Initiated:	1/2/2019
Type of NEPA Review:	Type B
Project ID Number:	BM-MM-674
Title:	Site Building Upgrades
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Sevcik, Bob 1/2/2019
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)

Crosby, Thomas 1/2/2019
SPR Derivative Classifier *Compliance Date*
(only required for Type B)

Catyb, Joseph 1/14/2019
DOE ES&H Director (or Acting) *Compliance Date*
(only required for Type B & Type A-DOE Only Record of NEPA Review)

Reese, Stephen 1/17/2019
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/BM-MM-674_site_building_upgrades.docx, NEPA Doc L