

## RECORD OF CATEGORICAL EXCLUSION DETERMINATION

**Project ID No.:** BM-MM-670

**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:

**Administration Building 800** - Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all windows, doors, and side lights, in accordance with the manufacturer's instructions. Materials to meet Missile Level C. Reseal all exterior louver frames and flashing.

**Control Center Building 801** - Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of existing glazing of all windows, doors, and side lights, in accordance with the manufacturer's instructions. Materials to meet Missile Level C.

**Maintenance/Warehouse Building 802** - Replace designated existing corroded steel wall panels and all existing translucent fiberglass wall panels with new components to match the existing panels in profile, gauge and color. All new screws shall be stainless steel self-drilling type with neoprene washers. Materials shall carry a 20-year warranty against panel failure. Furnish and install 3M Ultra 8mm S800 film, or approved equal, impact resistant film on interior face of exterior and interior glazing of windows, doors, and side lights of the building.

**Tool Room Building 803** - Prime and coat entire roof, including roof vent curbs, and ridge caps, along with all miscellaneous flashing with reflective coating system that meets the "cool roof" requirements. Coating system shall meet DOE Specifications. Reseal all roof penetrations including but not limited to exhaust fan curbs and ridge caps with sealant compatible with roof coating system.

**Fire Water Pump Building 810** - Replace the bottom 3 feet of designated wall panels and screws with panels of the same gauge and profile as the existing panels. Include all associated trim and flashing materials. Match the existing building panel color. Screws shall be stainless steel self drilling type with neoprene washers.

**Laydown Storage Building 812** - Replace designated wall, roof panels and screws with panels of the same gauge and profile as the existing components. Match the existing building panel color. Screws shall be stainless steel self-drilling type with neoprene washers. Replace designated roof panels and associated trim and flashing. Replaced roof components shall meet "cool roof" requirements.

**Security Operations Center (SOC) Building 815** - masonry units. Prepare existing CMU wall, furnish and install rubberized damp proofing for CMU walls. Furnish and install new closed cell pre-insulated metal wall panels. Panel exterior finish shall be Centria, Versacor Ultra finish, or approved equal. All replacement insulated pre-finished metal panels shall carry a 20 year "no dollar limit" NOL warranty. Furnish and install 3M Ultra 8mm, S800 film or approved equal, impact resistant film on interior face of the exterior glazing of all windows, doors, and side lites. Clean existing main roof with a cleaning system approved by the roof coating manufacturer for this particular roofing system. Replace front canopy roof system down to the metal deck and furnish and install new Duro-last PVC, single ply roofing system "white" over new rigid tapered insulation system. New roofing system to meet 152 mph wind load. Insulation shall be fastened with screws recommended by the roofing manufacturer for the wind load specified. Roof system shall meet "cool roof" requirements. Also replace all scupper flashing systems and cant strips. All new flashing and fasteners shall be stainless steel. Grade the north side of the building and slope area to drain to existing ditch. Finish grade all disturbed areas and reuse/reinstall St. Augustine sod, with full coverage. Grade new swale at a minimum of 1/8" per foot slope.

**Communications Building at RWIS 819** - Furnish and install new concealed fastener type stainless steel roof and wall panel system, including furring channels and stainless steel self-drilling screws over

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existing fiberglass wall and roof system. Seal any holes in fiberglass prior to installing new stainless steel systems. New roof system shall meet "cool roof" requirements.

**FIB Building 8** - Furnish and install 3" thick isocyanurate closed cell insulation in areas of conduit penetrations and rectangular non-insulated areas under the structural floor.

**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.

NEPA Preparer: Matthew Dubuc

Creation Date: 01/06/2019

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

Air Emissions		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			

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### **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 (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:	1/6/2020
Type of NEPA Review:	Type B
Project ID Number:	BM-MM-670
Title:	Site Building Upgrades
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

## Concurrence Details:

**Auger, Jennifer** 1/6/2020  
*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** 1/6/2020  
*SPR Derivative Classifier* *Compliance Date*  
(only required for Type B)

**Woods, Will** 1/6/2020  
*DOE ES&H Director (or Acting)* *Compliance Date*  
(only required for Type B & Type A-DOE Only Record of NEPA Review)

**Reese, Stephen** 1/6/2020  
*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-670\\_site\\_building\\_upgrades.docx, NEPA Doc L](https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/BM-MM-670_site_building_upgrades.docx, NEPA Doc L)