

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No.: BM-MM-1423, WH-MM-1424, BC-MM-1425, BH-MM-1426

Title: Correct Relief Valve Vibration Failures on MOV-03 Valves

Description: Contractor shall provide all materials, labor, supervision, and equipment to perform work associated with Correct Relief Valve Vibration Failures on MOV-03 Valves at all four SPR sites. Work shall include fabricating and installing pipe supports, performing hot taps of pipelines, replace pipeline when necessary, and repair any damage to power cables or instrumentation cables.

The task is being performed to eliminate piping cross connects and stiffen the connections between PSV drain and header piping to eliminate vibration failures of the type that has occurred in the past.

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: Matthew Dubuc

Creation Date: 06/20/2018

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

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

Aspects/Requirements:

The task consists of repairing relief valve vibration failures on MOV-03 valves.

- 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 take measures to minimize/eliminate oil spills.

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 Review Workflow

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

FFPO Environmental Concurrence: Bob Sevcik

SPR Derivative Classifier Concurrence: Jeff Dugar or Thomas Crosby

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

Created By:	Auger, Jennifer
Date NEPA Review Initiated:	6/28/2018
Type of NEPA Review:	Type B
Project ID Number:	BM-MM-1423, WH-MM-1424, BC-MM-1425, BH-MM-1426
Title:	Correct Relief Valve Vibration Failures on MOV-03 Valves
Workflow Status:	Approved

If Workflow Status is Rejected, see below for Reason:

Concurrence Details:

Sevcik, Bob 7/2/2018
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)

Crosby, Thomas 7/2/2018
SPR Derivative Classifier *Compliance Date*
(only required for Type B)

Catyb, Joseph 7/9/2018
DOE ES&H Director (or Acting) *Compliance Date*
(only required for Type B & Type A-DOE Only Record of NEPA Review)

Reese, Stephen 7/16/2018
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_BM-MM-1423_WH-MM-1424_BC