

## RECORD OF CATEGORICAL EXCLUSION DETERMINATION

**Project ID No.:** BM-MM-779

**Title:** Replace Obsolete RW Injection Pump Vibration Transmitters

**Description:** The contractor shall provide tools, equipment, materials, consumables, services, transportation, storage, and supervision to remove the existing obsolete Bentley Nevada vibration monitoring instrumentation on the raw water injection pumps at Bryan Mound, and replace with NEW METRIX vibration transmitters. Contractor shall remove the existing Bentley Nevada printed circuit boards (PCBs) and transmitters, and remove existing Bentley Nevada power supplies from the back panel of existing motor and pump vibration transmitter junction boxes. Contractor shall replace existing Bentley Nevada vibration transmitters with new Contractor Furnished Equipment (CFE) METRIX vibration 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: Matthew Dubuc

Creation Date: 08/15/2018

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

Air Emissions		Environmental Monitoring		Fire	
Green Procurement		Project Design		Waste	X
Spills/Releases	X	Cavern Integrity		Discharges	
Energy Use		Natural Resource Preservation		Water Use	
Transportation		Chemical Use/Selection	X	Public Involvement	
Sustainable Building		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 required.

CX to be applied B5.2

Modifications to existing pump and piping configurations (including, but not limited to, manifolds, metering systems, and other instrumentation on such configurations conveying materials such as air, brine, carbon dioxide, geothermal system fluids, hydrogen gas, natural gas, nitrogen gas, oil, produced water, steam, and water). Covered modifications would not have the potential to cause significant changes to design process flow rates or permitted air emissions.

**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>	Auger, Jennifer
<b>Date NEPA Review Initiated:</b>	8/18/2018
<b>Type of NEPA Review:</b>	Type B
<b>Project ID Number:</b>	BM-MM-779
<b>Title:</b>	Replace Obsolete RW Injection Pump Vibration Transmitters
<b>Workflow Status:</b>	Approved

If Workflow Status is Rejected, see below for Reason:

## Concurrence Details:

**Sevcik, Bob** 8/20/2018  
*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** 8/20/2018  
*SPR Derivative Classifier Compliance Date*  
(only required for Type B)

**Catyb, Joseph** 8/20/2018  
*DOE ES&H Director (or Acting) Compliance Date*  
(only required for Type B & Type A-DOE Only Record of NEPA Review)

**Reese, Stephen** 8/27/2018  
*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-779\\_replace\\_obsolete](https://myspr.spr.doe.gov/sites/sprworkflow/nepa/NEPA_Uploaded_Documents/Categorical_Exclusion_BM-MM-779_replace_obsolete)