

RECORD OF CATEGORICAL EXCLUSION DETERMINATION

Project ID No. BC-MM-1130, BH-MM-1131, BM-MM-1132, WH-MM-1133

Title: Very Early Smoke Detection Apparatus (all SPR sites)

Description: Subcontractor shall provide all engineering, design, labor, tools, equipment, materials, consumables, services, transportation, storage, and vendor shop drawings required to furnish, install, test and certify a complete Very Early Smoke Detection Apparatus (VESDA) system to protect areas or rooms housing the Area Detection Alarm System (ADAS) equipment at all SPR sites. Tasks include providing a new VESDA Panel, PVC smoke detection piping, smoke detection capillary tubing, and connecting the new VESDA System to the existing Det-Tronics Eagle Quantum Fire Detection and Alarm System (FDAS) at all SPR sites. Routing of smoke detection piping and conduit above existing lay-in ceiling will also be performed at BM only.

Regulatory Requirements: [NEPA Implementing Procedures \(10 CFR 1021\)](#)

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 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, but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions.
3. Disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and /natural gas products that preexist in the environment such that would be uncontrolled or un-permitted releases; or
4. Adversely affect environmentally sensitive resources.

Categorical Exclusion to be applied: B2.2

Installation of, or improvements to, building and equipment instrumentation (including, but not limited to, fire detection and protection systems.)

Electronic approval via NEPA Workflow
Approved by SPRPMO
NEPA Compliance Officer

5/18/15
Determination Date