



# Office of Environmental Management

## U.S. Department of Energy

### Categorical Exclusion Determination Form

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Proposed Action Title: Replace Inert Loading Panalarm and Temperature Recorder in Room 324 of Building 234-H

Program or Field Office: Savannah River Site

Location(s) (City/County/State): Aiken/Aiken County/South Carolina

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#### Proposed Action Description:

Replace the existing capability of the alarm / indication panel and temperature chart recorder with an SRNL designed Digital Acquisition System (DAS) that can consolidate the existing functions of the control panel using a LabVIEW program interface. This will require installation of a communication module with cabling from the new control panel hardware to the existing field instrument hardware.

Some of the components of the inert loading control panel, T411-13B-1, have become obsolete. The temperature chart recorder is a paper strip-chart recorder. It is no longer available for replacement. Also, the Panalarm cards housed within the control panel are obsolete and cannot be replaced. They are an integral part of operation of the valves, pumps and compressors in Inert Loading System for Loading Lines 1 and 2. These components have also been identified as being vulnerable to failure, which when combined with their obsolescence, could compromise the facility's ability to continue satisfying its mission requirements.

Refer to MT-TRI-2023-00009 and the file labeled "Performance and Design Criteria for MT-TRI-2023-00009", for the design input.

Revision 0 of this EEC currently addresses the design and procurement portions of this modification. This EEC will be revised to include the facility modification portion of the work prior to construction and installation.

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#### Categorical Exclusion(s) Applied:

B1.3 ROUTINE MAINTENANCE

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For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of [10 CFR Part 1021](#).

Regulatory Requirements in 10 CFR 1021.410(b): (See full text in regulation)

☒ The proposal fits within a class of actions that is listed in Appendix A or B to 10 CFR Part 1021, Subpart D. To fit within the classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE 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 CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those listed in paragraph B(5) of 10 CFR Part 1021, Subpart D, Appendix B.

☒ There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal.

☒ The proposal has not been segmented to meet the definition of a categorical exclusion. This proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

Based on my review of the proposed action, I have determined that the proposed action fits within the specified class(es) of action, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.

NEPA Compliance Officer:

Date Determined: 06/22/2023

Comments: EEC No: OBU-H-2023-00051 Rev No: 0