



# Office of Environmental Management

## U.S. Department of Energy

### Categorical Exclusion Determination Form

Proposed Action Title: F/H Lab Deactivation Project (772-F, 772-1F & 285-3F)

Program or Field Office: Savannah River Site

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

#### Proposed Action Description:

This activity is for completing a safe shutdown and deactivation process for F/H Lab (772-F, 772-1F & 285-3F). This process is required to prepare the facility for D&D in the out years. This will involve removing unused chemical and sample returns, removal of combustibles to the greatest extent possible, reducing Material at Risk (MAR), isolating electrical power, diesel power and utilities (steam, water, instrument air, argon and compressed gasses). In addition, activities associated with implementing SAR/TSR Rev. 20 are outlined in the attached Safety Basis Implementation Plan (see attached). The SAR and TSR are the Safety Basis for the operation of the F/H Laboratory when analytical operations are terminated in Buildings 772-F and 772-1F for lay-up and deactivation.

#### Revision 1 Summary

- ⌚ This revision includes updated information regarding Revision 0 and addresses excavations that may require an O&M Plan.

#### Revision 2 Summary

- ⌚ This revision includes updated information regarding the Ventilation Transition Sequence (VTS) of the 772-1F Stack.

#### Revision 3 Summary

- ⌚ This revision includes updated information regarding the Ventilation End State (VES) of the 772-1F Stack.

#### Categorical Exclusion(s) Applied:

B1.28 PLACING A FACILITY IN AN ENVIRONMENTALLY SAFE CONDITION

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: 05/01/2024

Comments: EEC No: OBU-F-2020-0334 Rev No: 3