



# U.S. Department of Energy

## Categorical Exclusion Determination Form

Proposed Action Title: Demolition of ORISE Building SC-13 (CX-ORISE-2018-01)

Program or Field Office: Office of Science - ORISE

Location(s) (City/County/State): Oak Ridge, Tennessee

Proposed Action Description:

The Department of Energy proposes to demolish Building SC-13 at the Oak Ridge Institute for Science and Education (ORISE).

In recent years, ORISE has completed actions to modernize and consolidate operations at the ORISE South Campus. The proposed action would enhance aesthetics and remove a storage facility at the site currently in a state of active deterioration. Building SC-13 has been declared excess due to the recent expansion of the SC-200 warehouse. The items formerly stored in Building SC-13 have been disposed of or relocated.

The proposed action would include: disconnecting utility services; demolishing the building by conventional methods (i.e., wrecking equipment); and removing the demolished debris from the site. Demolition activities would require the proper segregation of any hazardous materials such as light bulb and light fixture ballasts prior to disposal of the remaining debris as sanitary/industrial waste. All asbestos-containing materials identified during building characterization have been removed.

Appropriate storm water pollution controls will be installed and inspected prior to beginning demolition activities. In addition, if demolition occurs during bat roosting season (March 31 through October 15), surveys would be performed for evidence of bat roosting activities.

The proposed action will generate a variety of demolition waste which will be handled and disposed of appropriately. This will include: (1) Limited quantities of hazardous materials such as light bulbs, potentially PCB-containing light fixture ballasts, etc. Universal wastes and hazardous wastes will be segregated and recycled or disposed of as appropriate through existing ORISE waste management systems. (2) The building will be radiologically surveyed and sampled. No radiological contaminated materials are anticipated, but if encountered will be removed and managed in accordance with existing procedures until the building is free-released for demolition. (3) Materials with painted surfaces will be characterized for potential lead and/or PCB content prior to demolition to confirm that resulting waste streams will meet waste acceptance criteria for the receiving facility. (4) All building materials will be fully characterized according to the Resource Conservation and Recovery Act (RCRA) and Toxic Substance Control Act (TSCA) regulations to confirm that resulting waste streams will meet waste acceptance criteria for the receiving facility. (5) All nonhazardous and nonradioactive waste material will be disposed of at an approved sanitary landfill site. (6) ORISE involvement in the disposal of hazardous waste would include characterizing, packaging, and certifying the waste to assure that it meets the acceptance requirements of the receiving organization.

This action falls under Section 5.1.1.3.A. of the Cultural Resources Management Plan (DOE/ORO 2085, July 2001).

The facility has been surveyed in accordance with Section 106 of the National Historic Preservation Act and it is not considered eligible for inclusion in the National Register of Historic Places.

Categorical Exclusion(s) Applied:

B1.23 - Demolition and disposal of buildings

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.

The above description accurately describes the proposed action, which reflects the requirements of the CX cited above. Therefore, I recommend that the proposed action be categorically excluded from further NEPA review and documentation.

**Program Point of Contact:** Martha J. Kass **Date Determined:** 5/8/2018  
Martha J. Kass, DOE-OSO  
Director, Operations and Oversight Division

Based on my review of the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1B), 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:** Peter R. Siebach **Date Determined:** 5/17/2018  
Peter R. Siebach, DOE-SC-CH  
DOE-OSO NEPA Compliance Officer