

NEPA REVIEW SCREENING FORM

Document ID Number:

DOE/CX-00074

I. Project Title:

Project Z-064, Waste Sampling and Characterization Facility Heating, Ventilation, and Air Conditioning System Upgrade

II. Project Description and Location (including Time Period over which proposed action will occur and Project Dimensions - e.g., acres displaced/disturbed, excavation length/depth, area/location/number of buildings, etc.):

The Waste Sampling and Characterization Facility (WSCF) is an analytical laboratory located between the 200 East and 200 West Areas of the Hanford Site along Route 3. The WSCF North Laboratory utilizes a distributed system for controlling and monitoring equipment and building conditions; including the heating, ventilation, and air conditioning (HVAC) system. The HVAC system is based on an old and obsolete Robert Shaw DMS 350A control architecture. The HVAC system has exceeded its design life and requires upgrading to support the continuing mission of the laboratory.

The HVAC system control and monitoring instrumentation requires "in-kind" replacement with state-of-the-art components. This includes replacement of damper positioners, pressure transmitters, and damper limit switches. The HVAC system is unreliable and spare parts are no longer commercially available.

It is expected that this work will be conducted over the next 6 months. All work will be conducted on the interior of the laboratory in previously disturbed or developed areas. The existing HVAC system duct work and exhaust fans will be utilized and are not part of the proposed upgrades. The work focuses primarily on "in-kind" replacement of HVAC system monitoring equipment hardware and associated control software. No Ozone Depleting Substances (ODS) or other hazardous constituents will be encountered as a result of the proposed HVAC system upgrades.

The proposed action is addressed by 10 CFR 1021, Subpart D, Appendix B, Categorical Exclusion (CX) B2.1, "Workplace Enhancements." This CX covers "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction)."

This NEPA determination is for application of an Activity-Specific CX to a project-related action that is non-routine and non-recurring in nature.

III. Reviews (if applicable):

Biological Review Report #: Not required if not "List 1" activity per CERR clearance criteria.*

Cultural Review Report #: Not required if not "List 1" activity per CERR clearance criteria.*

Additional Attachments:

*Exemption per MSA "Criteria for Determining Need for Cultural and Ecological Resources Review (CERR) and Clearance - Guidance for Environmental Compliance Officers"

IV. Existing NEPA Documentation

YES NO

Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?

If "NO," proceed to Section V. If "YES," List EA, EIS, or CERCLA Document(s) Title and Number:

Not Applicable

And then complete Section VI. Provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information only. DOE NCO signature is not required.

