RL-721
REV 5

NEPA REVIEW SCREENING FORM

Document ID Number: DOE/CX-00071 Rev 1

I. Project Title:

Categorical Exclusion for PNNL Projects involving Facility, Safety and Environmental Improvements in the 300 Area - 2013

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.):

PNNL proposes to undertake safety and environmental improvements as well as replace and/or upgrade facility components and equipment in the 300 Area facilities. Facilities include associated parking lots, sidewalks, utilities, gantries, transmission lines and associated systems. Under the proposed action, activities would include but not be limited to:

- modifying, upgrading, replacing and/or upgrading control valves, in-core monitoring devices, gaseous and/or liquid monitoring systems, air filtration systems, and substations or capacitors, environmentally sustainable and safety-oriented systems, alarm and safety systems, fire detection and protection systems, and emergency warning systems;
- adding safety features such as railings, walkways or other safety related features, safety code features such as structural bracing to mitigate earthquake, high winds or other natural events(snow loading);

- replacing above and/or below ground piping and tanks (if there is no evidence of leakage based on approved testing). Prior to replacing or upgrading facility components, PNNL would isolate, disconnect, and remove utilities (power, water and sewer), and disconnect, pack and/or remove machinery, and equipment or other items that are to be replaced and/or upgraded as needed. Buildings and structures would be decontaminated as necessary. Implementation may generate small quantities of excess materials, hazardous or radioactive wastes, PCBs, asbestos and other debris. Such materials would be recycled, re-used or disposed of, as appropriate.

The proposed action would include reasonably foreseeable actions necessary to implement the proposed activities, such as minor excavation, establishment of temporary structures, equipment and material staging, waste management, equipment maintenance, office and furniture moves, and award of grants and contracts. Modification activities also might involve minor noise levels, air emissions such as localized dust or fumes from construction equipment; or water effluents such as construction rinse water, dust suppression, or hydrotest water. In all instances, environmental impacts are expected to be small and temporary in nature. These actions would not include rebuilding or modify substantial portions of a facility. Additional NEPA review would be required for actions that result in a significant change in the expected useful life, design capacity, or function of a facility, or when widespread and persistent contamination would need to be removed to enable facility improvements or upgrades to proceed.

III. Reviews (if applicable):

Biological Review Report #: Biological Reports will be prepared for projects, as necessary.

Cultural Review Report #: Cultural Reports will be prepared for projects, as necessary.

Additional Attachments:

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:

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.

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NEPA REVIEW SCREENING FORM (continued)

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V. Categorical Exclusion	YES	NO
Does the proposed action fall within a class of actions that is listed in Appendixes A or B to Subpart D of 10 CFR Part 1021?	☒	☐
Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	☐	☒
Is the proposal connected to other actions with potentially significant impacts or result in cumulatively significant impacts (not precluded by 40 CFR 1506.1 or 10 CFR 1021.211)?	☐	☒

List CX to be applied and complete Categorical Exclusion Integral Elements (where an action might fit within multiple CXs, use the CX that best fits the proposed action):

B2.5 Facility, Safety and Environmental Improvements

Categorical Exclusion Integral Elements	YES	NO
Does the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, or health, including DOE and/or Executive Orders?	☐	☒
Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	☐	☒
Does the proposed action disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases?	☐	☒
Does the proposed action adversely affect environmentally sensitive resources?	☐	☒
Does the proposed action involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species such that the action is NOT contained or confined in a manner designed, operated, and conducted in accordance to applicable requirements to prevent unauthorized release into the environment?	☐	☒

If "NO" to all Categorical Exclusion Integral Elements questions above, complete Section VI, and provide to DOE NCO for final Approval/ Determination and signature in Section VII.

If "YES" to any of the Categorical Exclusion Integral Elements questions above, contact DOE NCO for additional NEPA Review.

VI. Responsible Contractor Signatures

	Name (Printed)	Signature	Date
Initiator	J. Amanda Stegen		5/1/13
Cognizant Environmental Compliance Officer			

VII. Approval/Determination

DOE NEPA Compliance Officer: Cliff Clark

Based on my review of information conveyed to me and in my possession (or attached) concerning 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 of action:

NCO Determination - ☒ CX ☐ EA ☐ EIS

Signature: Date: 6/24/2013