

**NEPA REVIEW SCREENING FORM**

Document ID Number:

DOE/CX-00078

**I. Project Title:**

Rerouting of Power Lines at 100-D Reactor in Support of Site Remediation

**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.):**

Proposed action will remove/reroute small sections of existing 230-kV/13.8-kV aerial electrical power lines at 100-D Reactor to support remedial action excavation operations (see attached map). Construction includes (1) site preparation including safety and temporary facilities, controls, clearing, and grading necessary for access roads and counterpoise installation; (2) new aerial power lines and tie-in of existing equipment, replacement of power poles to a maximum depth of 25-feet, guy wires, anchors, etc.; (3) remove de-energized power line components; (4) clear vegetation 50-feet on either side of new 230-kV power line route; (5) install 2 counterpoise lines buried 2-feet deep within cleared zone along new 230-kV power line route. Removed power line components will be disposed in the Environmental Restoration Disposal Facility (ERDF) in accordance with established waste acceptance criteria.

An ecological resources review was completed on May 24, 2012 (12-ER-014). Vegetation consists mainly of cheatgrass, Russian thistle, Sandberg's bluegrass, sand dropseed, gray rabbitbrush, tumbled mustard, and yarrow. Some Big Sagebrush (level III resource per Biological Resources Management Plan) discovered, but disturbance can and will be avoided. No adverse impacts anticipated provided surface disturbing activities occur in previously disturbed areas with minimal vegetation cover. Non-essential off-road driving will be avoided to minimize habitat disturbance and noxious weed spread. Support vehicles will park on existing roads and graveled areas. Additional surveys will be necessary for activities conducted during bird nesting season (mid-March through July). If nesting behavior is seen, or an active nest found, suspend work immediately and contact an Ecological Resources Specialist. The proposed action is within ¼ mile of Columbia River; the U.S. Fish and Wildlife Service has been notified.

A cultural resource review was completed (HCRC #2011-100-056). On February 2, 2012, the DOE Cultural Resources Program concurred with a finding of "No Historic Properties Affected." If cultural materials (bones, stone tools, mussel shell, cans, bottles, etc.) are found, suspend work immediately and contact a Cultural Resources Specialist.

The proposed action fits a category of action described by 10 CFR 1021, subpart D, appendix B, categorical exclusion (CX) B4.13, "Upgrading and Rebuilding Existing Power Lines." This CX covers "Upgrading or rebuilding approximately 20 miles in length or less of existing electric power lines, which may involve minor relocations of small segments of the power lines."

This is an Activity-Specific CX for a project-specific, non-routine, and non-recurring action.

**III. Reviews (if applicable):**

Biological Review Report #: 12-ER-014

Cultural Review Report #: HCRC #2011-100-056

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:

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.

**NEPA REVIEW SCREENING FORM (continued)**

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**V. Categorical Exclusion**

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?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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): CX B4.13, "Upgrading and Rebuilding Existing Electrical Power Lines"		

**Categorical Exclusion Integral Elements**

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?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the proposed action adversely affect environmentally sensitive resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	Jerry W. Cammann, NEPA SME	<i>Jerry W. Cammann</i>	9-24-12
Cognizant Environmental Compliance Officer			

**VII. Approval/Determination**

DOE NEPA Compliance Officer: Woody Russell

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: *Woody Russell* Date: 9/24/12

