

DOE-ID-NEPA CX DETERMINATION  
IDAHO NATIONAL LABORATORY

**SECTION A. Project Title:** Reverse Osmosis System Removal

**SECTION B. Project Description:**

The project will remove a reverse osmosis water treatment system (FU-HA-101) from TAN 681 room 182. The system is out-of-service, with no intent of future use. Work will involve removal of the reverse osmosis system, and associated plumbing/piping and electrical lines and conduit.

The project will clear the area of obstacles and tripping hazards associated with unused/unnecessary equipment and utilities.

**SECTION C. Environmental Aspects / Potential Sources of Impact:**

**Generating and Managing Waste:** Project activities will result in generation of an estimated 90 cubic ft. of low-level radioactive waste. Wastes will be characterized and dispositioned through Waste Generator Services. Reuse and recycling of materials will be practiced where practicable.

**SECTION D. Recommended Level of Environmental Review (or Documentation) and Reference(s):** Identify the applicable categorical exclusion from 10 CFR 1021, Appendix B, give the appropriate justification, and the approval date.

Note: For Categorical Exclusions (CXs) the proposed action must not: 1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, including requirements of DOE orders; 2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities; 3) 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; 4) adversely affect environmentally sensitive resources. In addition, no extraordinary circumstances related to the proposal exist which would affect the significance of the action, and the action is not "connected" nor "related" (40 CFR 1508.25(a)(1) and (2), respectively) to other actions with potentially or cumulatively significant impacts.

References: 10 CFR 1021, Appendix B to Subpart D, item B1.26 categorical exclusion, "Small water treatment facilities."

Justification: The proposed action would allow the removal of obsolete, out-of-service, equipment in TAN 681. Project activities described in this EC are consistent with 10 CFR 1021, Appendix B to Subpart D, item B1.26 categorical exclusion, "Siting, construction, expansion, modification, replacement, operation, and decommissioning of small (total capacity less than approximately 250,000 gallons per day) wastewater and surface water treatment facilities whose liquid discharges are externally regulated, and small potable water and sewage treatment facilities."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)  Yes  No

Approved by Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 6/25/2012