

DOE-ID NEPA CX DETERMINATION
IDAHO NATIONAL LABORATORY

SECTION A. INL – Experimental Breeder Reactor II (EBR-II) Fuel Movement from FSA in CPP-666 to RSWF at MFC-771, Rev. 2

SECTION B. Project Description

Project activities will support the Experimental Breeder Reactor II fuel movements from the Idaho Nuclear Technology and Engineering Center (INTEC), CPP-666 Fuel Storage Area to the Radioactive Scrap and Waste Facility (RSWF), designated as MFC-771, at the Materials and Fuels Complex (MFC). Moving fuel from INTEC to the Fuel Conditioning Facility at MFC has been occurring since 2011. To meet the conditions in the Idaho Settlement Agreement, fuel will also be transferred to the RSWF for interim storage. The Idaho Settlement Agreement requires the Department of Energy to complete the transfer of all spent nuclear fuel currently in wet storage facilities at the INL to dry storage by December 31, 2023.

Revision 1 addressed two changes: (1) construction of an asphalt pad in RSWF to accommodate the forklift operation and (2) the use of U.S. Highway 20 to transport the fuel in addition to the Haul Road. Revision 2 addresses procurement, installation and operation of a personnel trailer and portable restroom (comfort station) at MFC.

A project trailer for Fluor personnel will be placed at a location approximately 125 feet west of trailer MFC-TR-64 in sagebrush-covered area. Electric power will be run to the trailer, which may require excavation. In addition, a comfort station will be placed in the same general area. The portable restroom trailer will include 3-bathroom units, a 125-gallon freshwater tank and a 500-gallon septage waste holding tank.

The 125-gallon freshwater tank will be filled from an MFC water source via a hose. The water is not potable water and will only be used for flushing toilets. The use of the water in the portable restroom trailer would be deemed “non-potable water” and can only be used for flushing toilets. Hand sanitizer will be provided and sinks will be posted as follows.

Water may only be used for flushing toilets. Water is not to be used for any personal hygiene including washing hands, washing dishes, or human consumption.

The 500-gallon septage tank will be pumped out by a permitted outside vendor once a week. The sink water faucets are metered.

SECTION C. Environmental Aspects / Potential Sources of Impact

Contaminated Sites Disturbance – Soil disturbances require completion of a Notice of Soil Disturbance. Soil disturbance will be coordinated with appropriate personnel.

Cultural/Historical Resource Disturbance – A cultural resource review may be required prior to the placement of the project trailer and comfort station area west of MFC-TR-64.

Discharges to Wastewater Systems or Groundwater – An outside vendor will pump the 500-gallon septage holding tank once a week.

SECTION D. Determine the 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

**DOE-ID NEPA CX DETERMINATION
IDAHO NATIONAL LABORATORY**

Page 2 of 2
CX Posting No.: DOE-ID-ICP-18-001,
Rev. 2

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: B1.15, Support buildings

Justification: The modular personnel trailer and comfort station will provide office space and sanitary facilities for Fluor personnel at MFC.

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

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on September 28, 2020.