

**U.S. Department of Energy
Naval Reactors Laboratory Field Office**

Naval Reactors Facility

National Environmental Policy Act (NEPA) Categorical Exclusion (CX)
Determination Summary Form

**Naval Reactors Facility (NRF) Overpack Transfer Path Extension
General Plant Project (GPP)**

REFERENCE

10 CFR Part 1021, Department of Energy National Environmental Policy Act Implementation Procedures, Subpart D, Typical Classes of Actions

PROJECT SCOPE DISCUSSION

The proposed project will extend the overpack transfer path to the Spent Fuel Processing Facility – South. The NRF Overpack Transfer Path Extension will be constructed similar to the existing overpack transfer path. The base will be reinforced concrete with a topping slab. The topping slab will have ½ inch piping imbedded in the slab which will circulate a heated glycol fluid to maintain the transfer path free of snow and ice in the winter months. The top ¾ inch layer will consist of a four part urethane material that will be troweled onto the topping slab. This material is manufactured and installed by StonHard Corporation. The area where the transfer path will be positioned is the current crawler path. This area has been previously excavated to build the soil base, and wood mats/carbon steel plates were installed to help support the crawler during transport movement. During excavation for this project, the wood mats will be removed and dispositioned. During construction waste materials generated will generally consist of asphalt debris, concrete debris (including wash water from concrete trucks), carbon steel plating, empty chemical containers, and used chemical application materials. This project is anticipated to begin in calendar year 2013.

The project does not violate applicable regulatory requirements, require construction or major expansion of waste handling facilities, result in unpermitted releases of hazardous substances, or adversely affect environmentally sensitive resources, including wetlands. The project does not involve genetically engineered organisms or species. There are no extraordinary circumstances related to the proposed action. The project has not been segmented to meet the definition of a categorical exclusion and is not connected to other actions with potentially significant and/or cumulative impacts.

CONCLUSION

The NRF Overpack Transfer Path Extension GPP is categorically excluded from additional NEPA documentation under 10 CFR1021 Subpart D, Appendix B, B1.13. Specifically, the categorical exclusion that applies is the following:

B1.13 Construction/acquisition/relocation of onsite pathways, short onsite access roads/railroads

Construction, acquisition, and relocation of onsite pathways and short onsite access roads and railroads.

Approval: Originally signed by
Mike Gardner Date: Originally signed on
January 31, 2011
CX Determination Date