



Department of Energy
National Nuclear Security Administration
Categorical Exclusion Determination Form



Categorical Exclusion ID#: NV-2022-011

Proposed Action Title: Building 23-118 Certified Packaging Center (CPC)

Program or Field Office: Nevada Field Office

Location(s) (City/County/State): Nevada National Security Site, Nye County, NV

Proposed Action Description

Building 23-118, located in Area 23 of the Nevada National Security Site (NNSS), is designated as the CPC and is used as an operational, administrative, and training venue for the Nuclear Material Management Certified Packaging Program (CPP). Operations performed at the CPC consist of storage and handling of U.S. Department of Transportation Type A(F) & B certified shipping and packaging (opening, closing, inspecting, maintenance, loading/unloading, leak testing, and shipment).

As Authorized or Registered Users of certified Type A(F) & B packaging, CPP personnel operate the CPC and conduct packaging in accordance with an approved activity level work document, typically a Standard Operating Procedure.

Packaging that may have previously contained radioactive material is routinely received at the CPC. During initial empty radiological packaging disassembly, full-time Management and Operating Contractor Radiological Control (Radcon) coverage is in effect and a complete radiological survey is generated to create a packaging radiological baseline. A small quantity of low-level radioactive waste (swipe material) may be generated from the radiological surveys performed in the facility. If radiological requirements are not met upon completion of the survey, the packaging remains in a secure area pending disposition direction from Radcon.

The CPC can be used during project planning to design, develop, and train operations personnel in an environment that closely simulates actual work locations. The simulated environment is used to identify and mitigate hazards and assists operations personnel in development of processes and procedures to safely perform operations.

Building 23-118 could house a Radioactive Material Area (RMA) for the storage of check sources to support research and development of remote monitoring technology and a Material Balance Area to support storage of sources gathered from remote sites (e.g., the Special Technologies Laboratory, the Remote Sensing Laboratories) being processed for disposition.

Training is also performed in this facility for certified Fissile Material Handlers, Radiological Workers, and Powered Industrial Truck Operators.

Categorical Exclusion(s) Applied



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B1.2 Training Exercises and Simulations

Regulatory Requirements in 10 CFR 1021

For the complete DOE National Environmental Policy Act regulations regarding categorical exclusions, including the full text of each categorical exclusion, see Subpart D of 10 CFR 1021.

To find that a proposal is categorically excluded, DOE shall determine the following:

- (1) The proposal fits within a class of actions listed in Appendix A or B to 10 CFR Part 1021, Subpart D;
- (2) There are no extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal; and
- (3) The proposal has not been segmented to meet the definition of a categorical exclusion. The proposal is not connected to other actions with potentially significant impacts (40 CFR 1508.25(a)(1)), is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1508.27(b)(7)), and is not precluded by 40 CFR 1506.1 or 10 CFR 1021.211 concerning limitations on actions during preparation of an environmental impact statement.

The classes of actions listed in 10 CFR Part 1021, Subpart D, Appendix B, include the following conditions as integral elements of the classes of actions. To fit within the classes of actions in Appendix B, a proposal must be one that would not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environment, safety, and health, or similar requirements of DOE or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment facilities (including incinerators), but the proposal may include categorically excluded waste storage, disposal, recovery, or treatment actions or facilities; (3) disturb hazardous substances, pollutants, contaminants, or CERCLA-excluded petroleum and natural gas products that preexist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources, including, but not limited to, those listed in paragraph B(4) of 10 CFR Part 1021, Subpart D, Appendix B; (5) involve genetically engineered organisms, synthetic biology, governmentally designated noxious weeds, or invasive species, unless the proposed activity would be contained or confined in a manner designed and operated to prevent unauthorized release into the environment and conducted in accordance with applicable requirements, such as those of the Department of Agriculture, the Environmental Protection Agency, and the National Institutes of Health.

NEPA Compliance Officer Determination

Based on my review of information conveyed to me and in my possession concerning the proposed action, as NEPA Compliance Officer (as authorized under NNSA NAP 451.1 and DOE P 451.1), I have determined that the proposed action fits within the specified class(es) of action and I have reviewed the proposal for integral elements. I have determined that there are no extraordinary circumstances present and that the proposal has not been segmented to meet the definition of a categorical exclusion. Therefore, the application of a categorical exclusion is appropriate.

NEPA Compliance Officer: Carrie Stewart

Date Determined: May 23, 2022