

**U.S. DEPARTMENT OF ENERGY
 NATIONAL NUCLEAR SECURITY ADMINISTRATION NEVADA FIELD OFFICE
 NEPA ENVIRONMENTAL EVALUATION CHECKLIST**

NV-2017-024

FOLLOW ATTACHED PROCEDURES FOR COMPLETING CHECKLIST		Date 04/11/2017
A. Project/Activity Title (Attach a brief description of proposed project) Yucca Mountain Site Property Disposition		Anticipated Start Date 04/20/2017

Project Location NNS, Area 25	Proposed By (if other than NNSA/NFO) DOE/Nuclear Energy
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NNSA/NFO Line Management Organization DOE/Nuclear Energy	NNSA/NFO Project/Program Manager Ned Larson
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ENVIRONMENTAL CONSIDERATIONS: If any phase of the project/activity involves any of the following considerations, check yes and explain in project description. See NFO-16A for consideration guidelines and examples.

CONSIDERATION	YES	NO	UNK	CONSIDERATION	YES	NO	UNK
WASTE				AIR EMISSIONS			
1. Non-Rad Solid Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Chemical Release	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Hazardous Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Dust/Particulate Matter	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Low-Level Rad Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Mixed Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Diesel Generators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. TRU/Mixed TRU Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Open Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Wastewater (domestic/industrial)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
HAZARDOUS MATERIALS				SITE LOCATION/OTHER			
1. Petroleum/Fuel Storage/Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Environmental Restoration Site (CAU)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Underground Storage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Excavation/Land Surface Disturbance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Aboveground Storage Tanks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Off Road Travel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. PCBs/Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Biological/Tortoise Resource Area	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Pesticides/Herbicides	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Cultural/Historic Resource Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Radioactive Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Change in Existing Drainage Pattern	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Biological Materials/Simulants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Impact to Environmental Monitoring System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Beryllium	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Unexploded Ordnance Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Chemical Storage/Use	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Use of Explosives/Firearms	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Radiation Controlled Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
				11. Drinking Water System Involvement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

DO NOT TYPE OR WRITE BELOW THIS LINE. FOR NEPA COMPLIANCE OFFICER USE ONLY.

B. Is the project/activity included in the final NNS SWEIS and the ROD or other NEPA document?
 Yes (complete Sections C, D, and F) No (complete Sections D, E, and F)

C. This project/activity is included in the NNS SWEIS/ROD (or other NEPA document) under the following section and page number:

D. Does the proposed project/activity require any local, state, or federal permits or notifications? Yes No

E. If, based on the project description and the preliminary environmental considerations noted above, the proposed action fits within a class of action listed in Subpart D of 10 CFR 1021, write in the space below the paragraph number and short title from the appropriate table of contents of Subpart D, Appendix B, C, or D, for a CX, EA, or EIS. If the proposed action does not fit within any class of action, write "Not Listed" below.
 10 CFR 1021: B1.24 Property Transfers

F. NEPA COMPLIANCE OFFICER DETERMINATION OR RECOMMENDATION:
 I have determined that the proposed action as described in Item A has been adequately analyzed and meets the requirements for categorical exclusion under the citation in Item E. No further analysis or documentation is required pursuant to NEPA. Any changes or additions to this proposed action will require additional NEPA review.

<hr style="width: 50%; margin: 0 auto;"/> NNSA/NFO NEPA Compliance Officer	4/11/2017 Date
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Project Description:

The Department of Energy (DOE), Nuclear Energy (NE), Used Fuel Division (UFD) has primary responsibilities for the Disposition of the Former Yucca Mountain Project (YMP) excess Capital Equipment, Personal and Real Property. The affected Real Property relates to Systems, Structures, and Components that have been deactivated and placed in cold stand-by for final disposition. The Change House (FIMS building # 5008) and Exploratory Studies Facility (ESF) Tunnel South Portal Ventilation System are connected to temporary diesel power generators for limited use as required for property disposition.

Current property disposition work would include moving personal property and capital equipment into lots for sale through GSA, and coordinating the sale, loading, and shipping of the sale items; either being transferred to government agencies, or to private party sales through GSA. Future work would include removal, size reduction of materials, loading, and shipping of capital equipment and other materials (including scrap metal) from the ESF underground main 25-foot diameter tunnel, utilizing both the North and South Portal areas. Tours of the Yucca Mountain Site (YMS) may occur periodically. The ventilation system would be operated with the back-up power generator currently in place at the South Portal as needed for personnel entry.

The DOE/NE/UFD operation of fork-lifts, stake-bed truck, back-hoe, fuel truck, etc. would be used on an as-needed basis by DOE/NE qualified personal to accomplish the property disposition preparation and sales or transfer.

Environmental Considerations:

WASTE:

W-1. Non-RAD Solid Waste. Solid waste, in the form of food, plastics, and office-type trash may be generated as a result of auxiliary functions of disposition activities. Non-hazardous, non-radioactive solid waste, to include disposable equipment, materials, and personal property or components, may also be generated. Solid waste would be managed and disposed in accordance with applicable federal, state, and DOE requirements and disposed of in the appropriate NNS landfills.

HAZARDOUS MATERIALS:

H-1. Petroleum/Fuel Storage/Use. Diesel fuel would be stored in bulk at the YMS. A liner or similar barrier would be placed under the equipment during re-fueling operations. A spill kit containing absorbent materials, fire extinguisher, and other emergency response equipment, would be kept on site. If a spill occurs, spill cleanup and notification would be performed in accordance with contractor-specific protocols.

H-9. Chemical Storage/Use. All chemical products to be used onsite would be identified prior to the start of field work. It is anticipated that chemical use would be limited to gasoline or diesel fuel to refuel equipment. The appropriate Safety Data Sheets would be available onsite for employee review. All chemicals not entirely consumed during the site activities would be removed from the site for use elsewhere, if possible, otherwise would be characterized for waste disposal.

AIR EMISSIONS:

A-2. Dust/Particulate Matter. A tractor/backhoe or similar equipment would be used when maintaining existing roads, portal areas, drill pads, and yards, and repair/maintenance work related to the Storm Water Pollution Prevention Permit Plan. Use of this equipment may result in the localized and temporary suspension of dust particles. Dust suppression would be used as necessary.

A-4. Diesel Generators. Diesel generators would be used on site during the property disposition process to power small equipment, lighting, air conditioning, ventilation fans/blowers, etc. These generators would be permitted through the Air Quality Permitting process regulated by NDEP.

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SITE LOCATION/OTHER:

S-2. Excavation/Land Disturbance. Excavation or land disturbance activities at the YM Property Disposition sites would be minor in nature and would consist of maintaining existing roads, portal areas, drill pads, and yards, and repair/maintenance work related to the Storm Water Pollution Prevention Permit Plan.

S-4. Biological/Tortoise Resource Area. YM Property Disposition activities would be within the range of the desert tortoise and a biological opinion has been issued for YMS. Visual examinations would be performed prior to any activity in accordance with the biological opinion. All takes would be reported to the NNSS M&O contractor Biological Sciences organization.

S-9. Noise. Equipment (e.g., generator) used during the disposition process would produce noise levels that may require hearing protection for workers. Noise levels onsite would be monitored as needed and hearing protection may be required in accordance with the health and safety planning documents. Noise levels would not be expected to be loud enough to adversely affect the surrounding biota.