



U.S. Department of Energy
Portsmouth/Paducah Project Office

National Environmental Policy Act (NEPA) Environmental Evaluation Checklist

PPPO-F-450.1B, Rev. 2
September 2014

National Environmental Policy Act Review

Instructions: <ul style="list-style-type: none"> Submit one copy of the completed NEPA Checklist with supplemental information to the PPPO Project Coordinator. PPPO Project Coordinator will distribute to PPPO Program NEPA Coordinator and/or PPPO NEPA Compliance Officer (NCO) for approval. File the completed checklist with the project files, as appropriate. Completion of this checklist is not required for CERCLA actions. However, the Contractor's Project Coordinator is responsible for ensuring that a commensurate level of project detail is provided to the CERCLA Project Manager so that proper consideration and analysis of the work can be performed via the CERCLA process. 			
Activity title and project number (if any): Alterations to Existing Buildings, Construction of Small-Scale Structures, and Relocation of Machinery, Equipment and Utilities			Date: 11/08/11
Contractor Project Contact Name:	Telephone Number:	PPPO Project Coordinator:	Telephone Number:
Forecast Activity start date: November 2011	Estimated cost: N/A	Activity location: PORTS/PAD <input checked="" type="checkbox"/> PORTS <input type="checkbox"/> Other _____ <input type="checkbox"/> PAD <input type="checkbox"/>	
Activity description: This should be a brief but thorough description of the proposed activity. Be very specific in explaining the purpose and location (a developed/non-developed area, outside/inside/adjacent to an existing building number, etc.) The DOE Portsmouth/Paducah Project Office (PPPO) proposes to perform alterations to buildings, construction of small-scale support structures, and relocation of machinery and equipment. The proposed alterations, construction, and relocation actions would take place at DOE owned Portsmouth Gaseous Diffusion Plant (PORTS), the Paducah Gaseous Diffusion Plant (PAD), and any other DOE facilities managed by PPPO. The propose action would include but not limited to: (1) alter or modify existing DOE facilities, (2) construct or install small-scale support buildings and security measures (e.g., fences, lighting, security portals, etc.), and support structures (e.g., prefabricated buildings, and mobile trailers) to house personnel and equipment and (3) to relocate machinery and equipment to other facilities where the uses of the relocated items would be similar to their former uses and consistent with the general missions of the receiving structure. New and modified structures would include but not be limited to providing either temporary or permanent space for administrative purposes, security, fire protection, offices parking, routine maintenance actions, and equipment storage, education conferences, and restrooms; the structures would not be used for nuclear weapons activities and waste storage activities covered in 10CFR1021 Subpart D Appendix B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10. Activities under this categorical exclusion (CX) were developed to cover activities for DOE PPPO. A NEPA Environmental Checklist must be completed for each specific activity that uses the generic CX. Once completed, the NEPA Environmental Checklist will be filed and maintained as part of the project record.			



National Environmental Policy Act (NEPA) Checklist

Detailed description: (Attach additional pages for description if necessary and include references to the documents)

The proposed actions would involve minor alteration to structures including, but not limited to, (1) modifying, installing, extending, and enclosing docks and building platforms; (2) refurbishing buildings, offices and rooms; (3) modifying and renovation of laboratories; (4) converting rooms/laboratories into office space; (5) installing and replacing canopies; (6) installing and modifying stairways whether inside or outside the facility dependent on the location; (7) installing new flooring stainless steel flooring and floor decking; (8) providing structural support; (9) installing and replacing doorways; (10) installing and replacing siding; (11) providing storage area for non-waste type materials; (12) relocating office, shop, and storage areas; (13) providing handicap access; (14) modifying traffic and work areas within buildings; (15) converting interior building space into bathrooms; (16) providing ingress/egress routes; and (17) installing docking collars. The proposed actions would also include (1) transporting support structures to the site, establishing the structures at the site, and removing the structures from the site when no longer needed or (2) constructing small-scale support structures, including small-scale additions to existing facilities, within or contiguous to developed areas. Security structures would include installation of chain link fences, barbed wire fences, wood fences, and security doors, including but not limited to roll-up doors, wire mesh barriers, vault-type cages, automated portals and central alarm stations. Actions would also include (1) surface grading and leveling necessary for installation of the structures including trailers, pods, and other mobile storage apparatuses; (2) construction of sidewalks and parking lots; (3) minor excavation for installation of underground utilities; and (4) installation of aboveground utilities. Draining events and run-off control would be provided by means of standard erosion control techniques (e.g., through the use of silt fences and hay bales) to prevent the potential for impacting streams or water channels as the result of sediment loading. Construction of stream diversion channels, clearing and grading, and excavation type actions to avoid adverse weather conditions. Items to relocate would include, but not be limited to, analytical laboratory apparatus, electronic hardware, heavy equipment (e.g., excavators, bobcats, small cranes, mowers, equipment for clearing and grubbing), maintenance equipment, and health and safety equipment.

Any wastes generated would be properly managed and would not require expansion of any existing, or construction of new waste management facilities. No known extraordinary circumstances would be associated with these actions the might affect the significance of the environmental effects of the proposed action based on past similar actions. These actions would not be connected to other actions with potentially significant impacts or related to other proposed actions with cumulatively significant impacts; they would meet the conditions that are integral elements of the classes of actions which may be categorically excluded from further National Environmental Policy Act (NEPA) documentation. Should the action not meet the conditions for CX consideration, a separate NEP A document would be prepared and submitted to PPPO for review and approval.

Although and action might fall under the category of “alterations to existing buildings and construction of small-scale support structures,” a separate NEPA review would be performed and documented should the action or related/cumulative effect of the action have the potential to result in an unusual or significant impact to the environment.

No known extraordinary circumstances would be associated with these actions that might affect the significance or the environmental effects of the proposed action based on past similar actions. These actions would not be connected to other actions with potentially significant impacts or related to other proposed actions with cumulatively significant impacts; they would meet the conditions that are integral elements of the classes of actions which may be categorically excluded from further NEPA documentation. Should the action not meet the conditions for categorical exclusion (CX) consideration, a separate NEPA review would occur and any necessary next steps pursuant to NEPA would be determined based upon the review.

The proposed PCB management activities that would take place on the Paducah site have been reviewed in accordance with the *Cultural Resource Management Plan (CRMP)* (BJC/PAD-69 1/RI, March 2006) and the approved Programmatic Agreement (PA) and would not result in an adverse effect to historic properties.

At PORTS, the proposed action has been reviewed and addressed as a No Potential to Effect historic properties and has been duly documented to the file. The proposed activities would be reviewed to ensure they are covered by the No Potential to Effect letter and if they are not, a Section 106 review would be completed.

To ensure that sensitive resources are protected, existing maps and surveys/studies of threatened and endangered species and their habitats, and wetlands and floodplains would be consulted. In addition, personnel responsible for identifying sensitive resources would be contacted and, if warranted, additional surveys would be conducted to confirm or update available information.



National Environmental Policy Act (NEPA) Checklist

Questions to answer: *A checklist is required to be submitted, evaluated, and approved for all proposed non-CERCLA actions so that a NEPA review may be performed.	Yes	No
1. Will this activity result in a change in emissions, generation rates, or new discharge of hazardous, mixed, radioactive, asbestos, PCB, sanitary/industrial, solid or liquid waste, petroleum substance, wastewater, or any other pollutants from a facility or process?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will this activity be located in a previously developed area?	<input type="checkbox"/>	<input type="checkbox"/>
3. Will this activity involve siting, construction, modification, renovation, closure, or shut-down of facilities or processes?	<input type="checkbox"/>	<input type="checkbox"/>
4. Will this activity potentially affect environmentally sensitive areas/resources such as flood plain/wetlands, archeological or architectural historic properties, threatened or endangered species, and/or their habitat, special water sources (e.g. aquifer)?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will this activity involve site characterization, environmental monitoring, or R&D programs?	<input type="checkbox"/>	<input type="checkbox"/>
6. Will this activity involve any type of land disturbance, underground storage tank (UST), or subsurface injection/extraction?	<input type="checkbox"/>	<input type="checkbox"/>
7. Will this activity involve a site evaluation area, RCRA/CERCLA area/facility?	<input type="checkbox"/>	<input type="checkbox"/>
*Note: - If any answers to these questions are unknown, call the contractor Project Environmental Coordinator Manager, Program NEPA Coordinator, or PPPO NCO for consultation. - If any are marked "Yes", complete rest of NEPA Checklist.		
Environmental Impacts Evaluation (Note: If any are "Yes", provide specifics/supplemental information.)		
Air:		
• Will there be a new air emission or a change in the quantity of an existing air emission?	<input type="checkbox"/>	<input type="checkbox"/>
Surface Water:		
• Will there be a liquid release to streams, wetlands, seepage basins, storm drains, process sewers, ponds, or lakes?	<input type="checkbox"/>	<input type="checkbox"/>
• Will river or stream water be utilized?	<input type="checkbox"/>	<input type="checkbox"/>
Groundwater:		
• Will there be a discharge to subsurface/groundwater?	<input type="checkbox"/>	<input type="checkbox"/>
• Will groundwater be utilized?	<input type="checkbox"/>	<input type="checkbox"/>
Safety:		
• Is there a potential exposure to hazardous substances (e.g. radiological/toxic/chemical materials)?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential for explosion or criticality?	<input type="checkbox"/>	<input type="checkbox"/>
• Does action involve transportation of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>
Natural/Cultural Resources:		
• Is there a potential for impacts on wetlands, streams, ponds, floodplains (or floodways), or special sources of water such as sole-source aquifers?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential impact on fish/wildlife resources or habitats?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential impact on protected species (e.g. sensitive, state or federally-listed rare, threatened, or endangered) or their habitat?	<input type="checkbox"/>	<input type="checkbox"/>
• Will this involve/effect any genetically engineered organism, synthetic biology, governmentally-designated noxious weeds or invasive species?	<input type="checkbox"/>	<input type="checkbox"/>
• Is there a potential for impacting archaeological or architectural historic properties?	<input type="checkbox"/>	<input type="checkbox"/>
• Does this action require an excavation permit?	<input type="checkbox"/>	<input type="checkbox"/>
Potential Cumulative Effects/Components for Larger Line Item Project:		
• Are there potential cumulative effects when combined with other actions?	<input type="checkbox"/>	<input type="checkbox"/>
• Is the proposed activity a component of a larger line item project?	<input type="checkbox"/>	<input type="checkbox"/>
• Write in document title or reference number:		

For Contractor Project Management Use Only		
Contractor Project Contact Printed Name and Signature:	Contractor Company Name:	Telephone Number:

For DOE PPPO NEPA Compliance Officer Use Only (NEPA recommendation)
<input checked="" type="checkbox"/> CX applied for by DOE Project Coordinator (Must meet all requirements of 10 CFR 1021.410(b) (Provide CX applicable number(s) below)
Action covered under 10 CFR Part 1021 Subpart D Appendix: B1.15 and B1.31



National Environmental Policy Act (NEPA) Checklist

Covered by previous NEPA documentation (CX, EA, EIS): _____
(Write in document title or reference number(s))

Additional NEPA documentation required: EA EIS Revised ROD Revised FONSI

PPPO Project Coordinator Printed Name and Signature:

Date NEPA Checklist Completed:

For DOE PPPO NEPA Compliance Officer Use Only (NEPA determination) Based upon my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer, I have determined that the proposed action fits the specific class of actions, the other regulatory requirements set forth above are met, and the proposed actions are hereby categorically excluded for further NEPA review.

Approved

Approved – with comments

NOT approved – alternate NEPA action required

DOE PPPO NEPA Compliance Office Signature:

Date of Signature:

Krista Wiehle

3-14-18