



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

Environmental Evaluation Checklist

PPPO-F-450.1

Revision 1

February 2006

National Environmental Policy Act Review

Instructions: <ul style="list-style-type: none"> • Submit one copy of the completed checklist with supplemental information to the DOE Project Coordinator • DOE Project Coordinator will distribute to PPPO NEPA Compliance Officer for approval • 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)			Date:
Management of Polychlorinated Biphenyl Containing Materials			09/26/2014
Project contact name	Telephone number	DOE Project Coordinator	Telephone number
Activity start date Ongoing	Activity end date N/A	Activity location PORTS/PGDP	
<u>Activity description:</u> <p>The DOE Portsmouth/Paducah Project Office (PPPO) proposes to continue to manage polychlorinated biphenyl (PCB) containing materials. Actions may include, but are not limited to, their maintenance, removal, and disposal, including all necessary staging, storage and shipment. Items and materials include, but are not limited to, PCB-containing oils flushed from transformers, PCB-flushing solutions, and PCB-containing spill or contacted materials from buildings or other aboveground locations that contain various levels of PCBs.</p> <p>The proposed actions would take place at DOE owned facilities at the Portsmouth Gaseous Diffusion Plant (PORTS) in Piketon, Ohio and the Paducah Gaseous Diffusion Plant (PGDP) in Paducah, Kentucky. Wastes will be disposed of in accordance with the requirements of 40 CFR 761.60 at appropriately licensed or approved facilities.</p>			
<u>Detailed description:</u> <p>The proposed actions would involve removal of items containing various levels of PCBs, including PCB-containing oils flushed from transformers, PCB-flushing solutions, and PCB-containing spill materials from buildings or other aboveground locations. The proposed actions also include routine maintenance and flushing of equipment such as hydraulic systems and transformers. Other routine operations, such as PCB spill response and cleanup and PCB collection system draining, would also be performed. The PCB spill cleanup may include establishment of storage areas to temporarily contain the wastes until the items can be relocated to existing treatment, disposal, or storage facilities.</p> <p>When performing removal actions of large items, such items would be drained of free-flowing liquid, thereby reducing the risk of spill. Small-volume items would be drained if necessary. Following characterization, all wastes determined to be of or derived from a PCB concentration of 50 ppm or greater would be managed in accordance with the terms outlined for PCB waste found at 40 CFR 761, the TSCA Compliance Agreement and the TSCA Approval for Disposal of PCB Bulk Product (Mixed) Waste, and for activities taking place on the Portsmouth and Paducah sites, in any other applicable agreements or policies. Wastes will be disposed of in accordance with the requirements of 40 CFR 761.60 at appropriately licensed or approved facilities.</p>			

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/R1 , 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.

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 National Environmental Policy Act (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 activity is categorically excluded and adequately covered pursuant to 10 CFR Part 1021.410, Subpart D, Appendix B, B1.3, *Routine Maintenance*, and B1.17, *Polychlorinated biphenyl removal*

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, shut-down, closure, or non-CERCLA deactivation, decontamination, or demolition 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 historical 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 are unknown, call DOE PPPO NEPA Compliance Officer or Project Environmental Coordinator for consultation - If any are marked "yes", consult with DOE PPPO NEPA Compliance Officer or Project Environmental Coordinator; file with project		
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, swamps, 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, 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. federal or state-listed or proposed for listing sensitive, rare, threatened, or endangered) or their habitat?	<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"/>
• Will this action involve genetically engineered organisms, synthetic biology, governmentally-designated noxious weeds or invasive species?	<input type="checkbox"/>	<input type="checkbox"/>
For DOE PPPO NEPA Compliance Officer use only (NEPA recommendation)		
• 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 : _____	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> CX applied for by DOE Project Coordinator (Must meet all requirements of 10 CFR 1021.410(b)): B1.3 and B1.17 <input type="checkbox"/> Covered by previous NEPA documentation (CX, EA, EIS): (Write in document title or reference number) <input type="checkbox"/> Additional NEPA documentation required: <input type="checkbox"/> EA <input type="checkbox"/> EIS <input type="checkbox"/> Revised ROD <input type="checkbox"/> Revised FONSI		
DOE Project Coordinator signature	Date checklist completed:	
For DOE PPPO NEPA Compliance Officer Use Only (NEPA determination).		
Removing Items or Materials Containing Polychlorinated Biphenyls Categorical Exclusion was developed to cover PCB removal actions for the DOE-PPPO. Many of these removal and spill clean-up actions involve day-to-day work activities at Portsmouth and Paducah.		
Based upon my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), 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 review.		
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved - with comments <input type="checkbox"/> NOT approved – alternate NEPA action required		
DOE PPPO NEPA Compliance Officer signature	Date of signature:	
<i>Mista Wuehle</i>	9-26-14	