DOE/CX-00026

RL-721	
REV 0	

## NEPA REVIEW SCREENING FORM

## I. Project Title:

III. Reviews (if applicable):

Biological Review Report #: Not Applicable

Waste Encapsulation and Storage Facility (WESF) Ventilation System Replacement

II. Project Description and Location (including Time Period over which proposed action will occur and Project Dimensions - e.g., acres displaced/disturbed, excavation length/depth, etc.):

The K1 exhaust system provides confinement ventilation and removal of hydrogen gas for the less-contaminated portions of the Waste Encapsulation and Storage Facility (WESF), and the K3 exhaust system provides confinement ventilation and removal of hydrogen gas for the more contaminated portions. Each system currently consists of two fans (operated in parallel) which draw air from the identified portion of the building through ducting into a high efficiency particulate air (HEPA) filter(s), and then exhaust through a combined exhaust stack. The K1 system has one two-stage HEPA filter bank located in an above-ground building. The K3 system has two two-stage HEPA filter banks which operate in parallel and are located underground to provide shielding necessitated by legacy contamination.

The new systems would be above ground skid mounted units. The new K-1 unit would tie into and replace some of the existing K-1 ducting and K-1 filter housing. The new K-3 unit would tie into the truck port ducting and replace the ventilation system upstream of the existing HEPA filters.

The existing stack, ducting, exhaust fans and K-1 HEPA filters would be disposed of as LLW debris to ERDF. The K-3 filter housing and abandoned ductwork upstream of the filters to the tie-in at the truck port would remain in place to be disposed of at final disposition of WESF.

Construction is scheduled to begin in Calendar Year 2011, and take less than 2 years to complete.

Cultural Review Report #: Not Applicable									
NPCE Determination: YES NO									
IV. Existing NEPA Documentation (see Steps 3 and 4 of Contractor Screening Process)									
Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?									
If "NO," proceed to Section V. If "YES," List EA, EIS, or CERCLA Document(s) Title and Number:									
And then complete Section VII and provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information (see Step 6 of Contractor Screening Process).									
V. Sitewide Categorical Exclusion (see Step 5 of Contractor Screening Process)									
Does the proposed action fall within the scope of a Hanford Sitewide Categorical Exclusion?									
If "YES," list Sitewide Categorical Exclusion to be applied and complete Sitewide Categorical Exclusion Criteria:									
Sitewide Categorical Exclusion Criteria	YES	NO							
Are there extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal?									
Is the action connected to other actions with potentially significant impacts (see 40 CFR 1508.25(a)(1)) or result in cumulatively significant impacts (see 40 CFR 1508.25(a)(2))?									
Does the proposed action impact sensitive species or their habitats?									
Does the action involve or disturb the Hanford Reach National Monument, Rattlesnake Mountain, Gable Butte or other Traditional Cultural Properties or properties of historic, archaeological or architectural significance, or occur within one-fourth mile of the Columbia River?									

If "NO" to all Sitewide Categorical Exclusion Criteria questions above, complete Section VII and provide electronic copy of Initiator/ECO

If "YES" to any of the Sitewide Categorical Exclusion Criteria questions above, attach appropriate explanatory information and provide NRSF to DOE NCO; DOE initiates DOE NEPA Review Screening Process - Step 1 by completing Section VI and VIII, as appropriate.

signed NRSF to DOE NCO for information (see Step 6 of Contractor Screening Process).

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VI. Categorical Exclusion						YES	NO			
Does the proposed action fall within a class of actions that is listed in Appendixes A or B to Subpart D of 10 CFR Part 1021?						$\boxtimes$				
List CX to be applied and complete Categorical Exclusion Criteria (based on Eligibility Criteria of the NEPA Determination Procedure):										
B2.5, "Safety/environmental improvements, replacement/upgrade of facility components"										
Categorical Exclusion Cri	teria					YES	NO			
Does the proposed action threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, or health, including DOE and/or Executive Orders?						ı, <u> </u>	$\boxtimes$			
Does the proposed action require siting, construction, or major expansion of waste storage, disposal, recovery, or treatment facilities?							$\boxtimes$			
Does the proposed action of natural gas products that products	e-exist in the environ	ment such that t	there woul	d be uncontrolled or	A-excluded petroleum and unpermitted releases?					
Does the proposed action a	-	-					$\boxtimes$			
Are there extraordinary circ of the proposal?							$\boxtimes$			
Is the proposal connected to (not precluded by 40 CFR 1	506.1 or 10 CFR 102	21.211)?				• 🗆				
If "NO" to all Categorical Exto contractor, and otherwise	clusion Criteria ques e complies with Step	tions above, DO 4 of the DOE NE	E NCO co EPA Revie	mpletes Section VII w Screening Proces	I, provides electronic copy es - Step 1.	of signed <b>N</b>	NRSF			
If "YES" to any of the Cated Screening Process - Step 1	porical Exclusion Crite , and initiates DOE N	eria questions at IEPA Review Sc	oove, DOE creening P	NCO complies with rocess - Step 2.	Step 5 of the DOE NEPA	Review				
VII. Approvals/Determina										
	· · · · · · · · · · · · · · · · · · ·	e (Printed)		// // S	ignature	Dat	e			
Initiator	Michae	el Jansky		ELENHY /	1	01/14/11				
Cognizant Environmental Compliance Officer	Michae	el Jansky		Coffair ly			01/14/11			
VIII. Approval/Determinat	tion									
DOE NEPA Compliance Of	ficer: Woody Rus	ssell								
Based on 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 451.1B), I have determined that the proposed action fits within the specified class of action:										
NCO Determination -   CX   EA   EIS										
Signature:	le Lusse			Date:	01/19/11					
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