

NEPA REVIEW SCREENING FORM

I. Project Title:

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.

III. Reviews (if applicable):Biological Review Report #: Not ApplicableCultural Review Report #: Not ApplicableNPCE Determination: YES NO**IV. Existing NEPA Documentation (see Steps 3 and 4 of Contractor Screening Process)**

YES NO

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)

YES NO

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

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.

