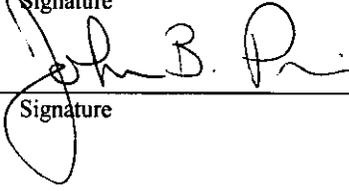


WASTE SITE RECLASSIFICATION FORM		
Date Submitted: <u>April 11, 2007</u>	Operable Unit(s): <u>100-HR-1</u>	Control Number: <u>2006-024</u>
Originator: <u>L. M. Dittmer</u>	Waste Site Code: <u>100-H-28:8</u>	
Phone: <u>372-9664</u>	Type of Reclassification Action:	
	Closed Out <input type="checkbox"/> Interim Closed Out <input type="checkbox"/> No Action <input checked="" type="checkbox"/>	
	RCRA Postclosure <input type="checkbox"/> Rejected <input type="checkbox"/> Consolidated <input type="checkbox"/>	
<p>This form documents agreement among parties listed authorizing classification of the subject unit as Closed Out, Interim Closed Out, No Action, RCRA Postclosure, Rejected, or Consolidated. This form also authorizes backfill of the waste management unit, if appropriate, for Closed Out and Interim Closed out units. Final removal from the NPL of No Action and Closed Out waste management units will occur at a future date.</p>		
<p><u>Description of current waste site condition:</u></p> <p>The 100-H-28:8 subsite comprises the pipelines formerly used to supply chemically- and physically-conditioned cooling water from the 190-H Pumphouse to the 105-H Reactor Building. These pipelines consisted of seamless, welded 0.61-m (24-in.) and smaller diameter steel pipelines housed in subsurface tunnels. There is no documentation or other evidence of pipeline leaks or other process upsets within the tunnels. Sampling under the cooling water tunnels at the 105-C Reactor (where known process upsets at the reactor building resulted in discharges of contaminated cooling water from the reactor to the tunnels) did not detect hexavalent chromium or uranium (the sole contaminants of potential concern) above remedial action goals.</p> <p>The 190-H Pumphouse was demolished in 1977, and the cooling water tunnels were excavated and collapsed in-place between the 190-H footprint and the 105-H Reactor Building exclusion fence in 1985; all piping was removed prior to demolition of the tunnels. Interim safe storage activities at the 105-H Reactor Building included the removal of the portions of the tunnels between the building and the exclusion fence.</p> <p><u>Basis for reclassification:</u></p> <p>The 100-H-28:8, 190-H Process Water Lines were removed during demolition activities at the 100-H Area. No leakage is known to have occurred within the cooling water tunnels, or expected to have occurred given the design and use of the pipelines. Therefore, any potential residual contamination associated with the pipeline subsite was removed with the pipelines. Thus, the 100-H-28:8 pipeline subsite meets the remedial action objectives specified in the <i>Interim Action Record of Decision for the 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units, Hanford Site, Benton County, Washington</i>, U.S. Environmental Protection Agency, Region 10, Seattle, Washington. The 100-H-28:8 subsite supports unrestricted future use of shallow zone soil (i.e., surface to 4.6 m [15 ft]) and is protective of groundwater and the Columbia River. No residual contamination exists within the deep zone; therefore, no deep zone institutional controls are required. The basis for the No Action reclassification is described in detail in the <i>Remaining Sites Verification Package for the 100-H-28:8, 190-H Process Water Lines</i> (attached).</p> <p><u>Waste Site Controls:</u> Engineered Controls: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Institutional Controls: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> O&M requirements: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If any of the Waste Site Controls are checked Yes specify control requirements including reference to the Record of Decision, TSD Closure Letter, or other relevant documents.</p>		
K. D. Bazzell		<u>4/19/2007</u>
DOE Federal Project Director (printed)	Signature	Date
J. Price		<u>4/19/2007</u>
Ecology Project Manager (printed)	Signature	Date
N/A		
EPA Project Manager (printed)	Signature	Date

RECEIVED
 OCT 01 2007

EDMC