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ADDENDUM I
INSPECTION PLAN

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INSPECTION PLAN

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1 **I INSPECTION PLAN**

2 This Addendum discusses the inspection requirements for dangerous waste management units within
3 PUREX.

4 **I.1 PUREX Storage Tunnels**

5 Because waste within the PUREX Storage Tunnels is inaccessible and exposure to the mixed waste would
6 be extremely hazardous to personnel, inspection of the tunnel interior will not be performed. External
7 inspections of the tunnels will be performed annually. The inspection schedule, log, and records will be
8 maintained according to Permit Condition II.X.

9 Information from inspections will be recorded on inspection logs. The log forms are used to initiate
10 corrective action if necessary. The elements inspected at the PUREX Storage Tunnels are identified in
11 Table I.1. Abnormal conditions are recorded, evaluated, and corrective action initiated as necessary.

12 **I.2 PUREX Tank System(S) and Containment Building**

13 Inspection requirements for the PUREX tank system(s) and containment building will be carried out, as
14 described in the Surveillance and Maintenance Plan for the *Plutonium-Uranium Extraction (PUREX)*
15 *Facility*, DOE/RL-98-35, current revision. Changes to DOE/RL-98-35 are not subject to the Permit
16 modification procedures of Permit Condition I.C.3 or [WAC 173-303-830](#), but are subject to the primary
17 document process of the HFFACO.

18 **Table I.1. Inspection Schedule**

Requirement Description	Inspection Frequency	Types of Problems
Perform external surveillance of PUREX Storage Tunnels	Annual	<p>External surfaces of the PUREX Storage Tunnels are observed for evidence of structural deterioration. Tunnel subsidence, erosion of the earth cover, and vent stack damage are of primary concern.</p> <p>The points of access to the PUREX Storage Tunnels are inspected to ensure warning signs are in place, visible, and legible.</p>

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