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**ADDENDUM I
INSPECTION REQUIREMENTS**

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**ADDENDUM I
INSPECTION REQUIREMENTS**

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1 **I. INSPECTION REQUIREMENTS**

2 This Addendum discusses the inspection requirements for dangerous waste management units within the
3 Plutonium Uranium Extraction Facility (PUREX) Storage Tunnels.

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 in the Hanford Facility Operating Record, PUREX Storage Tunnels File for a minimum of
9 5 years.

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

13 **Table I.1. Inspection Schedule**

Requirement Description	Inspection Frequency	Types of Problems
Perform external surveillance of PUREX Storage Tunnels	Annual	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. The points of access to the PUREX Storage Tunnels are inspected to ensure warning signs are in place, visible, and legible.

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