

**PRS Consolidation Worksheet**

Site Type: Firing Site

Proposed PRS Number: 10-001(a)-99

| PRS Number | Regulatory Driver | PRS Description  | COPCs                           | Regulatory Status |
|------------|-------------------|------------------|---------------------------------|-------------------|
| 10-001(a)  | HSWA              | Firing Site      | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |
| 10-001(b)  | HSWA              | Firing Site      | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |
| 10-001(c)  | HSWA              | Firing Site      | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |
| 10-001(d)  | HSWA              | Firing Site      | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |
| 10-005     | HSWA              | Surface Disposal | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |
| 10-008     | Non-HSWA          | Firing Site      | U,Strontium-90,HE,Lead,Berylium | NFA Criterion 5   |

**Consolidation Checklist Criteria:**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Are the PRSs part of a process or system that treated, stored, or released hazardous constituents to the environment?                   | Yes                                 | No                       |
| 2. Is the contamination origin non-discernable?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Are the PRSs in the same geographic proximity?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Are the transport mechanisms and pathways similar?  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Do risk calculations need to be performed on all of the PRSs to determine a cumulative effect in order to make further recommendations? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Consolidation Rationale:**

Based on the operational history, waste streams, geographical proximity, transport mechanism (surface and shallow subsurface) and the investigation required to assess the contamination at the Bayo Canyon firing sites its proposed that the above PRSs be consolidated.

**Description of Aggregate:**

The firing sites (PRSs 10-001(a-d), 10-008) were used to test assemblies containing conventional high explosives (HE) that included components fashioned from depleted or natural uranium. The firing sites were in close proximity in Bayo Canyon and were rotated in use. After a shot, residual material was reportedly moved to a disposal pit (10-005) near the firing sites (the use of the disposal pit is unconfirmed). Due to the close proximity and overlapping dispersion areas of the firing sites and the use of the disposal pit, source terms cannot be separated by PRS.



NMED Concurrence: \_\_\_\_\_  
 ER Project Concurrence: \_\_\_\_\_  
 DOE Concurrence: \_\_\_\_\_

Date: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Date: \_\_\_\_\_

Handwritten notes: 10/10, 6/2/99, HSWA card



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