

Appendix E

Site Summaries for Decommissioning Fuel Cycle Facilities

AREVA NP

1.0 Site Identification

Location: Richland, WA
License No.: SNM-1227
Docket No.: 70-1257
License Status: Active
Project Manager: Merritt N. Baker

2.0 Site Status Summary

This facility had five lagoons which were used as part of the waste-water treatment process. The Washington State Department of Ecology ("Ecology") ordered the licensee to close the lagoons. The licensee and Ecology entered into a consent decree agreement identifying enforceable milestones for completion of closure of the lagoons. These milestones include emptying the lagoons by September 8, 2004, and submitting a closure certificate for the lagoons by August 8, 2006. By 2004, the lagoons were removed from service and sealed off from process streams. All removable liquid has been removed and processed. Sludge has been removed from all the lagoons. Sub-liner soil removal is completed. The closure data package has been submitted to the State.

3.0 Major Technical or Regulatory Issues

Framatome changed its name to AREVA NP (ANP), effective 3/15/06. ANP's updated decommissioning funding plan was approved in June 2006, and reflects revised estimates as lagoon closure is complete.

4.0 Estimated Date For Closure

TBD

General Atomics

1.0 Site Identification

Location: San Diego, CA
License No.: SNM-696
Docket No.: 70-734
License Status: Possession-only
Project Manager: Merritt Baker

2.0 Site Status Summary

In September 1996 General Atomic's (GA's) special nuclear material (SNM) license was amended to authorize only decommissioning activities. By an application dated October 11, 1996, and supplements dated December 5, 1996; April 18, 1997; and January 15, 1998; GA requested an amendment to its license to incorporate a site decommissioning plan (DP). In accordance with the DP, GA is undergoing site wide decommissioning in accordance with the DP. All areas have been decommissioned, and the FSS for the last area is expected in late 2006.

GA's request to lower the possession limit to less than a critical mass was approved in 2003.

The primary radioactive contaminant is uranium-235. Soil will be remediated to levels specified in option 1 of the branch technical position (BTP), "Disposal or Onsite Storage of Thorium or Uranium Wastes from Past Operations," [46 FR 52061; October 23, 1981]. Facilities and equipment will be decontaminated to levels specified in "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material," [USNRC, Policy and Guidance Directive FC 83-23, Division of Industrial and Medical Nuclear Safety, November 4, 1983]. GA intends to decommission areas required for unrestricted use and to terminate its SNM license.

3.0 Major Technical or Regulatory Issues

None.

4.0 Estimated Date For Closure

2007

Honeywell

1.0 Site Identification

Location: Metropolis, IL
License No.: SUB-526
Docket No.: 40-3392
License Status: Active
Project Manager: Mike Raddatz

2.0 Site Status Summary

This facility is the only operational conversion facility in the United States. There are two CaF₂ settling ponds on this site. In 2001, NRC determined that the material in the ponds could be treated as exempt material, as defined in 10 CFR 40.13(a), and should be disposed of accordingly. In 2003, this licensee remediated "A" pond and disposed of the solid material. Treatable liquid has been removed from "C" pond, but the licensee is planning to treat the solids differently than in the past.

The Honeywell uranium conversion facility is on 1100 acre site (60 acres within the fence-line). Honeywell is authorized to convert natural uranium ore to natural uranium hexafluoride. Uranium conversion process occurs in the Feeds Material Building. Honeywell is authorized to possess 150 million pounds of natural uranium for the chemical conversion of uranium ore concentrates into uranium hexafluoride.

3.0 Major Technical or Regulatory Issues

None.

4.0 Estimated Date For Closure

TBD