



July 13, 2007
NRC:07:032

Margaret M. Doane, Deputy Director
Office of International Programs
U.S. Nuclear Regulatory Commission
Mail Stop O4E21
Washington, D.C. 20555-0001

*IW018
(2 pages)*

Response to a Request for Additional Information on Radioactive Waste Import License Application

Ref. 1: Letter, Brian Lindauer (AREVA NP Inc.) to Margaret M. Doane (NRC), "Radioactive Waste Import License Application," 06-019, May 1, 2006.

Ref. 2: SNM-1168 – Amendment 9, "U.S. Nuclear Regulatory Commission Materials License," Framatome ANP, Inc., Lynchburg, Virginia Facility, Expiration August 30, 2013.

In Reference 1, AREVA NP Inc. (AREVA NP) requested the issuance of a license to import material including compactable dry activated waste and resins contaminated with the isotopic mix described in the letter. A request for additional information was released by the NRC in an email dated May 29, 2007.

A conference call was held with the NRC and EnergySolutions on June 28, 2007 to discuss AREVA NP's proposed responses to the request for additional information. The responses to this request for additional information are enclosed as an attachment to this letter.

The subject material for import is domestic waste originally generated from the chemical and physical decontamination of Dominion Generation/Surry Nuclear Power Station's Reactor Coolant Pump.

The completion date for shipment of the material from Somanu, France is April 30, 2008.

The timely completion of this application is important because of the imminent closure of the Barnwell LLW disposal facility in June of 2008. AREVA NP appreciates your timely response to this request.

Sincerely,

A handwritten signature in cursive script that reads "Ronnie L. Gardner".

Ronnie L. Gardner, Manager
Site Operations and Regulatory Affairs
AREVA NP Inc.

Enclosures

cc: J. Owens

AREVA NP INC.

An AREVA and Siemens company

Attachment A

Question 1: *Will Duratek be performing any waste processing with the material sent to them?*

Response 1:

EnergySolutions (Duratek) will require dewatering of the resins prior to disposal. The dry activated waste (DAW) will be inspected for non-conforming items and subsequently shipped for burial or incinerated.

Question 2: *Demonstrate to the NRC that the waste meets the Barnwell Waste Acceptance Criteria.*

Response 2:

AREVA NP has performed a Waste Class determination which meets the Waste Acceptance Guidelines of EnergySolutions. The material that is Class A waste can be shipped to the Clive Utah LLRW disposal site. The material that is Class B or C will be handled under EnergySolutions' long term contract with Dominion Generation for shipment to the State of South Carolina's Barnwell disposal site.

Question 3: *How will the Dry Active Waste be rendered suitable for the Barnwell Waste Acceptance Criteria?*

Response 3:

If Class A, the dry active waste may be shipped for disposal at the Clive Utah LLRW disposal site or at the State of South Carolina's Barnwell disposal site. If Class B or C, the Clive Utah site is unavailable. Alternatively, the DAW may be incinerated for disposal at Clive Utah.

Question 4: *Summarize the arrangements made with the SE Compact states (VA, TN, SC) for the waste.*

Response 4:

South Carolina is not a member state of the SE Compact; they are in the Atlantic Compact. Wastes disposed following processing at EnergySolutions remain attributable to the original generator which is Dominion Generation/Surry Nuclear Power Station. Incineration is an exception in that ash is attributable to the EnergySolutions facility, as the process produces a new waste form. This is in accordance with EnergySolutions' radioactive materials license.