

January 17, 2014

Mr. Scott P. Murray
Manager, Facility Licensing
Vallecitos Nuclear Center
6705 Vallecitos Road
Sunol, California 94586

SUBJECT: REQUEST TO EXTEND SPECIAL AUTHORIZATION FOR ONE TIME
SHIPMENT (TAC NO. L24877)

Dear Mr. Murray:

As requested in your January 10, 2014, letter, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 71, Certificate of Compliance (CoC) No. 9228, for the Model No. 2000 package is amended to authorize a one-time shipment as follows:

1. Authorization is for a one-time shipment of nine double encapsulated zircalloy rods containing irradiated cobalt pellets placed in two separators. Total shipment activity is not to exceed 7,000 Ci Co-60 and 100 Ci Zr/Nb-95. A basket support, per Drawing No. 000N2016, Rev. 0, shall be used to hold up the shield plug and material basket inside the barrel rack. The two separators (Drawing Nos. 147C8410, Rev. 0, and 147C8411, Rev. 0) along with the basket filler (Drawing No. 147C8414, Rev. 0) shall be stacked inside of the material basket (Drawing No. 183C8356, Rev. 3). The basket filler shall be placed in last to keep the segmented rods low in the material basket. The material basket shall be inside of the barrel rack (Drawing No. 66D8066, Rev. 3) specified in CoC Section 5.(a)(3)(iv).
2. All other conditions of CoC No. 9228 shall remain the same.
3. This authorization replaces the one issued by the NRC on December 31, 2013 (Agency-Wide Document Access and Management System No. ML13365A138), and shall expire on February 28, 2014.

If you have any questions regarding this authorization, please contact me or John Vera of my staff at (301) 287-9165.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/

Michele Sampson, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9228
TAC No. L24877
Enclosure: Safety Evaluation Report

Mr. Scott P. Murray
Manager, Facility Licensing
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OFC:	SFST		SFST		SFST		SFST		SFST	
NAME:	JVera		MDeBose		MSampson					
DATE:	1/15/2014		1/16/2014		1/17/2014					

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SAFETY EVALUATION REPORT

Docket No. 71-9228
Model No. 2000
Certificate of Compliance No. 9228

By application dated January 10, 2014, GE-Hitachi Nuclear Energy (GEH or the applicant) requested an extension to letter authorization to Certificate of Compliance (CoC) No. 9228 for the Model No. 2000 issued on December 31, 2013, for a one-time shipment of nine double encapsulated zircalloy rods containing irradiated cobalt pellets placed in two separators, with total shipment activity not to exceed 7,000 Ci Co-60 and 100 Ci Zr/Nb-95.

The extension to this authorization was requested due to delays due to severe winter weather at the customer site.

CoC No. 9228 has been amended by letter to authorize the shipment based on the statements and representations in the application. The staff finds that the change in shipment date does not affect the ability of the package to meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 71.

Issued on January 17, 2014