

September 27, 2005

Mr. Richard Montgomery
Advisory Engineer
Framatome ANP, Inc.
200 Oxide Lane
Erwin, TN 37650

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 6581 FOR THE MODEL NO. 51032-1
PACKAGE

Dear Mr. Montgomery:

Enclosed is Certificate of Compliance No. 35, for the Model No. 51032-1 package. This certificate supersedes, in its entirety, Certificate of Compliance No. 6581, Revision No. 34, dated July 14, 2005. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

Those on the attached list have been registered as users of the package under the general license provision of 10 CFR 71.17 or 49 CFR 173.471. This approval constitutes authority to use the package for shipment of radioactive material and for the package to be shipped in accordance with the provisions of 49 CFR 173.471. Registered Users may request by letter to remove their names from the Registered Users List.

If you have any questions regarding this certificate, please contact me or Jessica Umaña of my staff at (301)415-8500.

Sincerely,

/RA/

Robert J. Lewis, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-6581
TAC No. L23890

Enclosures: 1. Certificate of Compliance
No. 6581, Rev. No. 35
2. Safety Evaluation Report
3. Registered Users List

cc w/encls 1 & 2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy
RAMCERTS
Registered Users

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*see previous concurrence

OFC:	SFPO	E	SFPO	E	SFPO		SFPO		SFPO			
NAME:	JUmana*		BWhite*		MDeBose		LCampbell		RLewis			
DATE:	9/23/2005		9/26/2005		9/26/2005		9/27/2005		9/27/2005			

C = COVER

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SAFETY EVALUATION REPORT
Docket No. 71-6581
Model No. 51032-1 Package
Certificate of Compliance No. 6581
Revision No. 35

SUMMARY

By application dated August 26, 2005, Framatome ANP, Inc. (Framatome), requested an amendment to Certificate of Compliance No. 6581 for the Model No. 51032-1 package. Framatome requested minor changes to the contents of the package for specified fuel designs. Framatome did not request any design changes to the packaging. Based on the statements and representations in the application, the staff agrees that the changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

EVALUATION

By application dated August 26, 2005, Framatome requested an amendment to the certificate of compliance to allow for variations in the maximum pellet density and maximum enrichment for specified fuel designs. The applicant requested allowable maximum pellet densities for the specified fuel designs of 95.0 and 97.5 (%TD) with corresponding maximum enrichments (%U-235) of 5.0 and 4.87, respectively. The relationship between maximum enrichment and maximum pellet density maintains the density of U-235 used in the criticality analysis. These changes will not increase the maximum K_{eff} values associated with normal conditions of transport and the hypothetical accident conditions. Condition No. 5(b)(1)(i) of the certificate was changed to reflect the requested revision Framatome submitted in the application dated August 26, 2005.

The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the operating and maintenance procedures for the package and found them to be adequate.

CONCLUSION

This change does not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 6581, Revision 35 on September 27, 2005.