

March 24, 2004

Dr. James M. Shuler
Office of Licensing
EM-24/CLV-1081
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585-2040

SUBJECT: MODEL NO. PAT-1

Dear Dr. Shuler:

Enclosed is Certificate of Compliance No. 0361, Revision No. 8, for the Model No. PAT-1 package. This certificate supersedes in its entirety, Certificate of Compliance No. 0361, Revision No. 7, dated September 15, 1998. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

The Department of Energy has been registered as the user of the package under the provisions of 49 CFR 173.471. The 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.

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

Sincerely,

/RA/

John D. Monninger, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-0361

Enclosures: 1. Certificate of Compliance
No. 0361, Rev. No. 8
2. Safety Evaluation Report

cc w/ encl: R. Boyle, Department of Transportation
RAMCERTS

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OFC:	SFPO	E	SFPO		SFPO	E	SFPO	C			
NAME:	JUmana*		NOsgood*		MDeBose*		JMonninger				
DATE:	3/18/2004		3/18/2004		3/23/2004		3/ /2004				

SAFETY EVALUATION REPORT
Docket No. 71-0361
Model No. PAT-1 Package
Certificate of Compliance No. 0361
Revision No. 8

The certificate has been renewed for a five-year term which expires on March 31, 2009. There have been no changes to the packaging design or contents.

The package identification number has been revised to USA/0361/B(U)F-96 to indicate that the package meets the requirements of the revised 10 CFR Part 71 regulations that become effective October 1, 2004, (69 FR 3698).

Condition No. 5(c) of the certificate was revised to clarify that the Transport Index for criticality control is the same as the Criticality Safety Index as defined in 10 CFR 71.4 of the revised regulations that become effective October 1, 2004.

Condition No. 14 of the certificate allows the packaging to be marked with the previous Package Identification Number, USA/0361/B(U)F-85 until October 1, 2005. This is to allow time to replace the packaging nameplate that shows the revised Package Identification Number, USA/0361/B(U)F-96.

Condition No. 15 of the clarifies that the package is approved for use under the general license provisions of 10 CFR 71.12, until October 1, 2004, and under provisions of 10 CFR 71.17 thereafter. This change is due to a revision in the numbering of the sections in the revised regulations that become effective on October 1, 2004 (69 FR 3698).

Issued with Certificate of Compliance No. 0361, Revision No. 8, on March 24, 2004.