

September 14, 2007

Mr. Patrick L. Paquin
EnergySolutions
140 Stoneridge Drive
Columbia, SC 29210

SUBJECT: AMENDMENT TO CERTIFICATE OF COMPLIANCE NO. 9208 FOR THE
MODEL NO. 10-142B PACKAGE (TAC 24117)

Dear Mr. Paquin:

As requested by NUKEM Corporation letter dated August 15, 2007, enclosed is Certificate of Compliance (CoC) No. 9208, Revision No. 18, for the Model 10-142B package. 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 provisions of 10 CFR 71.12 or 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 at (301) 492-3294.

Sincerely,

/RA/

Robert A. Nelson, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9208
TAC No. L24117

Enclosures:

1. CoC No. 9208, Rev. No. 18
2. Safety Evaluation Report
3. Registered Users List

cc w/encls.1 and 2: R. Boyle, Department of Transportation
J. M. Shuler, Department of Energy
R. Byars, NUKEM Corporation
Registered Users

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OFC:	SFST	E	SFST	E	SFST	N
NAME:	KChang		MDeBose		RNelson	
DATE:	8/ 31 /2007		9/ 12/2007		9/ 14 /2007	

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SAFETY EVALUATION REPORT
Docket No 71-9208
Model No. 10-142B Package
Certificate of Compliance No. 9208
Revision No. 18

SUMMARY

By application dated August 15, 2007, NUKEM Corporation (NUKEM) requested an amendment to Certificate of Compliance No. 9208 for the Model No. 10-142B package. NUKEM requested that the certificate be issued to EnergySolutions to reflect the acquisition of NUKEM by EnergySolutions in 2007. No changes to the package were requested.

Based on the statements and representations in the application, the staff agrees that this change to the Certificate of Compliance do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

EVALUATION

No changes to the package were requested.

The certificate was revised to indicate the acquisition of NUKEM by EnergySolutions.

The certificate was revised to indicate that EnergySolutions is now the certificate holder and the records for the casks would be transferred and maintained by EnergySolutions in accordance with its Quality Assurance Program. The records required to show compliance with 10 CFR 71.91 for the package would be located in the EnergySolutions offices in Columbia, South Carolina.

CONCLUSION

The Certificate of Compliance was revised to indicate that EnergySolutions is now the certificate holder. 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. 9208, Revision No. 18
on September 14, 2007.

