

January 5, 2012

Sean O'Kelly  
Chief, Reactor Operations and Engineering  
National Institute of Standards and Technology  
100 Bureau Drive  
Gaithersburg, MD 20899

SUBJECT: RENEWAL OF CERTIFICATE OF COMPLIANCE NO. 9246 FOR THE MODEL  
NO. ST PACKAGE

Dear Mr O'Kelly:

As requested by your application dated October 17, 2011, enclosed is Certificate of Compliance No. 9246, Revision No. 7, for the Model No. ST package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

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. Those on the enclosed list have been registered as users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471.

If you have any questions regarding this certificate, please contact me or Kim Hardin of my staff at (301) 492-3339.

Sincerely,

**/RA/ B. H. White for**

Michael D. Waters, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9246  
TAC No. L24595

Enclosures: 1. Certificate of Compliance  
2. Safety Evaluation Report  
3. Registered Users List

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

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**ADAMS Package No.: MLML120050339 ADAMS Letter and SER Accession No.: ML120050347**

<b>OFC:</b>	SFST	E	SFST		SFST					
<b>NAME:</b>	KHardin		MDeBose		BHWhite for MWaters					
<b>DATE:</b>	12/30/11		1/4/12		1/5/12					

## SAFETY EVALUATION REPORT

Docket No. 71-9246  
Model No. ST Package  
Certificate of Compliance No. 9246  
Revision No. 7

### **SUMMARY**

By letter dated October 17, 2011, National Institute of Standards and Technology (NIST) requested renewal of Certificate of Compliance (CoC) No. 9246 for the Model No. ST package. For the renewal request, there are no changes to the package design, operating procedures, acceptance tests, or maintenance program of the package. NIST, however, did request some CoC changes that staff is reviewing separately as a revision request. The CoC has been renewed for an additional five year period with no changes to the current CoC.

### **EVALUATION**

By letter dated October 17, 2011, National Institute of Standards and Technology (NIST) requested renewal of Certificate of Compliance (CoC) No. 9246 for the Model No. ST package. There are no changes to the package design, operating procedures, acceptance tests, or maintenance program of the package as part of the renewal. The staff reviewed the current CoC in its entirety and the references to ensure that they have been properly docketed as official agency records. Staff determined that the documentation was available and complete.

Staff notes that NIST requested changes to the CoC and provided a consolidated SAR. Staff is reviewing these changes and the consolidated SAR as a revision request separately from the renewal.

Based on the information provided in the application and verified by the staff review of documentation, the staff concluded that the request for renewal of Certificate of Compliance No. 71-9246 for the Model No. ST package continues to meet the requirements of 10 CFR Part 71.

### **CONDITIONS**

The Revision number was changed to Revision 7.

Condition No. 9 was modified to allow the previous revision (6) of the certificate to be used for a period of approximately one year.

Condition No. 10 was modified to change the expiration date to January 31, 2017.

The references were updated to reflect the application date of October 17, 2011.

**CONCLUSION**

The certificate has been renewed for a five year term. These changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9246, Revision No. 7,  
on January 5, 2012.