



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 17, 2017

Mr. Thomas Newton
Chief, Reactor Operations and Engineering
National Institute of Standards and Technology
100 Bureau Drive
Gaithersburg, MD 20899

SUBJECT: REVISION NO. 9 OF CERTIFICATE OF COMPLIANCE NO. 9246 FOR THE
MODEL NO. ST PACKAGE

Dear Dr. O'Kelly:

As requested by your application dated December 13, 2016, enclosed is Certificate of Compliance (CoC) No. 9246, Revision No. 9, 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. The registered users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471 will receive a copy of the CoC.

If you have any questions regarding this certificate, please contact me or John Vera of my staff at (301) 415-5790.

Sincerely,

/RA/

John McKirgan, Chief
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No. 71-9246

CAC No. L25199

Enclosures: 1. Certificate of Compliance
No. 9246, Rev. No. 9
2. Safety Evaluation Report
3. Registered Users List

Upon removal of Enclosure 3, this
document is uncontrolled

cc w/encls 1 & 2: R. Boyle, DOT
J. Shuler, DOE-SRNL c/o L. Gelder
Registered Users

T. Newton

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MODEL NO. ST PACKAGE

DATE:

DISTRIBUTION: (Closes CAC No. L25199)

SFST r/f R Powell, RI S Walker, RII MKunowski, RIII JWhitten, RIV

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ADAMS Package No.: ML17079A390 ADAMS Letter & SER Accession No.:

ML17079A418 Enclosure 1: ML17079A454 Enclosure 3: ML17079A457

OFFICE	DSFM	DSFM	DSFM			
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**SAFETY EVALUATION REPORT
Docket No. 71-9246
Model No. ST
Certificate of Compliance No. 9246
Revision No. 9**

SUMMARY

By letter dated December 13, 2016, National Institute of Standards and Technology (NIST) requested a revision to Certificate of Compliance (CoC) No. 9246 for the Model No. ST package.

No CoC changes were requested. All original analyses for the currently approved package are still valid. The safety analysis report (SAR) was not changed.

EVALUATION

By letter dated December 13, 2016, National Institute of Standards and Technology (NIST) requested renewal of CoC No. 9246 for the Model No. ST package. No changes were requested to the CoC, and no changes were made to the SAR.

Based on the information provided in the application, the staff concludes that the Model No. ST package continues to meet the requirements of 10 CFR Part 71.

CONDITIONS

The revision number was changed to Revision No. 9.

Condition No. 9 was modified to allow the previous revision (8) of the certificate to be used for a period of approximately one year.

Condition No. 10 was modified to reflect the new expiration date of January 31, 2022.

The References section was revised to include the December 13, 2016, request for renewal.

CONCLUSION

CoC No. 9246 has been revised as specified above. Based on the statements and representations in the application, the staff finds the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9246, Revision No. 9,
on 3/17/17.