



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

October 31, 2016

Mr. Ahmad M. Al-Daouk, Director
Office of Transportation and Packaging
U.S. Department of Energy
National Nuclear Security Administration
Washington, DC 20585

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9329 FOR THE MODEL NO. S300
PACKAGE

As requested by your application dated September 22, 2016, as supplemented on October 14, 2016, enclosed is Certificate of Compliance No. 9329, Revision No. 5, for the Model No. S300 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 Title 49 of the *Code of Federal Regulations* (49 CFR) 173.471. Those on the attached 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 Wendy Reed at (301) 415-7213.

Sincerely,

/RA/

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

Docket No. 71-9329
TAC No. L25152

Enclosures: 1. Certificate of Compliance
No. 9329, Rev. No. 5
2. Safety Evaluation Report
3. Registered Users

Upon removal of Enclosure 3, this document is uncontrolled

cc w/encls 1&2: R. Boyle, Department of Transportation
J. Shuler, Department of Energy c/o L.T. Gelder

Mr. Ahmad M. Al-Daouk, Director
Office of Transportation and Packaging
U.S. Department of Energy
National Nuclear Security Administration
Washington, DC 20585

October 31, 2016

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9239 FOR THE MODEL NOS. MCC-3, MCC-4,
AND MCC-5 PACKAGES

Dear Mr. Al-Daouk:

As requested by your letter dated September 22, 2016, as supplemented on October 14, 2016, enclosed is Certificate of Compliance No. 9329, Revision No. 5, for the Model No. S300 package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

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(Closes TAC No. L25152)

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ADAMS Package No.: ML16305A112 Letter & SER No.: ML16305A096

CoC No.: ML16305A101 Enclosure 3: ML16305A108

OFC:	SFM		SFM		SFM		SFM		SFM	
NAME:	WReed		SFiguroa via email		JMcKirgan					
DATE:	10/19/2016		10/20/2016		10/31/16					

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

**SAFETY EVALUATION REPORT
Docket No. 71-9329
Model No. S300
Certificate of Compliance No. 9329
Revision No. 5**

SUMMARY

By application dated September 22, 2016, as supplemented on October 14, 2016, the National Nuclear Security Administration's Office of Packaging and Transportation (NNSA or the applicant) submitted a renewal request for Certificate of Compliance (CoC) No. 9329 for the Model No. S300 package. The certificate holder did not request any changes to the package design, operating procedures, acceptance tests, nor maintenance program for the package.

EVALUATION

By letter dated September 22, 2016, NNSA requested renewal of CoC No. 9329 for the Model No. S300 package. Los Alamos National Laboratory Application, Revision No. 5 (Rev. 5) could not be located in NRC's Agencywide Documents Access and Management System (ADAMS). NRC subsequently requested the document from NNSA. Upon receipt of Rev. 5, NRC staff checked the contents to ensure that NNSA had submitted a consolidated application, based upon the documents referenced in Revision No. 3 of the certificate. The certificate has been renewed for an additional five year term expiring on January 31, 2022.

CONDITIONS

The following conditions were changed in the CoC:

Condition No. 10 has been revised to indicate that Revision No. 4 of the certificate may be used until January 31, 2017.

Condition No. 11 was added, as a consequence of the modification of the previous Condition No. 10, to revise the expiration date of the certificate.

CONCLUSION

Based on the statements and representations contained in the application and the conditions listed above, the staff concludes that the design of the Model No. S300 package has been adequately described and evaluated. The staff concludes that the changes indicated do not affect the ability of the package to meet the requirements of 10 CFR Part 71. The certificate has been renewed for an additional five year term expiring on January 31, 2022.

Issued with Certificate of Compliance No. 9329,
Revision No. 5, on October 31, 2016.