

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

September 17, 2013

Dr. James M. Shuler  
U.S. Department of Energy  
DOE Packaging Certification Program  
c/o L.F. Gelder  
Savannah River Research Campus  
227 Gateway Drive, Room 310  
Aiken, SC 29803

SUBJECT: CERTIFICATE OF COMPLIANCE NO. 9330, REVISION NO. 6, FOR THE  
MODEL NO. ATR FFSC PACKAGE

Dear Dr. Shuler:

As requested by your application dated July 23, 2013, enclosed is Certificate of Compliance No. 9330, Revision No. 6, for the Model No. ATR FFSC package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's Safety Evaluation Report is also enclosed.

This 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. Registered users of the package under the general license provisions of 10 CFR 71.17 or 49 CFR 173.471 has been provided a copy of this certificate.

If you have any questions regarding this certificate, please contact me or Mr. Jose Cuadrado of my staff at (301) 415-0929.

Sincerely,

**/RA/**

Michele Sampson, Chief  
Licensing Branch  
Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety  
and Safeguards

Docket No. 71-9330  
TAC No. L24769

Enclosures: 1. Certificate of Compliance  
No. 9330, Rev. No. 6  
2. Safety Evaluation Report  
3. Registered Users List

Upon removal of Enclosure 3, this  
document is uncontrolled

cc w/encls 1&2: R. Boyle, Department of Transportation  
Registered Users

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**ADAMS P8 Package No.: ML13260A135 Letter: ML13260A150**

<b>OFC</b>	SFST		SFST		SFST				
<b>NAME</b>	JCuadrado		MDeBose		MSampson				
<b>DATE</b>	9/6/13		9/13/13		9/17/13				

C = COVER E = COVER & ENCLOSURE N = NO COPY

OFFICIAL RECORD COPY

**SAFETY EVALUATION REPORT**  
**Docket No. 71-9330**  
**Model No. ATR FFSC Package**  
**Certificate of Compliance No. 9330**  
**Revision No. 6**

**SUMMARY**

By letter dated July 23, 2013, the U.S. Department of Energy (DOE) requested revision of Certificate of Compliance (CoC) No. 9248, for the Model ATR FFSC package for the transport of Design Demonstration Elements or similar test elements and fuel plates. DOE did not request any changes to the package design, authorized contents, operating procedures, acceptance tests, or maintenance programs. The staff has reviewed the proposed revisions to the certificate and finds that the revisions only clarify the terms used to identify the package contents and do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

**EVALUATION**

DOE requested editorial corrections to Certificate of Compliance No. 9330, for the Model No. ATR FFSC package. Specifically, DOE requested that additional language in the certificate be included to include test elements and plates that already meet the description of Design Demonstration Elements, as authorized contents of the package. DOE stated that these test elements and plates already meet the description and design of Design Demonstration Elements already authorized by the certificate. The staff has reviewed the changes requested and finds that they are editorial in nature, and do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

**CONDITIONS**

The following changes have been made to the certificate of compliance:

Condition No. 5.(b)(1) has been revised to include "similar test elements" as authorized contents along with Design Demonstration Elements (DDEs).

Condition No. 11 has been revised to allow use of Revision No. 5 of the CoC for approximately one year.

**CONCLUSION**

Based on the statements contained in the application, and the conditions listed above, the staff concludes that the changes indicated do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9330, Revision No. 6,  
on Sept. 17, 2013.