

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



October 14, 2016

Mr. Wren Fowler  
Director, Licensing  
NAC International  
3930 East Jones Bridge Road, Suite 200  
Norcross, GA 30092

SUBJECT: REVISION 67 OF CERTIFICATE OF COMPLIANCE NO. 9225 FOR THE  
MODEL NO. NAC-LWT PACKAGE (TAC NO. L25157)

Dear Mr. Fowler:

As requested by your application dated October 14, 2016, enclosed is Certificate of Compliance No. 9225, Revision No. 67, for the Model No. NAC-LWT transportation 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 me or Huda Akhavannik of my staff at (301) 415-5253.

Sincerely,

**/RA P. A. Silva Acting for/**

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

Docket No. 71-9225  
TAC No. L25157

Enclosures: 1. Certificate of Compliance  
No. 9225, Rev. No. 67  
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, U.S. Department of Energy c/o L. F. Gelder  
Registered Users

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DISTRIBUTION: (Closes TAC No L25157)  
DMercano Marc Ferdas, RI SWalker, RII R. Orlikowski, RIII Ray Keller, RIV  
**ADAMS Package No.: ML16291A104 LTR&SER: ML16291A118 CoC: ML16291A120**  
**Registered Users: ML16291A144**  
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<b>OFC:</b>	DSFM	DSFM	DSFM	DSFM	DSFM
<b>NAME:</b>	HAKhavannik	SFigueroa	DTarantino	TAhn	PSilva for JMcKirgan
<b>DATE:</b>	10/14/16	10/14/16	10/14/16	10/14/16	10/14/16



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**SAFETY EVALUATION REPORT**

**Docket No. 71-9225**  
**Model No. NAC-LWT Package**  
**Certificate of Compliance No. 9225**  
**Revision No. 67**

**EVALUATION**

By application dated October 14, 2016, NAC International, Inc., (NAC or the applicant) requested amendment to Certificate of Compliance No. 9225 for the Model No. NAC-LWT package. NAC requested amendment to reflect updates to drawing no. LWT 315-40-172, "LID Assembly, NRU/NRX." Specifically, NAC requested the material specification for the lid collar change from ASME SA312 to ASME SA249. This change is requested to identify the accurate ASME specification for the part by changing it from a pipe specification to a tube specification.

CoC No. 9225 has been amended based on the statements and representations in the application, and staff agrees that the changes do not affect the ability of the package to meet the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 71.

**CONDITIONS**

The following changes have been made to the certificate:

Condition No. 5(a)(3)(ii), "Drawings," was updated to reflect the latest revision of drawing no. LWT 315-40-172, (Sheets 1 - 2), "Lid Assembly, NRU/NRX."

The references section has been updated to include this application supplement.

**CONCLUSION**

Based on the statements and representations in the application, as supplemented, and the conditions listed above, the staff concludes that the Model No. NAC-LWT package design has been adequately described and evaluated, and that these changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with CoC No. 9225, Revision No. 67, on  
10-14-2016.