



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

May 5, 2015

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

SUBJECT: REVISION 63 OF CERTIFICATE OF COMPLIANCE NO. 9225 FOR THE  
MODEL NO. NAC-LWT PACKAGE

Dear Mr. Fowler:

The purpose of this letter is to correct a typographical error in Condition No. 17 of Certificate of Compliance No. 9225, Revision No. 62, for the Model No. NAC-LWT package. Enclosed is Certificate of Compliance No. 9225, Revision No. 63, for the Model No. NAC-LWT package. Changes made to the enclosed certificate are indicated by vertical lines in the margin. The staff's safety evaluation report is also enclosed.

NAC International, Inc., is registered as the certificate holder for this package. 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. 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 Norma Garcia Santos of my staff at (301) 415-6999.

Sincerely,

**/RA/ H. Akhavannik for**

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

Docket No. 71-9225

Enclosures: 1. Certificate of Compliance  
No. 9225, Rev. No. 63  
2. Safety Evaluation Report  
3. Registered Users List

Upon removal of Enclosure 3, this  
document is uncontrolled.

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

**OFFICIAL USE ONLY – SECURITY RELATED INFORMATION**

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ADAMS Accession No: ML15126A100 LTR&SER: ML15126A112 CoC: ML15126A121 Registered Users: ML15126A130

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**SAFETY EVALUATION REPORT**

**Docket No. 71-9225**  
**Model No. NAC-LWT Package**  
**Certificate of Compliance No. 9225**  
**Revision No. 63**

**SUMMARY**

As part of the renewal process, on January 29, 2015, NAC submitted a consolidated application, which corresponded to Revision 61 of the certificate of compliance (CoC) for the Model No. NAC-LWT. NAC also requested approval for using five non-conforming baskets manufactured for transporting NRU\NRX fuel. These baskets were manufactured by Columbiana High-Tech (CHT) per Licensing Drawing No. LWT 315-40-173, Revision 2. The staff issued the renewed CoC on April 10, 2015 (ADAMS Accession No. ML15104A144).

The staff inadvertently referenced note No. 9 and not note No. 8 of Licensing Drawing No. LWT 315-40-173, Revision 2, in Condition No. 17 of certificate related to the NRU\NRX non-conforming baskets. The certificate was revised to correct this typographical error.

**EVALUATION**

**1.0 General Discussion**

The staff inadvertently referenced note No. 9 of Licensing Drawing No. LWT 315-40-173, Revision 2, instead of note No. 8 in Condition No. 17 of the certificate for the Model No. NAC-LWT. Note No. 8 was the correct citation for this condition since it delineated the CoC requirements for performing visual inspections to the welds of the NRU\NRX fuel basket. Note No. 8 stated the following:

“Visually inspect (VT) all welds per ASME Section V, Articles 1 & 9. Acceptance criteria per Section III, NG-5390.”

Condition No. 17 was revised to correct this typographical error. No additional changes were made to this certificate of compliance.

**2.0 CONDITIONS**

The following change was made to the certificate:

*Condition No. 17* was revised to read as follows:

“For shipment of NRU\NRX Fuel:

NRU/NRX basket weldment serial numbers (S/N's) 315-391-173-01 and -03 through -06 are authorized for use with exception to the requirement presented in License Drawing No. LWT 315-40-173, Rev. 2, (sheets 1-2) note No. 8. No other NRU/NRX basket weldments are authorized for use with exception to note No. 8, other than the S/N's specified in this condition.”

## **CONCLUSION**

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

Issued with Certificate of Compliance No. 9225, Revision No. 63, on  
May 5, 2015