

January 12, 2009

Mr. Anthony L. Patko
Director, Licensing
NAC International, Inc.
3930 East Jones Bridge Road
Norcross, GA 30092

SUBJECT: AMENDMENT NO. 5 TO CERTIFICATE OF COMPLIANCE NO. 1015 FOR THE
NAC INTERNATIONAL, INC. NAC-UMS UNIVERSAL STORAGE SYSTEM

Dear Mr. Patko:

As requested by your application dated September 22, 2006, as supplemented, enclosed is Amendment No. 5 to Certificate of Compliance (CoC) No. 1015 for the NAC International, Inc. (NAC), NAC-UMS Universal Storage System. This certificate amendment is issued pursuant to 10 CFR Part 72. Changes made to the certificate are indicated by vertical lines in the right margin. As stated in the Federal Register (73 FR 63621, October 27, 2008), the effective date of this certificate amendment is January 12, 2009. The Nuclear Regulatory Commission's (NRC) Safety Evaluation Report (SER) for this amendment is also enclosed.

Amendment No. 5 to CoC No. 1015 constitutes NRC approval of changes to the NAC-UMS system. Those specific changes consist of: 1) revising the Technical Specifications (TS) for approved contents to include high burnup PWR fuel (up to 60 GWd/MTU); 2) eliminating the CoC requirement for the use of a tamper-indicating seal on the concrete cask lid bolts; 3) revising the TS Section B 2.1 written reporting requirement from 30 to 60 days; 4) eliminating the commitment in the FSAR for Charpy V-notch impact testing of the BWR support disk material; 5) making the use of the structural lid and shield lid threaded plugs and dowel pins optional, as specified in the revised FSAR drawings; 6) revising the TS definitions of intact and damaged fuel to conform with the NRC guidance of ISG-1, Revision 2; and 7) revising the TS requirements for limiting potential thermal cycling of the fuel cladding, for consistency with the staff's position in ISG-11, Revision 3; and some additional editorial changes.

This certificate amendment constitutes the approval and conditions for use of the NAC-UMS for storage of spent nuclear fuel under the general licensing provisions of 10 CFR 72, Subparts K and L. A general license has been granted to all holders of licenses for nuclear power reactors issued under 10 CFR Part 50. If you have any questions regarding this certificate amendment, please contact Ms. Shana Helton of my staff at (301) 492-3284.

Sincerely,

/RA/

Eric J. Benner, Chief
Licensing Branch
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 72-1015

Enclosures: 1. CoC No. 1015 Amendment No. 5
2. Safety Evaluation Report

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ENCLOSURE 1

**CERTIFICATE OF COMPLIANCE No. 1015
Amendment No. 5**

ENCLOSURE 2

SAFETY EVALUATION REPORT