

October 8, 2003

Mr. Thomas C. Thompson  
Licensing Manager  
NAC International, Inc.  
3930 East Jones Bridge Road  
Norcross, GA 30092

SUBJECT: AMENDMENT NO. 3 (CONNECTICUT YANKEE FUEL) TO CERTIFICATE OF  
COMPLIANCE NO. 1025 FOR THE NAC INTERNATIONAL, INC.  
MULTI-PURPOSE CANISTER (NAC-MPC) SYSTEM

Dear Mr. Thompson:

As requested by your application dated April 18, 2002, enclosed is Amendment 3 to Certificate of Compliance (CoC) No. 1025 for the NAC International, Inc. (NAC), Multi-Purpose Canister (MPC) 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 (68 FR 55304, 09/25/03), the effective date of this certificate amendment is October 1, 2003. The NRC's Safety Evaluation Report for this amendment is also enclosed. We request that you update and submit three copies of the final safety analysis report to conform to the certificate, within 90 days.

Amendment No. 3 to CoC No. 1025 constitutes U.S. Nuclear Regulatory Commission approval of the following changes to the NAC-MPC system:

1. Table B2-2, "Yankee Class INTACT FUEL ASSEMBLY Characteristics," was revised to incorporate fuel enrichment fabrication tolerances into the Yankee Class fuel parameters.
2. Table B2-1, "Yankee Class Fuel Assembly Limits," was revised to incorporate fuel assemblies with up to 20 damaged fuel rods, recaged fuel assemblies, Yankee Rowe damaged fuel can, and fuel assembly weights up to 950 pounds.
3. TS A 3.2.2, "CONCRETE CASK Average Surface Dose Rates," was revised by changing the average surface dose rate limits for the concrete cask.
4. TS B 3.3.1, "Alternatives to the ASME Code" and Table B3-1, "List of ASME Code Alternatives for the NAC-MPC SYSTEM," was revised to incorporate administrative changes in the ASME Code Alternatives for the NAC-MPC canister.
5. Table B2-4, "Connecticut Yankee INTACT FUEL ASSEMBLY Characteristics," was revised to correct the Connecticut Yankee (CY) maximum fuel enrichment, maximum initial uranium mass, and maximum burnup parameters.
6. The CoC, Appendix A, and Appendix B were revised throughout to clarify conditions and required actions by incorporating several editorial and administrative changes.

This certificate amendment constitutes the approval and conditions for use of the NAC-MPC for storage of spent nuclear fuel under the general licensing provisions of 10 CFR 72, Subpart K. A general license has been granted to all holders of licenses for nuclear power reactors issued under 10 CFR Part 50.

This letter also serves as a reminder for you to notify affected cask users of the effective date for this amendment. If you have any questions regarding this amended certificate, please contact Raynard Wharton at 301-415-1396.

Sincerely,  
/RA/

John Monninger, Chief  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

Docket No.: 72-1025

Enclosures: 1. Certificate of Compliance No. 1025,  
Amendment No. 3  
2. Safety Evaluation Report

T. Thompson

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<b>NAME</b>	RWharton	EZiegler		JMonninger		
<b>DATE</b>	10/06/03	10/06/03		10/08/03		

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