



Atlanta Corporate Headquarters  
 3930 East Jones Bridge Road  
 Norcross, GA 30092  
 Phone 770-447-1144  
 Fax 770-447-1797  
 www.nacintl.com

November 27, 2002

U.S. Nuclear Regulatory Commission  
 11555 Rockville Pike  
 Rockville, MD 20852-2738

Attention: Document Control Desk

Subject: Submittal of Supplemental ISG-11, Revision 2, Information to the NAC Responses to the NRC Request for Additional Information for the Proposed Amendment of the Certificate of Compliance (CoC) for the NAC-UMS<sup>®</sup> Universal Storage System to Incorporate Enhanced Design Features

Docket No. 72-1015

- References:
1. Certificate of Compliance (CoC) No. 1015, Amendment 2, for the NAC International UMS<sup>®</sup> Universal Storage System, U. S. Nuclear Regulatory Commission, December 31, 2001
  2. Final Safety Analysis Report (FSAR) for the UMS<sup>®</sup> Universal Storage System, Amendment 2, NAC International, January 2002
  3. Request for an Amendment of the Certificate of Compliance (CoC) for the NAC-UMS<sup>®</sup> Universal Storage System to Incorporate Enhanced Design Features, NAC International, January 15, 2002
  4. Request for Additional Information for the UMS<sup>®</sup> Universal Storage System, U. S. Nuclear Regulatory Commission, May 5, 2002
  5. Submittal of NAC Responses to the NRC Request for Additional Information (RAI) for the Proposed Amendment of the Certificate of Compliance (CoC) for the NAC-UMS<sup>®</sup> Universal Storage System to Incorporate Enhanced Design Features, NAC International, July 3, 2002

In accordance with NAC/NRC discussions, NAC International (NAC) herewith submits eight copies of supplemental ISG-11, Revision 2, information for the Reference 5, RAI responses related to the Request for an Amendment of the Certificate of Compliance (CoC) for the NAC-UMS<sup>®</sup> Universal Storage System to Incorporate Enhanced Design Features.

This submittal provides the proposed safety analysis report (SAR) changed pages, which are designated as Revision UMSS-02F. Note: The enclosed SAR changed pages and drawings are to be inserted as replacement or new additional pages, as applicable, into the existing Enhanced NAC-UMS<sup>®</sup> SAR binders. After replacement/insertion of the changed pages provided in this submittal, the revised List of Effective Pages should be used to ensure that the correct pages are included in the SAR binders.

umss01

U.S. Nuclear Regulatory Commission

November 27, 2002

Page 2

The Revision UMSS-02F changed pages have been prepared in accordance with the following conventions:

- The changed pages for this submittal are designated as Revision UMSS-02F to provide a unique identification of the pages and changes.
- Revision bars are used in the page margin to indicate changes. All previous revision bars on the Revision UMSS-02F pages have been deleted, so that only the revisions associated with this amendment request are marked on those pages. Revision bars are not used to indicate text flow.
- All of the pages in the List of Effective Pages are designated Revision UMSS-02F, but no revision bars are used on those pages.

This submittal includes one NAC Calculation Package, EA790-3206, Rev. 5, "Thermal Analyses for UMS Transfer Cask/Canister for PWR Fuel." This calculation package is NAC Proprietary Information and is, therefore, appropriately packaged separately. The required Proprietary Information Affidavit has been executed and is attached.

Also, please note that in addition to the revised vacuum drying times related to the ISG-11, Revision 2 criteria, some editorial changes in the proposed Chapter 12 Technical Specifications have been incorporated in this submittal to correct and/or clarify them. In Section A 1.1, the Definitions are revised to be in alphabetical order; in LCO 3.1.1, ACTION step A.2.1.1, the word "submerge" is replaced with the word "place" to be consistent with LCO 3.1.4, ACTION step A.1.1; LCO 3.1.4 is revised to incorporate LCO 3.1.7 requirements and LCO 3.1.7 has been deleted since it effectively duplicated LCO 3.1.4; and the Bases Sections in Appendix 12C associated with these changes have been revised accordingly.

If you have any comments or questions, please contact me directly at (678) 328-1321.

Sincerely,



Thomas C. Thompson  
Director, Licensing  
Engineering & Design Services

Enclosures

cc: (w/o enclosures)

Paul Plante (MY)  
Tom Williamson (MY)  
Brian Hansen (APS)  
Glenn Michael (APS)

David Jones (DE)  
Keith Waldrop (DE)