

August 12, 2002

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

Attn: Document Control Desk

Subject: Submittal of NAC Responses to the NRC Revised Issues Related to the Review of the  
UMS<sup>®</sup> Universal Transport Cask Application

Docket No. 71-9270

- References:
1. Submittal of Supplemental Information for UMS<sup>®</sup> Universal Transport Cask Application, Revision UMST-02A, NAC International, January 31, 2002
  2. Submittal of Supplemental Information for the NAC-UMS<sup>®</sup> Universal Transport Cask Application, Revision UMST-02B, NAC International, March 13, 2002
  3. Issues Related to the Review of the Model No. NAC-UMS<sup>®</sup> Universal Transport Package, U.S. Nuclear Regulatory Commission (NRC), June 13, 2002 (draft) and July 12, 2002 (revised)

In accordance with Reference 3, NAC International (NAC) herewith submits eight copies of the Responses to the "Revised Issues Related to the Review of the Model No. NAC-UMS<sup>®</sup> Universal Transport Package".

This submittal includes the revised issues and NAC's responses to those issues presented in the standard NAC response format, followed by the associated NAC-UMS<sup>®</sup> Safety Analysis Report (SAR) changed pages, which are designated as Revision UMST-02C and include six revised license drawings. Note: The enclosed SAR changed pages are to be inserted as replacement or new additional pages, as applicable, into the existing NAC-UMS<sup>®</sup> SAR binders. The List of Effective Pages provided in this submittal can be used to ensure that the correct page revisions are incorporated in the SAR binders.

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

- Revision indicators (shading and revision bars) are used to highlight changes. Shading indicates a revision from NAC-UMS<sup>®</sup> SAR, Revision 0, while a revision bar indicates a change in the SAR from a previous revision, subsequent to Revision 0.
- Revision bars also indicate text flow.
- The changed pages for this submittal are designated as Revision UMST-02C to provide a unique identification of the pages and changes.

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- All of the pages in the List of Effective Pages are designated Revision UMST-02C and no revision bars are used on those pages.

This submittal also includes a NAC Proprietary Information Calculation Package, EA790-3012, Revision 0, "Evaluation of Film Coefficient for UMS Transport Cask in the Horizontal Position." Three copies of the calculation package are provided in appropriately marked separate packaging. The required Proprietary Information Affidavit has been executed and is attached.

If you have any comments or questions, please contact me on my direct line at 678-328-1321.

Sincerely,

A handwritten signature in cursive script that reads "T C Thompson".

Thomas C. Thompson  
Director, Licensing  
Engineering & Design Services

Enclosures: 8 copies of NAC Responses to NRC Revised Issues and associated NAC-UMS<sup>®</sup> SAR  
changed pages, Revision UMST-02C  
3 copies of Calculation Package, EA790-3012, Revision 0

Attachments: Proprietary Information Affidavit

cc: Paul Plante (MY)  
Tom Williamson (MY)  
Brian Hansen (APS)  
Glenn Michael (APS)  
Don Gregoire (APS)  
David Jones (DE)  
Keith Waldrop (DE)