

October 28, 1999

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

Attn: Document Control Desk

Subject: Submittal of Revision 2 Changed Pages for the UMS[®] Universal Storage System Safety Analysis Report, Docket 72-1015 (TAC No. L22511)

- References:
1. Submittal of UMS[®] Universal Storage System Safety Analysis Report, Revision 1, NAC International, October 1, 1999
 2. Submittal of Draft Changed Pages for Revision 2 of the UMS[®] Universal Storage System Safety Analysis Report, NAC International, October 26, 1999

In accordance with recent discussions between the NRC and NAC International (NAC) and with the Reference 1 and 2 submittals, NAC herewith submits the Revision 2 changed pages for the UMS[®] Universal Storage System Safety Analysis Report. An electronic format "clean" copy of the Technical Specifications contained in Chapter 12 of the SAR is included in this submittal to facilitate the NRC staff's final preparation of the Preliminary Certificate of Compliance (CoC) and Safety Evaluation Report (SER) for this application.

The Revision 2 changed pages incorporate all of the NAC responses to the NRC Acceptance Review comments on the Reference 1 submittal, that have been discussed in several telecons since that submittal. Consistent with the Reference 1 submittal, no shading or revision-bar marking is included on the Revision 2 changed pages. The Revision 2 changed pages are provided as double-sided copies for easy replacement in the SAR Revision 1 binder, so some Revision 1 pages are included as front or back pages.

Attachment 1 provides a detailed listing of the changes included in the Revision 2 changed pages and drawings. Note: significant reformatting has been done in the fore part of the Chapter 12 Technical Specifications through Appendix B.

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If you have any comments or questions, please contact me or Steve Whitsett at (770) 447-1144.

Sincerely,



Thomas C. Thompson
Director, Licensing and Competitive Assessment
Engineering & Design Services

Attachment

Enclosure

cc: M. Meisner	Maine Yankee
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ATTACHMENT 1

DETAILED LISTING OF REVISION 2 CHANGES
TO THE SAFETY ANALYSIS REPORT
FOR THE NAC-UMS STORAGE SYSTEM
DOCKET NO. 72-1015 (TAC NO. L22511)

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DETAILED LISTING OF REVISION 2 CHANGES TO THE SAFETY ANALYSIS REPORT FOR
THE NAC-UMS STORAGE SYSTEM DOCKET NO. 72-1015 (TAC NO. L22511)

1. List of Effective Pages Updated to include Revision 2 pages.
2. Master Table of Contents Updated to include Sections 3.3.1 and 3.3.2.
3. Pages 1.8-1 and 1.8-2 Updated for latest drawing revision numbers.
4. Drawings
 - 790-560 Material specification for Items 38 and 42 corrected to ASTM A193 GR B6.
 - 790-561 Note 3 revised to not coat areas that will be completely covered by concrete. Item 23 minor dimensional corrections to air outlets.
 - 790-562 Material specification for Items 31 and 32 corrected to ASTM A537 CL 2.
 - 790-564 Item 4 weld in Zone B4 changed to 1/8 groove weld to prevent burn-through into the NS-4-FR material.
 - 790-573 Added Note 4 to specify Charpy impact testing of the BWR support disk material.
 - 790-574 Material for Item 1 corrected to be 6061-T651. T6 is not available in a thickness greater than 0.249 inch. The material properties are identical for both T651 and T6.
 - 790-583 Corrected part number for Item 1, SNAP-TITE.
 - 790-584 Added Note 5 to provide canister identification. Corrected part number for Item 2, SNAP-TITE.
 - 790-585 Added depiction of canister identification number on top view of canister.
 - 790-594 Material for Item 1 corrected to be 6061-T651. T6 is not available in a thickness greater than 0.249 inch. The material properties are identical for both T651 and T6.
5. Page 2.3-5 Revised the requirements for visual inspection of the inlets and outlets in Section 2.3.3.2 to be consistent with the Technical Specifications for operability of the VCC Heat Removal System.

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DETAILED LISTING OF REVISION 2 CHANGES TO THE SAFETY ANALYSIS REPORT FOR
THE NAC-UMS STORAGE SYSTEM DOCKET NO. 72-1015 (TAC NO. L22511) (continued)

6. Pages 2.3-12 thru 2.3-15 Updated for latest drawing revision numbers.
7. Page 3.2-1 Corrected the header on the page.
8. Page 3.2-2 and 3.2-3 Revised column headers.
9. Page 3.3-1 Added Section header 3.3.1 for clarity in conjunction with adding Section 3.3.2 on fracture toughness.
10. Pages 3.3-3, -5, -7, -10, -11 Corrected footnote references.
11. Page 3.3-13 Added Section 3.3.2, Fracture Toughness Considerations, for ferritic steel components.
12. Page 3.4.1-5 and 3.4.1-6 Corrected last paragraph to indicate that the BWR support plate is coated with electroless nickel and made coating singular.
13. Page 3.4.3-20 Corrected page to include the equation near the bottom, which was inadvertently omitted in Revision 1.
14. Pages 12-i, 12-ii, 12-1, 12-2, 12A-2, 12A-3, 12A1-1, 12A1-2, 12A1-3, 12A3-25, 12A5-1 through 12A5-5, 12B1-1, 12B1-2, 12B1-3, 12B2-1, 12B2-5, 12B2-7, 12B3-1, 12B3-4, 12B3-5, 12B3-8, 12C3-37

Revised to incorporate the latest Technical Specification format.