

May 8, 2008

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

Attn: Document Control Desk

Subject: Submittal of Nonproprietary Calculations in Support of NAC's Amendment
Request of Certificate of Compliance No. 1015 for the NAC-UMS® Universal
Storage System
(TAC No. L24032), Docket No. 72-1015

- References:
1. Certificate of Compliance No. 1015 for the NAC International Universal Storage System (NAC-UMS®), U.S. Nuclear Regulatory Commission, Amendment 4, October 11, 2005
 2. Final Safety Analysis Report (FSAR) for the UMS® Universal Storage System, Revision 6, NAC International, November 2006
 3. Request for an Amendment of Certificate of Compliance (CoC) No. 1015 for the NAC-UMS® Universal Storage System to Incorporate High Burnup PWR Fuel as Approved Contents and Implement Changes to the Technical Specifications, NAC International, September 22, 2006
 4. Correction of Administrative Errors in Appendix A of Amendment 4 of Certificate of Compliance (CoC) No. 1015 for the NAC-UMS® Universal Storage System, NAC International, May 8, 2007
 5. Request for Additional Information for Review of an Amendment for the Certificate of Compliance No. 1015 for the NAC-UMS® Universal Storage System (Docket 72-1015), U.S. Nuclear Regulatory Commission, May 30, 2007
 6. Response to Request for Additional Information for an Amendment for Certificate of Compliance No. 1015 for the NAC-UMS® Universal Storage System, NAC International, September 6, 2007
 7. Submittal of Supplemental Information to the Response to Request for Additional Information for an Amendment for Certificate of Compliance No. 1015 for the NAC-UMS® Universal Storage System, NAC International, September 26, 2007

NAC International (NAC) herewith submits eight copies of the following nonproprietary NAC calculations in support of NAC's request to amend the Certificate of Compliance (CoC) No. 1015 for the NAC-UMS® Universal Storage System (Reference 3).



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- NAC Calculation No. 71160-2025-NP, Rev. 1, Fuel Assembly Structural Evaluation (Nonproprietary)
- NAC Calculation No. 71160-2026-NP, Rev. 0, Fuel Assembly Structural Evaluation for the Storage End Drop Condition (Nonproprietary)

In order to support a current NAC-UMS[®] cask licensee loading schedule for high burnup fuel, please prepare the draft Amendment 5 CoC and the Safety Evaluation Report for rulemaking in a timely manner.

If you have any comments or questions, please contact me on my direct line at (678) 328-1274.

Sincerely,



Anthony L. Patko
Director, Licensing
Engineering

Enclosures

cc: Glenn Michael (APS)
Keith Waldrop (Duke)
Jim Connell (MY)