

August 16, 2000

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

72-1015  
72-1025  
71-9270

Attn: Mr. Timothy J. McGinty

Subject: Definition of User Need Dates for Approval of NAC International Dual-Purpose Cask Submittals (Docket Nos. 72-1015, 72-1025, 71-9270)

References: 1. Schedule for Review of Dual-Purpose Casework, U.S. Nuclear Regulatory Commission, July 20, 2000  
2. Letter, Intention to respond to USNRC letter, "Schedule for Review of Dual-Purpose Casework," NAC International, August 1, 2000

In accordance with References 1 and 2, NAC International (NAC) is providing herein the list of the current NAC dual-purpose cask and transport cask license application submittals and the planned near-term future applications that are necessary to meet our customers' needs.

As you know, NAC's priorities for the preparation and submittal of license applications are established by the user needs of the various NAC cask systems. Those user needs are often defined by each user's plans for and commitments to a number of stakeholders, including the NRC. Indeed, the NAC cask system users are served by the NRC in a variety of areas, and these users fully anticipate that the NRC will provide the necessary staff resources in a timely manner to support the reasonable need to store and/or transport spent fuel.

With that expectation in mind, NAC is providing, in the enclosed list, the dates for the submittals to the NRC and the identified "need dates," both for NAC and the NRC, provided by each cask system user. Consistent with the NRC's assignment of a separate Project Manager for each of NAC's cask projects, the NAC submittals are listed separately, in Enclosures 1 through 3, for each cask system/project in chronological order of the user "need dates." Thus, the listings can be readily applied in the planning of the NRC staff resources utilization to support the timing of requested NRC actions on NAC spent fuel storage and transportation packaging license applications.

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

Sincerely,



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

Enclosures

cc: C. Jackson (NRC)      D. Tiktinsky (NRC)      B. Holmgren (YAEC)  
M. Meisner (MY)      E. Washer (SWEC)      M. Atkins (YAEC)  
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P. Plante (MY)

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U.S. Nuclear Regulatory Commission  
August 16, 2000

## ENCLOSURE 1

### User Need Dates for Approval of NAC International Dual-Purpose Cask Submittals

#### NAC-MPC Amendments

<u>SUBMITTAL</u>	<u>Submittal Date</u>	<u>User Need Date</u>
1. NAC-MPC Yankee Rowe (Tech Spec Extended Operating Times, Enlarged Corner Tubes)	9/20/00	04/1/01* (CoC)
2. CY-MPC Storage SAR	5/19/00	09/1/01** (CoC)
3. CY-STC Transport SAR	9/15/00	09/1/01** (CoC)

\* Yankee Atomic Electric Company/Duke Engineering & Services @ Yankee Rowe

\*\* Connecticut Yankee Atomic Power Company/Bechtel Corporation @ Connecticut Yankee

U.S. Nuclear Regulatory Commission  
 August 16, 2000

## ENCLOSURE 2

### User Need Dates for Approval of NAC International Dual-Purpose Cask Submittals

<u>SUBMITTAL</u>	<u>Submittal Date</u>	<u>User Need Date</u>
<b><u>NAC-UMS® Storage Amendments</u></b>		
1. UMS Storage (Standard) FSAR	12/2000	90 days* after issuance of Final CoC, Revision 0
2. UMS-MY Storage Suppl. Info. To RAI-2	8/28/00	9/15/00***
3. UMS Storage FSAR Rev.1 (Incl. MY)	9/10/00	9/15/00***
4. UMS Storage FSAR Rev. 2 (Incl. MY and Incorporate Resolution of Public Comments)	3/21/01	4/15/01**
5. UMS (Incl. MY) Storage – Fuel Dispersion Amend.	9/08/00	4/15/01**
<b><u>NAC-UMS® Transport Amendments</u></b>		
1. UMS Transport Response to RAI-2 (If Required)	1/31/01	4/15/01** (Issue CoC, Rev. 0)
2. UMS Transport – Fuel Dispersion Amend.	9/08/00	4/15/01** (CoC)
<b><u>Enhanced NAC-UMS® Storage Amendment</u></b>		
1. Enhanced PWR/BWR Tech Spec Ext. Operations Times	09/00	4/15/01** (CoC)
2. Expanded Fuel Assembly Content Coverage		
3. Enlarged “Corner” fuel tubes		
4. Expanded Fuel Insert “RCCA/CEA” Content Coverage		

\* Code of Federal Regulations, 10 CFR 72  
 \*\* Maine Yankee Atomic Electric Company @ Maine Yankee  
 \*\*\* NRC SFPO Schedule Milestone – Draft CoC and SER

U.S. Nuclear Regulatory Commission  
 August 16, 2000

**ENCLOSURE 2**  
 (continued)

User Need Dates for Approval of NAC International Dual-Purpose Cask Submittals

<u>SUBMITTAL</u>	<u>Submittal Date</u>	<u>User Need Date</u>
<b><u>Enhanced NAC-UMS<sup>®</sup> Transport Amendment</u></b>  1. Expanded Fuel Assembly Content Coverage 2. Enlarged "Corner" fuel tubes 3. Expanded Fuel Insert "RCCA/CEA" Content Coverage	11/00	4/15/01* (CoC)
<b><u>Advanced NAC-UMS<sup>®</sup> Storage Amendment</u></b>  1. New PWR Basket/Canister 2. New BWR Basket/Canister 3. Convective Heat Removal 4. High Burnup Fuel 5. Higher Enriched Fuel 6. VCC Liner Standoff 7. New Neutron absorber designs	12/00	6/01/02** (CoC)
<b><u>Advanced NAC-UMS<sup>®</sup> Transport Amendment</u></b>  1. New PWR Basket/Canister 2. New BWR Basket/Canister 3. Alternate Impact Limiters 4. High Burnup Fuel 5. Higher Enriched Fuel 6. New Neutron absorber designs	02/01	6/01/02** (CoC)

\* Maine Yankee Atomic Electric Company @ Maine Yankee

\*\* Arizona Public Service Company/Duke Power Company/Future Users

U.S. Nuclear Regulatory Commission  
August 16, 2000

### ENCLOSURE 3

User Need Dates for Approval of NAC International Transport Cask Submittals

<u>SUBMITTAL</u>	<u>Submittal Date</u>	<u>User Need Date</u>
<b><u>NAC-LWT Transport Cask Amendments</u></b>		
1. High Burnup Rods Shipment - Drawing Revision for Fabrication Changes	8/20/00	10/00*
2. MEU-MTR Fuel – S. America Shipment (Thickness Tolerances/Loose Damaged Plates/ “Convenience Can”)	8/31/00	10/20/00**
3. Alternate Port Cover	9/08/00	10/20/00***
4. Petten Fuel – Netherlands	11/30/00	02/28/01**
5. General MTR Fuel –Fabrication Tolerances	9/30/00	12/31/00**
6. DIDO Fuel Shipment	1Q01	2Q01**

- \* USNRC NRR
- \*\* U.S. DOE FRR Program
- \*\*\* NAC Design Enhancement