

June 14, 2000

MEMORANDUM TO: Donald A. Cool, Director  
Division of Industrial and Medical  
Nuclear Safety, NMSS

FROM: E. William Brach, Director /S/  
Spent Fuel Project Office, NMSS

SUBJECT: HI-STAR 100 CASK SYSTEM, AMENDMENT 1 RULEMAKING

Attached are copies of proposed Certificate of Compliance No. 1008, Amendment No. 1, and the Preliminary Safety Evaluation Report for the HI-STAR 100 Cask System. We are forwarding these documents to you for inclusion in the proposed rulemaking package for this cask. Copies of these documents are also being distributed to the Public Document Room.

The proposed changes to the certificate (including its appendices) are indicated by the vertical lines on the right margin of the certificate. The changes proposed for Amendment No. 1 include: (1) revisions to limits for previously approved contents; (2) addition of pressurized water reactor Burnable Poison Rod Assemblies and Thimble Plug Devices; (3) addition of two new fuel assembly array/classes; (4) addition of a new damaged fuel container; (5) addition of thorium rods in canisters; (6) addition of antimony-beryllium neutron sources; and (7) clarifications, editorial corrections, and other minor changes.

Attachments: 1. Proposed Certificate of Compliance  
No. 1008, Amendment No. 1  
2. Preliminary Safety Evaluation Report

CONTACT: Marissa Bailey, Project Manager  
SFPO/NMSS  
(301) 415-8531

June 14, 2000

MEMORANDUM TO: Donald A. Cool, Director  
Division of Industrial and Medical  
Nuclear Safety, NMSS

FROM: E. William Brach, Director /S/  
Spent Fuel Project Office, NMSS

SUBJECT: HI-STAR 100 CASK SYSTEM, AMENDMENT 1 RULEMAKING

Attached are copies of proposed Certificate of Compliance No. 1008, Amendment No. 1, and the Preliminary Safety Evaluation Report for the HI-STAR 100 Cask System. We are forwarding these documents to you for inclusion in the proposed rulemaking package for this cask. Copies of these documents are also being distributed to the Public Document Room.

The proposed changes to the certificate (including its appendices) are indicated by the vertical lines on the right margin of the certificate. The changes proposed for Amendment No. 1 include: (1) revisions to limits for previously approved contents; (2) addition of pressurized water reactor Burnable Poison Rod Assemblies and Thimble Plug Devices; (3) addition of two new fuel assembly array/classes; (4) addition of a new damaged fuel container; (5) addition of thorium rods in canisters; (6) addition of antimony-beryllium neutron sources; and (7) clarifications, editorial corrections, and other minor changes.

Attachments: 1. Proposed Certificate of Compliance  
No. 1008, Amendment No. 1  
2. Preliminary Safety Evaluation Report

CONTACT: Marissa Bailey, Project Manager  
SFPO/NMSS  
(301) 415-8531

Distribution: (\*letter only)

NRC File Center PUBLIC SFPO r/f \*NMSS r/f FIYoung

\*ANorris (closes TAC No. L23009, opens TAC No. L23116/review 120s)

C:\IMNS memo fwd SER, CoC.wpd

\*\*SEE PREVIOUS CONCURRENCE

<b>OFC</b>	SFPO	E	SFPO		SFPO		SFPO		SFPO	
<b>NAME</b>	MGBailey**		VLTharpe**		SWhaley**		AGiantelli**		KCLeu**	
<b>DATE</b>	06/ 08/00		06/09/00		06/09/00		06/09/00		06/ /00	
<b>OFC</b>	SFPO		SFPO		SFPO		SFPO		SFPO	
<b>NAME</b>	LKokajko**		JRHall**		MWHodges**		SFShankman		EWBrach	
<b>DATE</b>	06/ 12/00		06/12/00		06/12/00		06/13/00		06/14/00	

C = COVER

E = COVER & ENCLOSURE  
OFFICIAL RECORD COPY

N = NO COPY