

December 21, 2004

MEMORANDUM TO: Mark Delligatti, Chief
Rulemaking & Guidance Branch, Section B
Division of Industrial and Medical
Nuclear Safety, NMSS

FROM: John D. Monninger, Chief /RA/
Licensing Section
Spent Fuel Project Office, NMSS

SUBJECT: HOLTEC INTERNATIONAL HI-STORM 100 CASK SYSTEM,
AMENDMENT 2, RULEMAKING

We have completed our technical reviews of the proposed Certificate of Compliance (CoC) No. 1014, Amendment No. 2 and exemption request from the requirements of 10 CFR 72.236(f), the proposed Technical Specifications (TS), and the preliminary Safety Evaluation Report (SER) for the HI-STORM 100 Cask System. The proposed changes to the CoC, including the TS, are indicated by vertical lines in the margin. The changes proposed for Amendment No. 2 include changes to materials used in construction, changes to the types of fuel that can be loaded, changes to shielding and confinement methodologies and assumptions, revisions to various temperature limits, changes in allowable fuel enrichments, and other changes to reflect current staff guidance and use of industry codes. The exemption proposes allowing use of a supplemental cooling system during transfer operations. We are forwarding these documents to you for inclusion in the proposed rulemaking package for this canister system.

The proposed CoC and TS, and preliminary SER have been placed in ADAMS (see reference below) and are available for your use in the rulemaking package. The Spent Fuel Project Office will designate these documents as Official Agency Records after the Executive Director for Operations has approved the package (ADAMS Package No. ML043640359).

Docket No. 72-1014

ADAMS References: 1. Proposed CoC No. 1014, Amendment 2 (ML043640545)
2. Proposed TS (ML see package)
3. Preliminary SER (ML043640547)

CONTACTS: David Pstrak, SFPO/NMSS
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OFC	SFPO	E	SFPO	E	SFPO		SFPO		SFPO	
NAME	GHornseth*		CWithee*		LCampbell*		GBjorkman*		JMonninger	
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