

April 25, 2007

MEMORANDUM TO: Mark S. Delligatti, Chief
Rulemaking Branch B
Division of Intergovernmental Liaison and Rulemaking, FSME

FROM: Robert A. Nelson, Chief
Licensing Branch **/RA/**
Division of Spent Fuel Storage and Transportation, NMSS

SUBJECT: COMPLETION OF TECHNICAL REVIEWS FOR THE TN-68 DRY
STORAGE CASK, AMENDMENT NO. 1

We have completed our technical reviews of the proposed Certificate of Compliance (CoC) No. 1027, Amendment No. 1, and its corresponding Technical Specifications (TS) for the TN-68 Dry Storage Cask System. The proposed changes to the CoC (including the TS) are indicated by vertical lines on the right margin. The changes proposed for Amendment No. 1 are discussed in the staff's Safety Evaluation Report (SER).

TN requested approval of several changes to the CoC and Technical Specifications, which included increasing the allowable fuel burnup, minimum cooling times, decay heat, and fuel enrichment. The amendment also requested to include damaged fuel as authorized contents of the cask and to reduce the cask spacing on the storage pad. The SER addresses only those changes made to the previously approved design.

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 Division of Spent Fuel Storage and Transportation will designate these documents as Official Agency Records after the Executive Director for Operations has approved the package.

Docket No. 72-1027
TAC No. L23802

ADAMS Reference: Accession No. ML071170621

CONTACT: Jose R. Cuadrado, SFST/NMSS
(301) 415-1309

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Distribution:

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*see previous concurrences

OFC	SFST	E	SFST	E	SFST	E	SFST	E	SFST	E
NAME	JCuadrado		MDeBose		BWhite		JSmith		CBajwa	
DATE	03/21/07		03/27/07		04/03/07		04/04/07		04/02/07	
	SFST		SFST		SFST		SFST	E	SFST	
	BTripathi		CIterrante		RParkhill		LCampbell		MWaters	
DATE	04/03/07		04/04/07		04/12/07		07/09/07		04/23/07	
	SFST		SFST							
	GBjorkman		RNelson							
DATE	04/12/07		04/25/07							

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