

December 27, 2004

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

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

SUBJECT: COMPLETION OF TECHNICAL REVIEWS FOR THE STANDARDIZED  
ADVANCED NUHOMS® STORAGE SYSTEM, AMENDMENT 1

We have completed our technical reviews of the proposed Certificate of Compliance (CoC) No. 1029, Amendment No. 1, and its corresponding Technical Specifications (TS) for the Standardized Advanced NUHOMS® Storage 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 to add the NUHOMS® 24PT4 dry shielded canister (DSC) to the Standardized Advanced NUHOMS® System. This canister is designed to accommodate 24 intact Pressurized Water Reactor (PWR) fuel assemblies with or without integral burnable poison rods or integral fuel burnable absorber (IFBA) rods, or up to 12 damaged fuel assemblies in lieu of an equal number of intact assemblies. It is designed for use with the existing Advanced NUHOMS® Horizontal Storage Module (AHSM) and transfer in the NUHOMS® OS197H transfer cask (TC), with a maximum heat load of 24kW. The SER addresses only those changes from 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 Spent Fuel Project Office will designate these documents as Official Agency Records after the Executive Director for Operations has approved the package.

Docket No. 72-1029  
TAC No. L23606

ADAMS Reference: Accession No. ML

CONTACT: Jose R. Cuadrado, SFPO/NMSS  
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