

September 3, 2003

MEMORANDUM TO: William D. Travers  
Executive Director for Operations

FROM: Charles L. Miller, Director  
Division of Industrial and **/RAI/**  
Medical Nuclear Safety, NMSS

SUBJECT: DIRECT FINAL RULE TO AMEND 10 CFR 72.214 LIST OF  
APPROVED SPENT FUEL STORAGE CASKS  
(NUHOMS®-24PHB), AMENDMENT 6

Attached for your signature is a direct final rule along with the companion proposed rule (Attachments 1 and 2) amending U.S. Nuclear Regulatory Commission regulations, by revising the cask system listing for the Transnuclear, Inc., Standardized NUHOMS® Horizontal Modular Storage System (Standardized NUHOMS® System). Amendment No. 6 will add the NUHOMS®-24PHB cask design to the Standardized NUHOMS® System. The NUHOMS®-24PHB cask will store high burnup Babcock & Wilcox 15x15 spent fuel assemblies with an average burnup of up to 55,000 megawatt-days/metric ton of uranium, enrichment equal to 4.5 weight percent uranium-235, a maximum decay heat load of 1.3 kilowatt (kW) per assembly, and a maximum heat load of 24 kW per cask. This amendment is considered to be noncontroversial because it only amends a previously approved cask system. Therefore, we are using the direct final rule approach to simplify the process and to shorten the time before the rule becomes effective.

Notices: Notice that the Executive Director for Operations has signed the Federal Register notices is provided for inclusion in the "Notice of Final Rule Signed by EDO" and the "Weekly Report to the Commission" (Attachments 3 and 4). The "Approved for Publication," the Environmental Assessment, and the Small Business Regulatory Enforcement Fairness Act forms can be found in, respectively, Attachments 5 through 7 of this paper. The appropriate Congressional committees will be notified.

CONTACTS: Margaret Stambaugh, NMSS/IMNS  
(301) 415-5449

Ray Wharton, NMSS/SFPO  
(301) 415-1396

Resources: No additional resources will be needed to implement this rule, unless we receive significant adverse comments on the proposed rule.

Coordination: The Office of Administration concurs with this amendment. The Office of the General Counsel has no legal objection.

Attachments:

1. FRN for Direct Final Rule
2. FRN for Proposed Rule
3. "Notice of Final Rule Signed by the EDO"
4. "Weekly Report to the Commission"
5. "Approved for Publication"
6. Environmental Assessment
7. SBREFA Forms

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