

May 5, 2005

MEMORANDUM TO: Luis A. Reyes
Executive Director for Operations

FROM: Scott W. Moore, Chief
Rulemaking and Guidance Branch
Division of Industrial and **/RA/**
Medical Nuclear Safety, NMSS

SUBJECT: DIRECT FINAL RULE TO AMEND 10 CFR 72.214 LIST OF
APPROVED SPENT FUEL STORAGE CASKS (STANDARDIZED
NUHOMS[®]-24P, -52B, -61BT, -32PT, -24PHB, and -24PTH
REVISION, AMENDMENT 8)

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[®] System. This amendment will modify the cask design by adding a new spent fuel storage and transfer system, designated the NUHOMS[®]-24PTH System. The NUHOMS[®]-24PTH System consists of new or modified components: (1) the -24PTH dry shielded canister (DSC); (2) a new -24PTH DSC basket design; (3) a modified horizontal storage module (HSM), designated the HSM-H; and (4) a modified transfer cask (TC), designated the OS 197FC TC. The NUHOMS[®]-24PTH System is designed to store fuel with: (1) maximum average burnup of up to 62 gigawatts-day/metric ton of uranium; (2) maximum average initial enrichment of 5.0 weight percent; (3) minimum cooling time of 3.0 years; and (4) maximum heat load of 40.8 kilowatts per DSC. 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: Attachment 3 (“EDO Daily Note”) documents that the Executive Director for Operations (EDO) intends to sign the two Federal Register notices. Attachment 4 (“Notice of Final Rule Signed by the EDO”) and Attachment 5 (“Weekly Report to the Commission”) each document that the EDO has signed the two Federal Register notices. The “Approved for Publication,” the Environmental Assessment, and the Small Business Regulatory Enforcement Fairness Act forms can be found in, respectively, Attachments 6 through 8 of this paper. The appropriate Congressional committees will be notified.

CONTACTS: Jayne M. McCausland, NMSS/IMNS
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David W. Pstrak, NMSS/SFPO
(301) 415-8486

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. "EDO Daily Note"
4. "Notice of Final Rule Signed by the EDO"
5. "Weekly Report to the Commission"
6. "Approved for Publication"
7. Environmental Assessment
8. SBREFA Forms

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*See previous concurrences.

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