

May 11, 2000

MEMORANDUM TO: Donald A. Cool, Director  
Division of Industrial and Medical  
Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

FROM: E. William Brach, Director  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: REQUEST FOR RULEMAKING TO AMEND CERTIFICATE OF  
COMPLIANCE NO. 1008 FOR THE HI-STAR 100 CASK  
SYSTEM

I am requesting that the Division of Industrial and Medical Nuclear Safety (IMNS) complete the rulemaking actions necessary to amend Certificate of Compliance (CoC) No. 1008 for the Holtec International HI-STAR 100 cask system. On November 24, 1999, Holtec submitted an application and associated Safety Analysis Report (SAR) to amend CoC No. 1008 to: 1) permit the storage of burnable poison rod assemblies (BPRAs) and reactor neutron startup sources within spent fuel assemblies, 2) permit the storage of an additional type of damaged fuel container, and 3) revise some cask design drawings to incorporate minor changes (i.e., optimizations) that were identified by Holtec during fabrication of the first HI-STAR 100 casks. In addition, staff would also revise the text in 10 CFR 72.214 on the HI-STAR cask design in two areas. First, the title of the safety analysis report the HI-STAR 100 cask design would be changed to add the word "final" to be consistent with the recently issued 10 CFR 72.248. Second, 10 CFR 72.214 text for the HI-STAR 100 cask design would change "certification expiration date" to "certificate expiration date" to standardize the regulation for this CoC with other recently issued CoCs. Proposed language revising 10 CFR 72.214 and Federal Register notice supporting information are attached.

We are reviewing the associated SAR in accordance with 10 CFR 72.246 and have concluded that issuance of Amendment No. 1 is warranted. We will provide a proposed Amendment No. 1 to CoC No. 1008 and preliminary Safety Evaluation Report to IMNS by June 15, 2000, for your inclusion in the proposed rule package. I am requesting that this amendment be issued via the direct final rulemaking process. The schedule for this rulemaking should be consistent with the generic schedule for CoC rulemakings previously discussed between our staffs.

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D. Cool

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For billing purposes, I am requesting that IMNS obtain a TAC number under PA Code 221AHA for recording staff time expended on this rulemaking. Please provide this information and your schedule for completing this rulemaking to Spent Fuel Project Office within 21 days from the date of this memorandum.

Docket No. 72-1008

Attachment: Information for Federal Register Notice



For billing purposes, I am requesting that IMNS obtain a TAC number under PA Code 221AHA for recording staff time expended on this rulemaking. Please provide this information and your schedule for completing this rulemaking to Spent Fuel Project Office within 21 days from the date of this memorandum.

Docket No. 72-1008

Attachment: Information for Federal Register Notice

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\*See previous concurrence

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