

June 16, 1999

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 10 CFR 72.214 TO
 SUPPORT ISSUANCE OF CERTIFICATE OF COMPLIANCE NO.
 1014 FOR THE HI-STORM 100 CASK SYSTEM

I am requesting that the Division of Industrial and Medical Nuclear Safety (IMNS) complete the actions necessary to amend 10 CFR 72.214 (list of approved spent fuel storage cask designs) to add Certificate of Compliance (CoC) No. 1014 for the Holtec HI-STORM 100 cask system. On October 26, 1995, Holtec submitted an application for approval of the HI-STORM 100 storage cask design under Part 72. Proposed language to amend § 72.214, including Federal Register Notice supporting information, is attached.

We are reviewing the Safety Analysis Report in accordance with the provisions of Part 72 and conclude that the issuance of CoC No. 1014 is warranted. We will provide the proposed CoC and preliminary Safety Evaluation Report to IMNS by July 30, 1999, for inclusion in the proposed rulemaking package. I am requesting that the timetable for this rulemaking be consistent with the generic schedule for CoC rulemakings previously discussed by our staffs.

I understand that time spent on rulemaking for the HI-STORM 100 should be charged to TAC No. L21218. Please provide your schedule for completing this rulemaking to the Spent Fuel Project Office (SFPO) within 21 days from the date of this memorandum.

Docket No.: 72-1014

Attachment: As stated

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Proposed Language

1. In 10 CFR 72.214, add new Certificate of Compliance (CoC) No. 1014 to read as follows:

Certificate Number: 1014

SAR Submitted by: Holtec International

SAR Title: Final Safety Analysis Report for the HI-STORM 100 Storage Cask System

Docket Number: 72-1014

Certificate Expiration Date: [insert 20 years from the effective date of the final rule]

Model Number: HI-STORM 100

2. Purpose of Amendment

This amendment would add CoC No. 1014 to the list of Part 72 approved cask designs. The HI-STORM 100 is a storage cask design. The primary component is a steel multi-purpose canister (MPC), a concrete filled steel overpack used during storage, and a transfer cask used during on-site movement of the MPC. The HI-STORM cask system can contain 24 PWR or 68 BWR spent fuel assemblies.