



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 15, 2016

MEMORANDUM TO: Sheena Whaley, Chief
Rulemaking and Project Management Branch
Division of Materials Safety, States, Tribal, and Rulemaking
Office of Nuclear Material Safety
and Safeguards

FROM: John Goshen, Project Manager /RA J. McKirgan for/
Spent Fuel Licensing Branch
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

SUBJECT: USER NEED FOR RULEMAKING FOR THE HOLTEC HI-STORM UMAX
CANISTER STORAGE SYSTEM, AMENDMENT NO. 2

The following information is being provided to request rulemaking support for the following Spent Fuel Management (SFM) 10 CFR Part 72 licensing activity:

1. Changes to 10 CFR 72.214 rule text (changes appear in bold):

Certificate Number: 1040

Initial Certificate Effective Date: April 6, 2015

Amendment No. 2, Effective Date: [insert 75 days from date of FR publication]

SARs Submitted by: Holtec International

SAR Titles: Final Safety Analysis Report on the HI-STORM FW System
Final Safety Analysis Report on the HI-STORM UMAX Canister Storage System

Docket Number: 72-1040

Certificate Expiration Date: April 6, 2035

Model Numbers: MPC-37, MPC-89

By letter dated March 31, 2015, as supplemented June 19, and November 30, 2015, Holtec International (Holtec) submitted an application to the U.S. Nuclear Regulatory Commission to amend the HI-STORM Underground Maximum (UMAX) Canister Storage System, Certificate of Compliance (CoC) No. 1040 under 10 CFR Part 72 Subpart K, General License for Storage of Spent Fuel at Power Reactor Sites. Amendment No. 2 seeks to:

- a. Add new fuel types to the HI-STORM UMAX Canister Storage System, and
- b. Update an existing fuel type description.

CONTACT: John Goshen, SFLB/DSFM/NMSS
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- c. Update CoC Appendix B, Table 3-4 to reflect correct terminology.
 - d. Editorial changes to CoC Appendix B to clarify the description of the top surface pad (TSP).
2. The proposed CoC and Technical Specifications (TS), and preliminary safety evaluation report (SER) have been placed in ADAMS (see references below) and are available for your use in the rulemaking package. DSFM will designate these documents as Official Agency Records after the Executive Director for Operations has approved the package (ADAMS Package No. ML16035A394).

The Office of the General Counsel has reviewed this memorandum with its referenced documents on July 13, 2016 and has no legal objection to its contents.

Docket No. 72-1040
TAC NO. L25007

ADAMS References: 1. Proposed CoC No. 1040 A2, (ML16035A416)
2. Proposed CoC No. 1040, A2, TS Appendix A (ML16039A113)
3. Proposed CoC No. 1040, A2, Appendix B (ML16039A115)
4. CoC 1040 A2 Draft Preliminary SER (ML16039A156)

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 - 4. CoC 1040 A2 Draft Preliminary SER (ML16039A156)

File Location: G:\SFST\HI-STORM UMAX\Amendment 2\ Rulemaking\CoC 1040 A2 User Need.docx
 Proposed CoC 1040 A2.doc
 Proposed CoC 1040 A2 App A.pdf
 Proposed CoC 1040 A2 App B.pdf
 CoC 1040 A2 Preliminary SER.doc

ADAMS Package No.: ML16035A394

OFC	SFM	SFM	SFM	SFM	OGC	SFM
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DATE	2/4/2016	3/18/2016	2/24 /2016	2/23/2016	7/14/2016	5/2/2016
OFC	SFM	SFM	SFM			
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DATE	5/4 /2016	7/15/2016				

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