



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

October 13, 2022

MEMORANDUM TO: Jill Shepherd, Chief
Materials Rulemaking
and Project Management Branch
Division of Rulemaking, Environmental, and Financial Support
Office of Nuclear Material Safety
and Safeguards

FROM: Yoira K. Diaz Sanabria, Chief
Storage and Transportation Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in black ink, appearing to read "Yoira K. Diaz Sanabria".

Signed by Diaz-Sanabria,
on 10/13/22

SUBJECT: USER NEED FOR RULEMAKING FOR THE HOLTEC HI-STORM
FLOOD/WIND MULTIPURPOSE CANISTER STORAGE SYSTEM,
AMENDMENT NO. 6

The purpose of this communication is to request support for rulemaking activities in the Division of Fuel Management (DFM) for the following Title 10 of the *Code of Federal Regulations* (10 CFR) Part 72 licensing action:

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

Certificate Number: 1032.

Initial Certificate Effective Date: June 13, 2011, superseded by Amendment Number 0, Revision 1, on April 25, 2016.

* * *

Amendment Number 6 Effective Date: [insert 75 days from date of *Federal Register* publication].

SARs Submitted by: Holtec International, Inc.

SAR Title: Final Safety Analysis Report for the HI-STORM FW System.

Docket Number: 72-1032.

Certificate Expiration Date: June 12, 2031.

Model Numbers: HI-STORM FW MPC-32ML, MPC-37, and MPC-89.

CONTACT: Norma Garcia Santos, NMSS/DFM
(301) 415-6999

2. By letter dated October 2, 2019¹ [Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML19282C357], and supplemented on June 30, 2020 (ML20182A860), December 21, 2020 (ML20356A328), August 2, 2021 (ML21214A130), and November 29, 2021 (ML21333A137), Holtec International (Holtec) submitted an application in accordance with 10 CFR Part 72 for an amendment to Certificate of Compliance (CoC) No. 1032 for the HI-STORM Flood/Wind (FW) Multipurpose Canister (MPC) Storage System. Amendment No. 6 revises the certificate and technical specifications as follows:
 - 1) Add anchored configuration for the HI-STORM FW overpack;
 - 2) Allow use of non-single failure proof lifting equipment during handling of heavy loads within the 10 CFR Part 72 jurisdictional boundary;
 - 3) Revise LCO 3.1.2, "SFSC Heat Removal System Operability," to allow an engineering evaluation to be performed in lieu of transferring the MPC into a transfer cask;
 - 4) Revise the Radioactive Effluent Control Program to no longer require annual submittal of a separate radioactive effluent report [10 CFR 72.44(d)(3)] for the HI-STORM FW system;
 - 5) Revise the allowable contents for the MPC-37, -89, and -32ML to clarify that fuel debris permitted for storage does not need to meet all of the dimensional requirements and characteristics in tables 2.1-2 and 2.1-3, provided that requirements in table 2.1-1 are met;
 - 6) Revise the MPC-37, -89, and -32ML basket Design Features to clarify that the minimum cell ID and minimum cell wall thickness are nominal dimensions; and
 - 7) Additional clarifications and editorial and minor changes that do not change the substantive technical information of the CoC.
3. The proposed CoC, CoC appendix A—Technical Specifications, CoC appendix B—Approved Contents and Design Features, and preliminary safety evaluation report (SER) have been placed in ADAMS (see references below) and are available for your use in the rulemaking package. DFM will designate these documents as Official Agency Records after the Executive Director for Operations has approved the package (ML22145A313).

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

DOCKET No.: 72-1032
CAC No.: 001028
EPID: L-2019-LLA-0231

ADAMS References:

1. Proposed CoC 1032 Amendment No. 6 (ML22145A408)
2. Proposed CoC 1032 Amendment No. 6 Appendix A (ML22145A409)
3. Proposed CoC 1032 Amendment No. 6 Appendix B (ML22145A410)
4. CoC 1032 Amendment No. 6 Preliminary SER (ML22145A411)

User Need Memorandum for Rulemaking for the Holtec HI-STORM Flood/Wind Multipurpose Canister Storage System, Amendment No. 6 DATE October 14, 2022

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ADAMS Accession No.: ML22145A313; Ltr ML22145A407

* via email

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