



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

December 19, 2022

MEMORANDUM TO: Jill Shepherd, Chief
Materials Rulemaking
and Project Management Branch
Division of Rulemaking
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

SUBJECT: CORRECTED USER NEED FOR RULEMAKING FOR
AMENDMENT NO. 17 TO HI-STORM 100 SYSTEM

A handwritten signature in black ink, appearing to read "Nishka Devasher".

Devasher, Nishka signing on
behalf of Diaz-Sanabria, Yoira
on 12/19/22

The purpose of this communication is to provide supplemental information and correct an erroneous date in support of 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):

Initial Certificate Effective Date: May 31, 2000, superseded by Renewed Initial Certificate, on [TBD– estimate March 2023].
Amendment Number 1 Effective Date: July 15, 2002, superseded by Renewed Amendment Number 1, on [TBD– Estimate March 2023].
Amendment Number 2 Effective Date: June 7, 2005, superseded by Renewed Amendment Number 2, on [TBD– Estimate March 2023].
Amendment Number 3 Effective Date: May 29, 2007, superseded by Renewed Amendment Number 3, on [TBD– Estimate March 2023].
Amendment Number 4 Effective Date: January 8, 2008, superseded by Renewed Amendment Number 4, on [TBD– Estimate March 2023].
Amendment Number 5 Effective Date: July 14, 2008, superseded by Renewed Amendment Number 5, on [TBD– Estimate March 2023].
Amendment Number 6 Effective Date: August 17, 2009, superseded by Renewed Amendment Number 6, on [TBD– Estimate March 2023].
Amendment Number 7 Effective Date: December 28, 2009, superseded by Renewed Amendment Number 7, on [TBD– Estimate March 2023].
Amendment Number 8 Effective Date: May 2, 2012, as corrected on November 16, 2012 (ADAMS Accession No. ML12213A170); superseded by Amendment Number 8, Revision 1, Effective Date: February 16, 2016, superseded by Renewed Amendment Number 8, Revision 1, on [TBD– Estimate March 2023].
Amendment Number 8, Revision 1, Effective Date: February 16, 2016, superseded by Renewed Amendment Number 8, Revision 1, on [TBD– Estimate March 2023].

CONTACT: Chris Allen, NMSS/DFM
(301) 415-6877

Amendment Number 9 Effective Date: March 11, 2014, superseded by Amendment Number 9, Revision 1, on March 21, 2016, superseded by Renewed Amendment Number 9, Revision 1, on [TBD– Estimate March 2023].

Amendment Number 9, Revision 1, Effective Date: March 21, 2016, as corrected (ADAMS Accession No. ML17236A451), superseded by Renewed Amendment Number 9, Revision 1, on [TBD– Estimate March 2023].

Amendment Number 10 Effective Date: May 31, 2016, as corrected (ADAMS Accession No. ML17236A452), superseded by Renewed Amendment Number 10, on [TBD– Estimate March 2023].

Amendment Number 11 Effective Date: February 25, 2019, as corrected (ADAMS Accession No. ML19343B024), superseded by Renewed Amendment Number 11, on [TBD– Estimate March 2023].

Amendment Number 12 Effective Date: February 25, 2019, as corrected on May 30, 2019 (ADAMS Accession No. ML19109A111); further corrected December 23, 2019 (ADAMS Accession No. ML19343A908), superseded by Renewed Amendment Number 12, on [TBD– Estimate March 2023].

Amendment Number 13 Effective Date: May 13, 2019, as corrected on May 30, 2019 (ADAMS Accession No. ML19109A122); further corrected December 23, 2019 (ADAMS Accession No. ML19343B156), superseded by Renewed Amendment Number 13, on [TBD– Estimate March 2023].

Amendment Number 14 Effective Date: December 17, 2019, as corrected (ADAMS Accession No. ML19343B287), superseded by Renewed Amendment Number 14, on [TBD– Estimate March 2023].

Amendment Number 15 Effective Date: June 14, 2021, superseded by Renewed Amendment Number 15, on [TBD– Estimate March 2023].

Amendment Number 16 [Reserved]

Amendment Number 17 Effective Date: [insert 75 days from date of FR publication]

Safety Analysis Report (SAR) Submitted by: Holtec International.

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

Docket Number: 72-1014.

Renewed Certificate Expiration Date: May 31, 2060.

Model Number: HI-STORM 100 Storage System.

2. Use the following text for the purpose and scope of the amendment:

On July 30, 2021, Holtec International (the applicant) submitted an application to amend the HI-STORM 100 System. The amendment includes the following changes:

- a. update the HI-STORM 100 system description in the CoC to clearly indicate that only the portions of the components that contact the pool water need to be made of stainless steel or aluminum; and
 - b. other changes to incorporate minor editorial and formatting changes.
3. The proposed CoC, TS, and preliminary safety evaluation report (PSER) 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 (ADAMS Package No. ML22175A078).

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

Docket No. 72-1014

CAC No. 001028

EPID: L-2021-LLA-0140

ADAMS References:

1. Proposed CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A085)
2. Proposed TS, Appendix A, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A079)
3. Proposed TS, Appendix B, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A080)
4. Proposed TS, Appendix C, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A081)
5. Proposed TS, Appendix D, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A082)
6. Proposed TS, Appendix A-100U, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A083)
7. Proposed TS, Appendix B-100U, CoC No. 1014, Amendment 17 (ADAMS Accession No. ML22175A084)
8. Preliminary SER (ADAMS Accession No. ML22175A086)

Corrected User Need for Rulemaking for Amendment No. 17 To HI-STORM 100 System DATE December 19, 2022

DISTRIBUTION:

ADAMS Accession No.: Memo ML22313A038

OFFICE	NMSS/DFM/STLB	NMSS/DFM/STLB	NMSS/DFM/STLB	
NAME	WAllen	WAWheatley	WWDiaz-Sanabria NDevaser for	ND
DATE	Dec 19, 2022	Dec 19, 2022	Dec 19, 2022	

OFFICIAL RECORD COPY