



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

March 12, 2019

MEMORANDUM TO: Cindy Bladey, Chief
Regulatory Analysis and Rulemaking Support Branch
Division of Rulemaking
Office of Nuclear Material Safety
And Safeguards

FROM: Vanessa Cox */RA/*
Materials Rulemaking and Project Management Branch
Division of Rulemaking
Office of Nuclear Material Safety
And Safeguards

SUBJECT: REGULATORY HISTORY INDEX – HOLTEC INTERNATIONAL
HI-STORM 100 MULTIPURPOSE CANISTER STORAGE SYSTEM
CERTIFICATE OF COMPLIANCE NO. 1014, AMENDMENT
NOS. 11 and 12 (RIN 3150-AK18) (PART 72)

Enclosed is the regulatory history index of those documents of central relevance to the subject rulemaking. The ADAMS Accession number is provided for each document or package. The rulemaking amended the regulations to clarify a requirement pertaining to items relied on for safety. The title of the direct final rules was "List of Approved Spent Fuel Storage Casks: Holtec International HI-STORM Flood/Wind Multipurpose Canister Storage System International HI-STORM 100 Multipurpose Canister Cask System, Certificate of Compliance No. 1014, Amendment Nos 11 and 12 published in the *Federal Register* on December 12, 2018 (83 FR 63794).

Enclosure: Regulatory History Index

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SUBJECT: REGULATORY HISTORY: LIST OF APPROVED SPENT FUEL STORAGE CASKS:
HOLTEC INTERNATIONAL HI-STORM 100 MULTIPURPOSE CANISTER CASK
SYSTEM, CERTIFICATE OF COMPLIANCE NO. 1014, AMENDMENT NOS. 11 and 12
(RIN 3150-AK18; NRC-2018-0221)

ML19071A294

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DATE	3/12/19

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Regulatory History

**Holtec International HI-STORM 100 Multipurpose Canister Cask System
Certificate of Compliance No. 1014, Amendment Nos. 11 and 12**

Accession Number	Author Name	Availability	Document Date	Document Title	Official Record?
ML16029A529	R. Ngwayah	Publicly Available	1/29/16	Holtec International - HI-STORM 100 Multipurpose Canister Storage System Amendment Request 1014-11.	Yes
ML16029A530		Publicly Available	1/29/16	Holtec International - Attachment 1, LAR 1014-11, Revision 0, Summary of Proposed Changes.	Yes
ML16029A531		Publicly Available	1/29/16	Holtec International - Attachment 2, Certification of Compliance for Spent Fuel Storage Casks.	Yes
ML16029A532		Publicly Available	1/29/16	Holtec International - Attachment 3, Certificate of Compliance No. 1014, Appendix A, Technical Specifications for the HI-STORM 100 Cask Systems.	Yes
ML16029A533		Publicly Available	1/29/16	Holtec International - Attachment 4, Certificate of Compliance No. 1014, Appendix B, Approved Contents and Design Features for the HI-STORM 100 Cask System.	Yes
ML16029A534		Publicly Available	1/29/16	Holtec International - Attachment 5, HI-STORM 100 FSAR Proposed Changed Pages, HI-2002444, Proposed Revision 13.	Yes
ML16069A246	R. Ngwayah	Publicly Available	2/16/2016	Letter from Holtec International to NRC, "Supporting Information for License Amendment Request 11 (1014-11) to the HI-STORM 100 CoC" dated February 16, 2016. (This letter contains five enclosures, and Enclosures 1 through 4 are proprietary information and not publicly available.)	No
ML16113A394	K. Manzione	Publicly Available	4/22/2016	Modification to Requested Changes on HI-STORM 100 Amendment 11 Request.	Yes

ML16159A344	R. Ngwayah	Publicly Available	6/6/2016	Transmittal of RSI Responses Supporting HI-STORM 100 LAR 1014-11.	
ML16169A353	K. Manzione	Publicly Available	6/14/16	Holtec International HI-STORM 100 Multipurpose Canister Storage System Amendment Request 1014-12.	Yes
ML16169A354	K. Manzione	Publicly Available	6/14/16	Attachment 1 to Holtec Letter 5014811; LAR 1014-12, Revision 0 Summary of Proposed Changes.	Yes
ML16169A355	K. Manzione	Publicly Available	6/14/16	Attachment 2: Marked-Up of Certificate of Compliance for Spent Fuel Storage Casks.	Yes
ML16169A356	K. Manzione	Publicly Available	6/14/16	Attachment 3: Proposed Certificate of Compliance 1014 Amendment 12 Appendix A.	Yes
ML16169A357	K. Manzione	Publicly Available	6/14/16	Attachment 4: Proposed Certificate of Compliance 1014 Amendment 12 Appendix B.	Yes
ML16169A358	K. Manzione	Publicly Available	6/14/16	Attachment 5: HI-STORM 100 FSAR Proposed Changed Pages.	Yes
ML16210A130	K. Manzione	Publicly Available	7/22/16	Holtec International HI-STORM 100 Multipurpose Canister Storage System Amendment Request 1014-12 Supporting Calculation Packages.	Yes
ML16210A131	K. Manzione	Non-Publicly Available	7/22/16	Holtec International: Attachment 1 - Thermal Calculation Package HI-2043317R26, Appendix P.	Yes
ML16210A132	K. Manzione	Non-Publicly Available	7/22/16	Holtec International: Attachment 2 - Structural Calculation Package HI-2012787R24, Supplements 55 and 65.	Yes
ML16210A134	K. Manzione	Non-Publicly Available	7/22/16	Holtec International: Attachment 3 - Shielding Calculation Package HI-2012702r13, Appendix JJ.	Yes
ML16210A135	K. Manzione	Publicly Available	7/22/16	Holtec International: Attachment 4 - Affidavit.	Yes
ML16313A201	K. Manzione	Publicly Available	11/4/16	HI-STORM 100 Amendment 12 Responses to Requests for Supplemental Information.	Yes
ML16313A203		Non-Publicly Available	11/4/16	Holtec International Position Paper DS-213, Revision 3, "Acceptable Flaw Size in MPC Lid-to-Shell Welds."	Yes

ML17005A236	R. Ngwayah	Publicly Available	12/22/2016	Holtec International - Responses to Requests for Additional Information Regarding HI-STORM 100 License Amendment Request 1014-11.	Yes
ML17251A739		Publicly Available/ Non-Publicly Available	8/25/17	Letter from Holtec International to NRC, "Submittal of Responses to NRC's Requests Additional Information for HI-STORM 100 License Amendment Request 1014-12" dated August 25, 2017. (This package contains 13 attachments, and Attachments 1, 5, 7, 8, 9, 10, 11, and 12 are proprietary information and not publicly available.)	Yes
ML17261A159		Publicly Available/ Non-Publicly Available	9/8/17	Letter from Holtec International to NRC, "Submittal of Responses to NRC's 2nd Round Requests Additional Information for HI-STORM 100 License Amendment Request 1014-11" dated September 8, 2017. (This package contains seven attachments, and Attachments 1, 5, and 6 are proprietary information and not publicly available.)	Yes
ML17325A555		Publicly Available/ Non-Publicly Available	11/10/17	Letter from Holtec International to NRC, "Submittal of Supplemental Information on NRC's Requests for Additional Information for HI-STORM 100 License Amendment Request 1014-11" dated November 10, 2017. (This package contains nine attachments, and Attachments 1, 6, 7, and 8 are proprietary information and not publicly available.)	Yes
ML17326A175	K. Manzione	Publicly Available	11/10/17	Submittal of Supplemental Information on NRC's RAIs for HI-STORM 100 LAR 1014-12.	Yes
ML17333A679		Non-Publicly Available	11/10/17	Attachment 1: Supplemental Information for HI-STORM 100 Amendment 12.	Yes
ML17333A680		Publicly Available	11/10/17	Attachment 2: Supplemental Information for HI-STORM 100 Amendment 12.	Yes
ML17333A681		Publicly Available	11/10/17	Attachment 3: Proposed Changes to CoC 1014 Amendment 12 Appendix A.	Yes
ML17333A685		Publicly Available	11/10/17	Attachment 4: Proposed Changes to CoC 1014 Amendment 12 Appendix B.	Yes
ML17333A686		Publicly Available	11/10/17	Attachment 5: HI-STORM 100 FSAR Proposed Changed Pages Amendment 12, Rev. 14C.	Yes

ML17362A110	K. Manzione	Publicly Available	12/21/17	Holtec International - Submittal of Revised Supplemental Information on NRC's RAls for HI-STORM 100 LAR 1014-11.	Yes
ML17362A111		Publicly Available	12/21/17	Attachment 1: Proposed changes to CoC 1014 Amendment 11.	Yes
ML17362A112		Publicly Available	12/21/17	Attachment 2: HI-STORM 100 FSAR Proposed Changed Pages (Proposed Rev. 13.D).	Yes
ML17362A131	K. Manzione	Publicly Available	12/22/17	5014834 - Submittal of Revised Supplemental Information on NRC's RAls for HI-STORM 100 LAR 1014-12.	Yes
ML17362A132		Publicly Available	12/22/17	5014834 Attachment 1 - Proposed Changes to HI-STORM 100 CoC Amd 12.	Yes
ML17362A134		Publicly Available	12/22/17	5014834 Attachment 2 - Proposed Changes to HI-STORM 100 FSAR Amd 12.	Yes
ML18141A568	J. McKirgan	Publicly Available	9/6/2018	Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11.	Yes
ML18141A561	J. McKirgan	Publicly Available	12/12/18	Enclosure 1: Proposed CoC 1014 Amendment 11 CoC [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes
ML18141A562	J. McKirgan	Publicly Available	12/12/18	Enclosure 2: Proposed CoC 1014 Amendment 11 Appendix A [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes
ML18141A563	J. McKirgan	Publicly Available	12/12/18	Enclosure 3: Proposed CoC 1014 Amendment 11 Appendix B [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes
ML18141A564	J. McKirgan	Publicly Available	12/12/18	Enclosure 4: Proposed CoC 1014 Amendment 11 Appendix A-100U [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes

ML18141A565	J. McKirgan	Publicly Available	12/12/18	Enclosure 5: Proposed CoC 1014 Amendment 11 Appendix B-100U [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes
ML18141A567	J. McKirgan	Publicly Available	11/28/18	Enclosure 6: Preliminary CoC 1014 Amendment 11 SER [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec HI-STORM 100 Cask System, Amendment No. 11]	Yes
ML18087A056	J. McKirgan	Publicly Available	5/25/2018	Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12.	Yes
ML18087A057	J. McKirgan	Publicly Available	12/12/18	Enclosure 1: Proposed CoC 1014 Amendment 12 CoC: [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes
ML18087A058	J. McKirgan	Publicly Available	12/12/18	Enclosure 2: Proposed CoC 1014 Amendment 12 Appendix A: [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes
ML18087A059	J. McKirgan	Publicly Available	12/12/18	Enclosure 3: Proposed CoC 1014 Amendment 12 Appendix B: [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes
ML18087A060	J. McKirgan	Publicly Available	12/12/18	Enclosure 4: Proposed CoC 1014 Amendment 12 Appendix A:-100U [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes
ML18087A061	J. McKirgan	Publicly Available	12/12/18	Enclosure 5: Proposed CoC 1014 Amendment 12 Appendix B:-100U [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes

ML18087A062	J. McKirgan	Publicly Available	11/28/18	Enclosure 6: Preliminary CoC 1014 Amendment 12 SER [Memorandum to K. Morgan-Butler re: User Need for Rulemaking for the Holtec Hi-Storm 100 Cask System, Amendment No. 12].	Yes
ML18279A001	M. Doane	Publicly Available	11/29/18	Enclosure 2: Companion Proposed Rule - HI-STORM 100 CoC No. 1014, Amendments 11 and 12.	Yes
ML18279A002	M. Doane	Publicly Available	11/29/18	Enclosure 1: Direct Final Rule - HI-STORM 100 CoC No. 1014, Amendments 11 and 12.	Yes
ML18283A104		Non-Publicly Available		EDO Transmittal Memo - HI-STORM 100 CoC No. 1014, Amendments 11 and 12	No
ML18283A105		Non-Publicly Available	11/29/18	Enclosure 3: Notice of Final Rule Signed by EDO - HI-STORM 100 CoC No. 1014, Amendments 11 and 12	No
ML18283A089		Publicly Available		Congressional Letters – HI-STORM 100 CoC 1014, Amendment 11 and 12.	No
ML19015A275	C. Bladey	Publicly Available	2/12/2019	Confirmation FRN - CoC No. 1014, Amendments 11 and 12.	Yes
ML19071A294	Vanessa Cox	Publicly Available	3/12/2019	Regulatory History	Yes