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June 23, 2006

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Reference: 1. USNRC Docket No. 72-1014 (HI-STORM 100)
 2. Holtec Project 5014
 3. Holtec Letter 5014587, dated February 18, 2006
 4. Holtec Letter 5014595, dated April 30, 2006

Subject: **Submittal of License Amendment Request #5 to HI-STORM 100 CoC**

Dear Sir:

We are pleased to submit a request to amend the Certificate of Compliance for the HI-STORM 100 System (CoC 72-1014). This amendment request enhances the HI-STORM 100 System by adding site specific options for Indian Point Unit 1. Specifically, the HI-STORM 100S Version B, MPC-32, and HI-TRAC 100D have been shortened to accommodate site specific restrictions. A summary of the proposed changes, with detailed references to both the CoC and the HI-STORM 100 System FSAR, is attached. Given the client's need to move the fuel assemblies into dry cask storage and the small number of proposed changes in this license amendment request, we request an expedited review by the SFPO. It is our hope that the review and approval process for this focused amendment could be completed by March 2007.

We note that license amendment requests #3 and #4 to the HI-STORM CoC (References 3 and 4) are currently undergoing review by the SFPO. We have ensured that the changes requested in amendment #5 do not rely upon the changes requested in amendments #3 or #4. It should, therefore, be possible for the SFPO to review these amendment requests independently and in parallel.

Both the proposed CoC sections and the proposed revised FSAR sections are based on the latest official revisions of these documents (CoC Amendment 2 and FSAR Revision 4) and not on the proposed changed documents for amendments #3 or #4.

The following attachments are provided in electronic (Adobe PDF) format on the CD-ROM that accompanies this letter:

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Attachment 1: Summary of Proposed Changes

Attachment 2: Proposed CoC Sections in Markup Format – Deletions are shown in strikeout and insertions are shown in italics. Only changed portions of the CoC are included.

Attachment 3: Proposed Revised FSAR Sections – Deletions are shown in strikeout and insertions are shown in italics. Only changed portions of the FSAR are included. Information on the Indian Point Unit 1 specific enhancements are compiled in supplements to each chapter, each numbered as xx.II where xx is the chapter that is supplemented.

We appreciate the SFPO's attention to this application.

Sincerely,

Everett Redmond II, Ph.D.
Project Manager, LAR 1014-5

Approved:

Stefan Anton, Dr.-Ing.
Licensing Manager

cc: Mr. Christopher Regan, NRC