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October 5, 2006  
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Reference: USNRC Docket No. 71-9261 (HI-STAR 100)  
USNRC Docket No. 72-27 (Humboldt Bay ISFSI FSAR)

Holtec Project 5014

Subject: Submittal of License Amendment Request 9261-5 to HI-STAR 100 Certificate of Compliance

Dear Sir:

Holtec International herewith submits License Amendment Request (LAR) 9261-5 proposing certain changes to the HI-STAR 100 System 10 CFR 71 Certificate of Compliance (CoC) Number 9261, Revision 4 and its supporting Safety Analysis Report (SAR). The main focus of this LAR is to add the HI-STAR 100 System designed for use at Humboldt Bay to the CoC. Additional supporting changes are proposed, such as incorporating Metamic as an approved neutron absorber and updating the cask identification to B(U)F-96 in accordance with 10CFR71.19(e).

The baseline document for this LAR is the currently approved CoC Amendment 4, and the corresponding SAR Rev. 11. CoC Amendment 5 and SAR Revision 12 are currently under NRC review (LAR 9261-3) and approval is expected shortly. The changes in this LAR are marked as "Proposed Rev. 13" and prior to approval of this LAR, the changes will be reconciled with the SAR Rev. 12. Note the changes in SAR Rev. 12 and this LAR are principally independent; i.e. they are distinct changes and do not rely on each other.

Only changed sections, drawings and figures are provided in this LAR, as outlined below. To facilitate the staff's review, a summary of changes contemplated in this amendment request is in Attachment 1. This summary document gives a listing of the proposed changes to the CoC and SAR, as well as a reason and a justification for the changes. Additionally, a detailed list of licensing drawing changes is in Attachment 2.

The following attachments are provided:  
Attachment 1: Summary of Proposed Changes.

Document ID: 5014605

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Attachment 2: Licensing Drawing Changes

Attachment 3: Proposed CoC Changes. All text changes are marked by vertical bars in the right margin, additions are in italics and deletions in strikeout.

Attachment 4: Proposed Revised SAR Sections. Only changed sections are provided and are labeled as "Proposed Rev 13" in the footer. All text changes are marked by vertical bars in the right margin, additions are in italics and deletions in strikeout. The following sections are provided:

List of Effective Pages

Chapter 1: 1.0, 1.1, 1.2, 1.3, 1.4 (including drawings), 1.5, 1.6, 1.I  
Chapter 2: 2.1, 2.3, 2.4, 2.6, 2.7, 2.I  
Chapter 3: 3.1, 3.2, 3.3, 3.4, 3.6, 3.7, 3.I  
Chapter 4: 4.0, 4.1, 4.2, 4.3, 4.4, 4.I  
Chapter 5: 5.1, 5.2, 5.3, 5.4, 5.5, 5.I  
Chapter 6: 6.1, 6.2, 6.3, 6.4, 6.I  
Chapter 7: 7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.I  
Chapter 8: 8.0, 8.1, 8.2, 8.3, 8.I

We request an expedited review of this application in light of its relevance to transfer of Humboldt Bay fuel from the spent fuel pool to dry storage.

We appreciate the SFPO's attention to this application.

Sincerely,

Tammy Morin  
Project Manager, LAR 9261-5

Approved:

Stefan Anton, Dr.-Ing.  
Licensing Manager

cc: Mr. Meraj Rahimi, NRC  
Holtec Groups 1, 2 and 4 (w/o attachments)  
HUG Main and Licensing Committees (w/o attachments)

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