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May 23, 2003

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

Subject: USNRC Docket No. 71-9261, TAC L23474
HI-STAR 100 Certificate of Compliance 9261
HI-STAR License Amendment Request 9261-2, Revision 1
Response to Request for Additional Information

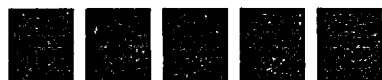
References: 1. Holtec Project 5014
2. USNRC Letter, Meraj Rahimi, to Holtec, B. Gutherman, "Request for Additional Information – Holtec HI-STAR 100 Amendment – Certificate of Compliance No. 9261", dated February 25, 2003.

Dear Sir:

We herewith provide Part 1 of the response to the NRC's Request for Additional Information (RAI) on our May 31, 2002 License Amendment Request (LAR) for HI-STAR 100 10 CFR 71 Certificate of Compliance (CoC) Number 9261. As discussed previously with our NRC project manager, responses to all non-burnup credit-related questions are provided, along with the associated modifications to the proposed CoC changes. We note that while the covers of the enclosed binders indicate "Proprietary Version," no proprietary information is contained in the package at this time. The Part 2 responses to the RAI, pertaining to the burnup credit-related questions, are currently being developed and are scheduled to be provided by July 3, 2003 as a supplement to LAR Revision 1 submittal, along with appropriate inserts to the LAR package. The Part 2 response will include proprietary information for insertion into the binders and a full non-proprietary version of the submittal will be provided at that time. Calculation packages are being provided under separate cover.

With this Part 1 submittal, we are requesting that the NRC split their review of the burnup credit information and the balance of the changes requested for approval in the LAR. We request issuance of the amendment to the CoC for all changes except for the addition of the MPC-32 canister in accordance with the originally published schedule of August, 2003. This split amendment approach will allow Holtec to support the decommissioning schedule of Portland General Electric (PGE) at the Trojan plant by gaining transportation approval of the Trojan MPC-24E/EF canister and contents. An August approval will allow PGE to decommission their spent fuel pool on schedule, and in accordance with their agreements with the State of Oregon. PGE is currently loading their spent fuel into Holtec MPC-24E/EF canisters and deploying them at their ISFSI under site-specific 10 CFR 72 license SNM-2509.

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The enclosed submittal package is organized as follows:

Attachment 1: Response to RAIs. This attachment re-states each question and provides a response after each question. Attachment 1 also includes attachments and figures located after the questions and answers that are part of the RAI response. Responses to RAI Questions 7-5 and 6-16 through 6-41 are related to the burnup credit methodology and burnup measurements, and will be provided in a supplement to this LAR package.

Attachment 2: Summary of Proposed Changes. This document has been appropriately revised to reflect modifications to the submittal made in response to the NRC's RAI and a small number of additional minor changes (see discussion below). Discussion of MPC-32 remains in this document in anticipation of the upcoming supplement to the LAR.

Attachment 3: Mark-up of proposed CoC changes. Reference to MPC-32 has been removed from the CoC markup.

Attachment 4: Final version of proposed CoC changes. Reference to MPC-32 has been removed from the revised CoC

Attachment 5: Revised drawings. The MPC-32 basket drawing is included for completeness.

Attachment 6: Proposed SAR changes. If there was any change to a Proposed Revision 10 SAR Section, the entire section is provided with "Proposed Revision 10A" in the footer. New appendices and revised or new figures are identified similarly. The current revision level of each SAR page and figure is provided in an updated List of Effective Pages. An updated Table of Contents is also provided. All changes proposed against SAR Revision 9 are identified.

The SAR still contains information pertaining to MPC-32, except for that information which describes the burnup credit methodology in Chapter 6. Chapter 1 has been revised to include a statement that, while the SAR includes some information regarding MPC-32, that MPC model is not currently certified for transportation.

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Finally, this revised submittal contains a small number of minor changes to the CoC, drawings, and SAR not previously included in the LAR. These changes were identified after the original submittal of the amendment request in May, 2002. These changes have been added to the revised Summary of Proposed Changes (Attachment 2 of the LAR package).

We thank the SFPO for their continued diligent work on this amendment request, which is focused on reducing the overall radiation exposure to plant workers and the public from dry spent fuel storage and transportation activities, primarily through the use of MPC-32. If you have any questions or require additional information, please contact the undersigned.

Sincerely,

Approved:

Brian Gutherman, P.E.
Licensing Manager

K.P. Singh, Ph.D, P.E.
President and CEO

Attachments: 1-6, As Stated.

Document ID: 5014483

Distribution: Mr. Meraj Rahimi, USNRC (7 hard copies and 2 CDs, including attachments)
NRC Document Control Desk (Original cover letter and one CD, including attachments)

emcc: Mr. E.W. Brach (cover letter only)
Mr. Larry Camper, USNRC (cover letter only)
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