HOLTEC INTERNATIONAL

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SENT BY E-MAIL ONLY

August 6, 2009

US Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Reply to EA-09-190 - Interim Corrective Action

Dear Sir or Madam:

Thank you for your letter of today that provides NRC's direction in the matter of helium leak testing of MPC weldment manufactured to ASME Section III Class 1 pursuant to the HI-STORM 100 FSAR. Holtec will respond with the appropriate corrective action work product within the time specified in your letter. At this time, however, as an interim corrective action, we need NRC's formal response to an urgent situation that pertains to the matter of a canister that is in the process of being loaded.

Holtec represents that:

1. The total heat load in the canister is less than 20 kW.

2. The calculated peak fuel cladding temperature under normal conditions of storage is well below 400 deg C at all times during the system's storage even if a leak rate that is two orders of magnitude above the "leak tight" value is used.

3. Using the site specific conditions (large distance to site boundary and site specific dispersion factors) and a technically sound calculational method, the 72.104 site boundary dose limit will be satisfied without any difficulty.

The details of the above has been submitted to our users in the form of a revised §72.48 evaluation (#762 R2). We should also inform you that all HUG members follow their process of reviewing our §72.48 evaluation before acting on them.

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As follow-on to our conference call of this morning, we would appreciate a written comment on the regulatory compliance of our technical position presented above.

We would appreciate an immediate response.

Sincerely,

Ms. Tammy Morin
Licensing Manager
Holtec International

emcc: Mr. David W. Pstrak, Chief, Rules, Inspection and Operations Branch, SFST, NMSS
Mr. Raymond Lorson, Deputy Director, Technical Review Directorate, SFST, NMSS
Mr. Nader Mamish, Deputy Director, Licensing and Inspection Directorate, SFST, NMSS
Mr. John Goshen, Project Manager, Licensing and Inspection Directorate, SFST, NMSS
HUG
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