

Attachment 1 to Holtec Letter 5014929

Amendment Request 1014-17

SUMMARY OF PROPOSED CHANGES

All changes to the CoC and FSAR are marked in the subsequent attachments. Changes that have occurred as part of prior applications are not marked as changes. No changes are proposed to CoC Appendices.

Proposed Change #1

Update the description of the HI-STORM 100 system in the CoC to clearly indicate that only the portions of the components that come into contact with the pool water need to be made of stainless steel or aluminum.

Reason for Proposed Change #1

The current description in the CoC states that “All MPC components that may come into contact with spent fuel pool water or the ambient environment are made entirely of stainless steel or passivated aluminum/aluminum alloys such as the neutron absorbers.” While it is important that all portions of the components that come into contact with the pool water be made of stainless steel or aluminum, the remaining sections can be made from different material (e.g. carbon steel).

Justification for Proposed Change #1

When the statement quoted above was introduced into the CoC in Amendment 5, the associated NRC SER Section 1.1.1 noted that “All MPC components that may come into contact with spent fuel pool water or the ambient environment, with the exception of neutron absorber, aluminum seals on vent and drain port caps, and optional aluminum heat conduction elements in early-vintage MPCs, are constructed of stainless steel.” The term “entirely” was not used in this statement. In this SER Section, the word “entirely” is only used in relation to confinement boundary components being made entirely of stainless steel. No changes to the CoC description statement specific to confinement boundary components is proposed in this LAR.

It may also be useful to note that a similar change was proposed for the description of the Holtec HI-STORM FW system in CoC-1032 Proposed Amendment 7 submittal as an editorial change.

Editorial Changes:

Minor editorial changes were also made to the CoC.