100U RAI 3-2

Provide information regarding the capability of the external coating of the CEC to maintain its intended function in the area of the flexible joint with the surrounding concrete. Differential movement between the CEC and concrete could abrade the coating and expose the CEC shell. Subsequent moisture intrusion could corrode this area of the CEC shell.

Section 1.I.2.1 describes that all external surfaces of the VVM are coated with an appropriate surface preservative that is identified in Reference 3.I.10 as a polymide-epoxy. The acceptance criteria for the coating identified in Section 3.I.4.1.i does not directly address the ability of the coating to withstand abrasive conditions. The structural integrity of the CEC shell is necessary to ensure compliance with 10CFR 72.230(a) and 10CFR 72.236(g).

HOLTEC RESPONSE:

The HI-STORM 100U Licensing Drawing (4501) has been revised to incorporate an expansion joint between the CEC container shell and the VVM Interface Pad. The expansion joint is required at ISFSI's where potential for macro-slippage between the VVM Interface Pad and the CEC Container Shell exists, otherwise it is an optional feature. The expansion joint may be RODAFOAM II (TAMMS INC.) or other suitable type.