



CONVERSATION RECORD

NAME OF PERSON(S)/TITLE CONTACTED OR IN CONTACT WITH YOU See attendee list	DATE OF CONTACT 07/24/2019	TYPE OF CONVERSATION <input type="checkbox"/> E-MAIL <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input type="checkbox"/> OUTGOING
E-MAIL ADDRESS	TELEPHONE NUMBER	
ORGANIZATION Holtec International	DOCKET NUMBER(S) 72-1014	
LICENSE NAME AND NUMBER(S) Holtec International	MAIL CONTROL NUMBER(S)	

SUBJECT
Discuss NRC's request for supplemental information (RSI) for HI-STORM 100 Amendment No. 15, specifically RSI 6-1(e).

SUMMARY AND ACTION REQUIRED (IF ANY)
Holtec attendees: Stefan Antoine, Vadym Makodym, Kimberly Manzione, and Peter Stefanovic.
NRC attendees: Yen-Ju Chen and Veronica Wilson.

The NRC issued the RSI (ML19182A060) on July 9, 2019. Holtec needs clarification on RSI 6-1(e), and this conference call was scheduled to discuss it.

RSI 6-1(e): The staff asked for a detailed discussion of the procedure that Holtec used to determine the maximum dose and dose rates for the regionalized loading patterns for MPC-32M.

Holtec noted that the procedure is described in FSAR Section 5.II.1. Holtec has a 2-step process in calculating dose rates where it calculates dose rate contribution per particle for each location and burnup/enrichment/cooling time (BECT) combination. The design basis BECT combinations considered for MPC-32M are shown in Table 5.II.2.5 of the FSAR. To ensure the maximum dose rate is calculated, it evaluates the dose rate for each BECT in Table 5.II.2.5 corresponding to the maximum decay heat for each zone within the 5-region loading pattern. To reduce the number of calculations some regions are combined and the BECTs from the higher decay heat from the 2 regions are used. Region 2 is bounded by Region 1, so Regions 1 and 2 are combined. Region 4 is bounded by Region 3, so Regions 3 and 4 are combined.

Action: Holtec will clarify the FSAR documentation based on the discussion in the conference call.

NAME OF PERSON DOCUMENTING CONVERSATION
Yen-Ju Chen

SIGNATURE 	DATE OF SIGNATURE July 31, 2019
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