



CONVERSATION RECORD

NAME OF PERSON(S)/TITLE CONTACTED OR IN CONTACT WITH YOU  See attendee list	DATE OF CONTACT  03/07/2019	TYPE OF CONVERSATION	
E-MAIL ADDRESS	TELEPHONE NUMBER	<input type="checkbox"/> E-MAIL	
		<input checked="" type="checkbox"/> TELEPHONE	<input type="checkbox"/> INCOMING <input type="checkbox"/> OUTGOING
ORGANIZATION  Holtec International	DOCKET NUMBER(S)  72-1032		
LICENSE NAME AND NUMBER(S)  Holtec International	MAIL CONTROL NUMBER(S)		

**SUBJECT**  
Discuss Holtec's proposed approach in response to NRC's second round of request for additional information (RAI) for HI-STORM Flood/Wind Amendment No. 4.

**SUMMARY AND ACTION REQUIRED (IF ANY)**

Holtec attendees: Stefan Anton, Behrooz Khorsandi, Royston Ngwayah, and Joyce Tomlinson.

NRC attendees: Ilka Berrios, Yen-Ju Chen, Eliezer Goldfeiz, Zhian Li, Travis Tate, and Veronica Wilson.

Stefan described Holtec's understanding of NRC's RAI regarding fuel qualification that the full range of permitted combination of burnup, initial enrichment, and cooling time should be evaluated to establish bounding dose rate. Holtec first looked at cooling time as a function of burnup. Holtec used an arbitrary curve which defines the design basis--by walking along the curve, one would determine the bounding dose rate. Holtec initially chose four points on the curve to perform dose rate analysis. **Action (1): To demonstrate that Holtec is finding the bounding dose rate from the curve, it plans to provide additional data points, as well as the limit for using this equation.**

Holtec did not want to complicate the equation, thus did not include enrichments in the equation. Instead, Holtec used DOE's Nuclear Fuel Data Survey to identify typical enrichments for different burnup ranges, and chose an enrichment that would be bounding 99% of the time. **Action (2): Holtec will provide additional information on how it obtained these minimum enrichments and determine they are bounding 99% of the time.**

**(Con't on Page 2)**

NAME OF PERSON DOCUMENTING CONVERSATION  Yen-Ju Chen	
SIGNATURE  	DATE OF SIGNATURE  March 13, 2019

CONVERSATION RECORD (continued)

LICENSE NAME AND NUMBER(S)

MAIL CONTROL NUMBER(S)

Holtec International

SUMMARY AND ACTION REQUIRED (IF ANY) (Continued)

Zhian noted that DOE has an updated data survey (2013) and that Holtec should use the most up-to-date data. Veronica also noted that there is very little data to support enrichments selected for higher burnup (> 55, 70 MWd/mtU). **Action (3): Holtec will use 2013 data to identify the typical enrichments, and will look into a strategy to justify enrichments for higher burnup fuel assemblies not supported by data.**

A public meeting is scheduled on March 19, 2019 where Holtec will formally present its approach/concept in addressing the fuel qualification questions. **Actions: (4) Based on the conference call discussion, Holtec will provide an updated approach in the week of March 11, 2019. (5) By noon, March 18, Holtec will provide the handouts/presentation slides for the public meeting.**