

NRC FORM 699  
(9-2003)

U.S. NUCLEAR REGULATORY COMMISSION

DATE

05/22/2007

## CONVERSATION RECORD

TIME

2:00pm

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Stefan Anton, Indresh Rampall, Debu Majumdar

TELEPHONE NO.

856-797-0900

TYPE OF CONVERSATION

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ORGANIZATION

Holtec International

SUBJECT

License Amendment Request - HI-STORM 100 Amendment Request Thermal items

SUMMARY (Continue on Page 2)

NRC Attendees: Christopher Regan, Michael Waters

NRC called Holtec International to request clarification of several analyses performed by Holtec. The clarifications included:

- 1) Which combination of heat load and burnup rely on use of the Supplemental Cooling System (SCS) to maintain temperatures below limits?
- 2) Which combination of heat load and burnup rely on convective heat transfer in the HI-TRAC water jacket and where can the staff locate \*specifically\* in the FSAR where this is stated?
- 3) Does the heat transfer correlation used when modeling the HI-TRAC water jacket suggest a laminar or turbulent flow regime?
- 4) Does the heat balance for the vacuum drying calculation validate the results?
- 5) Has Holtec considered use of the Discrete Ordinate (DO) heat transfer model instead of the Discrete Transfer Radiation Model (DTRM)?

Holtec agreed to respond to the staffs queries by 5/23/07.

Continue on Page 2

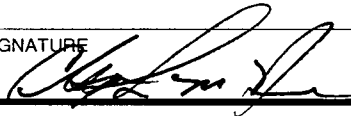
ACTION REQUIRED

None

NAME OF PERSON DOCUMENTING CONVERSATION

C. Regan

SIGNATURE



DATE

05/23/2007

ACTION TAKEN

None

TITLE OF PERSON TAKING ACTION

SIGNATURE OF PERSON TAKING ACTION

DATE