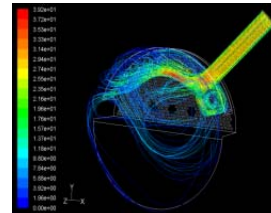
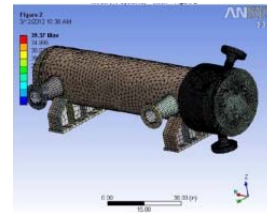
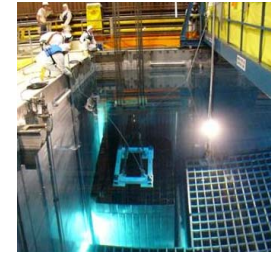


## Holtec International – HI-STORE RAIs – Chapters 3, 6, 7, and 9



## Chapter 3 RAIs

### ■ RAI 3-2

- ✔ NRC requests personnel actions for excessive contamination
- ✔ Holtec will update SAR chapter to provide description of decontamination activities

### ■ RAI 3-3

- ✔ NRC needs justification on canister lid surveys representing the entire canister
- ✔ Holtec's response provides information on why the lid is expected to have more contamination than any other locations

## Chapter 6 RAIs

- RAI 6-1 is proprietary – in summary – Holtec will provide the requested analysis
- RAI 6-2
  - ✔ NRC requests justification related to the pressure and temperature of the canisters under monthly average temperature
  - ✔ Holtec will provide revised temperature and pressure induced stresses
- RAI 6-5
  - ✔ NRC requests clarification on use of approved methodology for operational limit
  - ✔ Holtec will clarify SAR language accordingly

## Chapter 6 RAIs

### ■ RAI 6-7

- ✓ NRC requests information on removal of outlet vents during HI-TRAC use
- ✓ Holtec will clarify the SAR to indicate the need for a temporary screen

### ■ RAI 6-8

- ✓ NRC needs information on time limits for vent blockage
- ✓ Holtec will update the SAR to address these time limits

### ■ RAI 6-9

- ✓ NRC requests clarification on safety classification of temperature monitoring equipment throughout the SAR
- ✓ Holtec will revise other portions of the SAR for consistency

## Chapter 6 RAIs

### ■ RAI 6-11

- ✓ NRC requests clarifications to the SAR and Tech Specs to give appropriate headings and descriptions
- ✓ Holtec will clarify SAR and Tech Specs accordingly

### ■ RAI 6-12

- ✓ NRC requests a maximum ambient temperature for operations
- ✓ Holtec will update the SAR accordingly

### ■ RAI 6-18 – RAI is proprietary, but in brief, Holtec will provide requested analysis

## Chapter 6 RAIs

### ■ RAI 6-19

- ✓ NRC requests assumptions related to CTB collapse
- ✓ Holtec will update thermal chapter based on updated structural building qualification

### ■ RAI 6-21

- ✓ NRC needs further details on reduced concrete density after transfer cask accident
- ✓ Holtec will provide the requested technical justification

### ■ RAI 6-25

- ✓ NRC requests justification for Unconditionally Safe Threshold concept
- ✓ Holtec will update SAR to remove UST

## Chapter 6 RAIs

### ■ RAI 6-26

- ✓ NRC requests clarification of transportation cask condition after building collapse
- ✓ Holtec will update SAR based on updated structural analysis

### ■ RAI 6-28

- ✓ NRC needs clarification of the time limits for air flow blockage while MPC is in the HI-TRAC
- ✓ Holtec will update the notes to reference appropriate analyses

### ■ RAI 6-32

- ✓ NRC requests demonstration that thermal stresses have been appropriately addressed
- ✓ Holtec will provide supporting analyses for demonstration

### ■ RAI 6-34

- ✓ NRC requests clarification on rod rupture pressure increase impact on heat transfer
- ✓ Holtec will update SAR

## Chapter 7 RAIs

### ■ RAI 7-13

- ✓ NRC requests updated Technical Specifications based on the HI-STAR 190
- ✓ Holtec will update Tech Specs to incorporate HI-STAR 190 information

### ■ RAI 7-14

- ✓ NRC needs clarification on closure lid and dose rate locations
- ✓ Holtec response will clarify that the lid configuration is the same, additional description will be added to the SAR

### ■ RAI 7-15 – Proprietary RAI, Holtec will provide requested information



## Chapter 7 RAIs

### ■ RAI 7-16

- ✓ RAI requests Holtec Calculation
- ✓ Holtec will provide with RAI responses

### ■ RAI 7-18

- ✓ RAI asks for more information related to the methodology and material properties used in C-14 generation calculation
- ✓ Holtec response will provide explanation

### ■ RAI 7-19

- ✓ NRC requests justification for the air activation and definition of proximity of dose location
- ✓ Holtec response will provide the requested justification and clarification

## Chapter 9 RAIs

### ■ RAI 9-3

- ✓ NRC needs clarification on on-site operations prior to receipt inspection
- ✓ Holtec response will clarify that confinement is not challenged prior to receipt inspection

### ■ RAI 9-6

- ✓ NRC requests updated materials license based on response to RAI 9-6
- ✓ Holtec will provide with RAI responses