

NRR-PMDAPEm Resource

From: Paige, Jason
Sent: Thursday, May 19, 2011 4:32 PM
To: Abbatiello, Tom
Cc: Tiemann, Philip; 'Abbott, Liz'; Hoffman, Jack
Subject: Turkey Point EPU - Fire Protection (AFPB) Request for Additional Information - Round 2

Tom,

Below are follow-up requests for additional information (RAIs) regarding the Turkey Point extended power uprate license amendment request. AFPB-2.1 and AFPB-2.2 are follow-up RAIs to your February 22, 2011, RAI responses to questions AFPB-1.4 and AFPB-1.5, respectively. On May 19, 2011, you stated that a call is not needed to discuss the draft RAIs sent to you via email. The below RAIs reflect the questions that were sent to you and agreed upon by Florida Power & Light Company (FPL). FPL agreed upon providing its responses within 30 days of the date of this email. If you have any questions, feel free to contact me.

- AFPB-2.1 It appears that the original program allowed 15 minutes to isolate the PORV line from the remote shutdown panel. If the PORV and block valve open upon control room evacuation, typically, irrecoverable conditions will occur within about 5 minutes. It is not clear that the 5 minute time is at the beginning of the event or if it's a new operator manual action to open the breaker (i.e., addition of a new step in the control room to isolate the PORV/block valve in the control room prior to evacuation). The NRC staff requests the licensee to provide the actual time for the operator to perform the necessary actions, including the anticipated "time margin" between when the actions are completed and when any thermal-hydraulic constraints are likely to be reached.
- AFPB-2.2 As stated in your letter dated February 22, 2011, "However, during off-normal or emergency conditions, Turkey Point Units 3 and 4 does use fire water for make up to the Condensate Storage Tank, Refueling Water Storage Tank, Containment, and Spent Fuel Pools. Procedural guidance is provided to ensure the fire system remains capable of responding to a fire if applicable. Provisions for using fire water for off-normal or emergency evolutions are not changed as a result of EPU." Explain the capabilities of the fire water if a fire event occurs during off-normal or emergency conditions? Can the fire protection hydraulic demands (fire suppression system water flow demands) be met?

Hearing Identifier: NRR_PMDA
Email Number: 39

Mail Envelope Properties (Jason.Paige@nrc.gov20110519163100)

Subject: Turkey Point EPU - Fire Protection (AFPB) Request for Additional Information - Round 2
Sent Date: 5/19/2011 4:31:59 PM
Received Date: 5/19/2011 4:31:00 PM
From: Paige, Jason

Created By: Jason.Paige@nrc.gov

Recipients:

"Tiemann, Philip" <Philip.Tiemann@fpl.com>
Tracking Status: None
"Abbott, Liz" <Liz.Abbott@fpl.com>
Tracking Status: None
"Hoffman, Jack" <Jack.Hoffman@fpl.com>
Tracking Status: None
"Abbatiello, Tom" <Tom.Abbatiello@fpl.com>
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	2153	5/19/2011 4:31:00 PM

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received: