

NRR-PMDAPEm Resource

From: Regner, Lisa
Sent: Thursday, July 16, 2015 10:47 AM
To: Sterling, Lance (lsterling@STPEGS.COM)
Cc: Kistler, Marilyn; Watford, Margaret
Subject: NRC question: SouthTexas- RPV CL Relief
Attachments: SouthTexas-1 RAI-2 ENG-3-17 MF6174 N-770-1 RPV CL.docx

Importance: High

Lance, Marilyn,

The staff has one more question on the relief. I believe it's pretty straightforward, but let me know if you need a call. Maggie will set up a call if needed.

Thanks,

Lisa

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Subject: NRC question: SouthTexas- RPV CL Relief
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From: Regner, Lisa

Created By: Lisa.Regner@nrc.gov

Recipients:

"Kistler, Marilyn" <mkkistler@STPEGS.COM>

Tracking Status: None

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Tracking Status: None

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Tracking Status: None

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Options

Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
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REQUEST FOR ADDITIONAL INFORMATION
RELIEF REQUEST RR-ENG-3-17 REGARDING DEFERRAL OF INSERVICE INSPECTION OF
REACTOR PRESSURE VESSEL COLD LEG NOZZLE DISSIMILAR METAL BUTT WELDS
STP NUCLEAR OPERATING COMPANY
SOUTH TEXAS PROJECT, UNIT 1
DOCKET NUMBER 50-498

By letter dated April 24, 2015 (ADAMS Number ML15133A130), STP Nuclear Operating Company (the licensee) requested relief from requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (B&PV Code) for the volumetric examination of the reactor pressure vessel (RPV) cold leg nozzle dissimilar metal (DM) butt welds at the South Texas Project (South Texas), Unit 1.

To complete its review, the NRC staff requests the following additional information.

1. In order for the NRC staff to perform a confirmatory flaw evaluation, provide the following information for the RPV cold leg DM welds under consideration.
 - a. Provide normal operating pressure that the South Texas, Unit 2, RPV cold leg DM welds are exposed to.

The NRC staff notes that Table 3-2 in Attachment 1 of relief request RR-ENG-3-17 shows the RPV inlet nozzle piping loads.

- b. Do the maximum pipe break loads given in Table 3-2 include the pressure loads. If the provided maximum pipe break loads did not include pressure loads, then provide the pressure loads.
 - c. Do the safe shutdown earthquake (SSE) loads given in Table 3-2 include both the SSE inertia loads and the SSE seismic anchor movement (SAM) loads. If the provided SSE loads did not include SSE inertia loads and SSE SAM loads, then provide SSE inertia loads and SSE SAM loads.