

(PA - LR)

From: "Ellis, Douglas" <dellis1@entergy.com>
To: "Ram Subbaratnam" <RXS2@nrc.gov>
Date: 8/10/2006 12:10:29 PM
Subject: FW: Requested Pilgrim ISI Information

Doug Ellis, Pilgrim Licensing.

-----Original Message-----

From: PNP616_DoNotReply@entergy.com
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Sent: Thursday, August 10, 2006 6:41 AM
To: Ellis, Douglas
Subject: Scan from a Xerox WorkCentre Pro

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Subject: FW: Requested Pilgrim ISI Information
Creation Date 8/10/2006 12:10:11 PM
From: "Ellis, Douglas" <dellis1@entergy.com>

Created By: dellis1@entergy.com

Recipients

nrc.gov
TWGWPO02.HQGWDO01
RXS2 (Ram Subbaratnam)

Post Office

TWGWPO02.HQGWDO01

Route

nrc.gov

| Files | Size | Date & Time |
|--------------|-------------|------------------------|
| MESSAGE | 589 | 8/10/2006 12:10:11 PM |
| Scan001.TIF | 66434 | |
| Mime.822 | 1 | |

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
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Junk Mail Handling Evaluation Results

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As we understand the question, the NRC wants to know about future inspection plans for N10 and N2F. Here it is:

- Both nozzles are inspected in accordance with the schedule requirements of BWRVIP-75A and GL88-01; this inspection schedule will continue into the period of extended operation.
- The PNPS IGSCC program, while described in the PNPS ISI Program, is documented in a separate document, PNP-RPT-05-008.
- The N10 nozzle safe end weld (a Category D weld prior to Oct. '03) received a weld overlay in October 2003 to repair a through-wall leak. Accordingly, it is now classified as a Category E weld under VIP-75A and GL88-01 rules. It will be examined within the next 3 refueling outages (RFO) of the repair (in RFO17), then it will revert to the Category E VIP-75A frequency of 25% of all overlaid welds every 10 years. PNPS has only 2 weld overlays; either N10 or N9A will be examined every 10 years, including during the period of extended operation.
- The N2F nozzle safe end weld is classified as a Category D weld with Hydrogen Water Chemistry protection under BWRVIP-75A. This weld was last examined in RFO15 when a mid-wall, non-ID connected fabrication flaw was found. This flaw was determined to not be the result of IGSCC or any other service-related mechanism but was instead a welding anomaly (mid-wall lack of fusion) that occurred when the safe end was replaced in 1984. The EPRI PDI analyst performing an on-site 3RD party review of RFO15 exam results agreed with this conclusion. This weld is scheduled to be re-examined by UT next outage in RFO16 ('07) to confirm the original conclusion that IGSCC was not present and that no growth has occurred. After the RFO16 exam, the weld will continue to be examined once every 10 years in accordance with the Category D requirements of VIP-75A, taking credit for Hydrogen Water Chemistry, including during the period of extended operation.