

NRR-PMDAPEm Resource

From: Lisa.Schofield@exeloncorp.com
Sent: Monday, September 26, 2011 2:47 PM
To: Mahoney, Michael
Cc: DiFrancesco, Nicholas; jay.smith@exeloncorp.com; David.Gullott@exeloncorp.com
Subject: Byron Unit 2 SG Inspection Results
Attachments: IR 1268131.pdf

Mike,

As we discussed, included below is a description of the Byron Unit 2 SG inspection results. Attached to this email is IR 1268131 providing additional information.

The Byron Unit 2 steam generator (SG) inspection results are as expected with no unusual or new degradation mechanisms. During eddy current of the 2B SG hot leg, indication of dents (low level were detected in the 2B SG. No degradation or loose parts have been associated with this new denting.

Approximately 50 tubes in the 2B SG contain new small dents (2-5 volts) near the bottom edge of the 3rd baffle plate on the cold leg side. There appears to be a symmetrical pattern of tubes affected that stretches from one side of the baffle plate to the other side. A database historical review suggests that these are new dents that were not present in past inspections.

Exelon is currently performing investigations to determine the cause, evaluating the data, and determining what additional inspections may be necessary to assess the condition.

Please let me know if the staff requests a conference call to discuss these findings.

Thank you,

Lisa
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Mail Envelope Properties (B89765C774C10B4992D8F5806597A58A5B4651)

Subject: Byron Unit 2 SG Inspection Results
Sent Date: 9/26/2011 2:46:38 PM
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Files	Size	Date & Time
MESSAGE	2172	9/26/2011 2:46:48 PM
IR 1268131.pdf	16672	

Options

Priority: Standard
Return Notification: No
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Sensitivity: Normal
Expiration Date:
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Aff Fac:	Byron	AR Type:	CR	Status:	APPROVED
Aff Unit:	02	Owed To:	ACAPALL	Due Date:	10/26/2011
Aff System:	RC			Event Date:	09/26/2011
CR Level/Class:	/			Disc Date:	09/26/2011
How Discovered:	H02			Orig Date:	09/26/2011

Action Request Details**Subject:** LOW LEVEL TUBE DENTING IN THE 2B SG**Description:** Originator: PATRICK M CREEGAN Supv Contacted: G. Contrady**Condition Description:**

During eddy current of the 2B SG hot leg, approx. 50 indication of dents (low level) have been documented by Data Management. The location of the dents are all at support plate 03C with the dents being near the bottom edge. No tube wear indications are present with the dents. This will require additional inspections and evaluation prior to mode 4.

Immediate actions taken:

- 1) Reviewed Eddy current data with the Corporate Level III and Westinghouse engineering.
- 2) Informed the Project Team and OCC.

Recommended Actions:

ATI (Program Engineering) to track final evaluation prior to mode 4 and disposition in the B2R16 Condition Monitoring & Operational Assessment.

Operable Basis:**Reportable Basis:**

Assign #: 01		AR #: <u>01268131</u>	
Aff Fac: Byron	Assign Type: TRKG	Status: AWAIT/C	
Priority:	Assigned To:	Due Date: 10/01/2011	
Schedule Ref:	Prim Grp: ACAPALL	Orig Due Date:	
Unit Condition:	Sec Grp:		
Assignment Details			
Subject/Description: LOW LEVEL TUBE DENTING IN THE 2B SG			
Assignment Completion			
In Progress Notes: <hr/>			
Completion Notes:			