

From: "Locke, Kim" <Kim.Locke@nmcco.com>
To: <hkc@nrc.gov>
Date: Fri, May 28, 2004 9:06 AM

<<CAP056265.pdf>>

CC: "Connolly, James W." <James.Connolly@nmcco.com>

B-35

Nuclear Management Company

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State Change History

Initiate by KEMP, BRIAN	AR Pre-Screen 4/30/2004 3:08:25 PM Owner (None)	Submit to Screening Team by HARPER, RON	AR Screening Que 5/1/2004 1:40:03 AM Owner PBNP CAP Admin	Screening Update by ZIFKO, TRACEY	AR Screening Que 5/3/2004 10:28:01 AM Owner BENNETT, KEVIN
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Section 1

Activity Request Id: CAP056265
 Activity Type: CAP Submit Date: 4/30/2004 3:08:25 PM

One Line Description: CRDM Nozzle 26 Possible Flaw Indications

Detailed Description: 4/30/2004 3:08:25 PM - KEMP, BRIAN:
 During performance of U1R28 NDE examinations required by NRC Order "Issuance of Order Establishing Interim Inspection Requirements for Reactor Pressure Vessel Heads at Pressurized Water Reactors" possible flaw indications were seen on Nozzle 26.

UT Examination

PBNP's UT examinations are being performed by Areva (formerly Framatome). The UT signal for nozzle 26 shows circumferential indication in the J-groove weld area that extends into the CRDM tube base material.

The Areva UT analyst has concluded that the indication is fabrication-related and is not a result of PWSCC cracking. The final documented Areva inspection report has not yet been completed. Contact Brian Kemp for detailed information.

PT Examination

As a result of the above-mentioned UT examination, a dye-penetrant (PT) examination of the nozzle 26 CRDM J-groove material was performed. This was done to confirm the conclusion that no PWSCC cracking was occurring in nozzle 26.

The PT exams showed minor surface indications that require further evaluation. There were two areas identified. The first if these areas are approximately 1 and 1/2 inches in length by 5/8 inches in width. The second area is approximately 2 and 1/2 inches in length by 5/8 inches in width. Each area is comprised of several small linear indications of various lengths. The final documented PT results are not yet issued. Contact Bill Jensen for PT examination results.

5/6/2004 10:46:27 AM - KEMP, BRIAN:

Update on Nozzle 26

PBNP Engineering had directed that further examination of the J-groove surface be performed following minor grinding of the weld surface. These exams have been completed. The results of the exams indicate that flaws in the weld exist that do not meet the flaw evaluation guidance contained in WCAP-14000 "Structural Integrity Evaluation of Reactor Vessel Upper Head Penetrations to Support Continued Operation: Point Beach Units 1 & 2." Additionally, the existence of flaws in the weld region do not meet the understood acceptance criteria of NRC Inspection Order EA-03-09.

PBNP -1 Nozzle 26 will be repaired prior to placing the RPV Head back into service.

Contact Brian Kemp with questions.

Initiator:	KEMP, BRIAN	Initiator Department:	EPP Engineering Programs Long Term Programs PB
Date/Time of Discovery:	4/30/2004 2:42:44 PM	Date/Time of Occurrence:	4/30/2004 2:42:44 PM
Identified By:	Site-identifier	System:	RC PB
Equipment # (1st):	R-1 PB	Equipment Type (1st):	(None)
Equipment # (2nd):	(None)	Equipment Type (2nd):	(None)
Equipment # (3rd):	(None)	Equipment Type (3rd):	(None)
Site/Unit:	Point Beach- Unit 1		
Why did this occur?:	4/30/2004 3:08:25 PM - KEMP, BRIAN: U1R28 NDE examinations required by NRC Order "Issuance of Order Establishing Interim Inspection Requirements for Reactor Pressure Vessel Heads at Pressurized Water Reactors."		
Immediate Action Taken:	4/30/2004 3:08:25 PM - KEMP, BRIAN: Dye-penetrant examination:		
Recommendations:	4/30/2004 3:08:25 PM - KEMP, BRIAN: Evaluate condition and provide direction for resolution. This item should be assigned to Brian Kemp		

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Notify Me During Eval?: N SRO Review Required?: Y

Section 2

Operability Status: Inoperable Compensatory Actions: N

Basis for Operability: 5/1/2004 1:40:03 AM - HARPER, RON:
Needs resolution prior to RCS Fill and Vent.

MODE 4 restraint.

Unplanned TSAC Entry: N External Notification: N

Section 3

Screened?: Y Significance Level: B

INPO OE Req'd?: N Potential MRFF?: N

QA/Nuclear Oversight?: N Licensing Review?: N

Good Catch/Well Doc'd?: NA

Section 4

Inappropriate Action:

Process: (None) Activity: (None)

Human Error Type: (None) Human Perf Fail Mode: (None)

Equip Failure Mode: (None) Process Fail Mode: (None)

Org/Mgt Failure Mode: (None) Group Causing Prob: (None)

Hot Buttons: (None)

Section 5

CAP Admin: BENNETT, KEVIN  Prescreener: (None)

Project: Corrective Actn Program (CAP) AR State: AR Screening Que

Active/Inactive: Active Submitter: KEMP, BRIAN 

Owner: BENNETT, KEVIN  Last Modified Date: 5/22/2004 10:03:47 AM

Last Modifier: GADZALA, JACK  Last State Change Date: 5/1/2004 1:40:03 AM

Last State Changer: HARPER, RON  Close Date:

NUTRK ID:

of Children: 0

References:

Update:

Prescreen Comments:

Import Memo Field:

OPR Completed?: N

OLD_ACTION_NUM:

sub_tsid: 0 original_project_id: 32

original_issue_id: 056265

Site: Point Beach

Cartridge and Frame:

Attachments and Parent/Child Links

 [Principal to CE013955: **MODE RESTRAINT 4**CRDM Nozzle 26 Possible Flaw Indications](#) by ZIFKO, TRACEY (5/3/2004 10:30:25 AM) 

[U1R28 Extent of Condition Evaluation for Penetration # 26 at PBNP - signed \(425279 bytes\)](#) by GADZALA, JACK (5/22/2004 10:03:46 AM) 

Change History

<http://enws02/tmtrack/tmtrack.dll?IssuePage&Template=viewbody&recordid=601437&tableid=1000>

5/28/2004

5/3/2004 10:28:06 AM by ZIFKO, TRACEY
original_project_id Changed From 0 To 32
original_issue_id Changed From " To '056265'

5/3/2004 10:30:25 AM by ZIFKO, TRACEY
Last Modified Date Changed From 5/3/2004 10:28:06 AM To 5/3/2004 10:30:25 AM
Attachment Added: Principal to CE013955: **MODE RESTRAINT 4**CRDM Nozzle 26 Possible Flaw Indications

5/6/2004 10:46:27 AM by KEMP, BRIAN
Detailed Description Changed From '[Original Text]' To '[Appended:] Update on Nozzle 26 PBNP Engineering had directed that further examination of the J - groove surface be performed following minor grinding of the weld surface. These exams have been completed. The results of the exams indicate that flaws[...]'
Last Modified Date Changed From 5/3/2004 10:30:25 AM To 5/6/2004 10:46:27 AM
Last Modifier Changed From ZIFKO, TRACEY To KEMP, BRIAN

5/22/2004 10:03:47 AM by GADZALA, JACK
Last Modified Date Changed From 5/6/2004 10:46:27 AM To 5/22/2004 10:03:47 AM
Last Modifier Changed From KEMP, BRIAN To GADZALA, JACK
Attachment Added: U1R28 Extent of Condition Evaluation for Penetration # 26 at PBNP - signed