

Entergy	CONDITION REPORT	CR-VTY-2007-02133
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Originator: Fales,Neil
Originator Group: Eng P&C Codes Staff
Supervisor Name: Lukens,Larry D
Discovered Date: 05/28/2007 17:06

Originator Phone: 8024513057
Operability Required: Y
Reportability Required: Y
Initiated Date: 05/28/2007 17:11

Condition Description:

Steam Dryer Inspection Indications

During RFO26 reactor vessel inspections, linear indications on the Steam Dryer Interior Vertical Weld HB-V04 were identified by General Electric. Most of these indications were previously identified in RFO25 with no discernable changes noted in RFO26. One new relevant indication was observed of similar appearance, orientation and size as those previously seen. These were documented via GE's process by INR-IVVI-VYR26-07-10. See attached GE INR's for details.

Immediate Action Description:

Notified Supervisor and generated CR.

Suggested Action Description:

The new indication will need to be evaluated.

EQUIPMENT:

<u>Tag Name</u>	<u>Tag Suffix Name</u>	<u>Component Code</u>	<u>Process System Code</u>
STEAM-DRYER	REACTOR	MR=Y	NB

TRENDING (For Reference Purposes Only):

<u>Trend Type</u>	<u>Trend Code</u>
KEYWORDS	KW-PRE-SCREENED FOR MRFF
INFO BINNING	ERI
KEYWORDS	KW-ISI
REPORT WEIGHT	1
EM	ESPC
HEP FACTOR	E

Attachments:

Condition Description
GE INR 10

DOCKETED
USNRC

August 12, 2008 (11:00am)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

U.S. NUCLEAR REGULATORY COMMISSION

In the Matter of Entergy Nuclear Vermont Yankee LLC
Docket No. 50-271 Official Exhibit No. NEC-JH-59
OFFERED by: Applicant/Licensee (Intervenor) NEC
NRC Staff _____ Other _____
IDENTIFIED on 7/23/08 Witness/Panel Hopwood
Action Taken: ADMITTED REJECTED WITHDRAWN
Reported/Clerk MAC

Entergy

ADMIN

CR-VTY-2007-02133

Initiated Date: 5/28/2007 17:11

Owner Group :Eng P&C Codes Mgmt

Current Contact: vw

Current Significance: C - INVEST & CORRECT

Closed by: Taylor, James M

6/18/2007 16:06

Summary Description:

Steam Dryer Inspection Indications

During RFO26 reactor vessel inspections, linear indications on the Steam Dryer Interior Vertical Weld HB-V04 were identified by General Electric. Most of these indications were previously identified in RFO25 with no discernable changes noted in RFO26. One new relevant indication was observed of similar appearance, orientation and size as those previously seen. These were documented via GE's process by INR-IVVI-VYR26-07-10. See attached GE INR's for details.

Remarks Description:

Closure Description:

CR closure review performed.

Attachment Header

Document Name:

untitled

Document Location

Condition Description

Attach Title:

GE INR 10



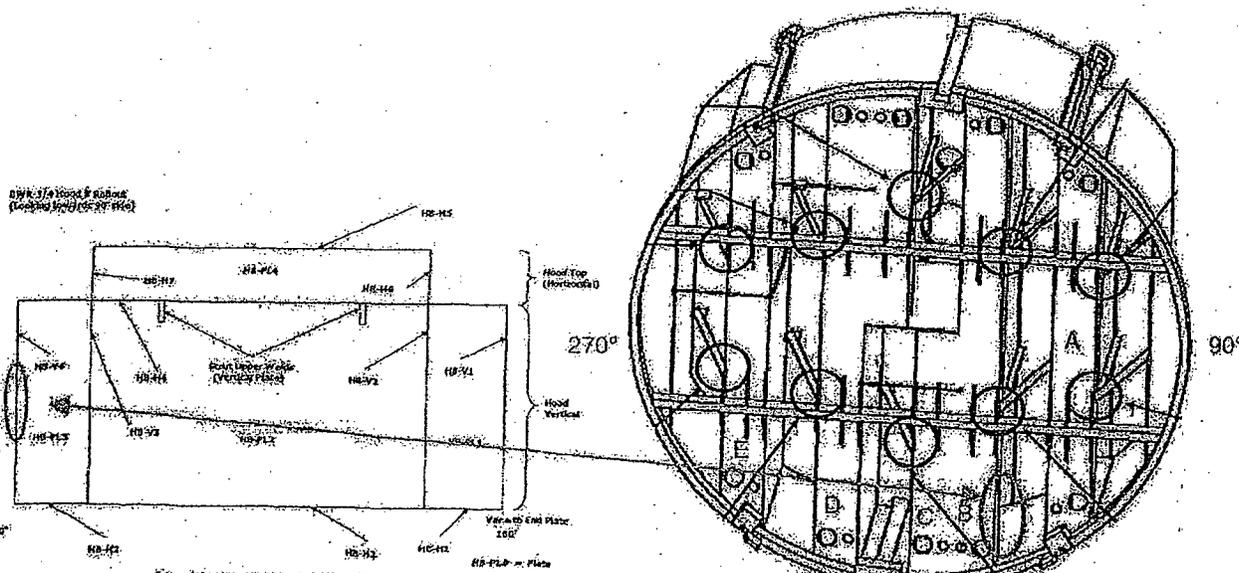
INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

Indication Notification Report

Plant/Unit	Component Description	Reference(s)
Vermont Yankee RFO26 Spring 2007	Steam Dryer Interior Vertical Weld HB-V04	DVD DISK IVVI-VYR26-07-58 Title 4 RFO-25 IVVI Report INF # 002.

Background

During the Vermont Yankee 2007 refueling outage, in accordance with the Vermont Yankee VT-VMY-204V10 Rev 2 Procedure, the Steam Dryer was inspected. The dryer inspection included inspection of the Steam Dryer interior welds and components. These inspections were done with GE's Fire Fly ROV with color camera. During the inspection of the HB-V04 weld (Dryer Unit Hood End Panel to HB-PL3 Plate weld), relevant linear indications were observed in the heat affected zone on the Dryer Unit side of the weld. Most of these linear indications were previously seen in RFO-25, Reference INF # 002. When comparing this outage with last outage, one new relevant indication is seen (3rd indication) of similar appearance, orientation and size as those previously seen; one indication was not seen (RFO25: 3th indication). No discernible change was noted in those indications which correlates to those of RFO26. See attached 2007 photos and sketches.



Sketch on the left shows the weld map rollout The sketch on the right shows a bottom view of the dryer.

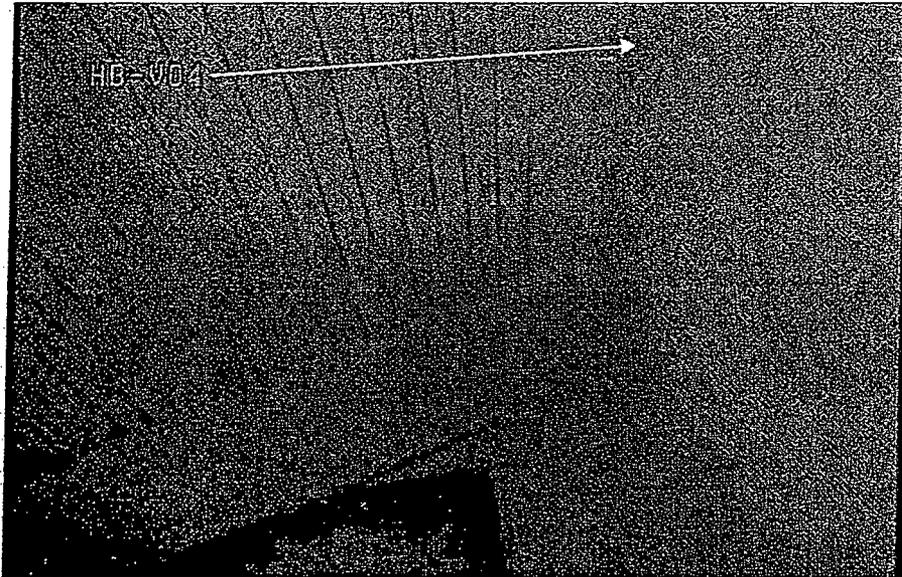
Prepared by: Dick Hooper Date: 05/27/07
 Utility Review By: R. K. ... Date: 5/27/07

Reviewed by: Rodney Drážík Date: 05/27/07

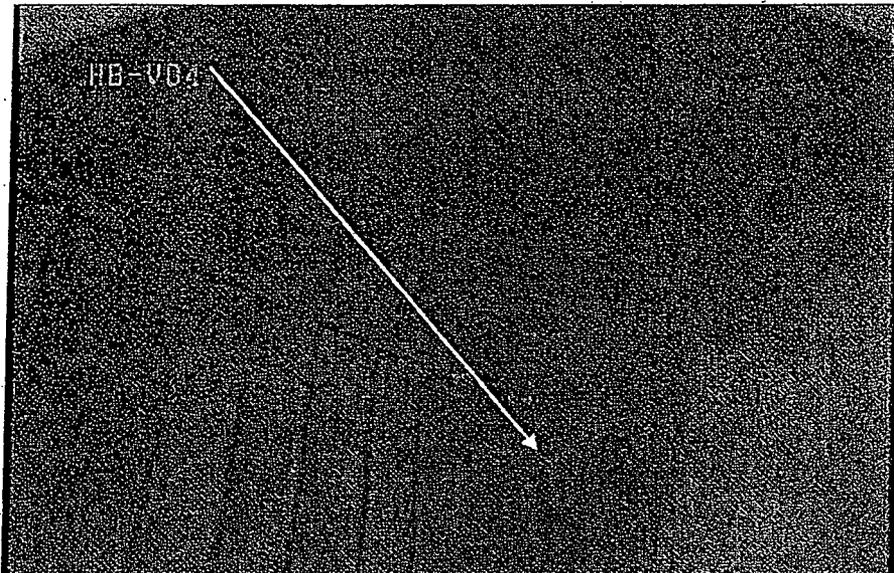


INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

Indication Notification Report



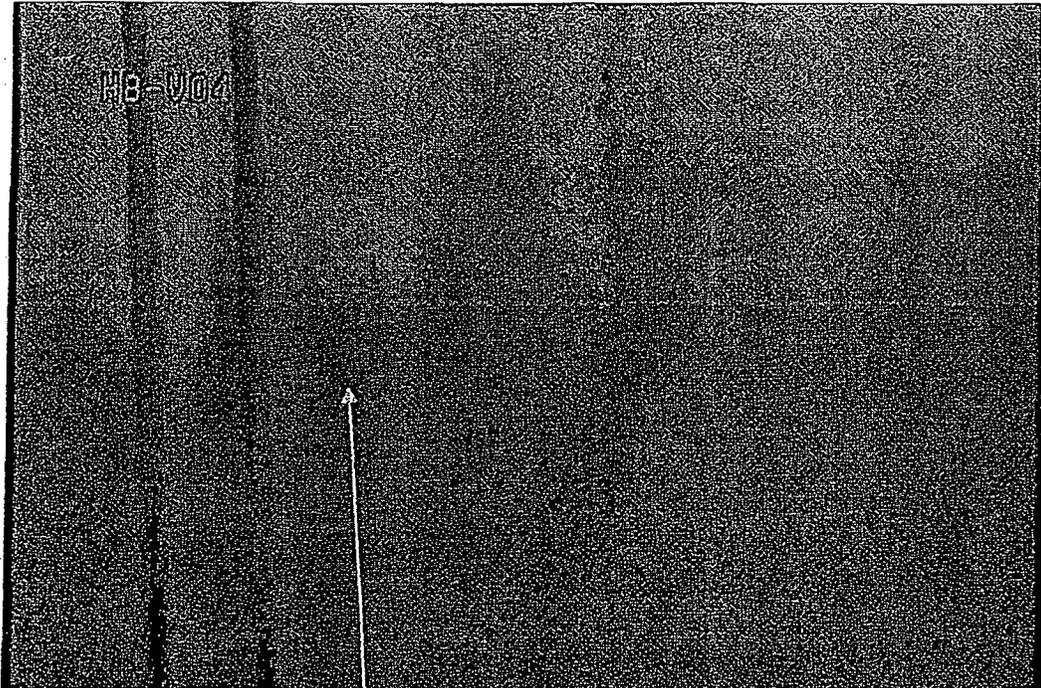
This 2007 photo shows the interior of the dryer and the location of HB-V04 vertical weld.



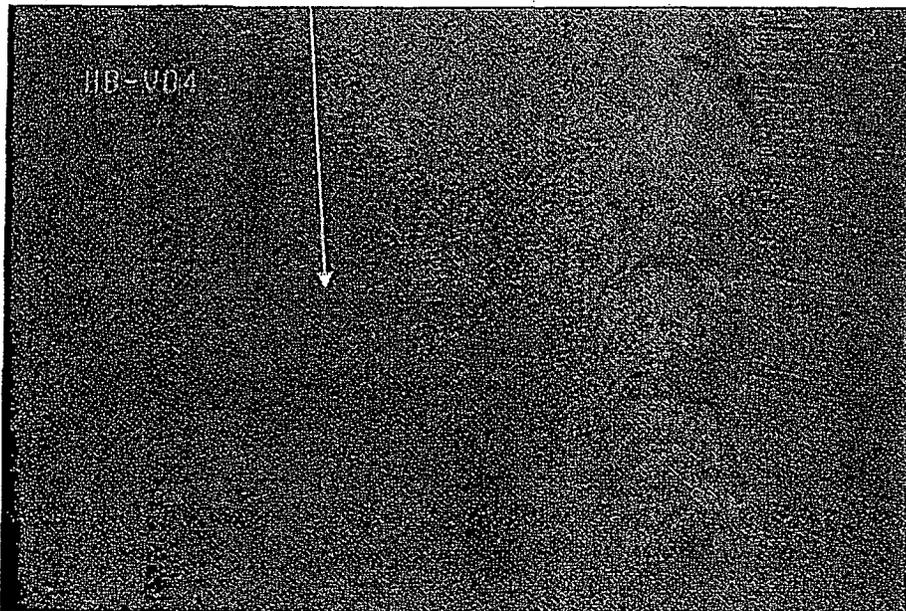
This 2007 photo shows the top of the vane bank (on the left) and the end panel (on the right) and the vertical weld in the center



INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04
Indication Notification Report



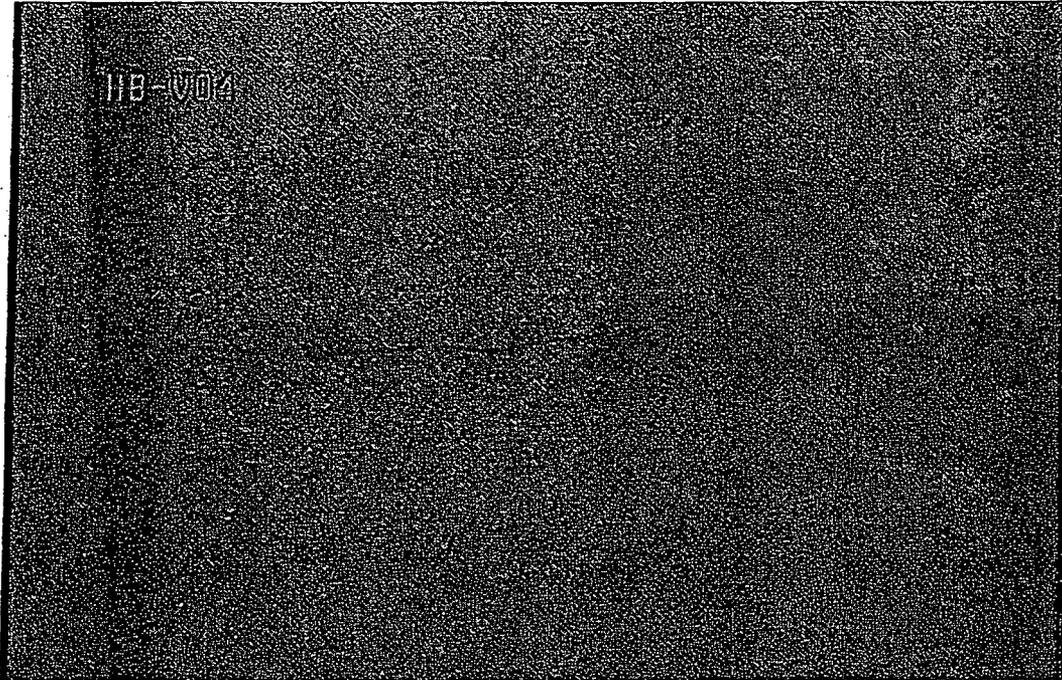
This 2007 photo is of the 1st indication from top down (Correlates to RFO25: 1st indication).



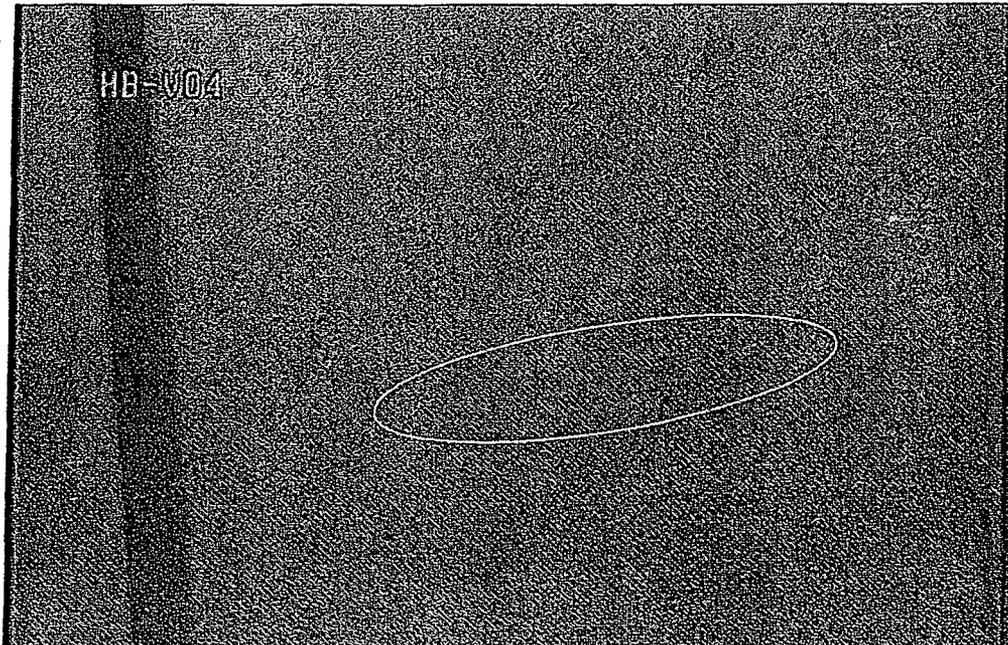
This 2007 photo is a close-up of the 1st indication (Correlates to RFO25: 1st indication).



INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04
Indication Notification Report



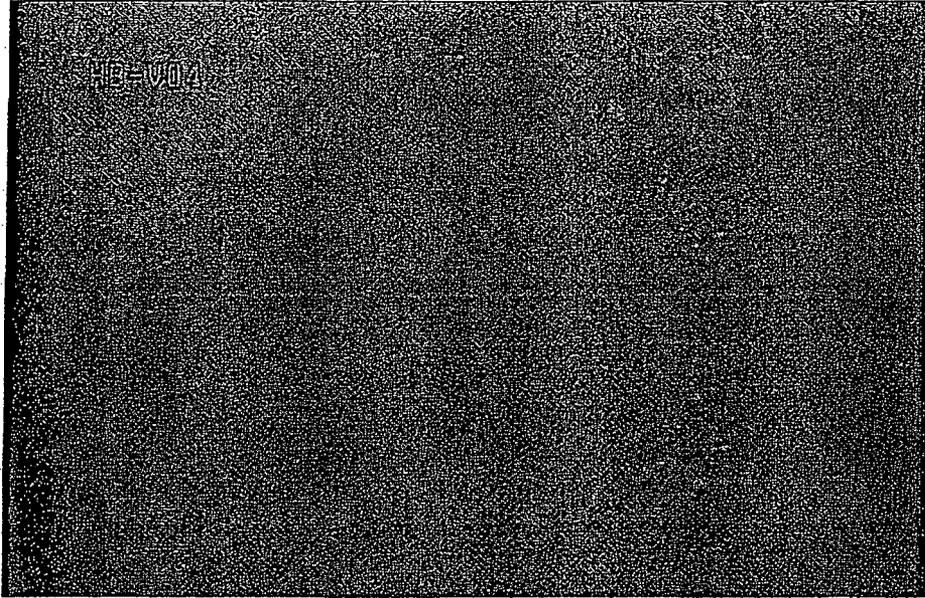
This 2007 photo is the 2nd indication (Correlates to RFO25: 2nd indication).



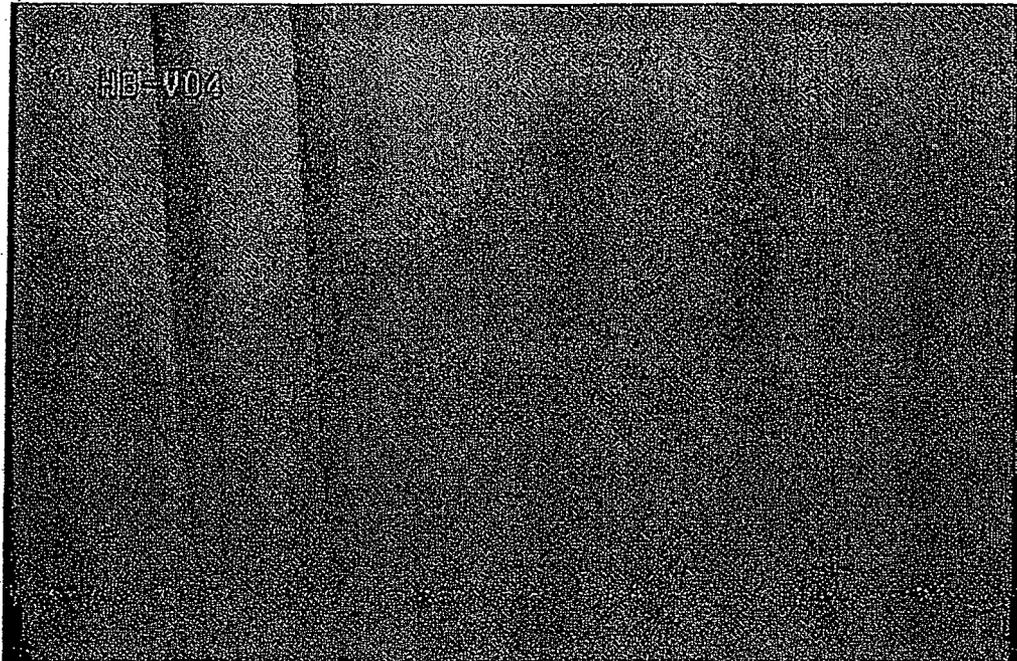
This is a 2007 photo of the 3rd indication and is a new RFO26 indication.



INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04
Indication Notification Report



This is a 2007 photo of the 4th indication (Correlates to RFO25: 3rd indication)

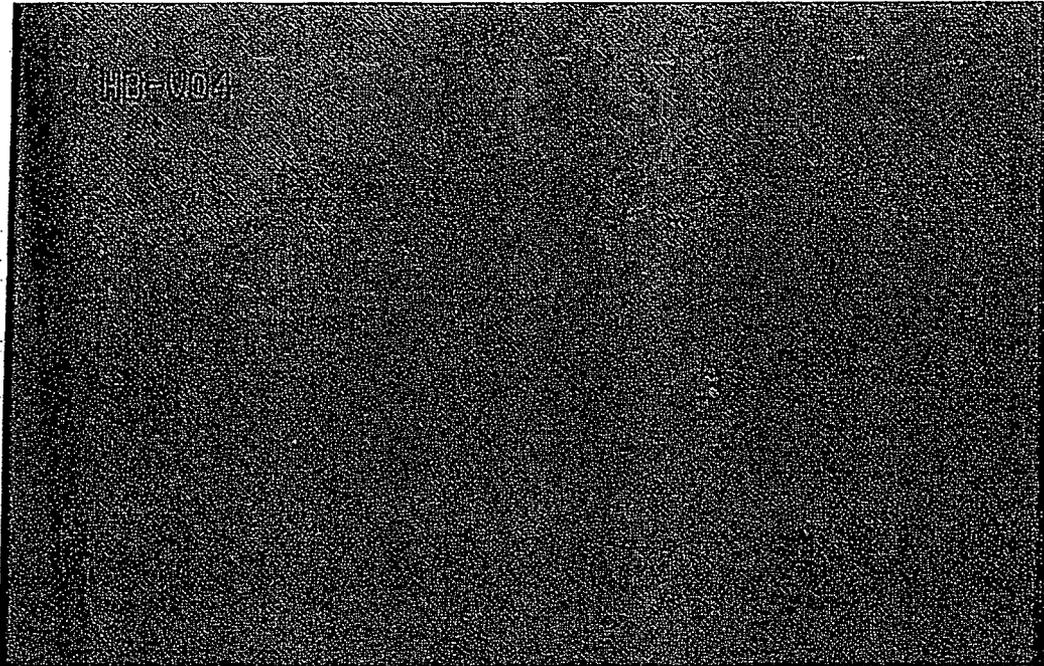


This is a 2007 photo of the 5th indication (Correlates to RFO25: 4th indication).

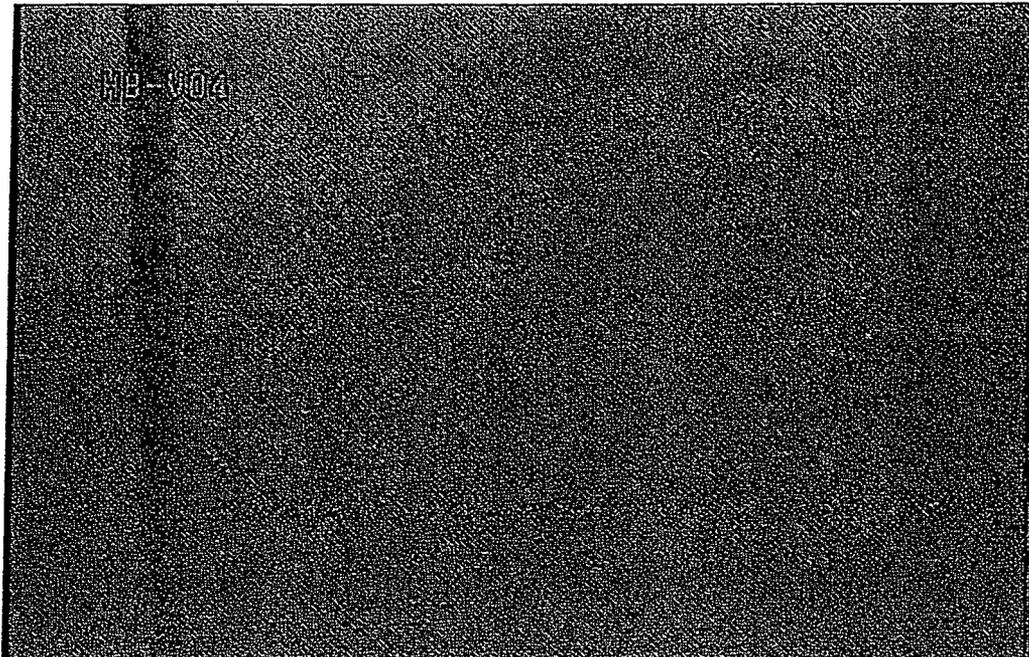


INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

Indication Notification Report



This is a 2007 photo of the 6th indication (Correlates to RFO25: 5th indication).

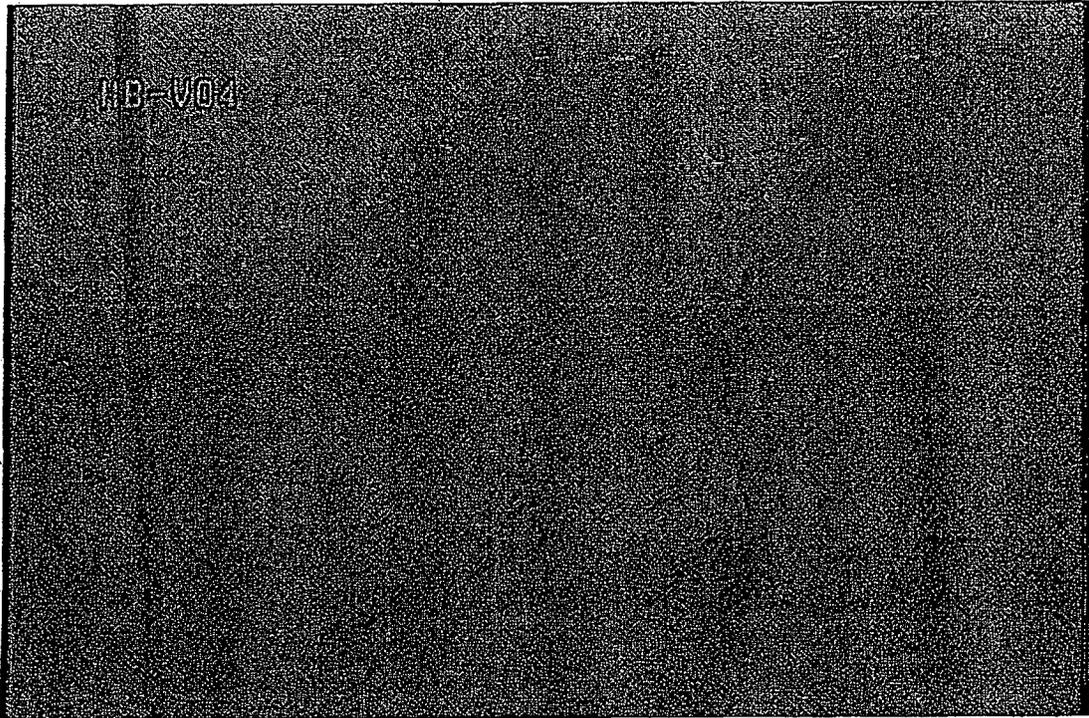


This is a 2007 photo of the 7th indication (Correlates to RFO25: 6th indication).

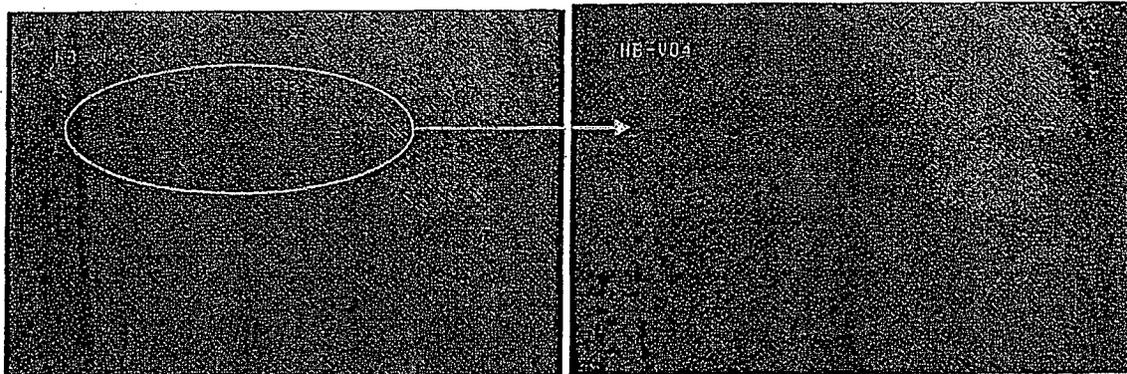


INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

Indication Notification Report



This is a 2007 photo of the 8th indication (Correlates to RFO25: 7th indication).



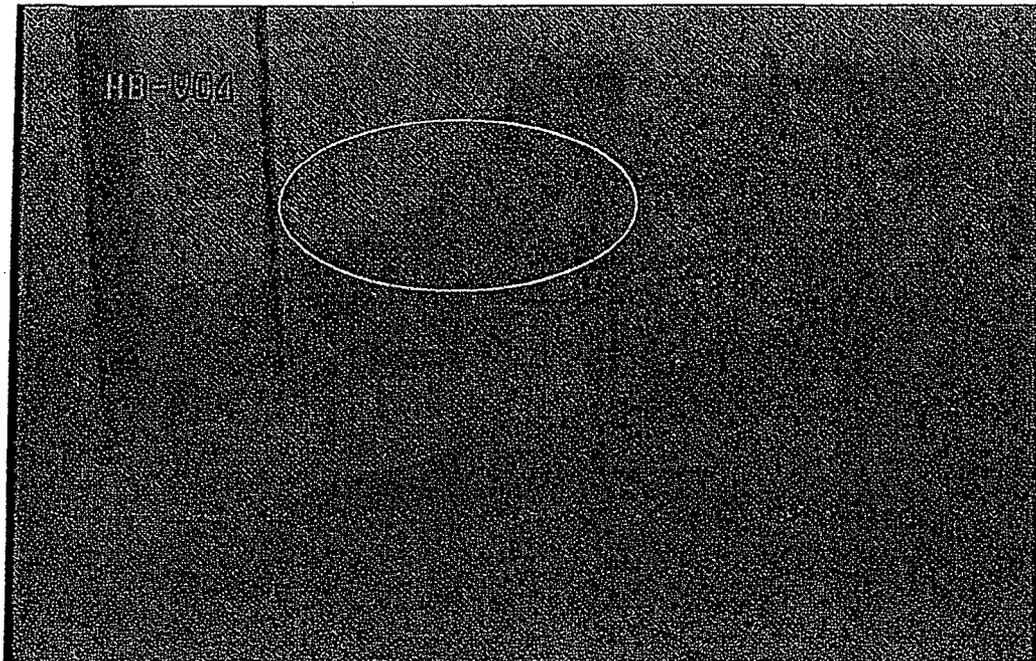
These 2007 photos show a linear indication and change of lighting and show a non-relevant indication (Correlates to RFO25: 9th indication).



INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04
Indication Notification Report



This is a 2007 photo of the 9th indication (Correlates to RFO25: 10th indication).



This is a 2007 photo of the bottom weld area and crud line.

Entergy

OPERABILITY

CR-VTY-2007-02133

Operability Version: 1

Operability Code: EQUIPMENT FUNCTIONAL

Immediate Report Code: NOT REPORTABLE

Performed By: Brooks, James C

05/29/2007 21:07

Approved By: Faupel, Robert F

05/30/2007 00:30

Operability Description:

Currently the plant is shutdown with the bolt in place. The bolt has one crimp fully engaged preventing the bolt from backing out. The need for having both crimps fully engaged will have to be evaluated prior to startup.

Approval Comments:

Entergy

ASSIGNMENTS

CR-VTY-2007-02133

Version: 2

Significance Code: C - INVEST & CORRECT

Classification Code: C

Owner Group: Eng P&C Codes Mgmt

Performed By: Wren, Vedrana

05/30/2007 13:04

Assignment Description:

Entergy

ASSIGNMENTS

CR-VTY-2007-02133

Version: 1

Significance Code: C - INVEST & CORRECT

Classification Code: C

Owner Group: Eng P&C Codes Mgmt

Performed By: Lukens, Larry D

05/29/2007 04:46

Assignment Description:

self identified
outage constraint

Entergy

REPORTABILITY

CR-VTY-2007-02133

Reportability Version: 1

Report Number:

Report Code: NOT REPORTABLE

Boilerplate Code: NOT REPORTABLE

Performed By : Devincents,James M

05/29/2007 08:09

Reportability Description:

Not reportable - This condition does not meet the Reportability screening criteria contained in AP0010 or AP0156. The Steam Dryer is NNS and performs no safety related functions. VY has a commitment to provide the results of the steam dryer inspections to the NRC following startup.

Entergy**CORRECTIVE ACTION****CR-VTY-2007-02133**

CA Number: 1

Group

Name

Assigned By: CRG/CARB/OSRC

Assigned To: Eng P&C Codes Mgmt

Lukens,Larry D

Subassigned To : Eng P&C Codes Staff

Fales,Neil

Originated By: Wren,Vedrana

5/30/2007 13:00:53

Performed By: Lukens,Larry D

6/15/2007 13:17:25

Subperformed By: Fales,Neil

6/15/2007 11:49:49

Approved By:

Closed By: Taylor,James M

6/18/2007 16:02:38

Current Due Date: 06/28/2007

Initial Due Date: 06/28/2007

CA Type: DISP - CA

Plant Constraint: 0 NONE

CA Description:

C - INVEST & CORRECT (Review CR for full details)

 The CRG has initially classified this CR as "C" INVEST & CORRECT Per the CRG, Perform an Investigation of the issues identified in this CR and determine if additional actions are required within 30 days. Ensure all Screening Comments have been addressed in the investigation - (CR assignment tab) Develop adequate corrective actions and issue CAs. (Due Dates per LI 102 Attachment 9.4) LT CAs Require Approval from Site VP/ GMPO or Director prior to initiating. Completion of Attachment 9.9 LTCA Classification Form is required.**Response:**

Approved. No additional corrective action required. Therefore, this CR may be closed. LI-102 Closure Statements follow:

CR CLOSURE STATEMENTS FROM LI-102:

 The root cause or apparent cause is valid. VERIFIED The specific condition is corrected or resolved. VERIFIED Overall plant safety is not inadvertently degraded. VERIFIED Generic implications of the identified condition are considered, as appropriate. VERIFIED Actions were taken to preclude repetition, as appropriate. VERIFIED Any potential operability or reportability issues identified during the resolution of the condition have been appropriately addressed. VERIFIED All corrective action items are completed. VERIFIED Effectiveness Reviews have been initiated via use of Learning Organization CR, when applicable. VERIFIED**Subresponse :**

The new indication was evaluated by Code Programs, see the attached document. The evaluation accepts the indication as is with no repair required. The steam dryer will be inspected per the same scope in RFO27 and RFO28 per letter BVY 04-097, therefore the area of this indication will be inspected again during the next two outages.

Neil Fales 6/15/07

Closure Comments:

Entergy

CORRECTIVE ACTION

CR-VTY-2007-02133

Attachments:

Subresponse Description
Evaluation

Attachment Header

Document Name:

untitled

Document Location

Subresponse Description

Attach Title:

Evaluation

Engineering Report No. VY-RPT-07-00011 Rev 2

Page 1 of 3



ENTERGY NUCLEAR
Engineering Report Cover Sheet

Engineering Report Title:
EVALUATION OF NEW RFO26 STEAM DRYER INDICATION

Engineering Report Type:

New Revision Cancelled Superseded

Applicable Site

IP1 IP2 IP3 JAE PNPS VY WPO
ANO1 ANO2 ECH GGNS RBS WF3

DRN No. N/A; EC 1772

Report Origin: Entergy Vendor
Vendor Document No.:

Quality-Related: Yes No

Prepared by: Neil Fales/ NIF Date: 6/15/07
Responsible Engineer (Print Name/Sign)

Design Verified/ N/A Date:
Design Verifier (if required) (Print Name/Sign)

Reviewed by: Scott Goodwin/ SGoodwin Date: 6/15/07
Reviewer (Print Name/Sign)

Reviewed by*: N/A Date:
ANII (if required) (Print Name/Sign)

Approved by: Larry Lukens/ [Signature] Date: 6/15/07
Supervisor (Print Name/Sign)

*: For ASME Section XI Code Program plans per ENN-DC-120, if require