

RAS 13962

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KAREN L. TYLER  
REBECCA E. BOUCHER  
ASSOCIATE ATTORNEYS

EILEEN I. ELLIOTT  
OF COUNSEL

DOCKETED  
USNRC

July 24, 2007

July 25, 2007 (7:38am)

Office of the Secretary  
Attn: Rulemaking and Adjudications Staff  
Mail Stop O-16C1  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

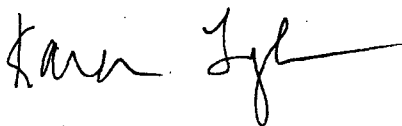
Re: In the Matter of Energy Nuclear Vermont Yankee, LLC and Entergy  
Nuclear Operations, Inc. (Vermont Yankee Nuclear Power Station),  
Docket No. 50-271-LR, ASLBP No. 06-849-03-LR

Dear Sir or Madam:

It has come to our attention that New England Coalition, Inc.'s Supplement to Opposition to Entergy's Motion for Summary Disposition of New England Coalition Contention 3 (Steam Dryer), filed July 19, 2007, erroneously included an incomplete copy of Attachment A, CR-VTY-2007-02133. A complete copy of this document is enclosed.

Thank you for your attention to this matter.

Sincerely,



Karen Tyler  
SHEMS DUNKIEL KASSEL & SAUNDERS PLLC

Cc: attached service list

**Entergy****CONDITION REPORT****CR-VTY-2007-02133****Originator:** Fales, Neil**Originator Phone:** 8024513057**Originator Group:** Eng P&C Codes Staff**Operability Required:** Y**Supervisor Name:** Lukens, Larry D**Reportability Required:** Y**Discovered Date:** 05/28/2007 17:06**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:**Tag Name

STEAM-DRYER

Tag Suffix Name Component Code Process System Code

REACTOR

MR=Y

NB

**TRENDING (For Reference Purposes Only):**Trend Type

KEYWORDS

INFO BINNING

KEYWORDS

REPORT WEIGHT

EM

HEP FACTOR

Trend Code

KW-PRE-SCREENED FOR MRFF

ER1

KW-ISI

1

ESPC

E

**Attachments:**

Condition Description

GE INR 10

**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



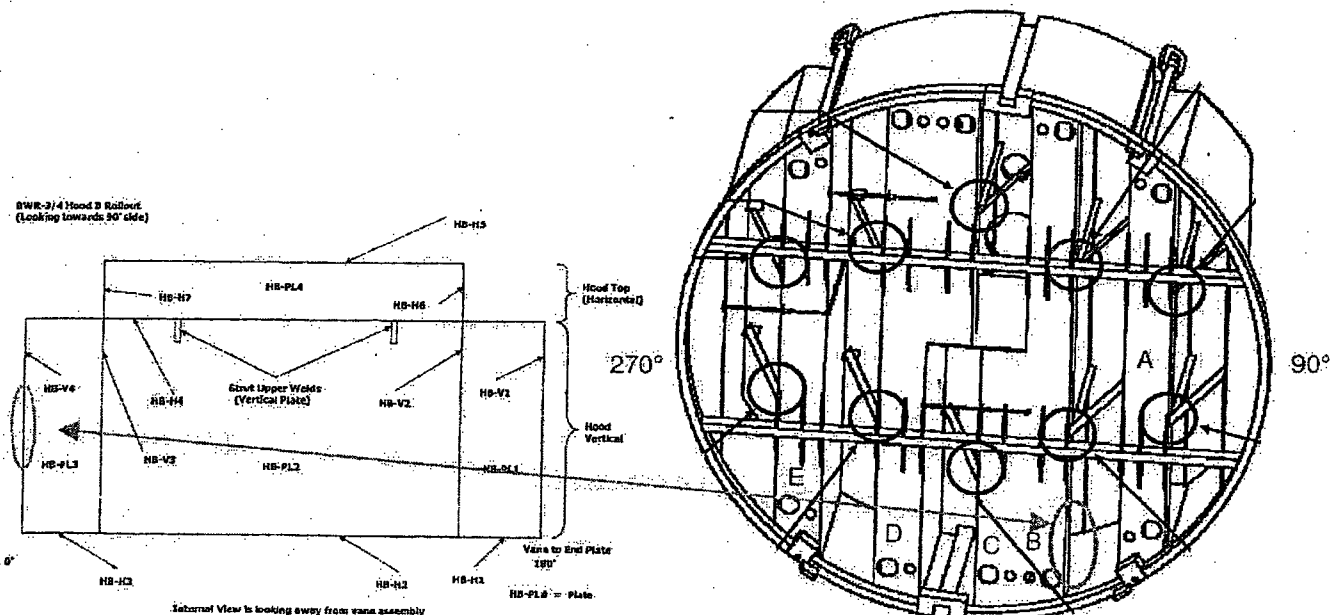
# **INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04**

## **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 (3<sup>rd</sup> 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.

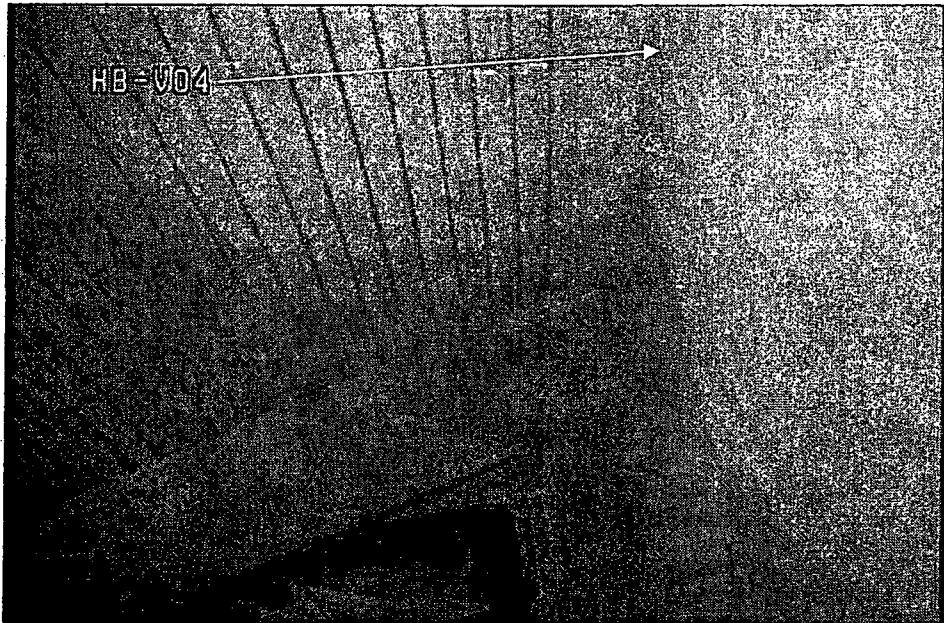
Prepared by: Dick Hooper Date: 05/27/07  
 Utility Review By: R. P. Pender Date: 5/27/07

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

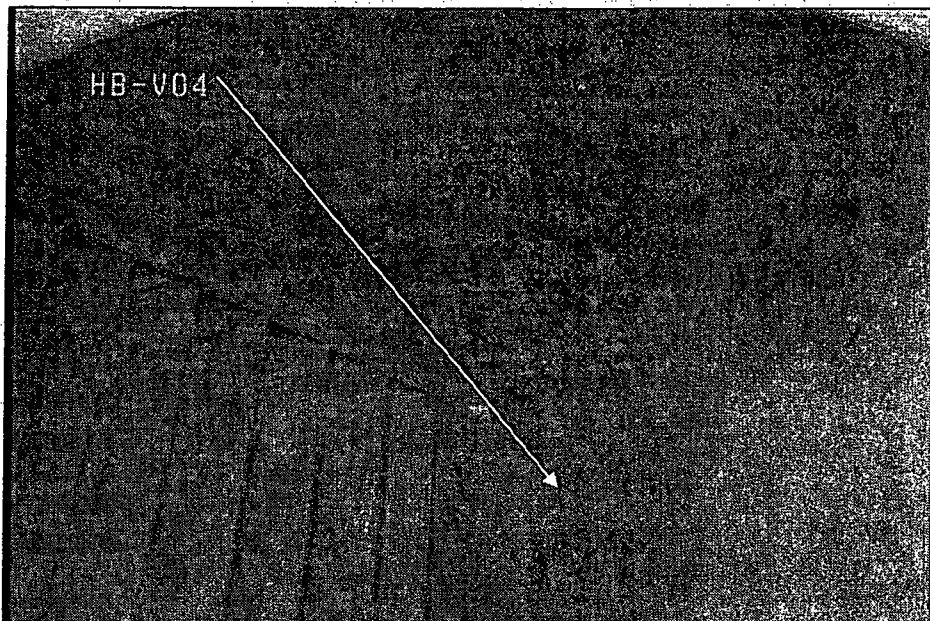


## INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

### 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

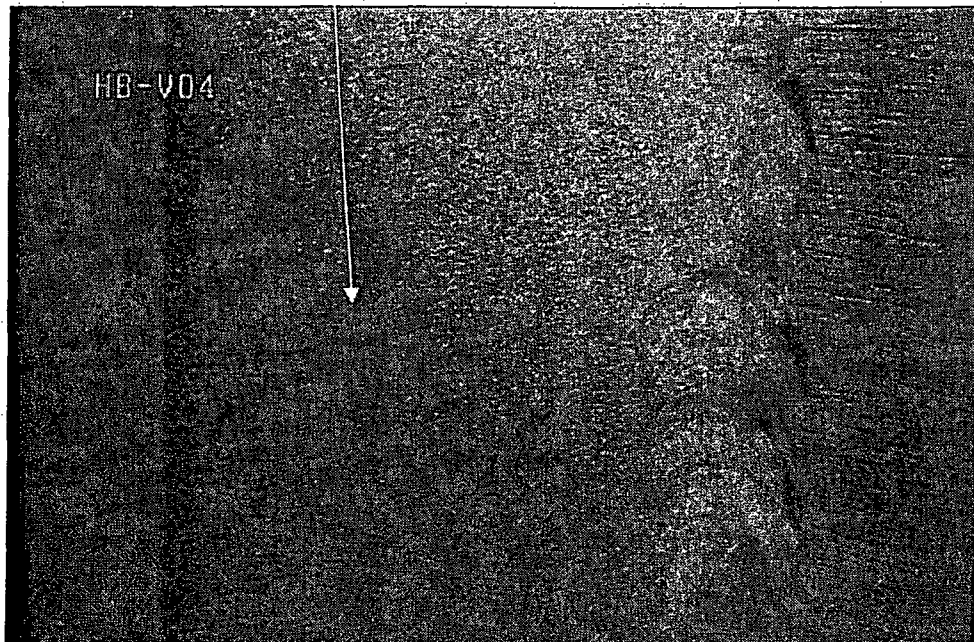


# INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

## Indication Notification Report



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

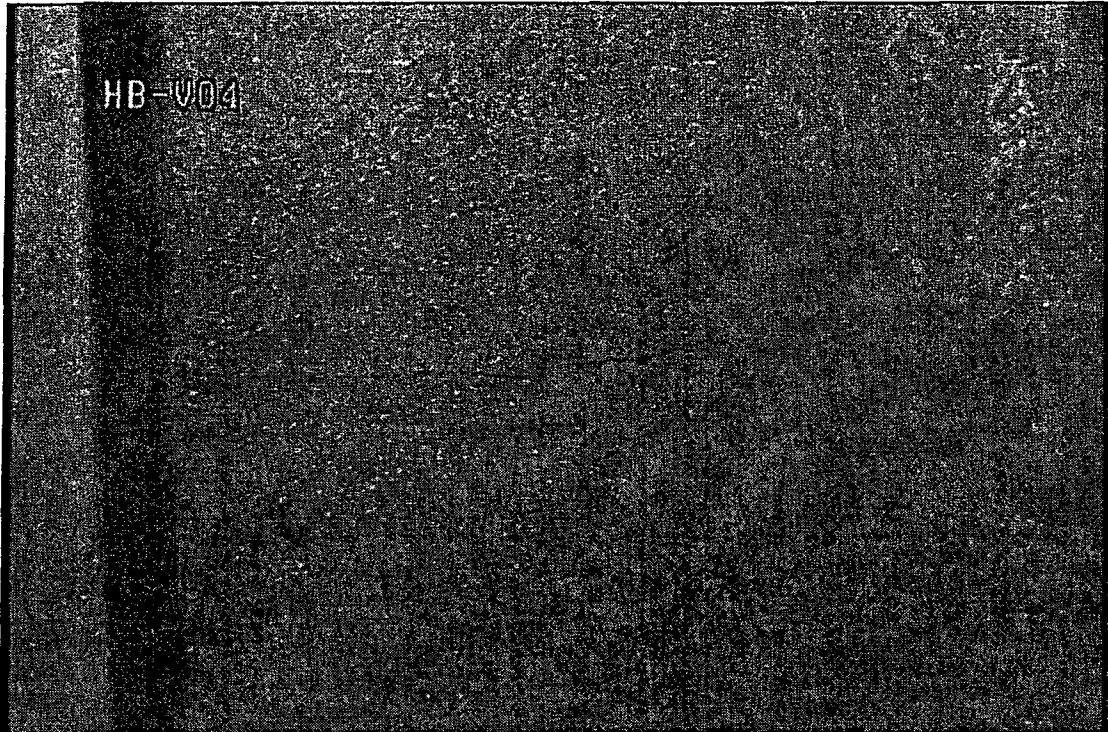


This 2007 photo is a close-up of the 1<sup>st</sup> indication (Correlates to RFO25: 1<sup>st</sup> indication).

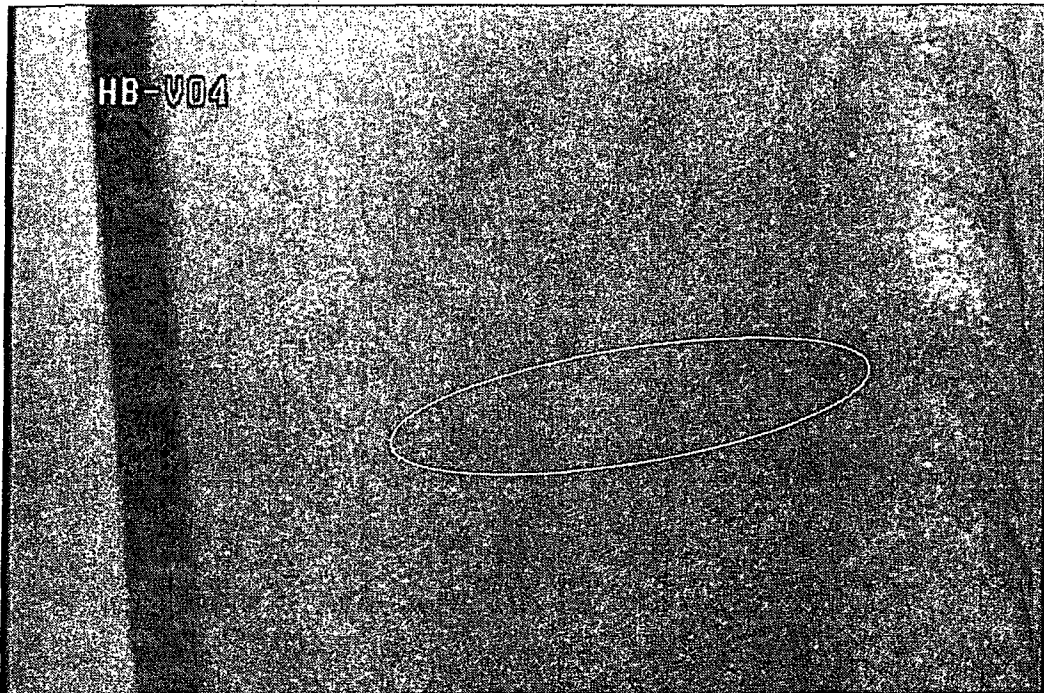


# INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

## Indication Notification Report



This 2007 photo is the 2<sup>nd</sup> indication (Correlates to RFO25: 2<sup>nd</sup> indication).



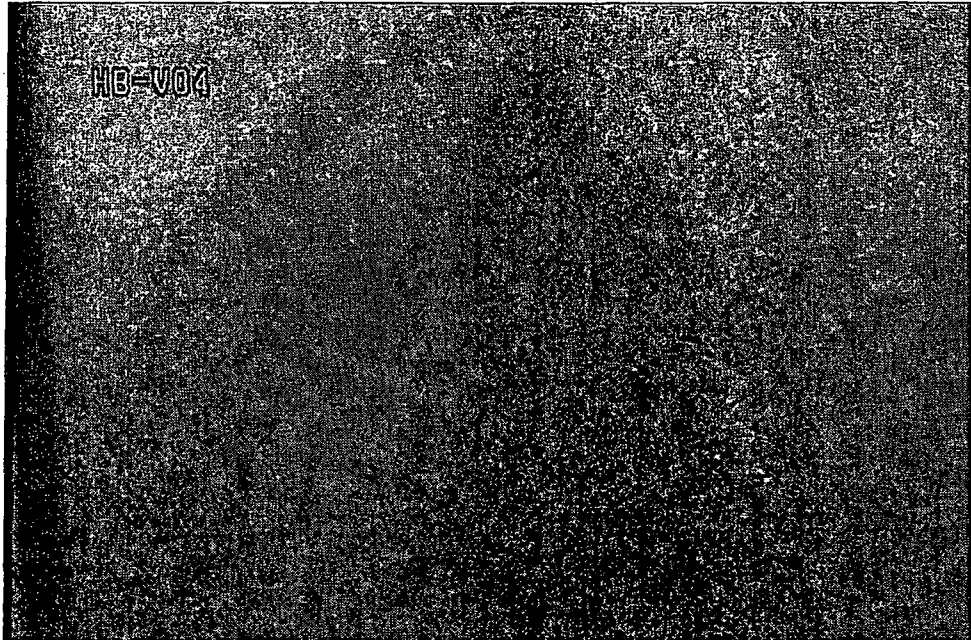
This is a 2007 photo of the 3<sup>rd</sup> indication and is a new RFO26 indication.





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

## Indication Notification Report



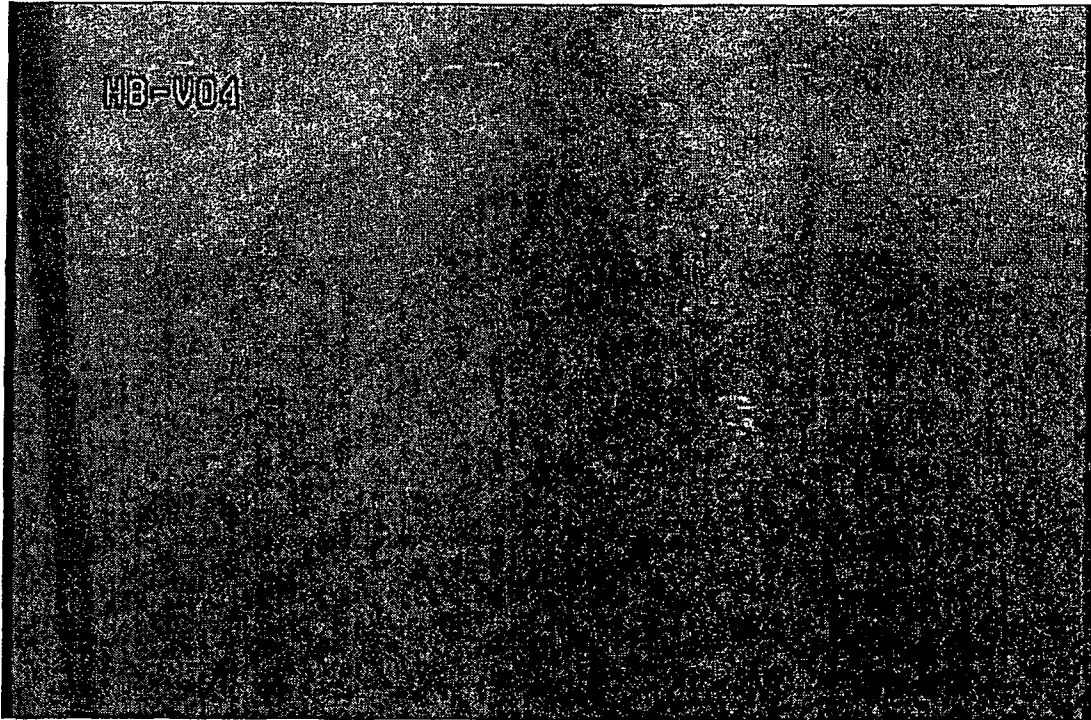
This is a 2007 photo of the 4<sup>th</sup> indication (Correlates to RFO25: 3<sup>rd</sup> indication)



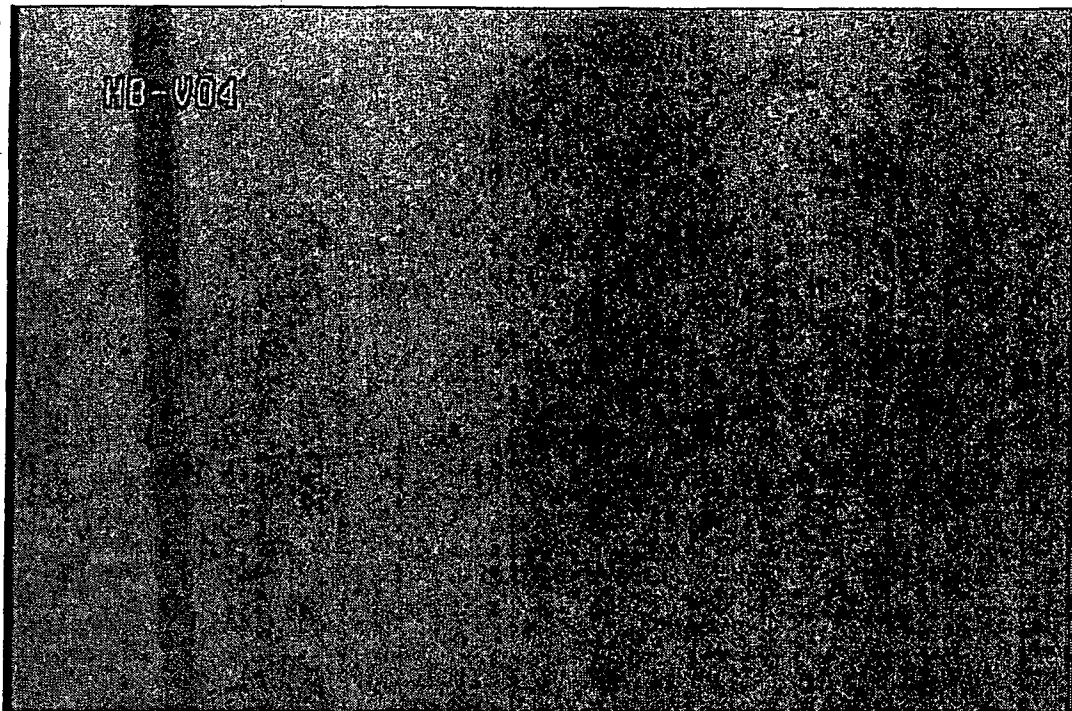
This is a 2007 photo of the 5<sup>th</sup> indication (Correlates to RFO25: 4<sup>th</sup> indication).



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



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



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

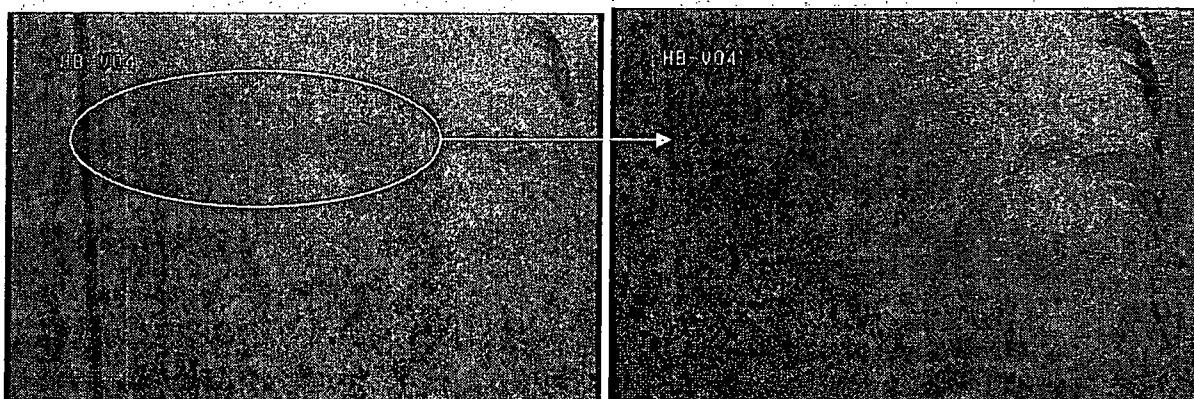


# INR-IVVI-VYR26-07-10- Steam Dryer Interior HB-V04

## Indication Notification Report



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



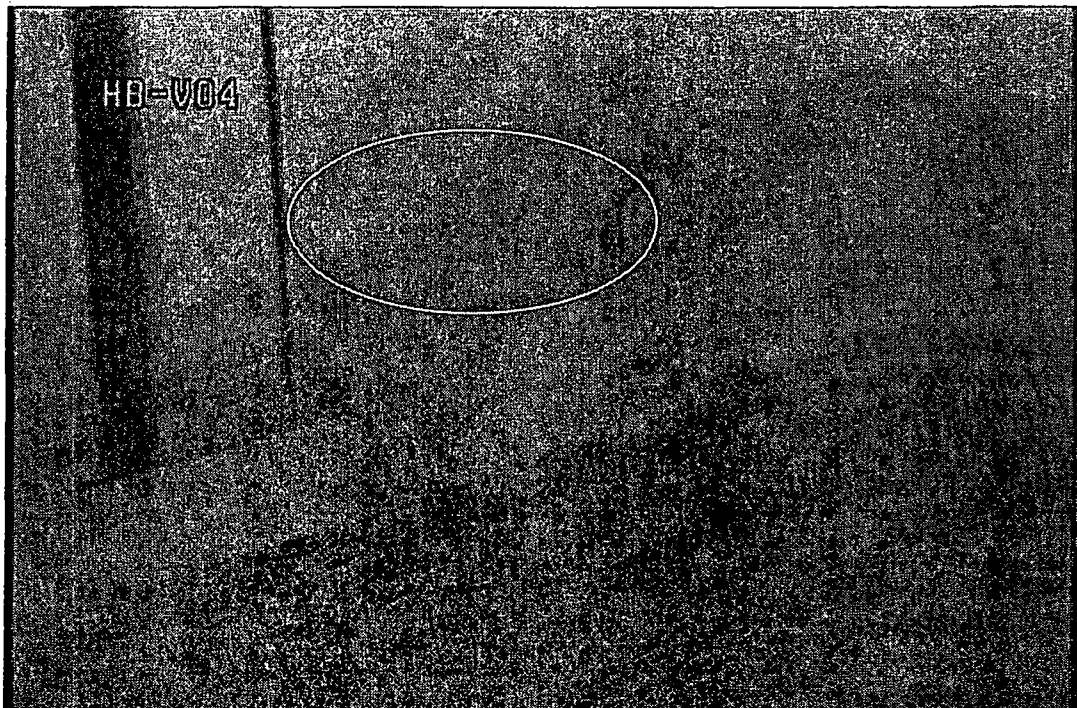
These 2007 photos show a linear indication and change of lighting and show a non-relevant indication (Correlates to RFO25: 9<sup>th</sup> indication).



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



This is a 2007 photo of the 9<sup>th</sup> 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****OperabilityVersion:** 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

**Reportability Version:** 1**Report Number:****Report Code:** NOT REPORTABLE**Boilerplate Code:** NOT REPORTABLE**Performed By :** Devincentis,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&amp;C Codes Mgmt

Lukens, Larry D

Subassigned To: Eng P&amp;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 &amp; 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 ☐ JAF ☐ 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/ N: F 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/ Date: 6-15-07  
Reviewer (Print Name/Sign)

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

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

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



## **Evaluation of Steam Dryer Indication**

### **Introduction**

During RFO26 steam dryer visual inspections, flaw indications were reported in the dryer end plates for the internal vane assemblies. Most of these indications were previously identified in RFO25 and were evaluated by GE as being acceptable to leave as is per Reference 11. The intent of this paper is to evaluate one new indication identified during RFO26 and determine whether it should be accepted as is.

### **Discussion**

One new indication was found adjacent to weld HB-V04, located on bank B at the 0° end and is labeled as the 3<sup>rd</sup> indication on INR-IVVI-VYR26-07-10 Rev.1 (Reference 2). This indication is of similar appearance, orientation and size as those previously seen. Because of this it is being treated similar to those indications identified in RFO25. The remainder of indications on the steam dryer listed as References 1-10 were previously identified and show no signs of growth. These indications are acceptable to leave as is per GE evaluation GENE-0000-0047-2767 (Reference 11) performed in RFO25. Therefore, the one new indication described above is the only one requiring an evaluation.

It should be mentioned that not all indications identified in RFO25 were re-identified in RFO26. The reasons for this vary, but can be the limitations of the equipment, crud layers masking the surface of the indication or the technique of different examiners.

### **Evaluation of Indications**

GE's evaluation in RFO25 cites IGSCC as being the likely cause of most of the indications previously observed. This is based on the jagged appearance and location in the weld heat affected zone (HAZ). The unit end plates may have cold work resulting from cold forming. Cold working Type 304 material can promote initiation of stress corrosion cracks when exposed to the BWR environment. The dryer unit end plates are located in the dryer interior and are not subjected to any direct main steam line acoustic loading. Continued growth is unlikely because all of these indications appear to have stopped without propagating into the vertical weld; this is indicative of IGSCC behavior as opposed to fatigue, since weld material is more resistant to IGSCC. The flanges have experienced a near infinite number of fluctuating load cycles and if fatigue driven, more significant cracking is likely to have occurred after many years of operation. IGSCC in steam dryers has been typically limited in depth and length since in many cases it is caused by cold work or weld induced residual stress.

The dryer unit end plate, with the indication, is securely attached and captured within the structure of the steam dryer bank assembly. The vertical edges of these end plates are attached to the dryer assembly with 3/16" fillet welds, each weld approximately 48" long.

There were no relevant indications reported in these vertical welds. The geometric configuration of the unit end plates is such that the steam dryer assembly mechanically captures the upper and lower edges. The reported horizontal indications were seen in the inlet side end plate flange. The vanes prevent inspection of the central end plate surface, but inspection of the outlet side end plate flanges at both locations found no indications. If it is postulated that the end plate horizontal indications propagate across the entire 8.75" unit end plate width including both the inlet and outlet side flange, such full width, through-thickness cracks would have no structural impact. Nor is there any concern for loose parts. The separated end plate sections are still attached and will continue to function.

### **Safety**

The steam dryer assembly has no safety function. See BWRVIP-06A for additional discussion of steam dryer assembly safety. The flaw indications reported in the steam dryer INR's from RFO26 will not likely result in any lost parts at operating conditions. Therefore, there is no safety concern with continued operation with the Reference 1-10 indications left as is.

### **Conclusions and Recommendations**

The dryer unit end plates flaw assessment is based on the following factors: (1) it is a highly redundant structure and there is no structural consequence of the cracking and (2) postulated significant flaw extension leading to the flaw reaching the full section of the channel geometry would not create the opportunity for loose parts. Field experience supports this as-is operation decision in the context that the indications will be re-inspected at the next outage. It is recommended that the new visual indication given in Reference 2 be accepted as is. Repair is not recommended.

### **References**

1. GE INR-IVVI-VYR26-07-09 Rev. 1
2. GE INR-IVVI-VYR26-07-10 Rev. 1
3. GE INR-IVVI-VYR26-07-11
4. GE INR-IVVI-VYR26-07-12
5. GE INR-IVVI-VYR26-07-13
6. GE INR-IVVI-VYR26-07-14
7. GE INR-IVVI-VYR26-07-15
8. GE INR-IVVI-VYR26-07-16
9. GE INR-IVVI-VYR26-07-18
10. GE INR-IVVI-VYR26-07-19
11. GENE-0000-0047-2767

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

CA Number: 2

**Group****Name**

Assigned By: Constraint Group

Assigned To: Eng P&amp;C Codes Mgmt

Lukens,Larry D

Subassigned To : Eng P&amp;C Codes Staff

Fales,Neil

Originated By: Wren,Vedrana

5/30/2007 13:02:05

Performed By: Corbett,Patrick B

6/1/2007 17:50:21

Subperformed By: Fales,Neil

6/1/2007 16:58:55

Approved By:

Closed By: Wanczyk,Robert J

6/1/2007 17:54:13

Current Due Date: 06/01/2007

Initial Due Date: 06/01/2007

CA Type: ACTION

Plant Constraint: 2 STARTUP/HOTSTANDBY

**CA Description:**

Address Startup Constraint-due 6/1-Disposition and evaluate

☐**Response:**

approve

**Subresponse :**

The plant can start up with the dryer indications left as is. The new dryer indication is of the same appearance, orientation and size as those previously observed. Since this new indication is located in the heat affected zone and is consistent with the other indications, this is most likely caused by IGSCC. This is consistent with the evaluations by GE. See the INR and evaluation provided.

Neil Fales 6/1/07

**Closure Comments:****Attachments:**Subresponse Description  
EvaluationSubresponse Description  
GE INR 10

# Attachment Header

Document Name:

untitled

Document Location

Subresponse Description

Attach Title:

Evaluation

## **Evaluation of Steam Dryer Indications**

### **Introduction**

During RFO26 steam dryer visual indications, flaw indications were reported in the dryer end plates for the internal vane assemblies. Most of these indications were previously identified in RFO25 and were evaluated by GE as being acceptable to leave as is per Reference 11. The intent of this paper is to evaluate one new indication identified during RFO26 and accept it as is.

### **Discussion**

One new indication was found adjacent to weld HB-V04, located on bank B at the 0° end and is labeled as the 3<sup>rd</sup> indication on INR-IVVI-VYR26-07-10 Rev.1 (Reference 2). This indication is of similar appearance, orientation and size as those previously seen. Because of this it is being treated similar to those indications identified in RFO25. The remainder of indications on the steam dryer listed as References 1-10 were previously identified and show no signs of growth. These indications are acceptable to leave as is per GE evaluation GENE-0000-0047-2767 (Reference 11) performed in RFO25. Therefore, the one new indication described above is the only one requiring an evaluation.

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The dryer unit end plate, with the indication, are securely attached and captured within the structure of the steam dryer bank assembly. The vertical edges of these end plates are attached to the dryer assembly with 3/16" fillet welds, each weld approximately 48" long. There were no relevant indications reported in these vertical welds. The geometric

configuration of the unit end plates is such that the steam dryer assembly mechanically captures the upper and lower edges. The reported horizontal indications were seen in the inlet side end plate flange. The vanes prevent inspection of the central end plate surface, but inspection of the outlet side end plate flanges at both locations found no indications. If it is postulated that the end plate horizontal indications propagate across the entire 8.75" unit end plate width including both the inlet and outlet side flange, such full width, through-thickness cracks would have no structural impact. Nor is there any concern for loose parts. The separated end plate sections are still attached and will continue to function.

### **Safety**

The steam dryer assembly has no safety function. See BWRVIP-06A for additional discussion of steam dryer assembly safety. The flaw indications reported in the steam dryer INR's from RFO26 will not likely result in any lost parts at operating conditions. Therefore, there is no safety concern with continued operation with the Reference 1-10 indications left as is.

### **Conclusions and Recommendations**

The dryer unit end plates flaw assessment is based on the following factors: (1) it is a highly redundant structure and there is no structural consequence of the cracking and (2) postulated significant flaw extension leading to the flaw reaching the full section of the channel geometry would not create the opportunity for loose parts. Field experience supports this as-is operation decision in the context that the indications will be re-inspected at the next outage. It is recommended that the new visual indication given in Reference 2 be accepted as is. Repair is not recommended.

### **References**

1. GE INR-IVVI-VYR26-07-09 Rev. 1
2. GE INR-IVVI-VYR26-07-10 Rev. 1
3. GE INR-IVVI-VYR26-07-11
4. GE INR-IVVI-VYR26-07-12
5. GE INR-IVVI-VYR26-07-13
6. GE INR-IVVI-VYR26-07-14
7. GE INR-IVVI-VYR26-07-15
8. GE INR-IVVI-VYR26-07-16
9. GE INR-IVVI-VYR26-07-18
10. GE INR-IVVI-VYR26-07-19
11. GENE-0000-0047-2767

# Attachment Header

Document Name:

untitled

Document Location

Subresponse Description

Attach. Title:

GE INR 10



## INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

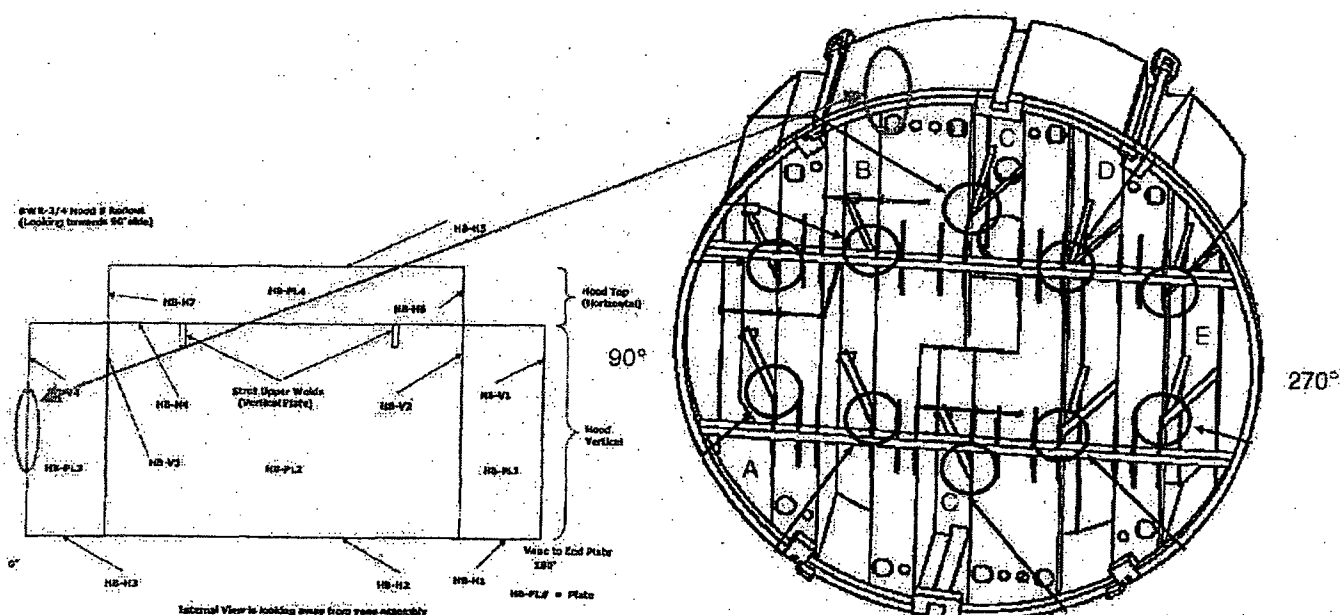
## Indication Notification Report

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

Revision 1: Incorporates photos from RFO-25 and corrects the sketch.

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 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 (3<sup>rd</sup> indication) of similar appearance, orientation and size as those previously seen; one indication was not seen (RFO25: 8<sup>th</sup> indication). No discernible change was noted for 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.

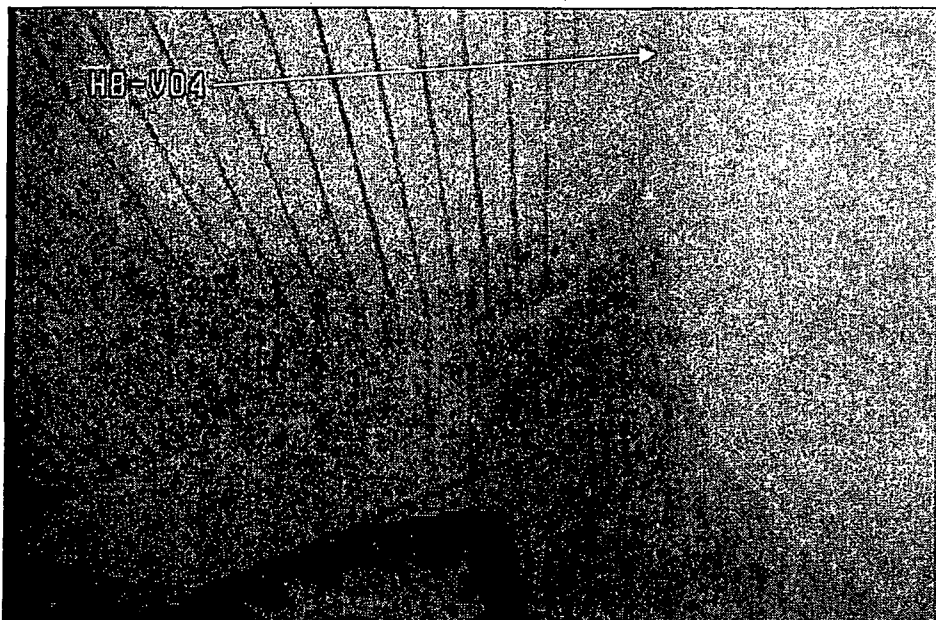
Prepared by: Dick Hooper Date: 05/31/07 Reviewed by: Rodney Drazich Date: 05/31/07

Utility Review By: Mike Rose Date: 05/31/07

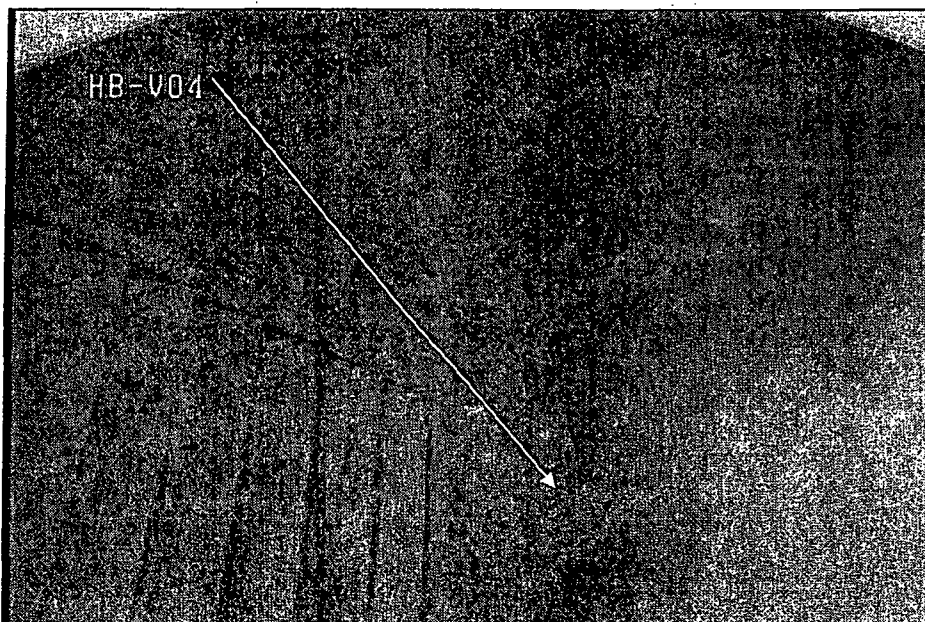




**INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04**  
Indication Notification Report



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

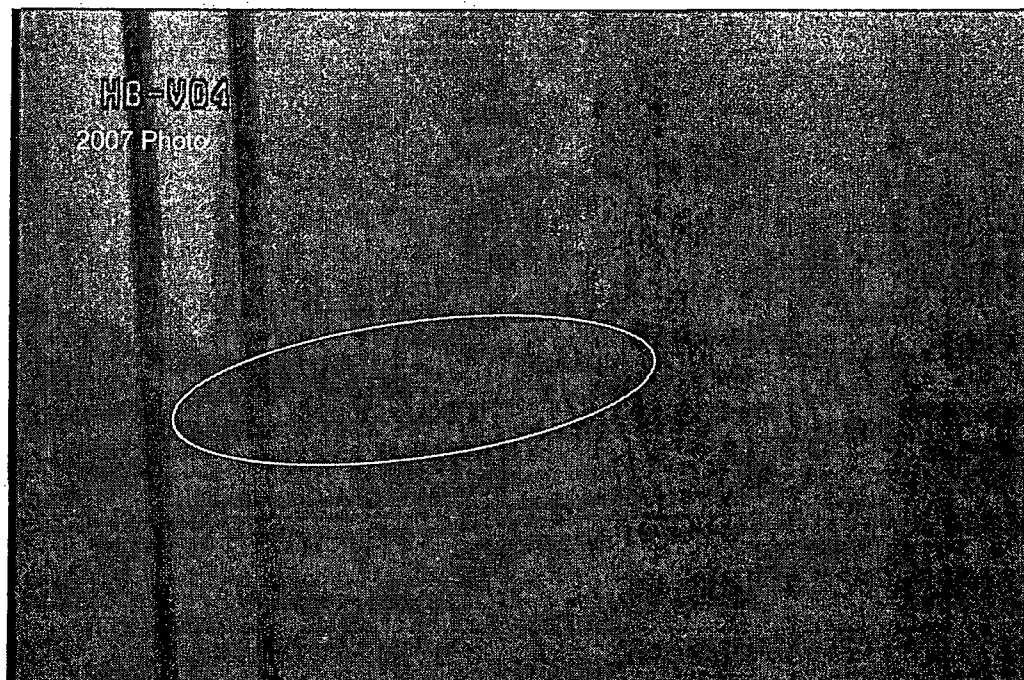
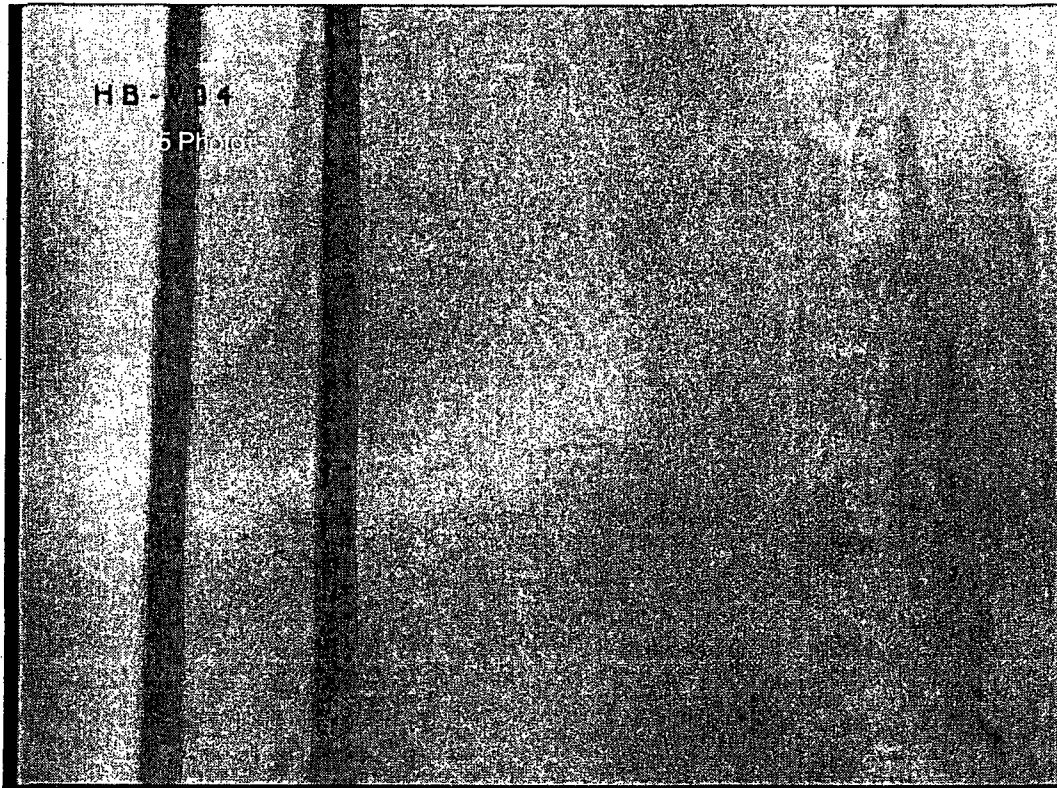


This 2007 photo shows the top of the vane bank (on the left) and the end panel (on the right) and the vertical weld in the center



# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

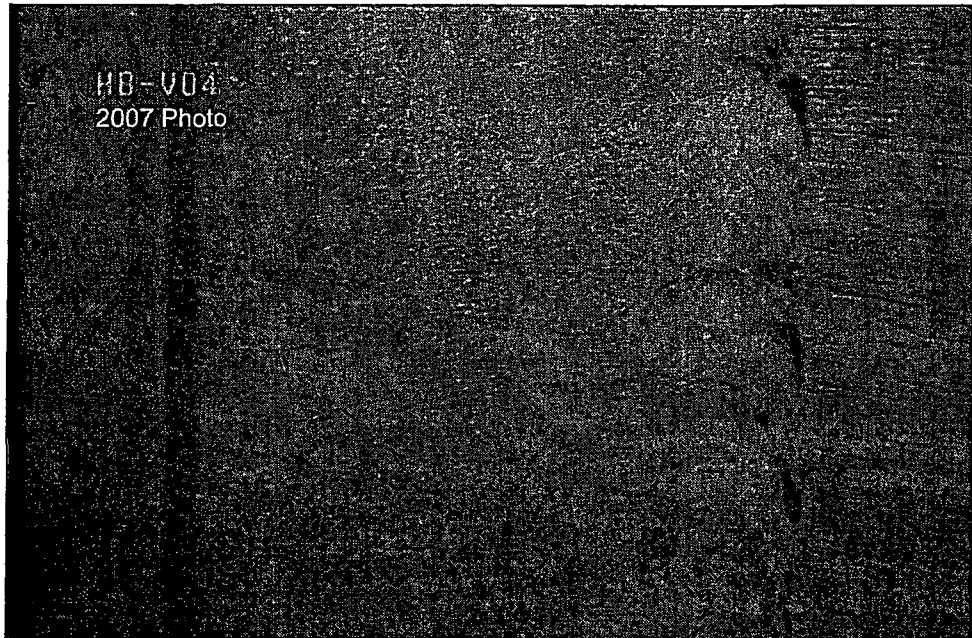
## Indication Notification Report



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



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Indication Notification Report

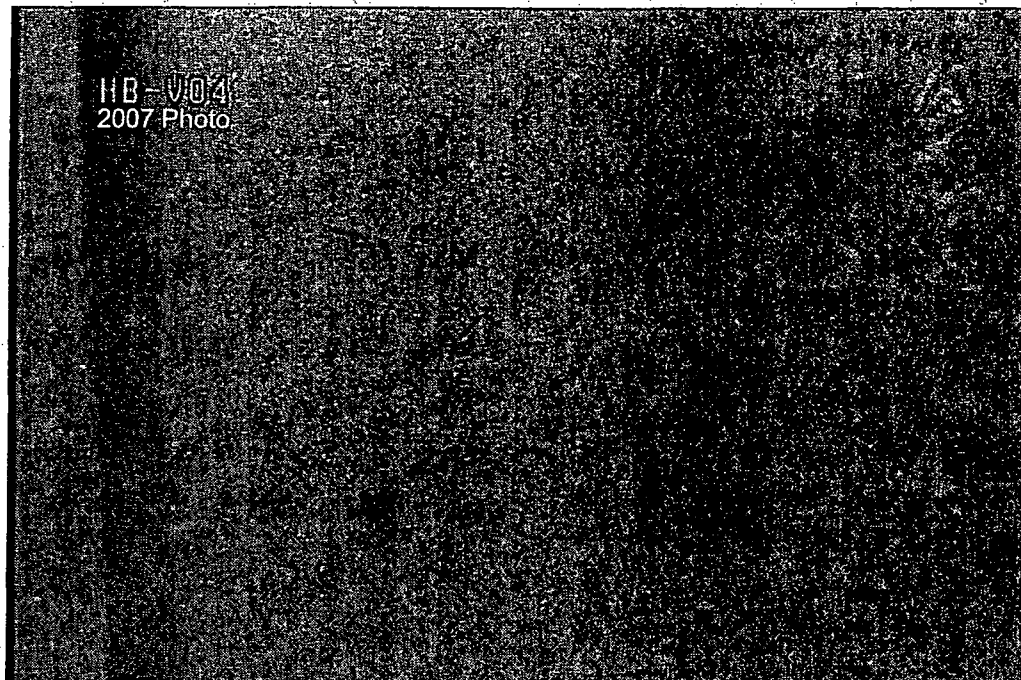
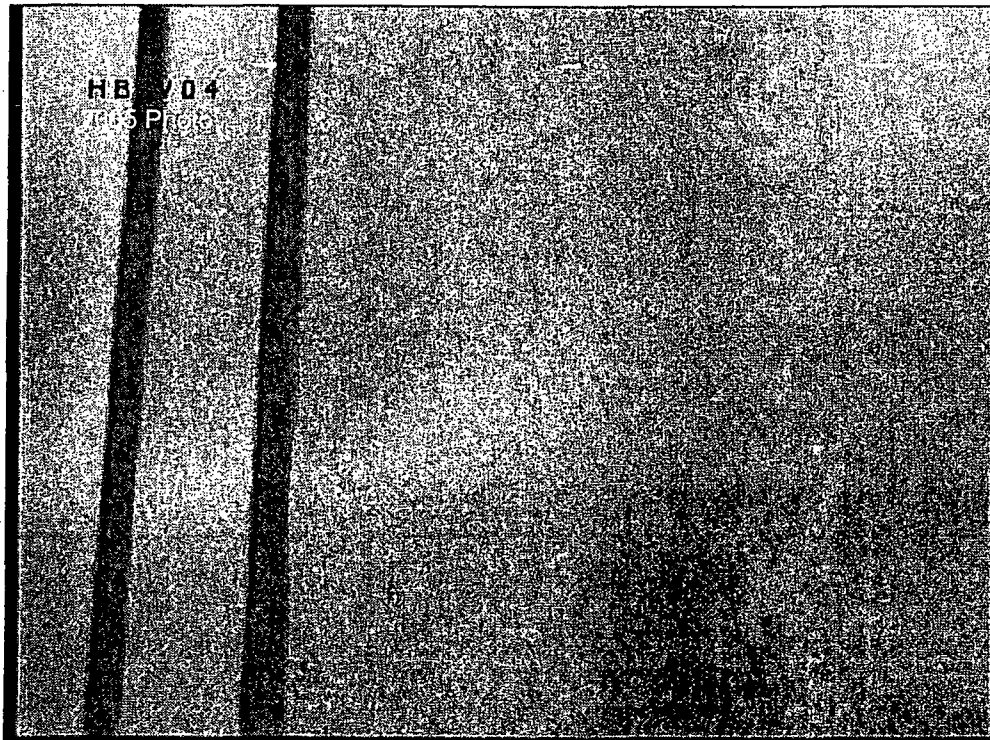


This 2007 photo is a close-up of the 1<sup>st</sup> indication (Correlates to RFO25: 1<sup>st</sup> indication).



# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report

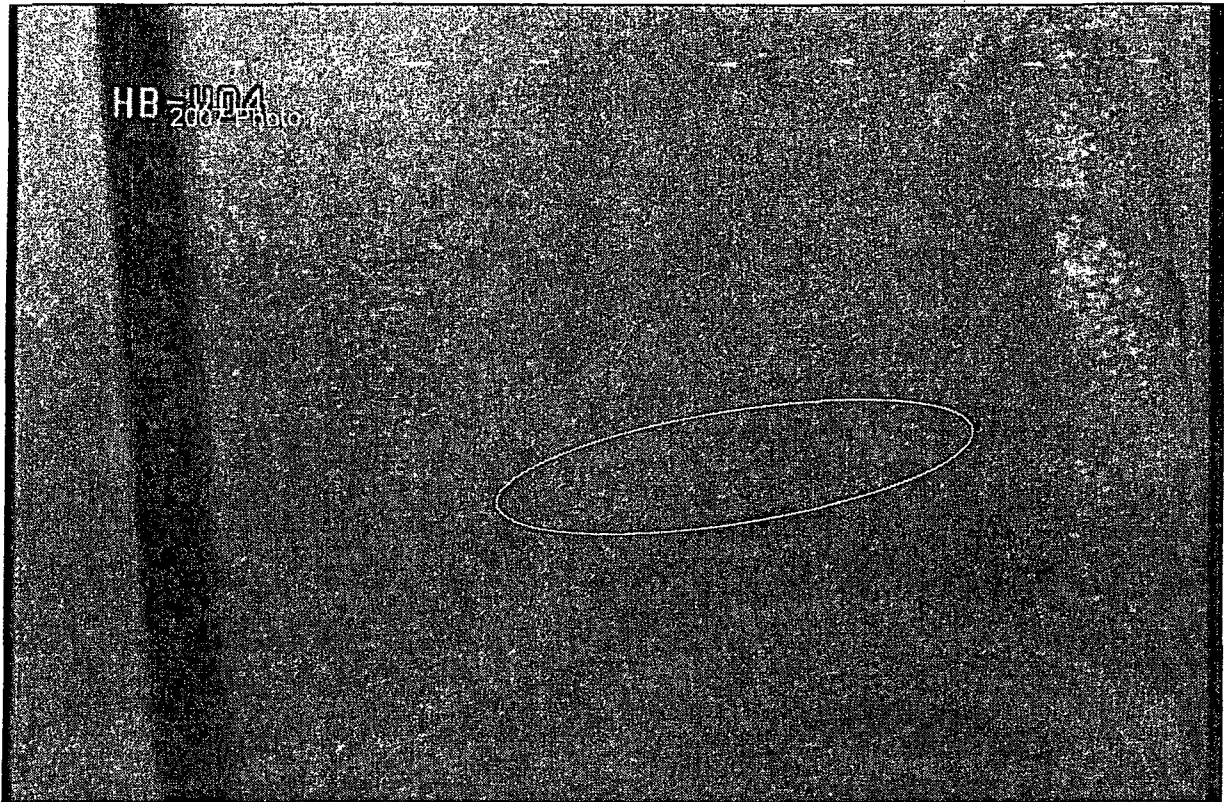


This 2007 photo is the 2<sup>nd</sup> indication (Correlates to RFO25: 2<sup>nd</sup> indication).





**INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04**  
Indication Notification Report

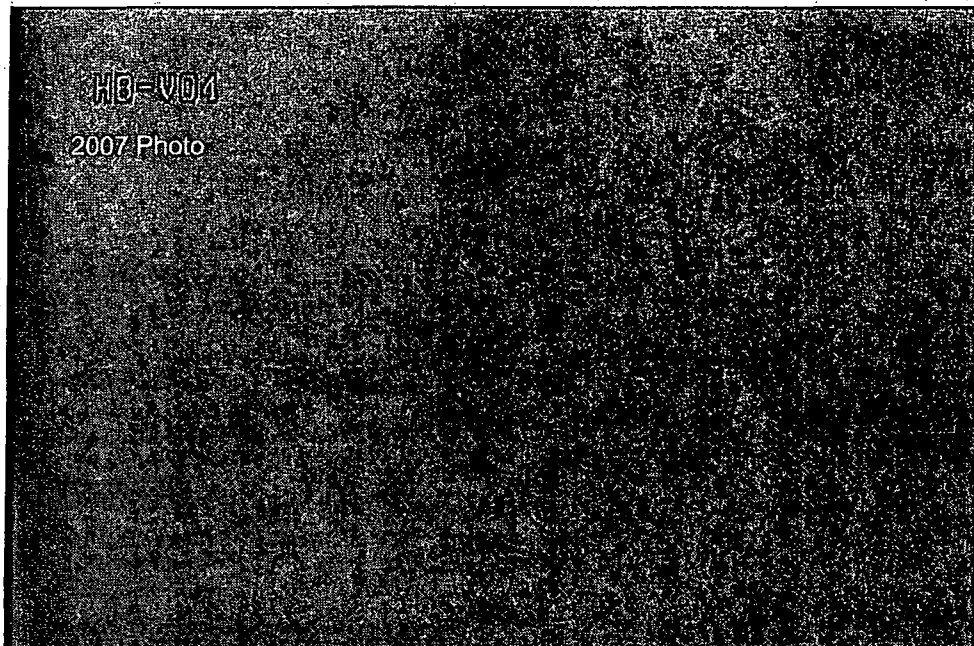


This is a 2007 photo of the 3<sup>rd</sup> indication and is a new RFO26 indication.



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



INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04  
Indication Notification Report



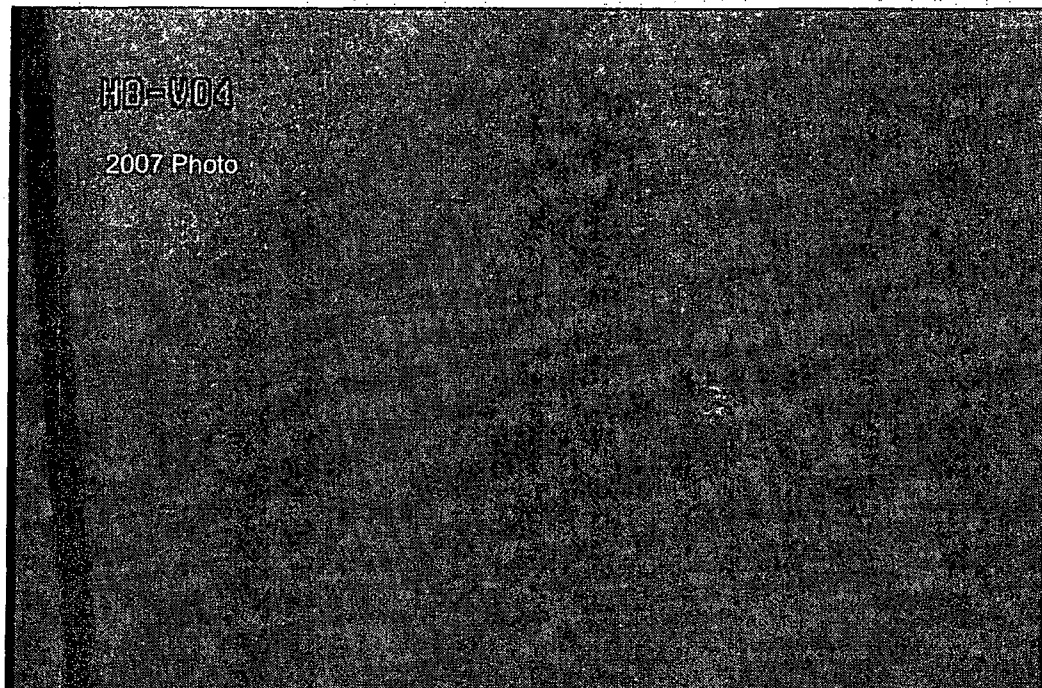
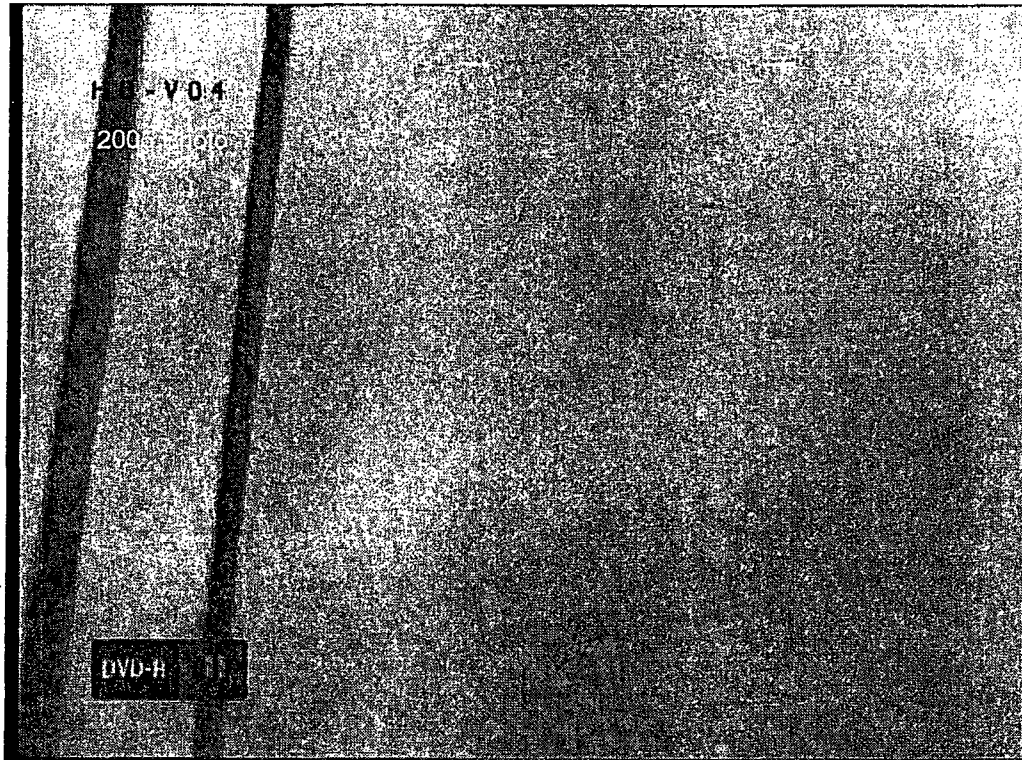
This is a 2007 photo of the 5<sup>th</sup> indication (Correlates to RFO25: 4th indication).





# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report

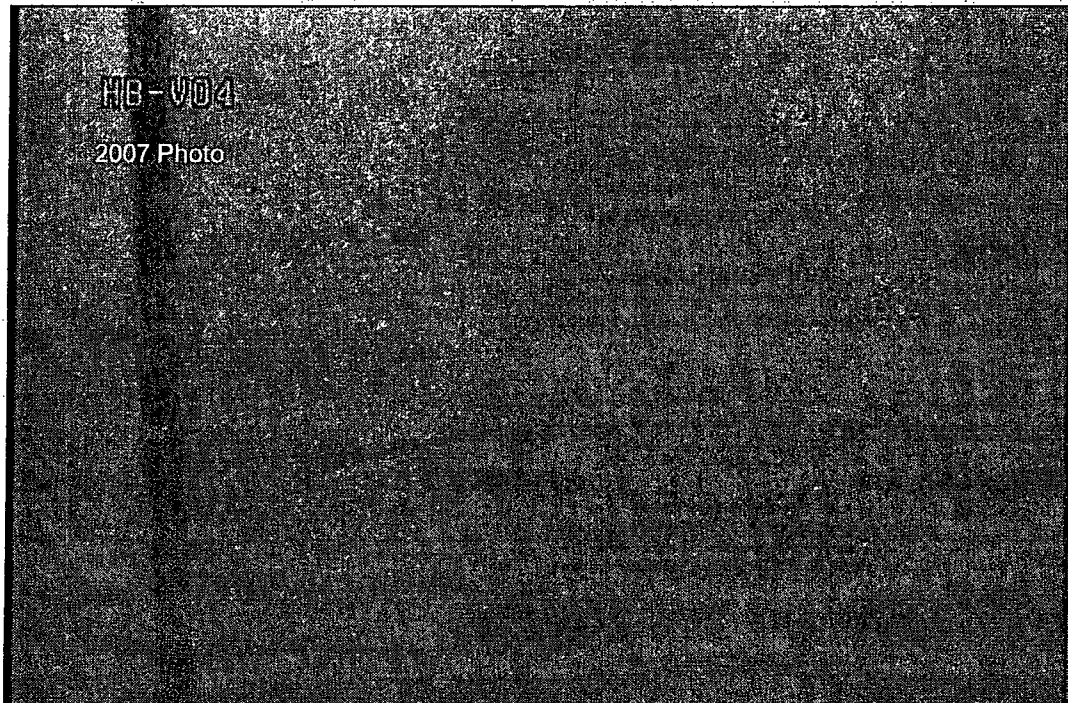


This is a 2007 photo of the 6<sup>th</sup> indication (Correlates to RFO25: 5th indication).





**INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04**  
Indication Notification Report

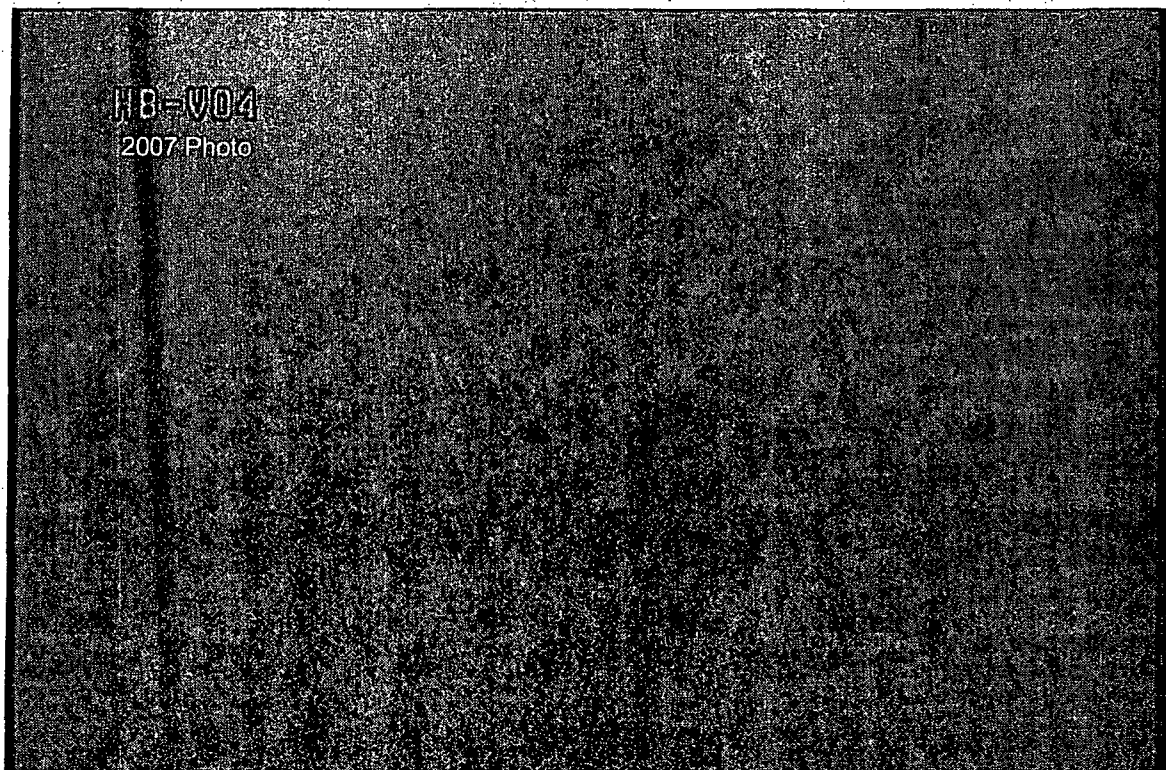
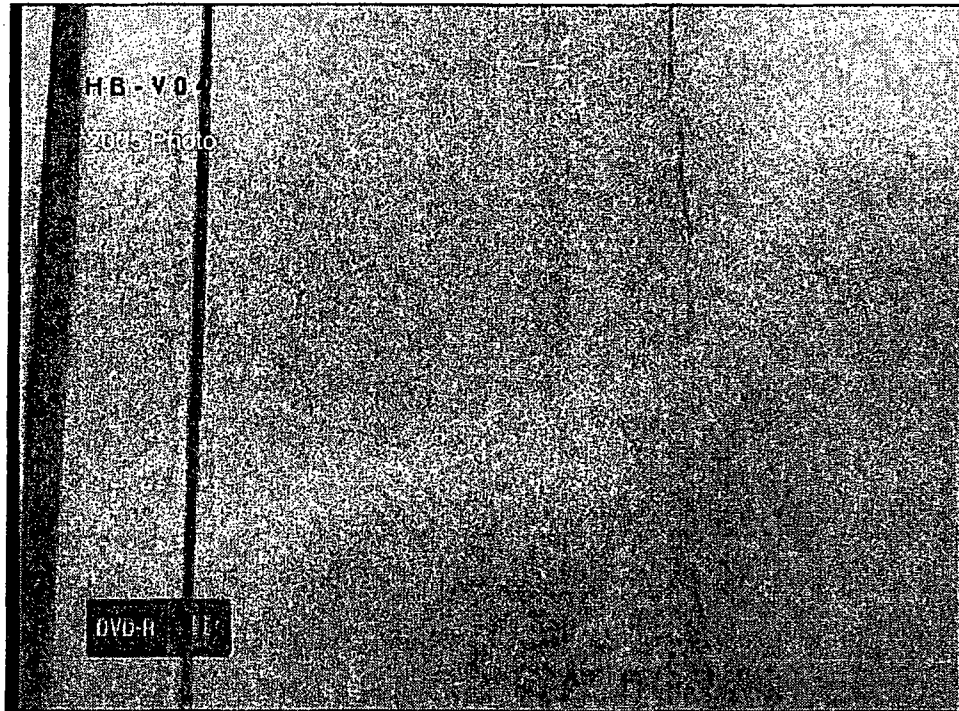


This is a 2007 photo of the 7<sup>th</sup> indication (Correlates to RFO25: 6th indication).



# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report

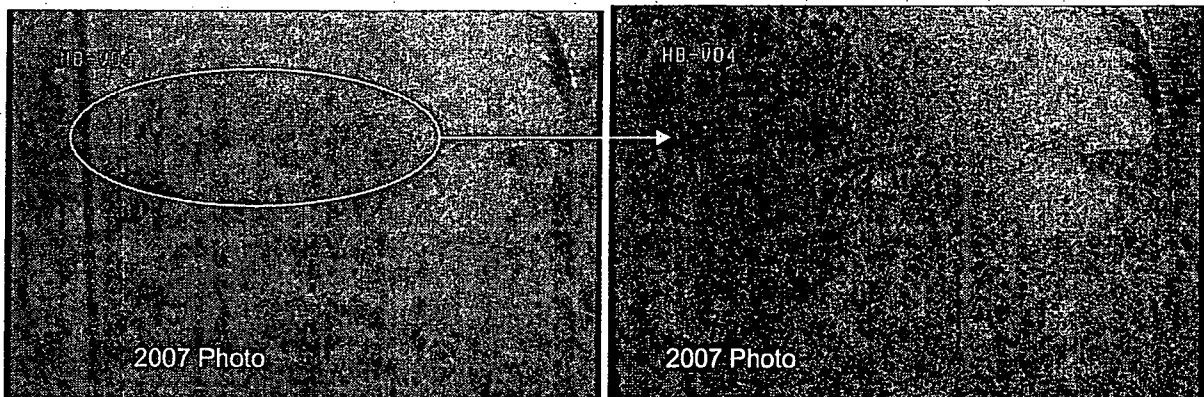
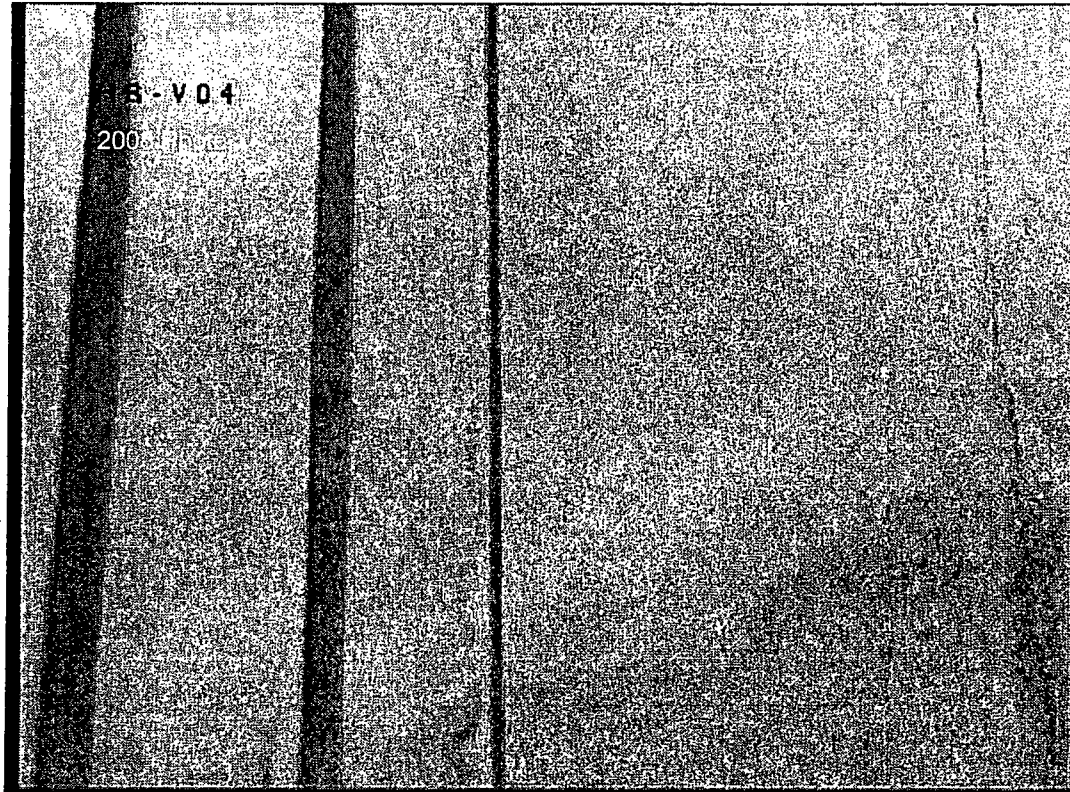


This is a 2007 photo of the 8<sup>th</sup> indication (Correlates to RFO25: 7th indication).



# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report



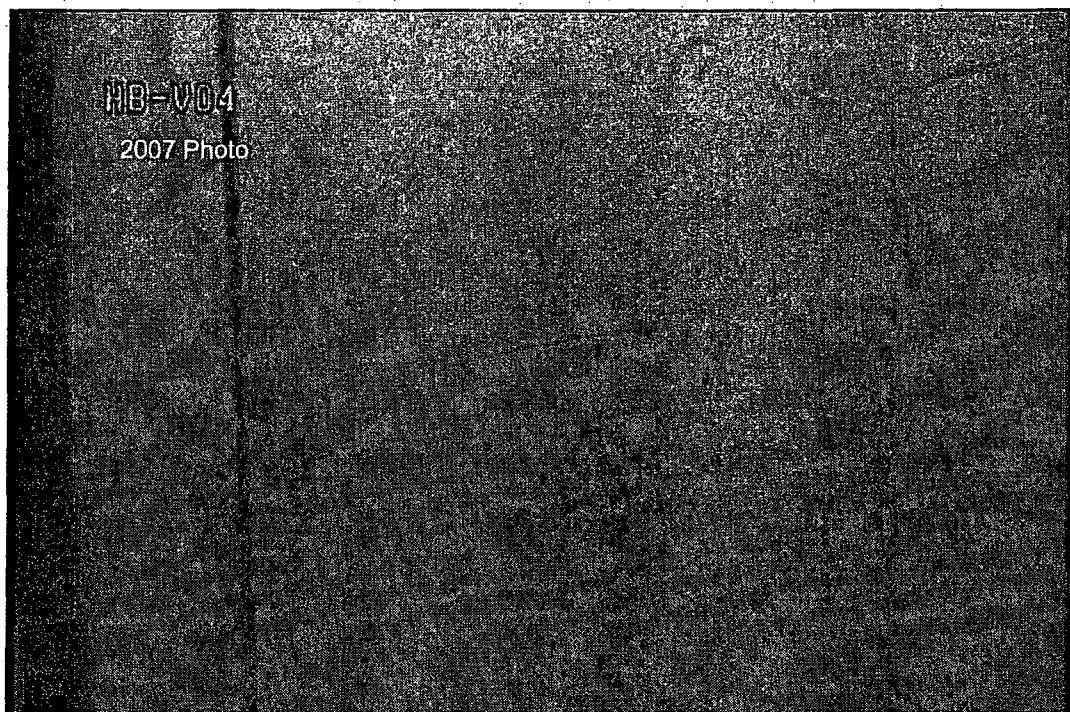
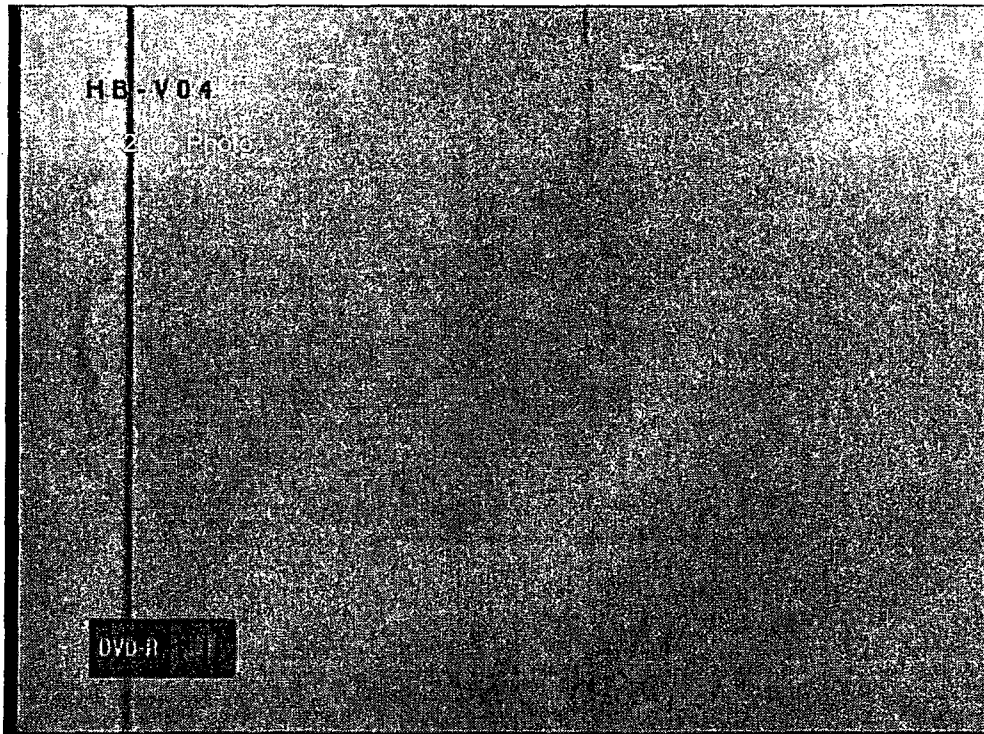
These 2007 photos show a linear indication and with a change of lighting there is no indication. This indication is considered non-relevant. (Correlates to RFO25: 9<sup>th</sup> indication).





# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report



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



# INR-IVVI-VYR26-07-10-Rev 1 Steam Dryer Interior HB-V04

## Indication Notification Report



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

**UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION**

Before the Atomic Safety and Licensing Board

In the Matter of

Entergy Nuclear Vermont Yankee, LLC  
and Entergy Nuclear Operations, Inc.

(Vermont Yankee Nuclear Power Station)

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)  
)  
)  
)  
)

Docket No. 50-271-LR  
ASLBP No. 06-849-03-LR

CERTIFICATE OF SERVICE

I, Clara Cavitt, hereby certify that complete copies of ATTACHMENT A TO THE NEW ENGLAND COALITION, INC.'S SUPPLEMENT TO OPPOSITION TO ENTERGY'S MOTION FOR SUMMARY DISPOSITION OF NEW ENGLAND COALITION CONTENTION 3 (STEAM DRYER), in the above-captioned proceeding were served on the persons listed below, by U.S. Mail, first class, postage prepaid; by Fed Ex overnight to Judge Elleman; and, where indicated by an e-mail address below, by electronic mail, on the 24th day of July, 2007.

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