

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
 WR Originator: BATCH
 Unit : 3 Project :
 W/O Type: PM TSK PRI: 3 W/O Dspln: N
 Planner : BAKERJ02 BAKER J D
 W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
 W/O Task Title: E,Q,OW, RB ASME XI IWE / IWL VISUAL
 EXAMIS LINER / CONCRETE
 Task Dspln : N Due By: 09/01/06



12/21/07

Work Order Package

00681043 08

MASTER
 Rpt : TIPMC11
 Date: 11/21/07

ISF
 Complete
 12/21/07

MASTER
 Page: 1

Work Order Task Written To

Facility : CR3 Unit : 3 Sys: MX PMT: N
 Equipment : PLA RB Component:
 Work Item : Eqt. List: Review Reqd: N
 Equip. Tag: RB;PLA Alt: RB
 Catalog ID: Job Type : OW UCR: UTC :
 Name : CONTAINMENT LINER PLATE
 Location : RB; RB, PLA (LINER); RB,STU (STRUCTURE & DOME)
 Crew :
 Resource Type: PERS Resource Code: QCON02 Qty: 3 Duration:
 Cost Centr: 60723D
 Percentage: 100.000 Acct No. : 00 20016571 W0401
 EPM Proj : Network Reference:

Nuclear Information

RWP Required : N Contain Closure : Doc Pkg : A Mode:
 Contain Integrity: Q Group : S QA Grade:
 Train Status : NCR :

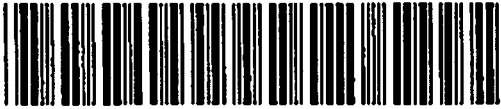
Work Order Task Instructions

*****PROBLEM DESCRIPTION*****
 THIS TASK WILL BE USED TO CAPTURE AND DOCUMENT THE VISUAL EXAMINATIONS OF
 REACTOR BUILDING CONCRETE CONTAINMENT AND LINER SURFACES.
 INSPECTIONS REQUIRED PER ASME XI, IWE (LINER) AND IWL (CONCRETE CONTAINMENT)

*****WORK DESCRIPTION*****
 DOCUMENT INSPECTIONS PERFORMED AS DIRECTED BY PROGRESS ENERGY PROGRAM MANAGER
 (RICK PORTMANN OR DESIGNEE).
 INSPECTIONS HAVE BEEN OR WILL BE BE PERFORMED IN ACCORDANCE WITH
 NDEP-0620, "VT-1 AND VT-3 VISUAL EXAMINATION OF ASME SECTION XI,
 SUBSECTION IWE COMPONENTS OF NUCLEAR POWER PLANTS" AND/OR
 NAP-02, PREPARATION AND CONTROL OF CR3 SITE SPECIFIC
 SPECIAL PROCESS SPECIFICATIONS AND GUIDELINES.

01/72

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
 WR Originator: BATCH
 Unit : 3 Project :
 W/O Type: PM TSK PRI: 3 W/O Dspln: N
 Planner : BAKERJ02 BAKER J D
 W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
 W/O Task Title: E,Q,OW, RB ASME XI IWE / IWL VISUAL
 EXAMIS LINER / CONCRETE
 Task Dspln : N Due By: 09/01/06



Work Order Package

00681043 08

MASTER
 Rpt : TIPMC11
 Date: 11/21/07

Page: 2

Rework/Approval

Deficiency Tag No.: Loc: Tag Removed:
 Rework Job : N Comments:


Task Requirements

FAC.	REG/REQ	VALUE	COMMENTS
CR3	ALARA NBR		
CR3	ANI NOTIFY		
CR3	BREACH	NA	
CR3	CLEANCLASS	NA	
CR3	CLR NBR	NA	
CR3	CLR REQ	N	
CR3	COMMITMENT		
CR3	DECON	N	
CR3	EQ	N	
CR3	FIRE PROT	NA	
CR3	ISI	YES	NIS-2 NOT REQ.
CR3	LCO		
CR3	MAINT RULE	MR	
CR3	NDE REQ		
CR3	QC	N	ISI INSPECTIONS OF RB
CR3	REAC MGMT		
CR3	RET TO SER		
CR3	RISK FACTR	T2	
CR3	RWP	Y	
CR3	RWP NBR		
CR3	SECURITY	NA	
CR3	WELD DOC	N	
CR3	WORK REL		
CR3	WORKAROUND	N	
CR3	ZERO TOL	NA	EC60735

Authorization

Start Permission :  Date: 11/21/07

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
 WR Originator: BATCH
 Unit : 3 Project :
 W/O Type: PM TSK PRI: 3 W/O Dspln: N
 Planner : BAKERJ02 BAKER J D
 W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
 W/O Task Title: E,Q,OW, RB ASME XI IWE / IWL VISUAL
 EXAMIS LINER / CONCRETE
 Task Dspln : N Due By: 09/01/06



Work Order Package

00681043 08

MASTER
 Rpt : TIPMC11
 Date: 11/21/07

Page: 3

Failure/Action Taken/As Found

Failure Category Code (F/NF)
 Action Taken Category Code:
 As Found Sub Category Code: (1-5)

~~01/12/10/07~~
~~MA/SC~~
~~N/A 3~~

Work Completion Signatures

Name	Function/Dept.	Date
<u>Baker</u>	<u>Eng - IWF</u>	<u>12/2/07</u>
_____	_____	_____
_____	_____	_____

01/12/10/07

Comments: _____

Rework Reason/Cause

CT COMPONENT FAILED
 I W INCOMPLETE WORK FROM MAINTENANCE
 REWORK

(Y/N)
 -
 -
 -

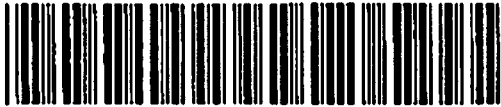
Date: _____
 Comments: _____

Completion Comments on Work Performed

Completion Comments Required : Y

Comments: IWE / IWL Examinations Completed
NCR's Generated : 256010, 256011, 256012

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
WR Originator: BATCH
Unit : 3 Project :
W/O Type: PM TSK PRI: 3 W/O Dspln: N
Planner : BAKERJ02 BAKER J D
O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: E,Q,OW, RB ASME XI IWF / IWL VISUAL
EXAMIS LINER / CONCRETE
Task Dspln : N Due By: 09/01/06



Work Order Package

00681043 08

MASTER

Rpt : TIPMC11

Date: 11/21/07

Page: 4

Completion Comments on Work Performed

Completion Comments Required : Y

Comments:

Comments:

Continued on Additional Sheets? : No

***** END OF REPORT *****

Facility: CR3 CRYSTAL RIVER PLANT NUCLEAR
Unit : 3 Project :
W/O Type: PM Priority: W/O Dspln: N
Planner : KARGED KARGEL D C
W/O Title : E, SP0182, RB STRUCT INTEG TENDON SU
W/O Task Title: E,Q,OW, RB ASME XI IWE / IWL VISUAL
EXAMIS LINER / CONCRETE
Written To :
Task Dspln : N Completed By:



Work Order Package

00681043 08

Rpt : TIPMC1A
Date: 11/21/2007

Page: 1

PM Related Information

PM Early Date: 06/02/05 PM Late Date: 12/01/07
PM Frequency Code: 5Y PM Frequency Days: 1825
PMID-RQ: 00029859 01

References/Document Information

Type/Subtyp: POM NUA	Number: NAP02	Sheet:
Title/Desc : PREPARATION AND CONTROL OF CR3 SITE SPECIFIC		Image: N
Type/Subtyp: MGEN MAN	Number: ISIIWE	Sheet:
Title/Desc : INSERVICE INSPECTION PROGRAM/CONTAINMENT INSPECTI		Image: N
Type/Subtyp: MGEN PRO	Number: NDEP-0620	Sheet:
Title/Desc : VT-1 AND VT-3 VISUAL EXAMINATION OF ASME SECTION		Image: N

***** END OF REPORT *****



November 7, 2007

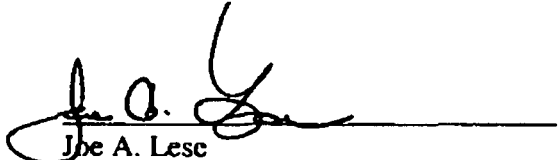
To: File

Subject: IWE/IWL Inspections

I have reviewed the visual NDE certifications for the below listed PSC and NIC personnel and found them to be acceptable to perform VT-3/VT-1 visual examinations of ASME Section XI, Sub-section IWE and IWL Components. In addition, it is understood that the NIC inspection personnel have satisfactorily demonstrated Remote Visual Examination Capability utilizing a previously approved CR3 qualified remote demonstration as witnessed by NIC's VT Level III on 11/1/07.

Personnel	Company	Certification	Cert. Expiration Dates	Eye Exam Date
Brian Gibson	PSC	VT-1L / VT-1C / VT-3C	8/10/09	6/15/08
Joseph H. LaTouche	NIC	VT, Level II	10/15/08	10/8/08
Henry J. Brooks	NIC	VT, Level II	10/13/10	10/13/08
Jason B. Sonnier	NIC	VT, Level II	10/13/10	10/13/08
Lenus F. Duplechain III	NIC	VT, Level II	10/13/10	10/13/08
Bernard P. Komara	NIC	VT, Level III	5/22/12	5/23/08
Chuck Bennett	NIC	VT, Level II	3/12/09	2/14/08
Marc Lablanc	NIC	VT, Level II	2/16/10	2/14/08
Brian S. Kissack	NIC	VT, Level II	10/23/08	2/14/08

This memorandum constitutes the acceptance by the Responsible Engineer for Progress Energy.



Joe A. Lesc

Design Engineering Structural

Progress Energy Florida, Inc.
Crystal River Nuclear Plant
15760 W. Power Line Street
Crystal River, FL 34428

IWL Exam Reports

Component ID	VT-3 Report No	VT-1 Report No	Summary No
RBCN-0001	VT-07-097	VT-07-201	L1.11.0001
RBCN-0002	VT-07-098	VT-07-118	L1.11.0002
RBCN-0003	VT-07-099	VT-07-130	L1.11.0003
RBCN-0003	VT-07-131	VT-07-132	L1.11.0003
RBCN-0004	VT-07-100		L1.11.0004
RBCN-0005	VT-07-101	VT-07-304	L1.11.0005
RBCN-0006	VT-07-102	VT-07-203	L1.11.0006
RBCN-0007	VT-07-103		L1.11.0007
RBCN-0008	VT-07-104	VT-07-300	L1.11.0008
RBCN-0009	VT-07-105	VT-07-302	L1.11.0009
RBCN-0010	VT-07-106	VT-07-288	L1.11.0010
RBCN-0011	VT-07-107	VT-07-227	L1.11.0011
RBCN-0012	VT-07-108	VT-07-230	L1.11.0012
RBCN-0013	VT-07-109	VT-07-229	L1.11.0013
RBCN-0014	VT-07-110	VT-07-228	L1.11.0014
RBCN-0015	VT-07-111	VT-07-289	L1.11.0015
RBCN-0016 (Buttress 1 to Buttress 2)	VT-07-112		L1.11.0016
RBCN-0016 (Buttress 2 to Buttress 3)	VT-07-113		L1.11.0017
RBCN-0016 (Buttress 3 to Buttress 4)	VT-07-114		L1.11.0018
RBCN-0016 (Buttress 4 to Buttress 5)	VT-07-115	VT-07-165	L1.11.0019
RBCN-0016 (Buttress 5 to Buttress 6)	VT-07-116		L1.11.0020
RBCN-0016 (Buttress 6 to Buttress 1)	VT-07-117		L1.11.0021

CPM0000 M&E INSTRUMENTATION [V10 PRODUCT]

CREATE OR CHANGE INFORMATION ABOUT A M&E INSTRUMENT.

UTC: 0007250506 Desc: METER LIGHT 0-1000 CANDLES 2 YEAR CALIBRATION

Inst. Category: MT
 Inst. Name: METER
 Inst. Type: LIGHT P2
 Scale: 0-1000 CANDLES
 In-Service Date: 09/31/99
 Image Address:
 Calibration Date: 06/12/2008
 Calib Date Due: 04/12/2010
 Shop ID: 10376

Inst. Status: ASSIGNED
 Storage Fac: CR3 Sub Loc: BA
 Owner Dept: 147 Owner Fac: CR3
 Manufacturer: GE LUMING
 Model: 227
 Serial Nbr: 058
 Catalog ID: 00000000000000000000
 Procedure Type: INSTRUCTION
 Procedure Nbr: 04259
 Containment:

Assigned To	From	To
BERNARD KONARA / CR3		

Buttons: [Save] [Print] [Export] [Login] [Sign Out]



CALIBRATION WORK SHEET

NO: 06-03-009

Test Equipment Tag No. TI3373 Due Date 06/24/2006 Today Saturday, June 17, 2006

Description: LIGHT METER Manufacturer: OE LIGHTING

Range: 0 TO 1800 FOOT CANDLES +/- 15% RDG.

Serial #: 0699 Model: 217

Check Reason: RETURN DAMAGED (J) _____ NON-ROUTINE CERT. (U) _____
 CYCLE: 24 SPECIAL CERTIFICATION (K) _____ FUNCTIONAL CHECK (W) _____
 RECERTIFICATION (M) MANUFACTURES CERT. (X) _____
 NEW EQUIPMENT (N) _____ CANNOT LOCATE (Y) _____

Calibration Instruction: CI 04259

Originator: CAL LAB Department: CALIBRATION LAB

CALIBRATION LAB USE ONLY

CERTIFIED PER	<u>AE</u> (I)	OUT-OF-TOLERANCE	_____ (O)
CALIBRATED PER	_____ (T)	ADJUSTMENT REQUIRED	_____ (A)
FUNCTIONAL CHECK PER	_____ (W)	REPAIR REQUIRED	_____ (S)
REMOVED BY	_____ (R)	UPDATED, NOT USED	_____ (*)
		OUT-OF-SERVICE	_____ (H)

Describe Work Performed: _____

OSC: AE HOURS: 1 OSC: _____ HOURS: _____ OSC: _____ HOURS: _____

TEST INSTRUMENT CAL DATE 6/17/06 DUE DATE 7/19/06

TEST STANDARDS USED	CAL DATE	DUE DATE	COMMENTS:
<u>TS-575</u>	<u>8/3/05</u>	<u>7/5/06</u>	

MMIS No: NONE
Location: 003A
DATE: 6-20-06

Approved By: [Signature]

11/21/2007 14:26 3525634921

3525634921 - Florida Power CAL LAB

Page 2

PAGE 02/03

CALIBRATION DATA SHEET
Secondary Standards Lab
CI-04-259

Page 1 of 1

CALIBRATION WORKSHEET NUMBER 06-05-009

I.D. NUMBER:	<u>TI 3375</u>
SERIAL NUMBER:	<u>0699</u>
MODEL NUMBER:	<u>217</u>
INSTRUMENT:	<u>LIGHT METER</u>
SPECIFICATIONS:	<u>0 TO 1000 FOOT CANDLES</u>
ACCURACY:	<u>+/- 15% RDC</u>

TEST INSTRUMENTS TO BE USED FOR CALIBRATION:

SUGGESTED STANDARD	ACTUAL STANDARD USED	DUE DATE
TS-553	TS-575	7/5/06
OR EQUIVALENT		

STANDARD RANGE	STANDARD INPUT/OUTPUT	AS FOUND INDICATION CODE <u>AF</u>	AS LEFT INDICATION CODE <u>AF</u>	TOLERANCE
FOOT CANDLES	FOOT CANDLES	FOOT CANDLES	FOOT CANDLES	FOOT CANDLES
0 TO 50	25	25		21 / 29
50 TO 250	150	160	SAME AS "AS FOUND"	127 / 173
200 TO 1000	600	640		510 / 690

CALIBRATED BY: AB DATE: 6/17/06

APPROVED [Signature] DATE 6-20-06

REVISION
-0-

DATE
09/11/99

Received: 11/27/07 1:47PM: 3525634921
 11/27/2007 14:26 3525634921
 3525634921 -> Florida Power : Page 3
 CAL LAB
 PAGE 03/03



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0001 Procedure Rev.: 2 Report No.: VT-07-097
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 95' to EL. 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0001
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0900 / 1145 / 1300 Cal Out 1600
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	Comments		Accept	Reject	N/A	Comments
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15) Efflorescense	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AMD MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED. SEE SUPPLEMENTAL REPORT.

Results: Accept Reject Eval

NCR 256010

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	10/30/2007	Joe Lese, PE	<i>[Signature]</i>	11-14-07
Duplechain, Lenus F.	II	<i>[Signature]</i>	10/30/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-097

Page: 2 of 3

Summary No.: L1.11.0001

Examiner: <u>LeBlanc, Marc J.</u> <i>MJL</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11.14.07</u>
Examiner: <u>Duplechain, Lenus F.</u> <i>L.F.</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/27/07</u>

Comments:

ITEM # 1 (REFERENCE PAGE 1, CONDITION 9) - RUST STAIN 25' X 4" (SEE VT-1C REPORT VT-07-201).

ITEM # 2 (REFERENCE PAGE 1, CONDITION 10) - GREASE AND RUST STAIN 17' X 3" (SEE VT-1C REPORT VT-07-201).

ITEM # 3 (REFERENCE PAGE 1, CONDITION 7) - POPOUT, 2 1/2" X 2 1/2" X 1" (SEE VT-1C REPORT VT-07-201).

ITEM # 4 (REFERENCE PAGE 1, CONDITION 10) - GREASE LEAK ON SIDE OF BUTRESS #6 FROM TENDONS RUST STAIN 25' X 4" (SEE VT-1C REPORT VT-07-201).



Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0001 Procedure Rev.: 2 Report No.: VT-07-201
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 95' to EL. 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0001
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPE MEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0900 / 1145 / 1300 Cal Out 1600
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>				
	Accept	Reject	N/A	Comments	Accept	Reject	N/A	Comments	
1) Spalling	—	—	X	—	12) Reinforcing Bar Corrosion	—	—	X	—
2) Cracking	—	—	X	—	13) Rust Bleeding	—	—	X	—
3) Delaminations	—	—	X	—	14) Tendon Surface Cracking	—	—	X	—
4) Honeycomb	—	—	X	—	15) Efflorescence	—	—	X	—
5) Water In Leakage	—	—	X	—	16) Cosmetic Patch Bond	—	—	X	—
6) Chemical Leaching	—	—	X	—	17) Voids	—	—	X	—
7) Popouts	—	—	—	X	18) Erosion	—	—	X	—
8) Deflection	—	—	X	—	19) Pitting	—	—	X	—
9) Staining	—	—	—	X	20) Abrasion	—	—	X	—
10) Discoloration	—	—	—	X	21) Segregation	—	—	X	—
11) Vibration Damage	—	—	X	—	22) Other	—	—	X	—

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

NCR 256010

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	10/30/2007	Joe Lese, PE	<i>[Signature]</i>	11/14/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.		<i>[Signature]</i>	10/30/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-201

Page: 2 of 3

Summary No.: L1.11.0001

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-14-07</u>
Examiner: <u>Duplechain, Lenus F. <i>LF</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

ITEM # 1 (REFERENCE PAGE 1, CONDITION 9) - APPROXIMATE ELEVATION 119', APPROXIMATE AZMUTH 190°, 25' X 4" RUST STAIN (SEE VT-3C REPORT VT-07-097) VT-1C DETERMINED STAIN WAS DUE TO PREVIOUS SPILLAGE, NO DEGRADATION TO CONCRETE.

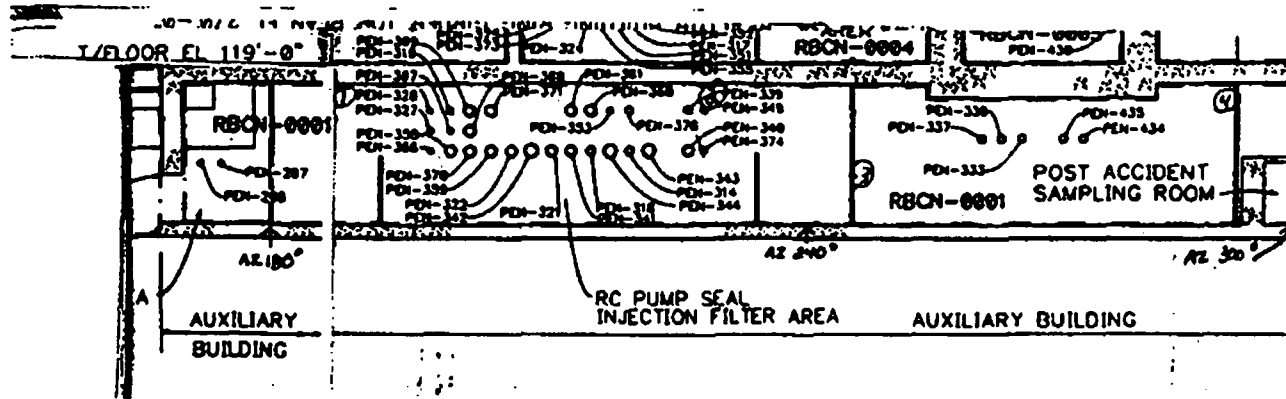
ITEM # 2 (REFERENCE PAGE 1, CONDITION 10) - APPROXIMATE ELEVATION 119', APPROXIMATE AZMUTH 235°, 17' X 3" GREASE AND RUST STAIN (SEE VT-3C REPORT VT-07-097) VT-1C DETERMINED DISCOLORATION WAS GREASE/RUST, NO DEGRADATION TO CONCRETE.

ITEM # 3 (REFERENCE PAGE 1, CONDITION 7) - APPROXIMATE ELEVATION 102', APPROXIMATE AZMUTH 245°, POPOUT, 2 1/2" X 2 1/2" X 1". (SEE VT-3C REPORT VT-07-097)

ITEM # 4 (REFERENCE PAGE 1, CONDITION 10) - APPROXIMATE ELEVATION 118', APPROXIMATE AZMUTH 295°, VT-1C DETERMINED DISCOLORATION WAS OIL/GREASE (SEE VT-3C REPORT VT-07-097) DUE TO COVER LEAKAGE/PREVIOUS SPILLAGE, NO DEGRADATION TO CONCRETE.

Summary No.: L1.11.0001

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-201.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0002 Procedure Rev.: 2 Report No.: VT-07-098
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 95' to EL. 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0002
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) Voids	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 94/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	10/31/2007	Joe Lese, PE	<i>Joe Lese</i>	11/14/07
Sonnier, Jason B.	II	<i>Jason Sonnier</i>	10/31/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Kissack, Brian S.	I	<i>Brian Kissack</i>	10/31/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-098
Page: 2 of 2

Summary No.: L1.11.0002

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JAL</i></u>	Date: <u>11.14.07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>Kjssack, Brian S. <i>BSE</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/21/07</u>

Comments:

- ITEM # 1 : (REFERENCE PAGE 1 - CONDITION 17): 8" L X 4" W X 1 1/4" D - VOID AREA (SEE VT-1C REPORT VT-07-118)
- ITEM # 2 : (REFERENCE PAGE 1 - CONDITION 10): 14" L X 24" W - DISCOLORATION AREA (SEE VT-1C REPORT VT-07-118)
- ITEM # 3 : (REFERENCE PAGE 1 - CONDITION 09): 14" L X 24" - STAINING AREA (SEE VT-1C REPORT VT-07-118)
- ITEM # 4 : (REFERENCE PAGE 1 - CONDITION 08): 8" L X 4" W X 1" D - DEFLECTION AREA (SEE VT-1C REPORT VT-07-118)



Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0002 Procedure Rev.: 2 Report No.: VT-07-118
 Workscope: ISI Work Order No.: _____ Page: 1 of 5

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 95' to EL. 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0002
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPEMEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Spalling	—	—	<input checked="" type="checkbox"/>	—	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>	—
2) Cracking	—	—	<input checked="" type="checkbox"/>	—	13) Rust Bleeding	—	—	<input checked="" type="checkbox"/>	—
3) Delaminations	—	—	<input checked="" type="checkbox"/>	—	14) Tendon Surface Cracking	—	—	<input checked="" type="checkbox"/>	—
4) Honeycomb	—	—	<input checked="" type="checkbox"/>	—	15) Efflorescence	—	—	<input checked="" type="checkbox"/>	—
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	16) Cosmetic Patch Bond	—	—	<input checked="" type="checkbox"/>	—
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	17) Voids	—	—	—	<input checked="" type="checkbox"/>
7) Popouts	—	—	<input checked="" type="checkbox"/>	—	18) Erosion	—	—	<input checked="" type="checkbox"/>	—
8) Deflection	—	—	—	<input checked="" type="checkbox"/>	19) Pitting	—	—	<input checked="" type="checkbox"/>	—
9) Staining	—	—	—	<input checked="" type="checkbox"/>	20) Abrasion	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>	21) Segregation	—	—	<input checked="" type="checkbox"/>	—
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	22) Other	—	—	<input checked="" type="checkbox"/>	—

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A

NCR 256010
 Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	Level III	<i>B.P. Komara</i>	10/31/2007	Joe Lese, PE	<i>Joe Lese</i>	11/14/07
Sonnier, Jason B.	Level II	<i>Jason Sonnier</i>	10/31/2007	Site Review Rick Portmann	<i>Rick Portmann</i>	11/22/07
Kissack, Brian S.	Level II	<i>Brian Kissack</i>	10/31/2007	ANII Review Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-118

Page: 2 of 5

Summary No.: L1.11.0002

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>1.14.07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>Kissack, Brian S. <i>BKS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 17): Approximate Elevation 98'. Approximate Azimuth 345 Degrees. 8" L X 4" W X 1 1/4" D void area. (See VT-3C Report 07-098).

Item #2 (Reference Page 1 – Condition 10): Approximate Elevation 119'. Approximate Azimuth 55 Degrees. 14' L X 24" W white discoloration area. (See VT-3C Report 07-098).

VT-1C determined that discoloration was due to previous spillage. No degradation to concrete surface identified.

Item #3 (Reference Page 1 – Condition 09): Approximate Elevation 119'. Approximate Azimuth 05 Degrees. 14' L X 24" W dark staining area. (See VT-3C Report 07-098).

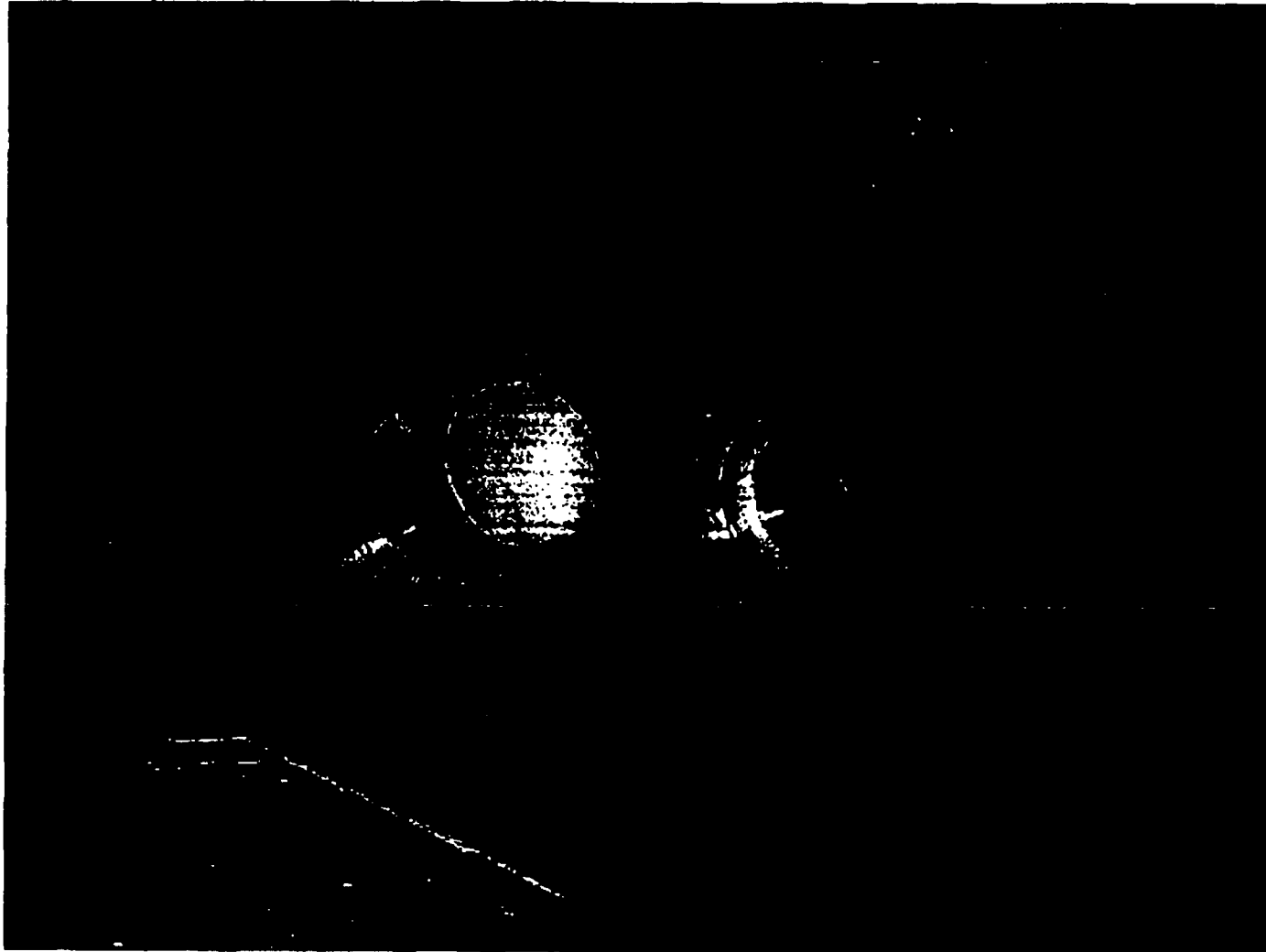
VT-1C determined that discoloration was oil/grease due to tendon cover leakage/previous spillage. No degradation to concrete surface identified. Note: this condition is typical for all buttress surfaces. RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-118-2.jpg.

Item #4 (Reference Page 1 – Condition 08): Approximate Elevation 99'. Approximate Azimuth 45 Degrees. 18" L X 4" W X 1" D deflection area. (See VT-3C Report 07-098). VT-1C determined that this condition is probably due to form slippage during initial construction. Tap testing indicated presence of sound concrete beyond 1" from the edge.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-118-3.jpg.

Summary No.: L1.11.0002

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-118-2.jpg



POOR QUALITY COPY

Summary No.: L1.11.0002

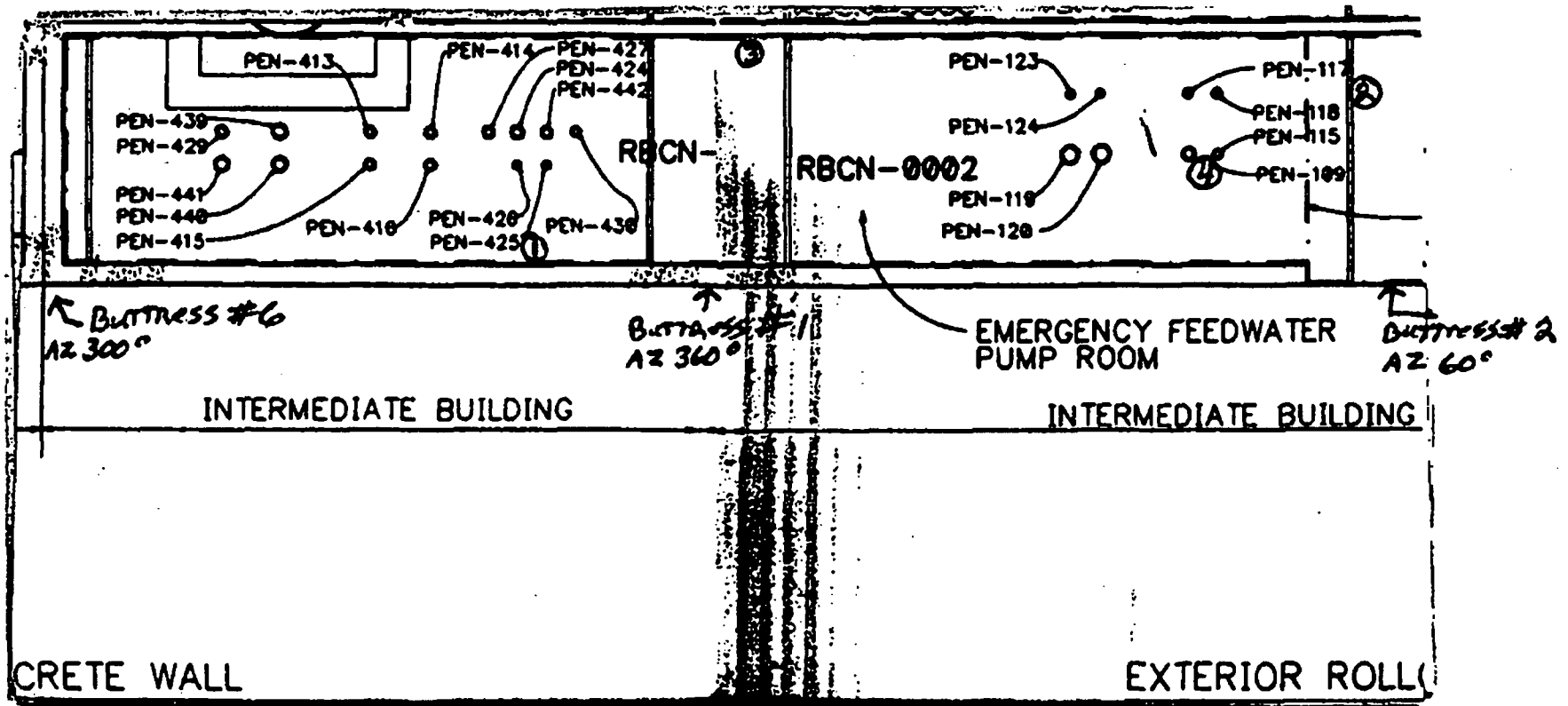
Sketch or Photo: L:\Engineering\Tech Services\USI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-118-3.jpg

POOR QUALITY COPY



Summary No.: L1.11.0002

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-118-1.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0003 Procedure Rev.: 2 Report No.: VT-07-099
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 95' to EL 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0003
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS WERE NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	10/30/2007	Joe Lese, PE	<i>J. Lese</i>	11/15/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.	II	<i>Jason Sonnier</i>	10/31/2007	Rick Portmann	<i>Rick Portmann</i>	11/27/07
Other	Level	Signature	Date	ANII Review	Signature	Date
Kissack, Brian S.	I	<i>Brian Kissack</i>	10/31/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-099

Page: 2 of 3

Summary No.: L1.11.0003

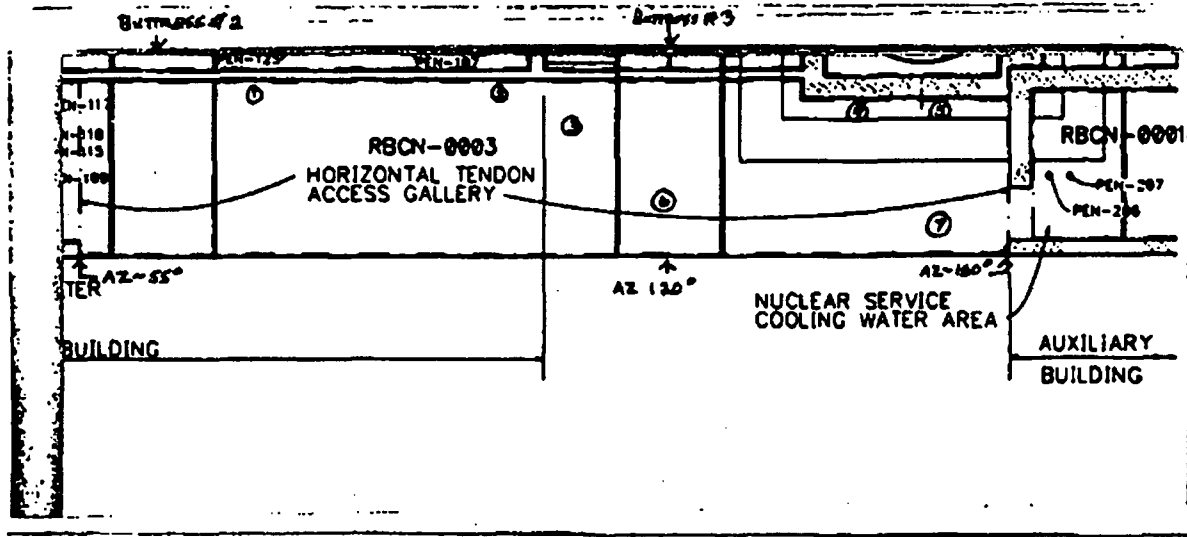
Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-16-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>Kissack, Brian S. <i>BSK</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #1 (Reference Page 1 - Condition 22): Two (2) -24" L X 3/4" Dia. threaded rods protruding. (See VT-1C Report VT-07-130)
- Item #2 (Reference Page 1 - Condition 22): One (1) -3/4" Dia. Braided grounding cable protruding. (See VT-1C Report VT-07-130)
- Item #3 (Reference Page 1 - Condition 04): 6" L X 4" W X 1-1/4" Deep honeycombed area. (See VT-1C Report VT-07-130).
- Item #4 (Reference Page 1 - Condition 22): Multiple abandoned anchor and embedded wire locations. (See VT-1C Report VT-07-130)
- Item #5 (Reference Page 1 - Condition 07): Four (4) popout locations. (See VT-1C Report VT-07-130).
- Item #6 (Reference Page 1 - Condition 22): Wood embedment in concrete. (See VT-1C Report VT-07-130).
- Item #7 (Reference Page 1 - Condition 09): Staining of concrete. (See VT-1C Report VT-07-130).

Summary No.: L1.11.0003

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0003.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0003 Procedure Rev.: 2 Report No.: VT-07-130
 Workscope: ISI Work Order No.: 681043 Page: 1 of 6

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 95' to EL 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0003
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPE MEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	—	—	<input checked="" type="checkbox"/>	—	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>	—
2) Cracking	—	—	<input checked="" type="checkbox"/>	—	13) Rust Bleeding	—	—	<input checked="" type="checkbox"/>	—
3) Delaminations	—	—	<input checked="" type="checkbox"/>	—	14) Tendon Surface Cracking	—	—	<input checked="" type="checkbox"/>	—
4) Honeycomb	—	—	—	<input checked="" type="checkbox"/>	15) Efflorescence	—	—	<input checked="" type="checkbox"/>	—
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	16) Cosmetic Patch Bond	—	—	<input checked="" type="checkbox"/>	—
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	17) Voids	—	—	<input checked="" type="checkbox"/>	—
7) Popouts	—	—	—	<input checked="" type="checkbox"/>	18) Erosion	—	—	<input checked="" type="checkbox"/>	—
8) Deflection	—	—	<input checked="" type="checkbox"/>	—	19) Pitting	—	—	<input checked="" type="checkbox"/>	—
9) Staining	—	—	—	<input checked="" type="checkbox"/>	20) Abrasion	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—	21) Segregation	—	—	<input checked="" type="checkbox"/>	—
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	22) Other	—	—	—	<input checked="" type="checkbox"/>

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	10/31/2007	Joe Lese, PE	<i>Joe Lese</i>	11/15/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.	II	<i>Jason B. Sonnier</i>	10/31/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
Kissack, Brian S.	II	<i>Brian S. Kissack</i>	10/31/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-130

Page: 2 of 6

Summary No.: L1.11.0003

Examiner:	<u>Komara, Bernard P. <i>BPK</i></u>	Level:	<u>III</u>	Reviewer:	<u>Joe Lese, PE <i>JL</i></u>	Date:	<u>11/16/07</u>
Examiner:	<u>Sonnier, Jason B. <i>JBS</i></u>	Level:	<u>II</u>	Site Review:	<u>Rick Portmann <i>RJP</i></u>	Date:	<u>11/22/07</u>
Other:	<u>Kissack, Brian S. <i>BKS</i></u>	Level:	<u>II</u>	ANII Review:	<u>Tom Wyatt, ANII <i>TW</i></u>	Date:	<u>11/27/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 22): Approximate Elevation 117'. Approximate Azimuth 80 Degrees. Two (2) -24" L X ¾" Diameter. threaded rods protruding. (See VT-3C Report VT-07-099). VT-1C determined light corrosion of rods and no degradation to concrete surface.

Item #2 (Reference Page 1 – Condition 22): Approximate Elevation 117'. Approximate Azimuth 100 Degrees. One (1) -¾" Dia. Braided grounding cable protruding. (See VT-3C Report VT-07-099). VT-1C determined no degradation to concrete surface.

Item #4 (Reference Page 1 – Condition 22): Approximate Elevation 117'. Approximate Azimuth 140 Degrees. Multiple abandoned anchor and embedded wire locations. (See VT-3C Report VT-07-099). VT-1C determined that there is no rust staining or additional degradation to the concrete surface.

Item #5 (Reference Page 1 – Condition 07): Approximate Elevation 117'. Approximate Azimuth 150 Degrees. Four (4) popout locations each - 3" Diameter and - ¾" Deep. (See VT-3C Report VT-07-099). VT-1C determined that these popouts probably resulted from extraction of embedded anchors. No rust staining or exposed rebar was identified in these areas.

Item #6 (Reference Page 1 – Condition 22): Approximate Elevation 105'. Approximate Azimuth 120 Degrees. 18" L X ¾" W wood embedment in concrete. Located at center vertical joint of Buttress #3. (See VT-3C Report VT-07-099). VT-1C determined that this condition resulted from failure to totally remove a forming strip during construction. No concrete degradation was identified.



Supplemental Report

Report No.: VT-07-130
Page: 3 of 6

Summary No.: L1.11.0003

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-15-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>Kissack, Brian S. <i>BKS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments: **Item #3 (Reference Page 1 – Condition 04): Approximate Elevation 114'. Approximate Azimuth 110 Degrees. 6" L X 4" W X 1-1/4" Deep honeycombed area. (See VT-3C Report VT-07-099). VT-1C determined that there is no rust staining, exposed rebar, or additional degradation to the concrete surface identified.**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-130-1.jpg

POOR QUALITY COPY





Supplemental Report

Report No.: VT-07-130

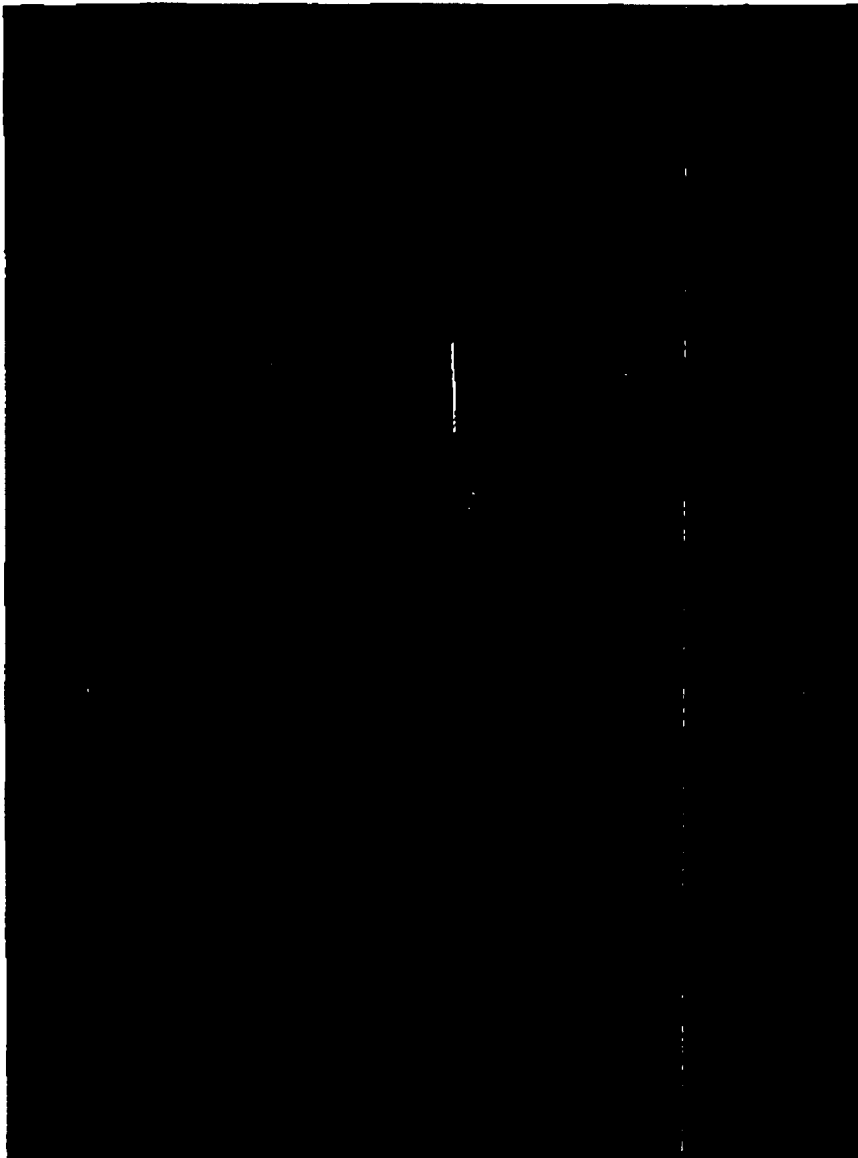
Page: 4 of 6

Summary No.: L1.11.0003

Examiner: <u>Komara, Bernard P. <i>BP/K</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>Joe</i></u>	Date: <u>11/15/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>4/22/07</u>
Other: <u>Kissack, Brian S. <i>BSK</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments: Item #7 (Reference Page 1 – Condition 09): Approximate Elevation 100'. Approximate Azimuth 150 Degrees. Staining of concrete. (See VT-3C Report VT-07-099). VT-1C determined that a 10' L crack (<.040") exists and that a fluid suspected to be grease or oil is seeping from the crack. Paint has partially delaminated at this location. The substance was wiped off and re-emerged. There is a small puddle of the fluid on the floor at this location.

Sketch or Photo: L:\Engineering\Tech Services\USI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-130-2.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-130
Page: 5 of 6

Summary No.: L1.11.0003

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Less, PE *JL*

Date: 11-15-07

Examiner: Sonnier, Jason B. *JBS*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: Klasack, Brian S. *BSK*

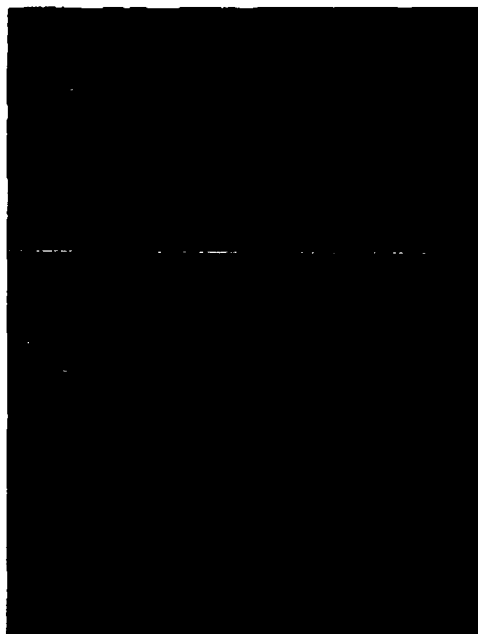
Level: II

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM #7.**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-130-3.jpg



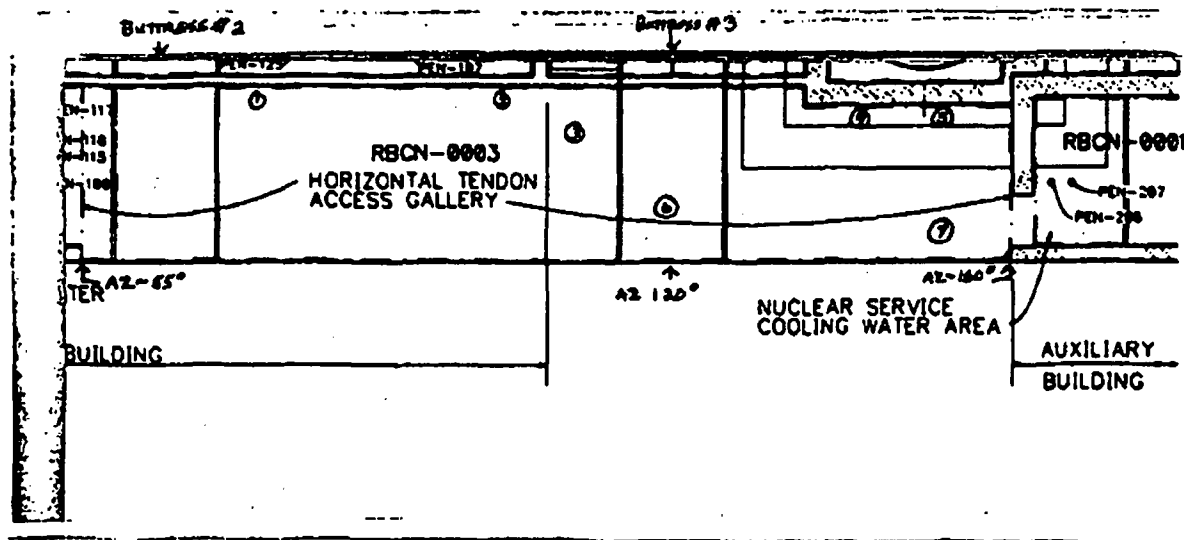
Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-130-4.jpg



POOR QUALITY COPY

Summary No.: L1.11.0003

Sketch or Photo: L:\Engineering\Tech Services\USI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0003.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0003 Procedure Rev.: 2 Report No.: VT-07-131
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 95' to EL 119'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0003
 Limitations: (BELOW 95') EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an Inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0920 / N/A / N/A Cal Out 1150
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>				
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments	
1) Spalling	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	12) Reinforcing Bar Corrosion	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
2) Cracking	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	13) Rust Bleeding	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
3) Delaminations	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	14) Tendon Surface Cracking	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
4) Honeycomb	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	15) Efflorescence	<u> </u>	<u> </u>	<u> </u>	<u>X</u>
5) Water In Leakage	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	16) Cosmetic Patch Bond	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
6) Chemical Leaching	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	17) Voids	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
7) Popouts	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	18) Erosion	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
8) Deflection	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	19) Pitting	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
9) Staining	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	20) Abrasion	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
10) Discoloration	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	21) Segregation	<u> </u>	<u> </u>	<u>X</u>	<u> </u>
11) Vibration Damage	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	22) Other	<u> </u>	<u> </u>	<u> </u>	<u>X</u>

Comments: **RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL INFORMATION.**

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11-15-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>Rick Portmann</i>	11/21/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-131

Page: 2 of 2

Summary No.: L1.11.0003

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-15-07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/27/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

THE S-425-XXX SERIES DRAWINGS DO NOT CONTAIN A DRAWING FOR THE TENDON GALLERY CEILING WHICH IS WITHIN THE IWL BOUNDARY (ELEVATION BELOW 93', IB/AB. IN ADDITION, THERE IS NOT AN ITEM IN IDEAL TO TRACK THIS AREA FOR REQUIRED EXAMS.



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0004 Procedure Rev.: 2 Report No.: VT-07-100
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 119' to EL. 143'
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0004
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an Inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0900 / 1145 / 1300 Cal Out 1600
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

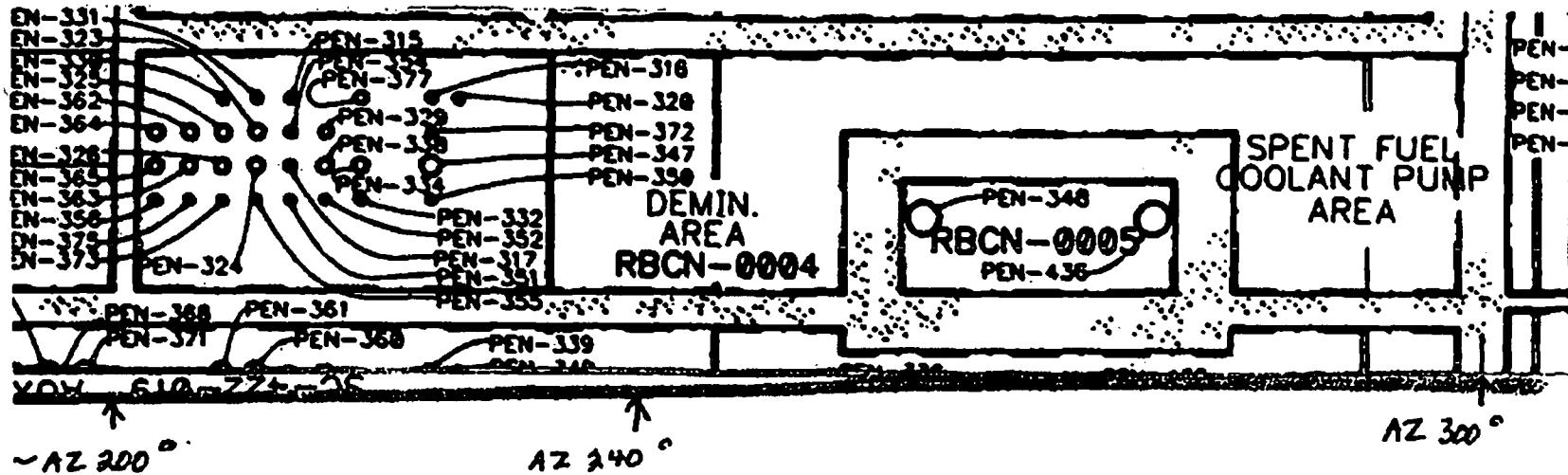
	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments: **RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA WAS VERIFIED AND NO CHANGES WERE NOTED.**
 Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	10/30/2007	Joe Lese, PE	<i>[Signature]</i>	11/14/07
Duplchain, Lenus F.	II	<i>[Signature]</i>	10/30/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07

Summary No.: L1.11.0004

Sketch or Photo: L:\Engineering\Tech Services\MSI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-100.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0005 Procedure Rev.: 2 Report No.: VT-07-101
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 119' to EL. 129'
 Drawing No.: S-425-002 Description: Concrete Surface; Only accessible via fuel transfer tube inspect
 System ID: Concrete Containment
 Component ID: RBCN-0005
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0745 / N/A / N/A Cal Out 1030
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>				
	Accept	Reject	N/A			Accept	Reject	N/A	See Comments	
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9) Staining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURES AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	Level III	<i>B.P. Komara</i>	11/2/2007	Joe Lese, PE	<i>Joe Lese</i>	11-22-07
Sonnier, Jason B.	Level II	<i>Jason B. Sonnier</i>	11/2/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Kissack, Brian S.	Level II	<i>Brian S. Kissack</i>	11/2/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-101

Page: 2 of 3

Summary No.: L1.11.0005

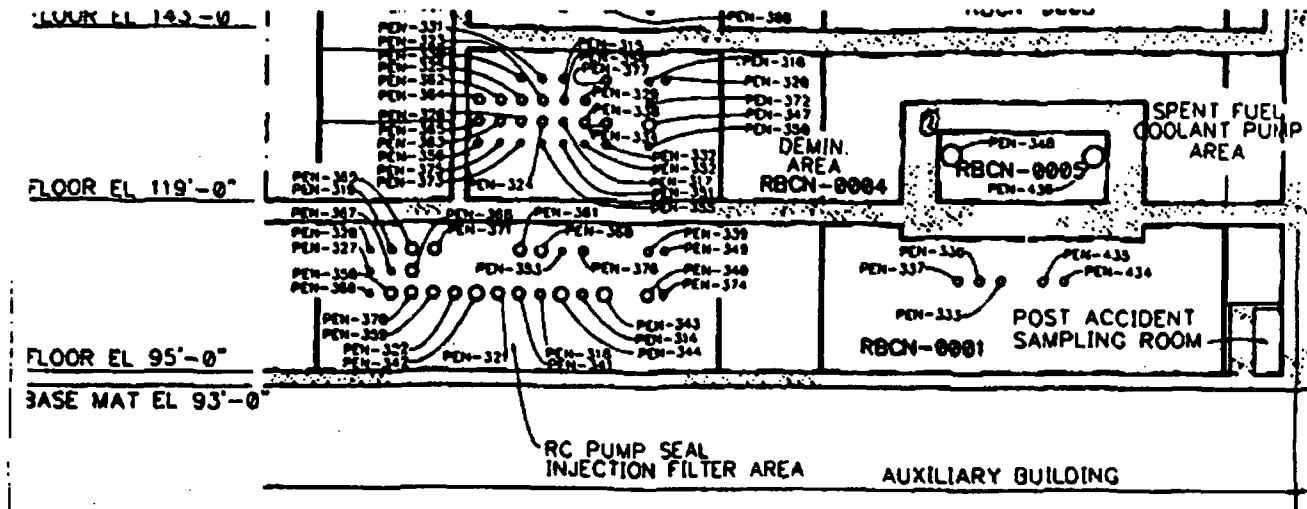
Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>11/22/07</u>
Other: <u>Kissack, Brian S. <i>BKS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/22/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 09): Staining. (See VT-1C Report VT-07-304).

Summary No.: L1.11.0005

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0005.jpg



EXTERIOR ROLLOUT CONTAINMENT CONCRE

NOTES:

- "RBCN-XXXX" DENOTES CONCRETE COMPONENT ID.
- DENOTES BOUNDARY OF CONCRETE COMPONENT



Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0005 Procedure Rev.: 2 Report No.: VT-07-304
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 119' to EL. 129'
 Drawing No.: S-425-002 Description: Concrete Surface; Only accessible via fuel transfer tube inspect
 System ID: Concrete Containment
 Component ID: RBCN-0005
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0745 / N/A / N/A Cal Out 1030
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	Comments		Accept	Reject	N/A	Comments
1) Spalling	—	—	X	—	12) Reinforcing Bar Corrosion	—	—	X	—
2) Cracking	—	—	X	—	13) Rust Bleeding	—	—	X	—
3) Delaminations	—	—	X	—	14) Tendon Surface Cracking	—	—	X	—
4) Honeycomb	—	—	X	—	15) Efflorescence	—	—	X	—
5) Water In Leakage	—	—	X	—	16) Cosmetic Patch Bond	—	—	X	—
6) Chemical Leaching	—	—	X	—	17) Voids	—	—	X	—
7) Popouts	—	—	X	—	18) Erosion	—	—	X	—
8) Deflection	—	—	X	—	19) Pitting	—	—	X	—
9) Staining	—	—	—	X	20) Abrasion	—	—	X	—
10) Discoloration	—	—	X	—	21) Segregation	—	—	X	—
11) Vibration Damage	—	—	X	—	22) Other	—	—	X	—

Comments: **SEE SUPPLEMENTAL REPORT**

Results: Accept Reject Eval NCR 25610
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/2/2007	Joe Lese, PE	<i>Joe Lese</i>	11.22.07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.		<i>Jason Sonnier</i>	11/2/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Kissack, Brian S.		<i>Brian Kissack</i>	11/2/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-304

Page: 2 of 2

Summary No.: L1.11.0005

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>4-22-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>4/22/07</u>
Other: <u>Kissack, Brian S. <i>BKS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>4/27/07</u>

Comments:

Item #1 (Reference Page 1 - Condition 09): Staining. (See VT-3C Report VT-07-101). VT-1C determined that the stains are as a result of previous spillage from above (143' elevation). No additional degradation to the concrete surface was noted.



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0006 Procedure Rev.: 2 Report No.: VT-07-102
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 119' to EL. 143'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0006
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 1410 / N/A / N/A Cal Out 1640
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A			Accept	Reject	N/A	
1) Spalling	—	<input checked="" type="checkbox"/>	—	—	12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	—	—	—
2) Cracking	<input checked="" type="checkbox"/>	—	—	—	13) Rust Bleeding	<input checked="" type="checkbox"/>	—	—	—
3) Delaminations	<input checked="" type="checkbox"/>	—	—	—	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	—	—	—
4) Honeycomb	<input checked="" type="checkbox"/>	—	—	—	15) Efflorescence	<input checked="" type="checkbox"/>	—	—	—
5) Water In Leakage	<input checked="" type="checkbox"/>	—	—	—	16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	—	—	—
6) Chemical Leaching	<input checked="" type="checkbox"/>	—	—	—	17) Voids	<input checked="" type="checkbox"/>	—	—	—
7) Popouts	—	<input checked="" type="checkbox"/>	—	—	18) Erosion	<input checked="" type="checkbox"/>	—	—	—
8) Deflection	<input checked="" type="checkbox"/>	—	—	—	19) Pitting	<input checked="" type="checkbox"/>	—	—	—
9) Staining	<input checked="" type="checkbox"/>	—	—	—	20) Abrasion	<input checked="" type="checkbox"/>	—	—	—
10) Discoloration	—	<input checked="" type="checkbox"/>	—	—	21) Segregation	<input checked="" type="checkbox"/>	—	—	—
11) Vibration Damage	<input checked="" type="checkbox"/>	—	—	—	22) Other	<input checked="" type="checkbox"/>	—	—	—

Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURES AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED, SEE SUPPLEMENTAL REPORT.
 Results: Accept < Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	10/31/2007	Joe Lese, PE	<i>[Signature]</i>	11/14/07
Duplechain, Lenus F.	II	<i>[Signature]</i>	10/31/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Wyatt, Thomas W.	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-102

Page: 2 of 2

Summary No.: L1.11.0006

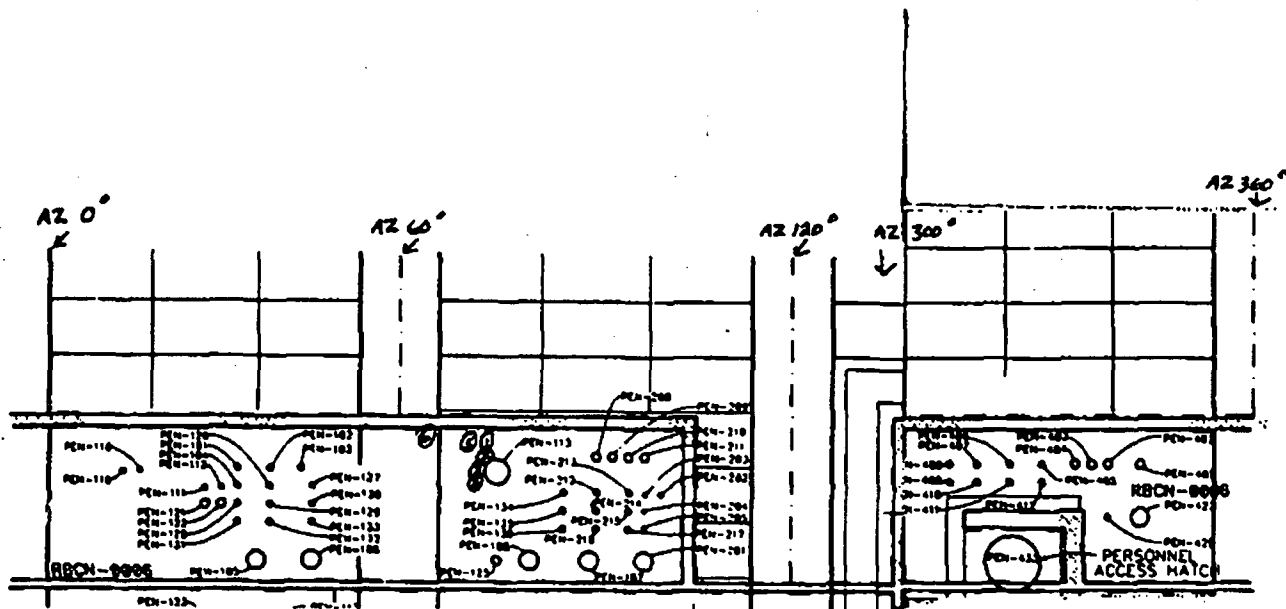
Examiner: <u>LeBlanc, Marc J.</u> <i>MSL</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>Jad</i>	Date: <u>11.14.07</u>
Examiner: <u>Duplechain, Lenus F.</u> <i>LD</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RIP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/27/07</u>

Comments:

- ITEM # 1 (REFERENCING PAGE # 1 CONDITION 1) SPALL, 5.5" X 5.5" SEE VT-1C REPORT VT-07-203.
- ITEM # 2 (REFERENCING PAGE # 1 CONDITION 1) SPALL, 8" X 4" SEE VT-1C REPORT VT-07-203.
- ITEM # 3 (REFERENCING PAGE # 1 CONDITION 7) POPOUT, 4" X 3" X 1" SEE VT-1C REPORT VT-07-203.
- ITEM # 4 (REFERENCING PAGE # 1 CONDITION 7) POPOUT, 4" X 3" X 1" SEE VT-1C REPORT VT-07-203.
- ITEM # 5 (REFERENCING PAGE # 1 CONDITION 1) SPALL, 6" X 5" SEE VT-1C REPORT VT-07-203.
- ITEM # 6 (REFERENCING PAGE # 1 CONDITION 10) DISCOLORATION, 30' X 3' SEE VT-1C REPORT VT-07-203.

Summary No.: L1.11.0008

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-102.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0006 Procedure Rev.: 2 Report No.: VT-07-203
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 119' to EL. 143'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0006
 Limitations: EXAMINED ALL ACCESSIBLE SURFACES

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 1410 / N/A / N/A Cal Out 1640
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	<input checked="" type="checkbox"/>	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>	—
2) Cracking	—	—	<input checked="" type="checkbox"/>	—	13) Rust Bleeding	—	—	<input checked="" type="checkbox"/>	—
3) Delaminations	—	—	<input checked="" type="checkbox"/>	—	14) Tendon Surface Cracking	—	—	<input checked="" type="checkbox"/>	—
4) Honeycomb	—	—	<input checked="" type="checkbox"/>	—	15) Efflorescence	—	—	<input checked="" type="checkbox"/>	—
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	16) Cosmetic Patch Bond	—	—	<input checked="" type="checkbox"/>	—
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	17) Voids	—	—	<input checked="" type="checkbox"/>	—
7) Popouts	—	—	—	<input checked="" type="checkbox"/>	18) Erosion	—	—	<input checked="" type="checkbox"/>	—
8) Deflection	—	—	<input checked="" type="checkbox"/>	—	19) Pitting	—	—	<input checked="" type="checkbox"/>	—
9) Staining	—	—	<input checked="" type="checkbox"/>	—	20) Abrasion	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>	21) Segregation	—	—	<input checked="" type="checkbox"/>	—
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	22) Other	—	—	<input checked="" type="checkbox"/>	—

Comments: **SEE SUPPLEMENTAL REPORT**
 Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II		10/31/2007	Joe Lese, PE		11/14/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II		10/31/2007	Rick Portmann		11/23/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII		11/27/07



Supplemental Report

Report No.: VT-07-203
Page: 2 of 3

Summary No.: L1.11.0006

Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>1/11/07</u>
Examiner: <u>Duplechain, Lenus F. <i>L.F.</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>1/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>1/27/07</u>

Comments:

ITEM #1 (REFERENCE PAGE 1 – CONDITION 1) APPROXIMATE ELEVATION = 139'; APPROXIMATE AZIMUTH = 75°. SPALL 5 ½" X 5 ½" (SEE VT-3C REPORT VT-07-102). VT-1C DETERMINED THE SPALL WAS AROUND A FORM TIE HOLE.

ITEM #2 (REFERENCE PAGE 1 – CONDITION 1) APPROXIMATE ELEVATION = 137'; APPROXIMATE AZIMUTH = 75°. SPALL 8" X 4" (SEE VT-3C REPORT VT-07-102). VT-1C DETERMINED THE SPALL WAS AROUND A FORM TIE HOLE.

ITEM #3 (REFERENCE PAGE 1 – CONDITION 7) APPROXIMATE ELEVATION = 135'; APPROXIMATE AZIMUTH = 75°. POPOUT 4" X 3" X 1" (SEE VT-3C REPORT VT-07-102). VT-1C DETERMINED THE POPOUT WAS A FORM TIE HOLE.

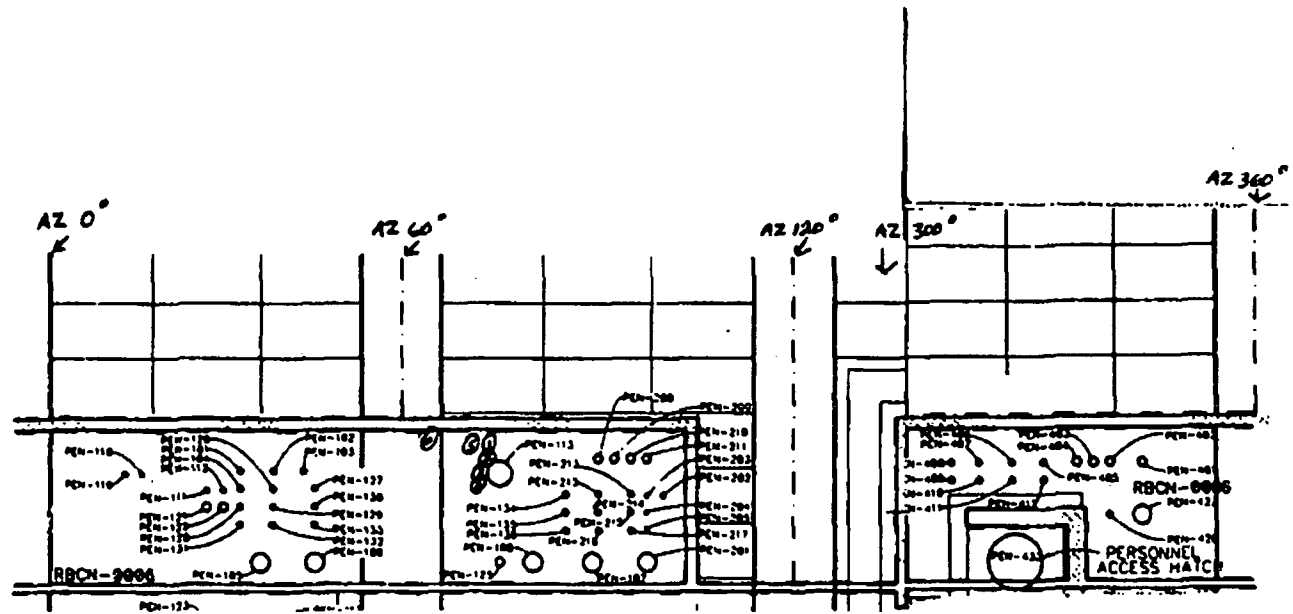
ITEM #4 (REFERENCE PAGE 1 – CONDITION 7) APPROXIMATE ELEVATION = 132'; APPROXIMATE AZIMUTH = 75°. POPOUT 4" X 3" X 1" (SEE VT-3C REPORT VT-07-102). VT-1C DETERMINED THE POPOUT WAS A FORM TIE HOLE.

ITEM #5 (REFERENCE PAGE 1 – CONDITION 1) APPROXIMATE ELEVATION = 141'; APPROXIMATE AZIMUTH = 75°. SPALL 6" X 5.5" (SEE VT-3C REPORT VT-07-102). VT-1C DETERMINED THE SPALL WAS AROUND A FORM TIE HOLE.

ITEM #6 (REFERENCE PAGE 1 – CONDITION 10) APPROXIMATE ELEVATION = 149'; APPROXIMATE AZIMUTH = 65°. DISCOLORATION 30' X 3' (SEE VT-3C REPORT). VT-1C DETERMINED DISCOLORATION WAS OIL / GREASE DUE TO COVER LEAKAGE / PERVIOUS SPILLAGE. NO DEGRADATION TO CONCRETE.

Summary No.: L1.11.0006

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-203.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0007 Procedure Rev.: 2 Report No.: VT-07-103
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL 118' 4" to EL 146'
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0007
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serral No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>				
	Accept	Reject	N/A			Accept	Reject	N/A	See Comments	
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9) Staining	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

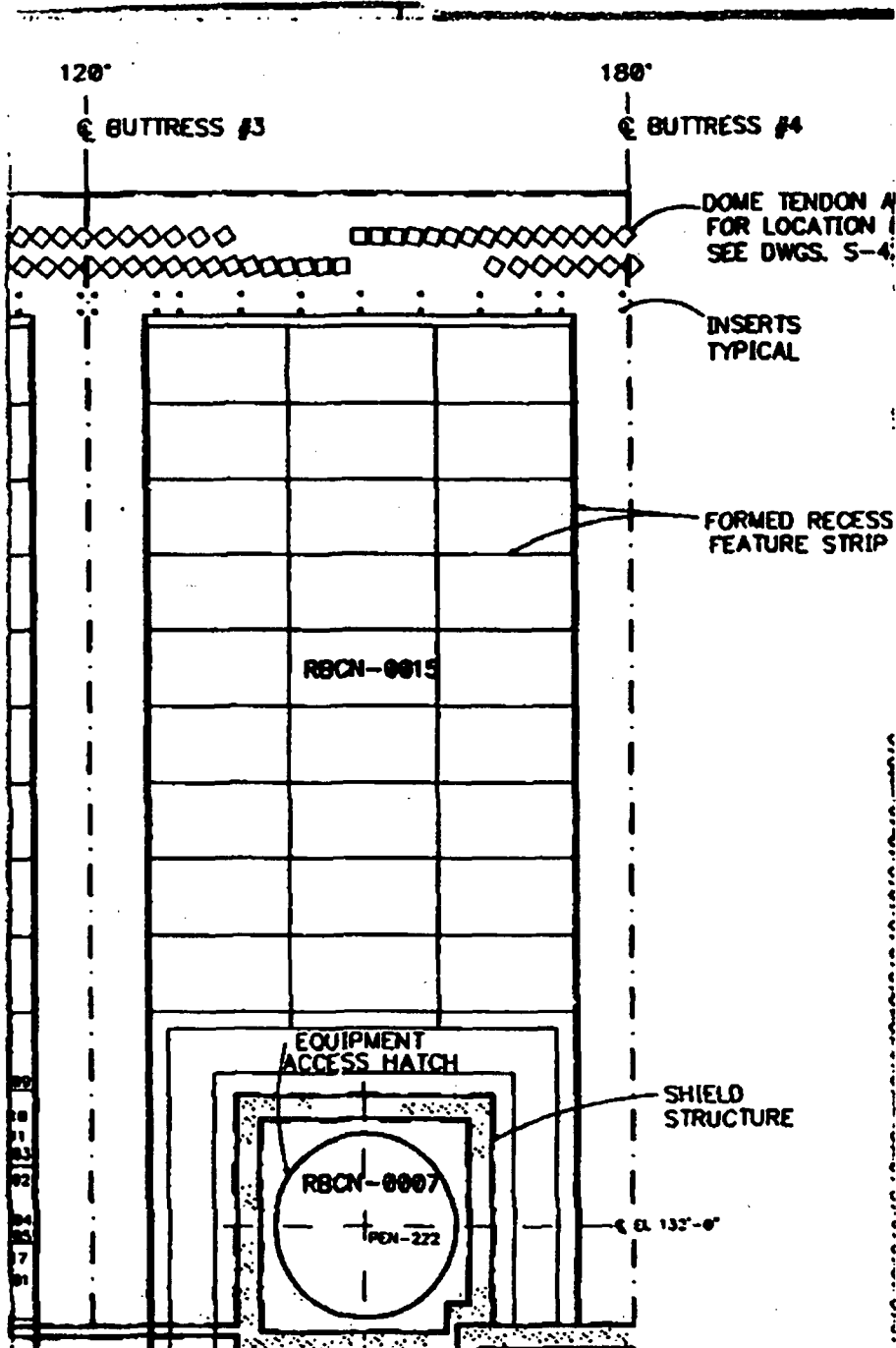
Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. NO CHANGE NOTED FROM PREVIOUS DATA.

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/1/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/1/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07

Summary No.: L1.11.0007

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0007.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0008 Procedure Rev.: 2 Report No.: VT-07-104
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 143' to EL 167'
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0008
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: **RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED NOTED (SEE SUPPLEMENTAL REPORT)**

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Sonnier, Jason B.	II	<i>Jason B. Sonnier</i>	11/1/2007	Joe Lese, PE	<i>Joe Lese</i>	11-22-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Bennett, Charles T.	II	<i>Charles T. Bennett</i>	11/1/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-104

Page: 2 of 3

Summary No.: L1.11.0008

Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-22-07</u>
Examiner: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RKP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

ITEM # 1 (REF PAGE 1 CONDITION # 9) : STAINING (SEE VT-1C REPORT VT-07-300)

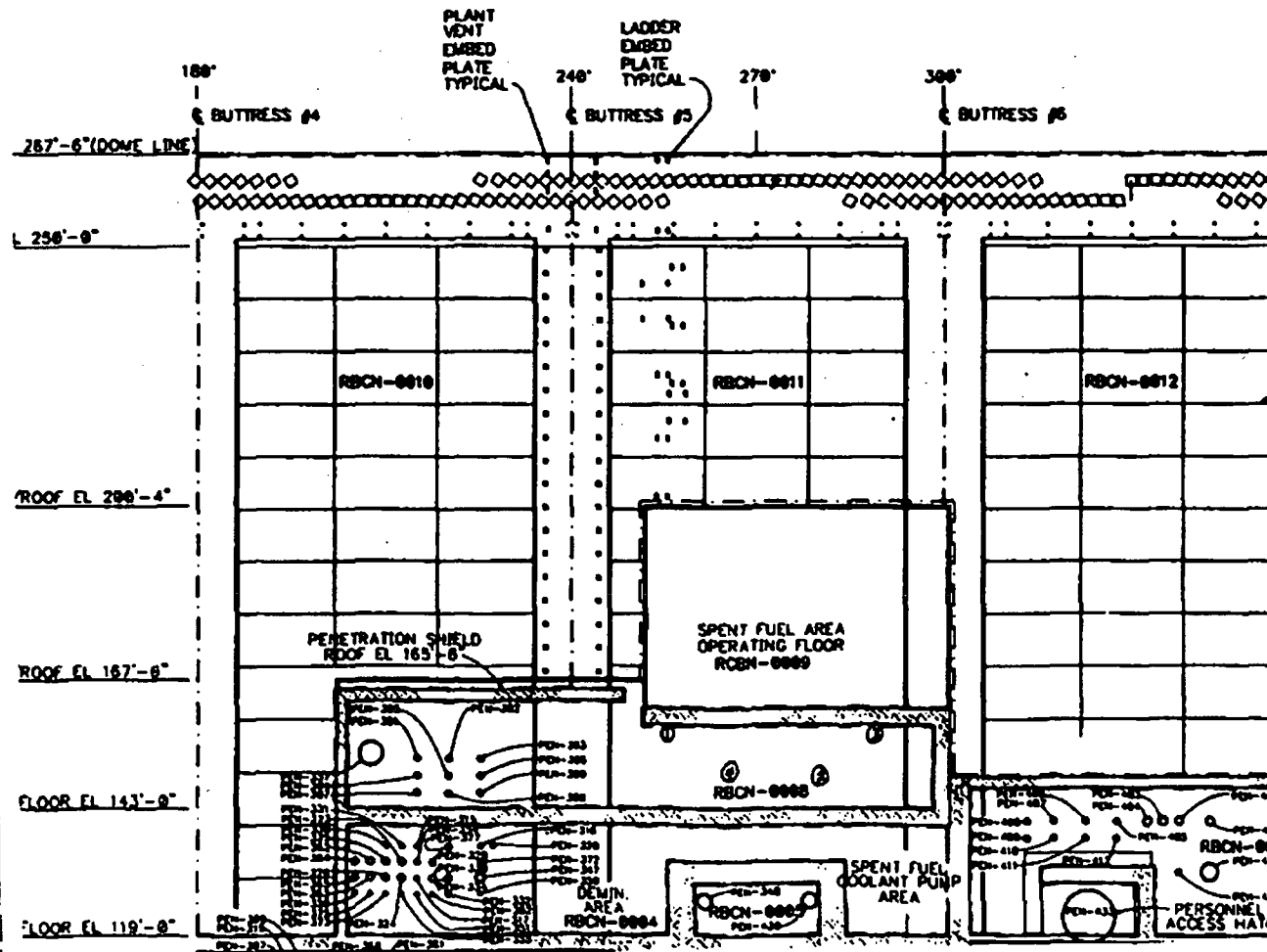
ITEM # 2 (REF PAGE 1 CONDITION # 3) : DELAMINATION (SEE VT-1C REPORT VT-07-300)

ITEM # 3 (REF PAGE 1 CONDITION # 9) : STAINING (SEE VT-1C REPORT VT-07-300)

ITEM # 4 (REF PAGE 1 CONDITION # 9) : STAINING (SEE VT-1C REPORT VT-07-300)

Summary No.: L1.11.0008

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0008.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0008 Procedure Rev.: 2 Report No.: VT-07-300
 Workscope: ISI Work Order No.: 681043 Page: 1 of 6

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 143' to EL. 167'
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0008
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T1-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>				
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments	
1) Spalling	—	—	<input checked="" type="checkbox"/>	—	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>	—
2) Cracking	—	—	<input checked="" type="checkbox"/>	—	13) Rust Bleeding	—	—	<input checked="" type="checkbox"/>	—
3) Delaminations	—	—	—	<input checked="" type="checkbox"/>	14) Tendon Surface Cracking	—	—	<input checked="" type="checkbox"/>	—
4) Honeycomb	—	—	<input checked="" type="checkbox"/>	—	15) Efflorescence	—	—	<input checked="" type="checkbox"/>	—
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	16) Cosmetic Patch Bond	—	—	<input checked="" type="checkbox"/>	—
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	17) Voids	—	—	<input checked="" type="checkbox"/>	—
7) Popouts	—	—	<input checked="" type="checkbox"/>	—	18) Erosion	—	—	<input checked="" type="checkbox"/>	—
8) Deflection	—	—	<input checked="" type="checkbox"/>	—	19) Pitting	—	—	<input checked="" type="checkbox"/>	—
9) Staining	—	—	—	<input checked="" type="checkbox"/>	20) Abrasion	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—	21) Segregation	—	—	<input checked="" type="checkbox"/>	—
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	22) Other	—	—	<input checked="" type="checkbox"/>	—

Comments:
SEE SUPPLEMENT REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A

NER 256010

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Sonnier, Jason B.	II	<i>Jason Sonnier</i>	11/1/2007	Joe Lese, PE	<i>Joe Lese</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Bennett, Charles T.	II	<i>Charles Bennett</i>	11/1/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-300

Page: 2 of 6

Summary No.: L1.11.0008

Examiner: <u>Sonnier, Jason B. JBS</u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE JoeL</u>	Date: <u>11-22-07</u>
Examiner: <u>Bennett, Charles T. CT</u>	Level: <u>II</u>	Site Review: <u>Rick Portmann RJP</u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII TWW</u>	Date: <u>11/27/07</u>

Comments:

ITEM # 1 (REF PAGE 1 CONDITION # 9) : STAINING - FLUID LEAKED FROM 167' DOWN TO 143' ELEVATION. NO DEGRADATION TO CONCRETE NOTED. AREA IS APPROXIMATELY 12' STARTING APPROXIMATELY 18' FROM BUTRESS # 5 SEE PICTURE VT-07-300-1.jpg (SEE VT-1C REPORT VT-07-104)

ITEM # 2 (REF PAGE 1 CONDITION # 3) : DELAMINATION - NOTED ON WALL 3' FROM FLOOR 2 1/4" L x 3/4" W x 1/16" D. SEE PICTURE VT-07-300-2.jpg & VT-07-300-3.jpg (SEE VT-1C REPORT VT-07-104)

ITEM # 3 (REF PAGE 1 CONDITION # 9) : STAINING - FLUID LEAKED FROM 167' DOWN TO 143' ELEVATION. NO DEGRADATION TO CONCRETE NOTED. AREA IS APPROXIMATELY 15' STARTING APPROXIMATELY 12' FROM BUTRESS # 6 SEE PICTURE VT-07-300-4.jpg, VT-07-300-5.jpg & VT-07-300-6.jpg (SEE VT-1C REPORT VT-07-104)

ITEM # 4 (REF PAGE 1 CONDITION # 9) : STAINING - WHITE SUBSTANCE ON WALL THROUGH OUT AREA. SEE PICTURE VT-07-300-7.jpg (SEE VT-1C REPORT VT-07-104)



Supplemental Report

Report No.: VT-07-300

Page: 3 of 6

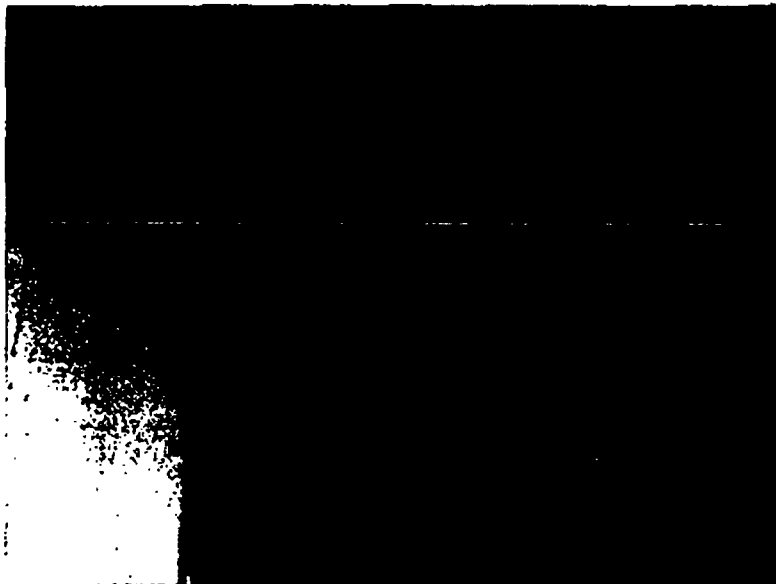
Summary No.: L1.11.0008

Examiner: <u>Sonnler, Jason B.</u> <i>JBS</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11-22-07</u>
Examiner: <u>Bennett, Charles T.</u> <i>BT</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RIP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>4/27/07</u>

Comments: **PHOTO ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM # 2 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-1.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-2.JPG





Supplemental Report

Report No.: VT-07-300

Page: 4 of 6

Summary No.: L1.11.0008

Examiner: Sonnier, Jason B. *JBS* Level: II

Reviewer: Joe Lese, PE *JLB* Date: 4.22.07

Examiner: Bennett, Charles T. *BT* Level: II

Site Review: Rick Portmann *RIP* Date: 4/22/07

Other: N/A Level: N/A

ANII Review: Tom Wyatt, ANII *TW* Date: 4/27/07

Comments: **PHOTO ASSOCIATED WITH ITEM # 2 (LEFT) AND ITEM # 3 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-3.JPG

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-4.JPG





Supplemental Report

Report No.: VT-07-300

Page: 5 of 6

Summary No.: L1.11.0008

Examiner: Sonnler, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JL*

Date: 11-22-07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTO ASSOCIATED WITH ITEM # 3**

OOB QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-5.JPG



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-6.JPG





Supplemental Report

Report No.: VT-07-300

Page: 6 of 6

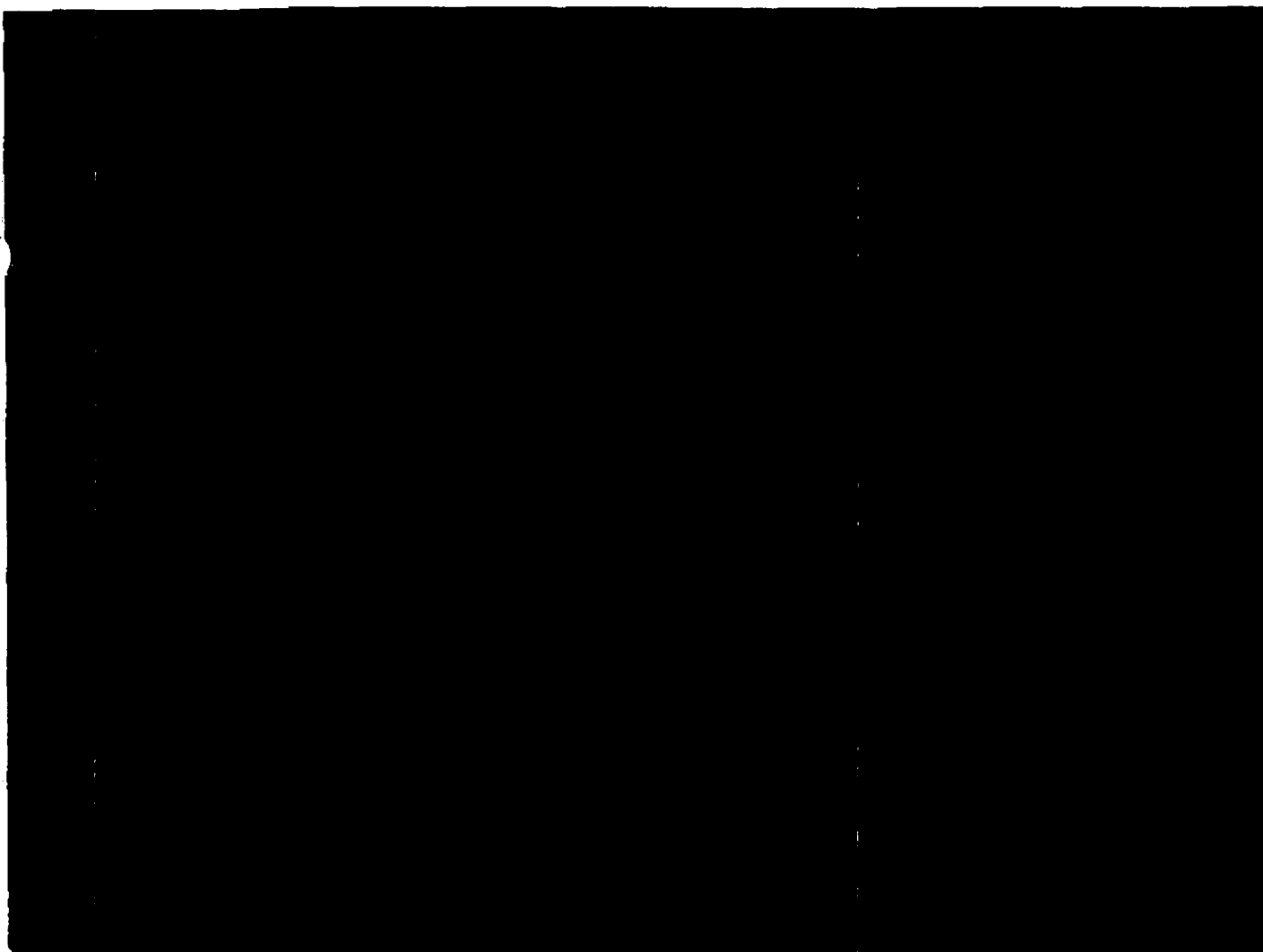
Summary No.: L1.11.0008

Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>Joe</i></u>	Date: <u>11-22-07</u>
Examiner: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments: PHOTO ASSOCIATED WITH ITEM # 4

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-300-7.JPG





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0009 Procedure Rev.: 2 Report No.: VT-07-105
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 162' to EL. 200' 4"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0009
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0745 / N/A / N/A Cal Out 1030
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Delaminations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Staining	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22) Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL SHEET).

Results: Accept Reject Eval

NCR 256010

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/2/2007	Joe Lese, PE	<i>Joe Lese</i>	11.22.07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.		<i>Jason Sonnier</i>	11/2/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Kissack, Brian S.		<i>Brian Kissack</i>	11/2/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/22/07



Supplemental Report

Report No.: VT-07-105

Page: 2 of 3

Summary No.: L1.11.0009

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11.22.07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>Kissack, Brian S. <i>BSK</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

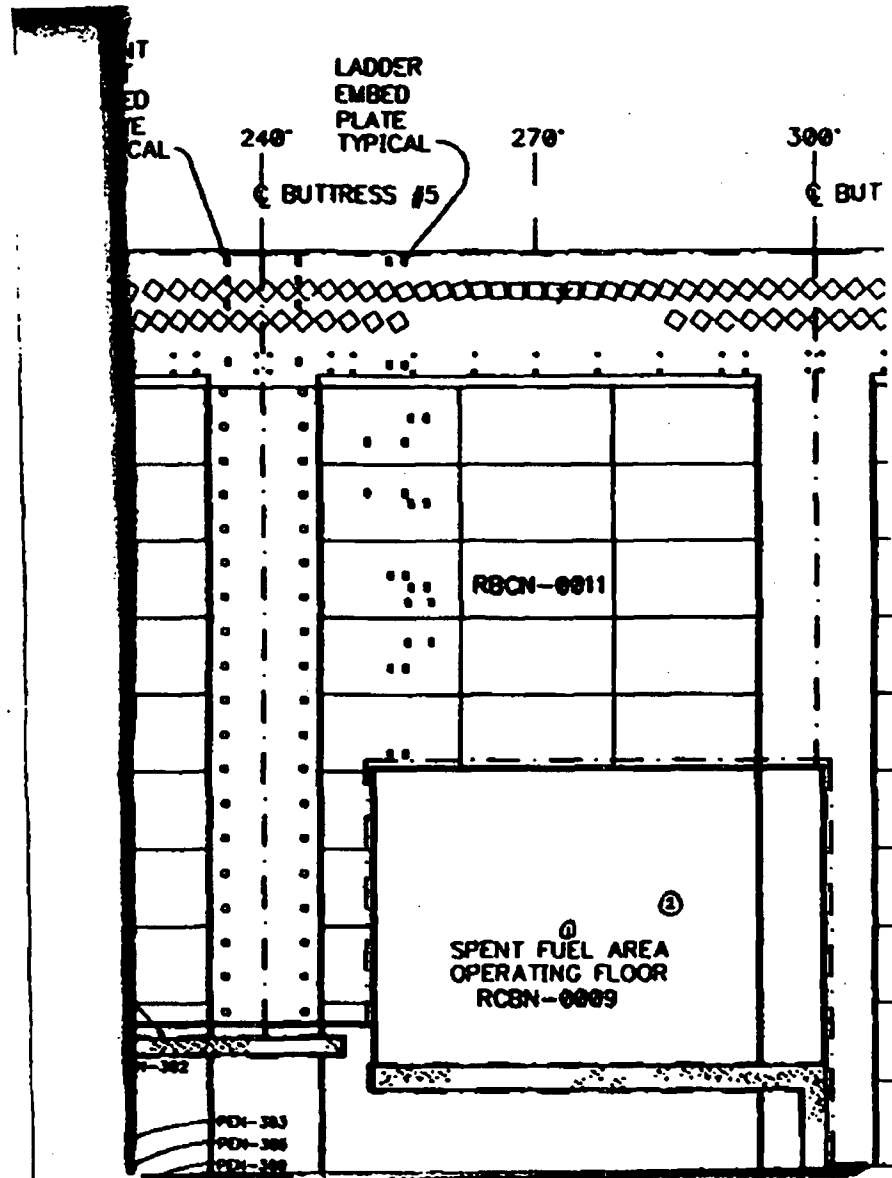
- Item #1 (Reference Page 1 – Condition 22): Abandoned anchor locations. (See VT-1C Report VT-07-302)
- Item #2 (Reference Page 1 – Condition 22): Degraded coatings. (See VT-1C Report VT-07-302)

Inaccessible Areas:

- Approximate Azimuth 260 – 280 Degrees: Concrete surface behind Spent Fuel Pool Liner.

Summary No.: L1.11.0009

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0009.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0009 Procedure Rev.: 2 Report No.: VT-07-302
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 162' to EL 200' 4"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0009
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an Inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0745 / N/A / N/A Cal Out 1030
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	Comments		Accept	Reject	N/A	Comments
1) Spalling	—	—	X	—	12) Reinforcing Bar Corrosion	—	—	X	—
2) Cracking	—	—	X	—	13) Rust Bleeding	—	—	X	—
3) Delaminations	—	—	X	—	14) Tendon Surface Cracking	—	—	X	—
4) Honeycomb	—	—	X	—	15) Efflorescence	—	—	X	—
5) Water In Leakage	—	—	X	—	16) Cosmetic Patch Bond	—	—	X	—
6) Chemical Leaching	—	—	X	—	17) Voids	—	—	X	—
7) Popouts	—	—	X	—	18) Erosion	—	—	X	—
8) Deflection	—	—	X	—	19) Pitting	—	—	X	—
9) Staining	—	—	X	—	20) Abrasion	—	—	X	—
10) Discoloration	—	—	X	—	21) Segregation	—	—	X	—
11) Vibration Damage	—	—	X	—	22) Other	—	—	—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/2/2007	Joe Lese, PE	<i>J. Lese</i>	11.22.07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.		<i>Jason Sonnier</i>	11/2/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Kissack, Brian S.		<i>Brian Kissack</i>	11/2/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/22/07



Supplemental Report

Report No.: VT-07-302

Page: 2 of 2

Summary No.: L1.11.0009

Examiner:	<u>Komara, Bernard P. <i>BPK</i></u>	Level:	<u>III</u>	Reviewer:	<u>Joe Lese, PE <i>JL</i></u>	Date:	<u>11/22/07</u>
Examiner:	<u>Sonnier, Jason B. <i>JBS</i></u>	Level:	<u>II</u>	Site Review:	<u>Rick Portmann <i>RIP</i></u>	Date:	<u>11/22/07</u>
Other:	<u>Kissack, Brian S. <i>BSE</i></u>	Level:	<u>II</u>	ANII Review:	<u>Tom Wyatt, ANII <i>TW</i></u>	Date:	<u>11/27/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 22): Approximate Elevation 177'. Approximate Azimuth 270 Degrees. Abandoned anchor locations. (See VT-3C Report VT-07-105). VT-1C determined two (2) locations where anchor bolt holes were not grouted. No additional degradation of the concrete surface was identified.

Item #2 (Reference Page 1 – Condition 22): Approximate Elevation 185'. Approximate Azimuth 285 Degrees. Degraded coatings. (See VT-3C Report VT-07-105). VT-1C determined Delamination of the paint from the concrete surface. There was no underlying degradation of the concrete surface.



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0010 Procedure Rev.: 2 Report No.: VT-07-106
 Workscope: ISI Work Order No.: 681043 Page: 1 of 4

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 119' to EL. 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0010
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0900 / 1200 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	<input checked="" type="checkbox"/>	—	—	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>
2) Cracking	—	<input checked="" type="checkbox"/>	—	—	13) Rust Bleeding	<input checked="" type="checkbox"/>	—	—
3) Delaminations	—	<input checked="" type="checkbox"/>	—	—	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	—	—
4) Honeycomb	<input checked="" type="checkbox"/>	—	—	—	15) Efflorescence	<input checked="" type="checkbox"/>	—	—
5) Water In Leakage	<input checked="" type="checkbox"/>	—	—	—	16) Cosmetic Patch Bond	—	<input checked="" type="checkbox"/>	—
6) Chemical Leaching	<input checked="" type="checkbox"/>	—	—	—	17) Voids	—	—	<input checked="" type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	—	—	—	18) Erosion	<input checked="" type="checkbox"/>	—	—
8) Deflection	<input checked="" type="checkbox"/>	—	—	—	19) Pitting	<input checked="" type="checkbox"/>	—	—
9) Staining	—	<input checked="" type="checkbox"/>	—	—	20) Abrasion	<input checked="" type="checkbox"/>	—	—
10) Discoloration	<input checked="" type="checkbox"/>	—	—	—	21) Segregation	<input checked="" type="checkbox"/>	—	—
11) Vibration Damage	<input checked="" type="checkbox"/>	—	—	—	22) Other	—	<input checked="" type="checkbox"/>	—

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	10/30/2007	Joe Lese, PE	<i>J. Lese</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.		<i>Jason Sonnier</i>	10/30/2007	Rick Portmann	<i>R. Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
LeBlanc, Marc J.		<i>M. LeBlanc</i>	10/30/2007	Tom Wyatt, ANII	<i>T. Wyatt</i>	11/23/07



Supplemental Report

Report No.: VT-07-106

Page: 2 of 4

Summary No.: L1.11.0010

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/22/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 16): 2-1/2" L X 3" W X 1" Deep: Displacement of cosmetic grout patch over previously existing popout. (See VT-1C Report VT-07-288).

Item #2 (Reference Page 1 – Condition 22): Wood embedment in concrete. (See VT-1C Report VT-07-288).

Item #3 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-1C Report VT-07-288).

Item #4 (Reference Page 1 – Condition 02, 16): 32" L X 3/4" W (maximum) X <1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patch. (See VT-1C Report VT-07-288).

Item #5 (Reference Page 1 – Condition 02, 16): ~8" L X 1" W (maximum) X 1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patch. (See VT-1C Report VT-07-288).

Item #6 (Reference Page 1 – Condition 02, 16): 18" L X 3/16" W X <1/2" Deep and 12" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patch. (See VT-1C Report VT-07-288).

Item #7 (Reference Page 1 – Condition 22): Other (Exposed tie wire in concrete). (See VT-1C Report VT-07-288).

Item #8 (Reference Page 1 – Condition 02, 16): 16" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patches. (See VT-1C Report VT-07-288).

Item #9 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-1C Report VT-07-288).

Item #10 (Reference Page 1 – Condition 03): 30" L X 8" W (maximum) X 3/16" Deep (maximum): Delamination. (See VT-1C Report VT-07-288).

Item #11 (Reference Page 1 – Condition 02, 16): 12" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patches. (See VT-1C Report VT-07-288).



Supplemental Report

Report No.: VT-07-106

Page: 3 of 4

Summary No.: L1.11.0010

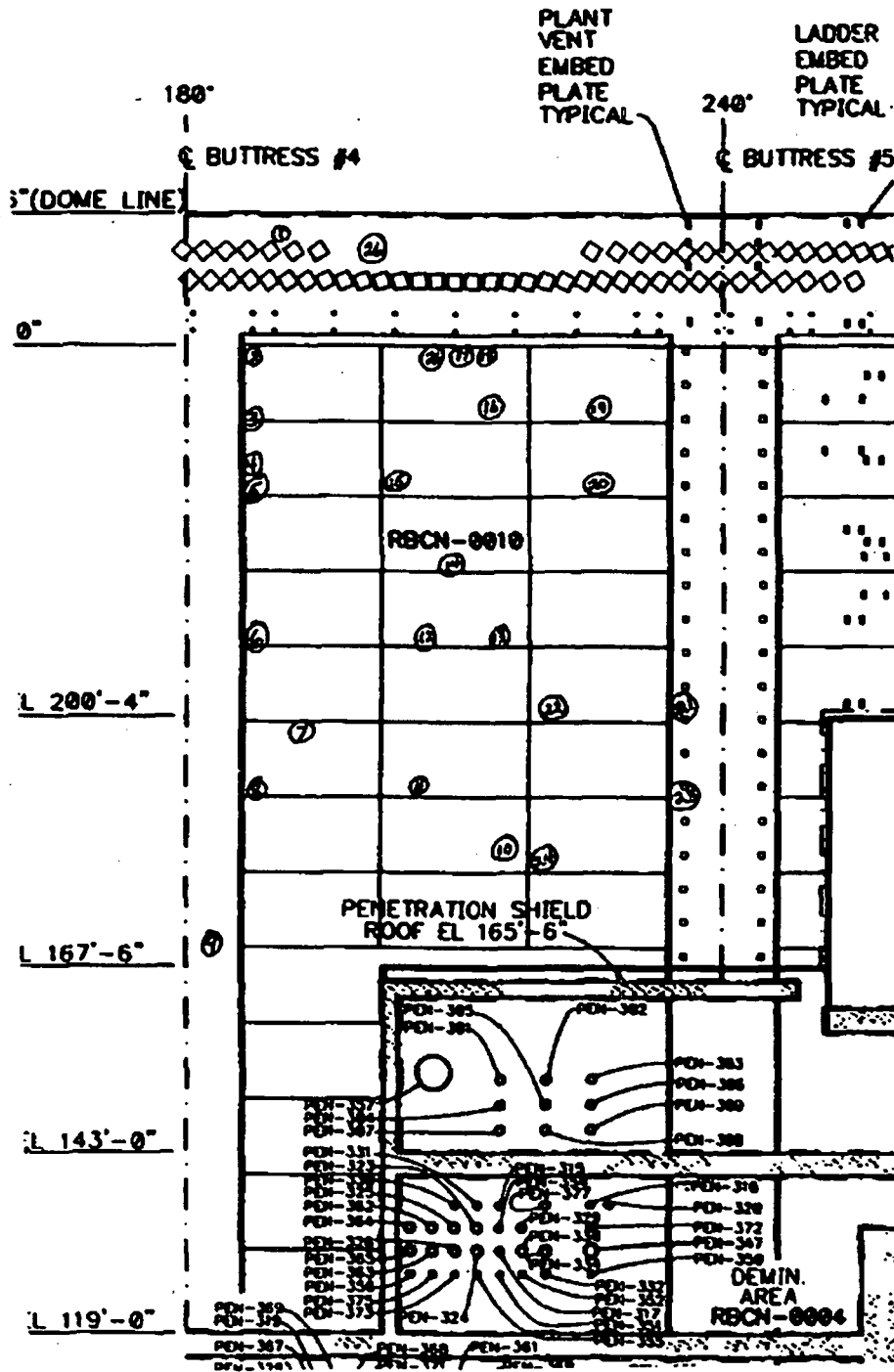
Examiner: <u>Komara, Bernard P. <i>BP/K</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #12 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-1C Report VT-07-288).
 - Item #13 (Reference Page 1 – Condition 01): 12" L X 18" W (maximum) X 1" Deep (maximum): Spall. (See VT-1C Report VT-07-288).
 - Item #14 (Reference Page 1 – Condition 02, 16): 24" L X 1/2" W (maximum) X <1/2" Deep (maximum); and 14" L X 1/2" W (maximum) X <1/2" Deep (maximum); and 18" L X 1/2" W (maximum) X <1/2" Deep (maximum): Cracking, deterioration of three (3) cosmetic grout patches. (See VT-1C Report VT-07-288).
 - Item #15 (Reference Page 1 – Condition 02, 16): 12" L X 3/4" W X 1/2" Deep: Cracking, deterioration of cosmetic grout patches. (See VT-1C Report VT-07-288).
 - Item #16 (Reference Page 1 – Condition 22): Wood embedment in concrete. (See VT-1C Report VT-07-288).
 - Item #17 (Reference Page 1 – Condition 22): Wood embedment in concrete. (See VT-1C Report VT-07-288).
 - Item #18 (Reference Page 1 – Condition 22): Nail and metal embedment in concrete. (See VT-1C Report VT-07-288).
 - Item #19 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-1C Report VT-07-288).
 - Item #20 (Reference Page 1 – Condition 02, 16): 12" L X 5/8" W (maximum) X <1/2" Deep (maximum); and 18" L X 1" W (maximum) X 3/4" Deep (maximum); and 8' L X 1/2" W (maximum) X 1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patches. (three (3) areas). (See VT-1C Report VT-07-288).
 - Item #21 (Reference Page 1 – Condition 02): 12" L X 1/16" W X <1/32" Deep: Crack. (See VT-1C Report VT-07-288).
 - Item #22 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-1C Report VT-07-288).
 - Item #23 (Reference Page 1 – Condition 01): 10" L X 2" W (maximum) X 1/2" Deep (maximum): Spall. (See VT-1C Report VT-07-288).
 - Item #24 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-1C Report VT-07-288).
 - Item #25 (Reference Page 1 – Condition 09): Staining. (See VT-1C Report VT-07-288).
 - Item #26 (Reference Page 1 – Condition 22): Embedded boxes in concrete. (See VT-1C Report VT-07-288).
- Inaccessible Areas:**
Buttress #5: Area behind vent duct outside parameters for VT-3C/VT-1C

Summary No.: L1.11.0010

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0010.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0010 Procedure Rev.: 2 Report No.: VT-07-288
 Workscope: ISI Work Order No.: 681043 Page: 1 of 6

Code: ASME 1992 Ed. Thru 92 Ad. Cal./Item: L-A/L1.11 Location: EL. 119' to EL. 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0010
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipmen/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0900 / 1200 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				See Comments	Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See		Accept	Reject	N/A	See
1) Spalling	—	—	—	X	12) Reinforcing Bar Corrosion	—	—	—	X
2) Cracking	—	—	—	X	13) Rust Bleeding	—	—	X	—
3) Delaminations	—	—	—	X	14) Tendon Surface Cracking	—	—	X	—
4) Honeycomb	—	—	X	—	15) Efflorescence	—	—	X	—
5) Water In Leakage	—	—	X	—	16) Cosmetic Patch Bond	—	—	—	X
6) Chemical Leaching	—	—	X	—	17) Voids	—	—	—	X
7) Popouts	—	—	X	—	18) Erosion	—	—	X	—
8) Deflection	—	—	X	—	19) Pitting	—	—	X	—
9) Staining	—	—	—	X	20) Abrasion	—	—	X	—
10) Discoloration	—	—	X	—	21) Segregation	—	—	X	—
11) Vibration Damage	—	—	X	—	22) Other	—	—	—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	10/30/2007	Joe Lese, PE	<i>Joe Lese</i>	11/22/07
Sonnter, Jason B.	II	<i>Jason Sonnter</i>	10/30/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
LeBlanc, Marc J.	II	<i>Marc LeBlanc</i>	10/30/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-288
Page: 2 of 6

Summary No.: L1.11.0010

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JLS</i></u>	Date: <u>11-22-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #1 (Reference Page 1 – Condition 16): 2-1/2" L X 3" W X 1" Deep: Displacement of cosmetic grout patch over previously existing popout. (See VT-3C Report VT-07-106). VT-1C determined that there is no rust staining, exposed rebar, or additional degradation to the concrete surface.

- Item #2 (Reference Page 1 – Condition 22): Wood embedment in concrete. Nail embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that this condition likely resulted from plywood lamination transfer onto the concrete surface, and face of Buttress #4 above the uppermost grease cap. Three (3) nails were also noted. Note: Three (3) metal clips are also located in this area and appear to have been used as lifting/rigging points. No concrete degradation was identified.

- Item #3 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-3C Report VT-07-106). Nails are -12" below the horizontal concrete joint and every 12" – 18" between Buttress #4 and Buttress #5. There are a total of - 30 nails. VT-1C determined that there is no additional degradation to the concrete surface.

- Item #4 (Reference Page 1 – Condition 02, 16): 32" L X 3/4" W (maximum) X <1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patch. (See VT-3C Report VT-07-106). VT-1C determined that this was a probable cold joint location. The discontinuity extends from Buttress #4 to Buttress #5. No exposed rebar or wire was identified. RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-288-1.jpg.

- Item #5 (Reference Page 1 – Condition 02, 16): -8" L X 1" W (maximum) X 1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patch. (See VT-3C Report VT-07-106). VT-1C determined that this discontinuity which extends from Buttress #4, exhibits no exposed rebar or wire. RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-288-2.jpg.

- Item #6 (Reference Page 1 – Condition 02, 16): 18" L X 3/16" W X <1/2" Deep and 12" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patch. (See VT-3C Report VT-07-106). VT-1C determined that this discontinuity which extends from Buttress #4, exhibits no exposed rebar or wire. Isolated nails, however, were noted. RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-288-3.jpg.

- Item #7 (Reference Page 1 – Condition 22): Other (Exposed tie wire in concrete). (See VT-3C Report VT-07-106). VT-1C determined no additional degradation to the concrete.

- Item #8 (Reference Page 1 – Condition 02, 16): 16" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patches. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

- Item #9 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.

- Item #10 (Reference Page 1 – Condition 03): 30" L X 8" W (maximum) X 3/16" Deep (maximum): Delamination. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

- Item #11 (Reference Page 1 – Condition 02, 16): 12" L X 3/16" W X <1/2" Deep: Cracking, deterioration of two (2) cosmetic grout patches. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

- Item #12 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.



Supplemental Report

Report No.: VT-07-288

Page: 3 of 6

Summary No.: L1.11.0010

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>1/27/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u>	Date: <u>1/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>1/27/07</u>

Comments:

Item #13 (Reference Page 1 – Condition 01): 12"L X 18" W (maximum) X 1" Deep (maximum): Spall. (See VT-3C Report VT-07-106). VT-1C determined that this area is within 6" of a vertical joint. No exposed rebar or wire was identified.

Item #14 (Reference Page 1 – Condition 02, 16): 24"L X 1/2" W (maximum) X <1/2" Deep (maximum); and 14"L X 1/2" W (maximum) X <1/2" Deep (maximum); and 18"L X 1/2" W (maximum) X <1/2" Deep (maximum): Cracking, deterioration of three (3) cosmetic grout patches. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

Item #15 (Reference Page 1 – Condition 02, 16): 12"L X 3/4" W X 1/2" Deep: Cracking, deterioration of cosmetic grout patches. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

Item #16 (Reference Page 1 – Condition 22): Wood embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that no concrete degradation was identified.

Item #17 (Reference Page 1 – Condition 22): Wood embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that no concrete degradation was identified.

Item #18 (Reference Page 1 – Condition 22): Nail and metal embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.

Item #19 (Reference Page 1 – Condition 22): Nail embedment in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.

Item #20 (Reference Page 1 – Condition 02, 16): 12"L X 5/8" W (maximum) X <1/2" Deep (maximum); and 18"L X 1" W (maximum) X 3/4" Deep (maximum); and 8"L X 1/2" W (maximum) X 1/2" Deep (maximum): Cracking, deterioration of cosmetic grout patches. (three (3) areas). (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

Item #21 (Reference Page 1 – Condition 02): 12"L X 1/16" W X <1/32" Deep: Crack. (See VT-3C Report VT-07-106). VT-1C determined that no exposed rebar or wire was identified.

Item #22 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.

Item #23 (Reference Page 1 – Condition 01): 10"L X 2" W (maximum) X 1/2" Deep (maximum): Spall. (See VT-3C Report VT-07-106). VT-1C determined that this area is within 6" of a vertical joint. No exposed rebar or wire was identified.

Item #24 (Reference Page 1 – Condition 22): Exposed tie wires in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no additional degradation to the concrete surface.

Item #25 (Reference Page 1 – Condition 09): Staining. (See VT-3C Report VT-07-106). VT-1C determined that there are numerous minor tendon grease leaks at various tendon cap locations. Additionally, previous tendon grease spills are obvious; most notably on Buttress #5 and on the vent duct structure and supports. No additional degradation to the concrete surface was noted.

Item #26 (Reference Page 1 – Condition 22): Embedded boxes in concrete. (See VT-3C Report VT-07-106). VT-1C determined that there is no degradation to surrounding concrete.



Supplemental Report

Report No.: VT-07-288

Page: 4 of 6

Summary No.: L1.11.0010

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *JL* Date: 11-22-07

Examiner: Sonnier, Jason B. *JBS* Level: II

Site Review: Rick Portmann *RIP* Date: 11/22/07

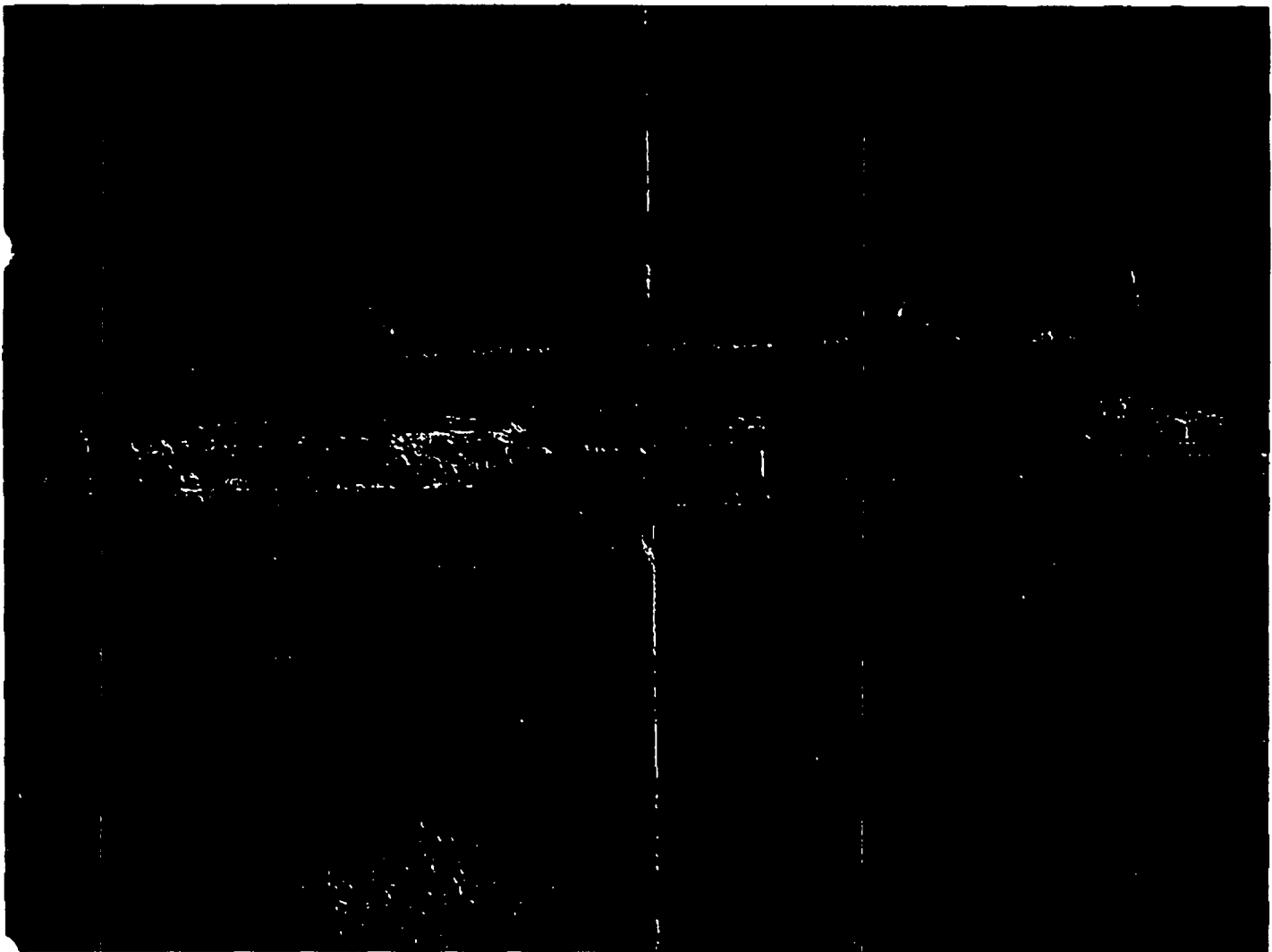
Other: LeBlanc, Marc J. *MTL* Level: II

ANII Review: Tom Wyatt, ANII *TW* Date: 11/22/07

Comments: **PHOTO ASSOCIATED WITH ITEM #4**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-288-1.jpg





Supplemental Report

Report No.: VT-07-288

Page: 5 of 6

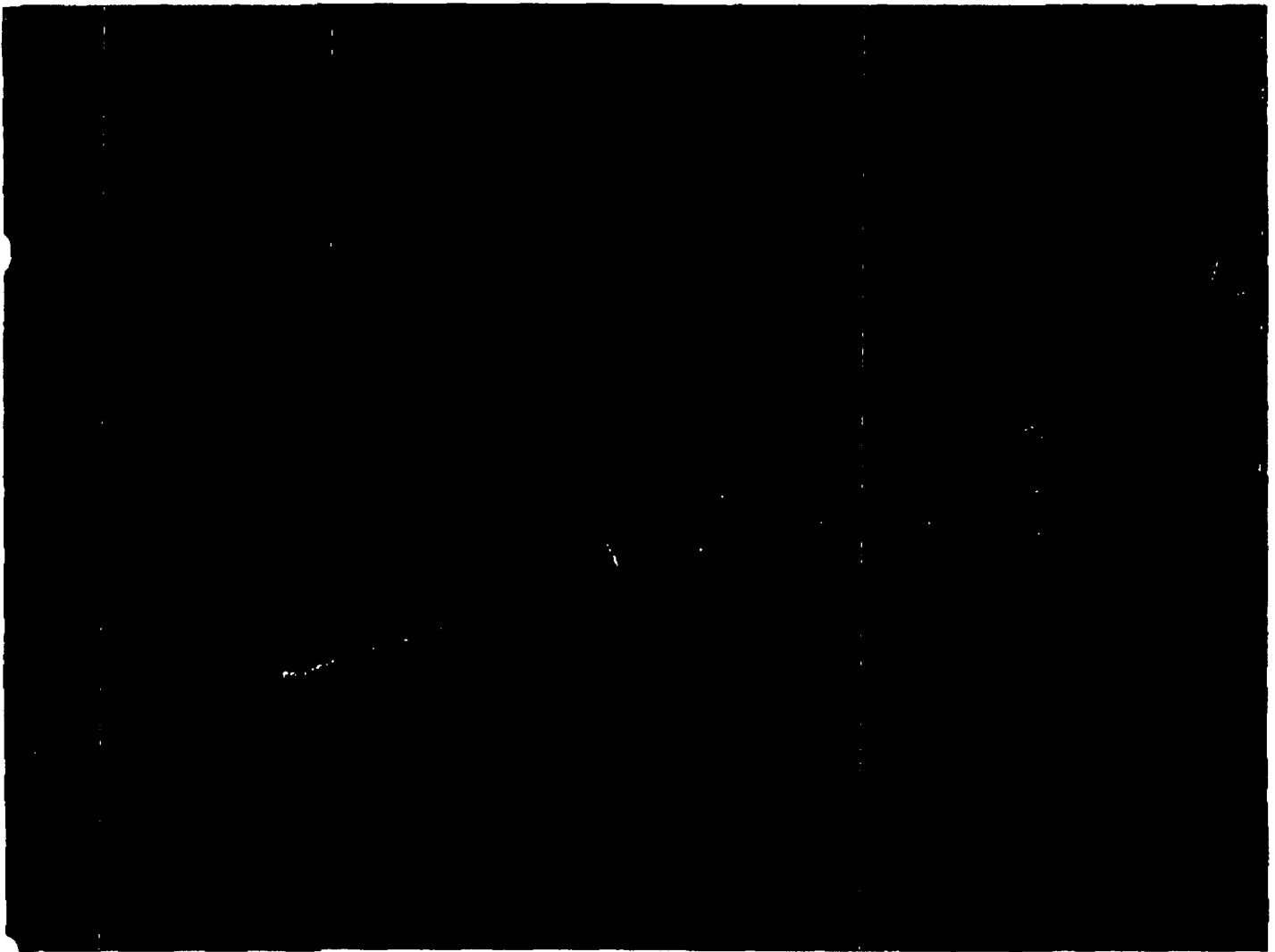
Summary No.: L1.11.0010

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>Jax</i></u>	Date: <u>11-22-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments: **PHOTO ASSOCIATED WITH ITEM # 5**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-288-2.jpg





Supplemental Report

Report No.: VT-07-288

Page: 6 of 6

Summary No.: L1.11.0010

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>4-22-07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>2/22/07</u>
Other: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>4/27/07</u>

Comments: **PHOTO ASSOCIATED WITH ITEM # 6**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-288-3.jpg





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0011 Procedure Rev.: 2 Report No.: VT-07-107
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 167' to 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0011
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an Inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				See Comments	Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Spalling	—	X	—	—	12) Reinforcing Bar Corrosion	X	—	—	—
2) Cracking	—	—	—	X	13) Rust Bleeding	X	—	—	—
3) Delaminations	X	—	—	—	14) Tendon Surface Cracking	—	X	—	—
4) Honeycomb	X	—	—	—	15) Efflorescence	X	—	—	—
5) Water In Leakage	X	—	—	—	16) Cosmetic Patch Bond	—	X	—	—
6) Chemical Leaching	X	—	—	—	17) Voids	—	—	—	X
7) Popouts	—	X	—	—	18) Erosion	X	—	—	—
8) Deflection	X	—	—	—	19) Pitting	X	—	—	—
9) Staining	—	—	—	X	20) Abrasion	X	—	—	—
10) Discoloration	X	—	—	—	21) Segregation	X	—	—	—
11) Vibration Damage	X	—	—	—	22) Other	—	X	—	—

Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLT IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)
 Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
Sonnier, Jason B.		<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Bennett, Charles T.		<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-107

Page: 2 of 3

Summary No.: L1.11.0011

Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Bennett, Charles T. <i>BT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #1 (Reference Page 1 – Condition 16): 3' L x 1" W x 1/4" D, cosmetic patch bond and exposed wire. (See VT-1C Report VT-07-227)
- Item #2 (Reference Page 1 – Condition 16): 2" L x 1/4" W, cosmetic patch bond and exposed wire. (See VT-1C Report VT-07-227)
- Item #3 (Reference Page 1 – Condition 22): 2" long exposed wire. (See VT-1C Report VT-07-227).
- Item #4 (Reference Page 1 – Condition 2): tendon service cracking, tendons # 10 thru # 21, 12" L x 1/16"W (See VT-1C Report VT-07-227)
- Item #5 (Reference Page 1 – Condition 22): 1" long exposed wire (See VT-1C Report VT-07-227).
- Item #6 (Reference Page 1 – Condition 22): 3" long exposed wire. (See VT-1C Report VT-07-227).
- Item #7 (Reference Page 1 – Condition 16): 3' L x 3/4" W x 1/4" D cosmetic patch bond and exposed wire.. (See VT-1C Report VT-07-227).
- Item #8 (Reference Page 1 – Condition 7): 3' L x 1 1/2" W x 1" D, Popout from grouted area. (See VT-1C Report VT-07-227)
- Item #9 (Reference Page 1 – Condition 1): 12' L x 7" W x 2 1/2" D, spalling. (See VT-1C Report VT-07-227)
- Item #10 (Reference Page 1 – Condition 16): 40' L x 1/2" W x 3/4" D, cosmetic patch bond. (See VT-1C Report VT-07-227)
- Item #11 (Reference Page 1 – Condition 2): 8' L x 1/16" W, tendon service cracking. (See VT-1C Report VT-07-227)
- Item #12 (Reference Page 1 – Condition 1): 19' L x 12" W x 1" D, spalling. (See VT-1C Report VT-07-227)



Supplemental Report

Report No.: VT-07-107

Page: 3 of 3

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JLB*

Date: 11.22.07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

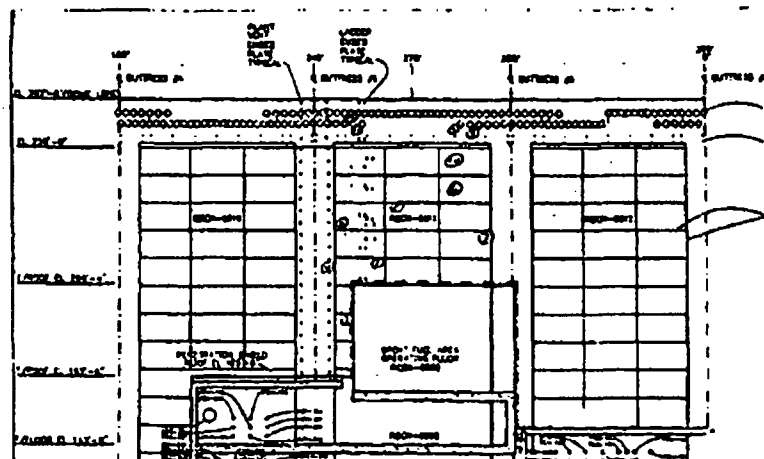
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/22/07

Comments:

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0011.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0011 Procedure Rev.: 2 Report No.: VT-07-227
 Workscope: ISI Work Order No.: _____ Page: 1 of 15

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 167' to 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0011
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T1-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u>—</u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	<u>X</u>	—	—	<u>X</u>	—
2) Cracking	—	—	—	<u>X</u>	—	—	<u>X</u>	—
3) Delaminations	—	—	<u>X</u>	—	—	—	—	<u>X</u>
4) Honeycomb	—	—	<u>X</u>	—	—	—	<u>X</u>	—
5) Water In Leakage	—	—	<u>X</u>	—	—	—	—	<u>X</u>
6) Chemical Leaching	—	—	<u>X</u>	—	—	—	—	<u>X</u>
7) Popouts	—	—	—	<u>X</u>	—	—	<u>X</u>	—
8) Deflection	—	—	<u>X</u>	—	—	—	<u>X</u>	—
9) Staining	—	—	—	<u>X</u>	—	—	<u>X</u>	—
10) Discoloration	—	—	<u>X</u>	—	—	—	<u>X</u>	—
11) Vibration Damage	—	—	<u>X</u>	—	—	—	—	<u>X</u>
12) Reinforcing Bar Corrosion	—	—	—	—	—	—	<u>X</u>	—
13) Rust Bleeding	—	—	—	—	—	—	<u>X</u>	—
14) Tendon Surface Cracking	—	—	—	—	—	—	—	<u>X</u>
15) Efflorescence	—	—	—	—	—	—	<u>X</u>	—
16) Cosmetic Patch Bond	—	—	—	—	—	—	—	<u>X</u>
17) Voids	—	—	—	—	—	—	—	<u>X</u>
18) Erosion	—	—	—	—	—	—	<u>X</u>	—
19) Pitting	—	—	—	—	—	—	<u>X</u>	—
20) Abrasion	—	—	—	—	—	—	<u>X</u>	—
21) Segregation	—	—	—	—	—	—	<u>X</u>	—
22) Other	—	—	—	—	—	—	—	<u>X</u>

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
Sonnier, Jason B.		<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Bennett, Charles		<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-227
Page: 2 of 15

Summary No.: L1.11.0011

Examiner: <u>Sonnier, Jason B.</u> <i>JBS</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JLB</i>	Date: <u>11/22/07</u>
Examiner: <u>Bennett, Charles T.</u> <i>CT</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RIP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/27/07</u>

Comments:

- Item #1 (Reference Page 1 – Condition 16): 3' L x 1" W x 1/4" D, cosmetic patch bond and exposed wire. (See VT-3C Report VT-07-107)
- Item #2 (Reference Page 1 – Condition 16): 2" L x 1/4" W, cosmetic patch bond and exposed wire. (See VT-3C Report VT-07-107)
- Item #3 (Reference Page 1 – Condition 22): 2" long exposed wire. (See VT-3C Report VT-07-107).
- Item #4 (Reference Page 1 – Condition 2): tendon service cracking, tendons # 10 thru # 21, 12" L x 1/16"W (See VT-3C Report VT-07-107)
- Item #5 (Reference Page 1 – Condition 22): 1" long exposed wire (See VT-3C Report VT-07-107).
- Item #6 (Reference Page 1 – Condition 22): 3" long exposed wire. (See VT-3C Report VT-07-107).
- Item #7 (Reference Page 1 – Condition 16): 3' L x 3/4" W x 1/4" D cosmetic patch bond and exposed wire.. (See VT-3C Report VT-07-107).
- Item #8 (Reference Page 1 – Condition 7): 3' L x 1 1/2" W x 1" D, Popout from grouted area. (See VT-3C Report VT-07-107)
- Item #9 (Reference Page 1 – Condition 1): 12' L x 7" W x 2 1/2" D, spalling. (See VT-3C Report VT-07-107)
- Item #10 (Reference Page 1 – Condition 16): 40' L x 1/2" W x 3/4" D, cosmetic patch bond. (See VT-3C Report VT-07-107)
- Item #11 (Reference Page 1 – Condition 2): 8' L x 1/16" W, tendon service cracking. (See VT-3C Report VT-07-107)
- Item #12 (Reference Page 1 – Condition 1): 19' L x 12" W x 1" D, spalling. (See VT-3C Report VT-07-107)



Supplemental Report

Report No.: VT-07-227

Page: 3 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. JBS

Level: II

Reviewer: Joe Less, PE JLS

Date: 11/22/07

Examiner: Bennett, Charles T. CT

Level: II

Site Review: Rick Portmann R.P.

Date: 11/27/07

Other: N/A

Level: N/A

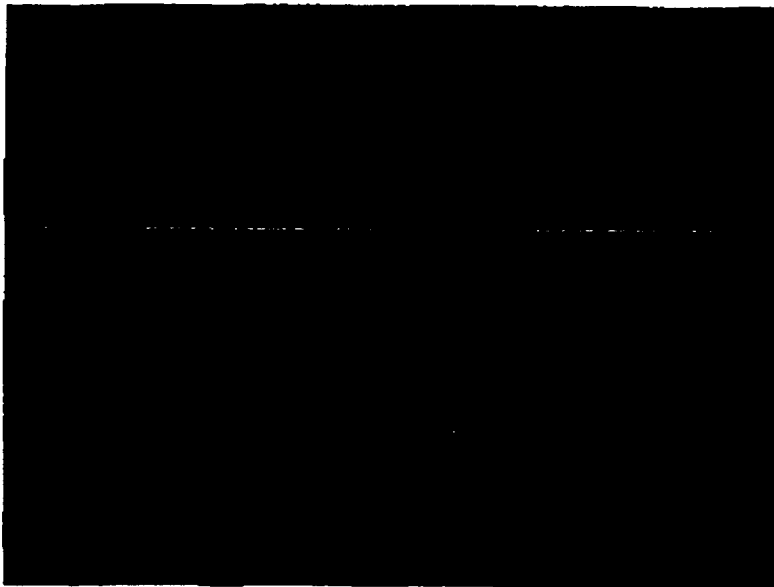
ANII Review: Tom Wyatt, ANII TW

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #10**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-1.JPG



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-2.JPG





Supplemental Report

Report No.: VT-07-227

Page: 4 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. JBS

Level: II

Reviewer: Joe Lese, PE Joe

Date: 1-22-07

Examiner: Bennett, Charles T. CT

Level: II

Site Review: Rick Portmann RJP

Date: 1/22/07

Other: N/A

Level: N/A

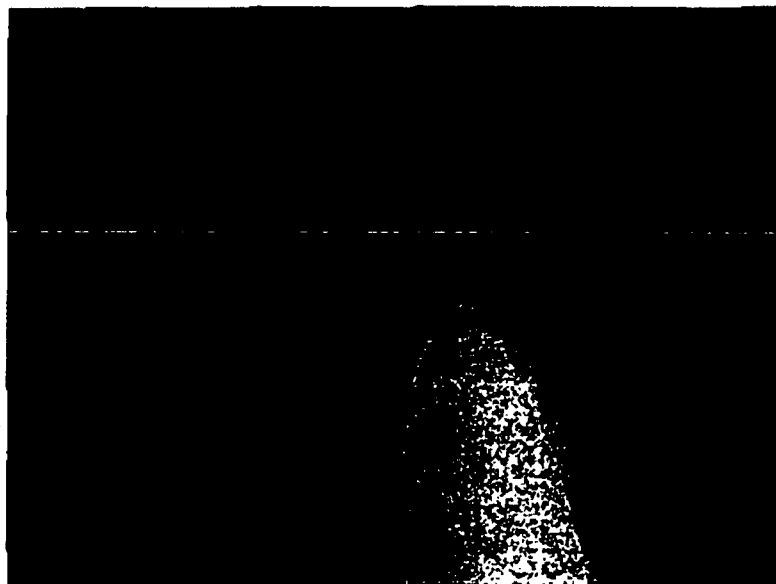
ANII Review: Tom Wyatt, ANII TW

Date: 1/27/07

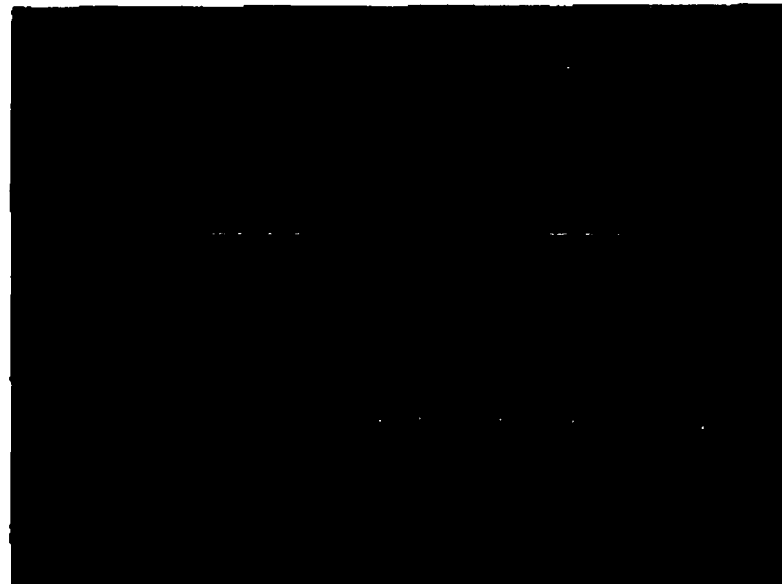
Comments: **PHOTOS FOR ITEM #10 (LEFT) AND ITEM #7 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-3.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-4.JPG





Supplemental Report

Report No.: VT-07-227

Page: 5 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JLB*

Date: 11/27/07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #7 (LEFT) AND ITEM #8 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-5.JPG

L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-6.JPG





Supplemental Report

Report No.: VT-07-227

Page: 6 of 15

Summary No.: L1.11.0011

Examiner: <u>Sonnier, Jason B.</u> <i>JS</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11-22-07</u>
Examiner: <u>Bennett, Charles T.</u> <i>CB</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/27/07</u>

Comments: **PHOTOS FOR ITEM #8)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-7.JPG

L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-8.JPG





Supplemental Report

Report No.: VT-07-227

Page: 7 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JLB*

Date: 11-22-07

Examiner: Bennett, Charles T. *WT*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

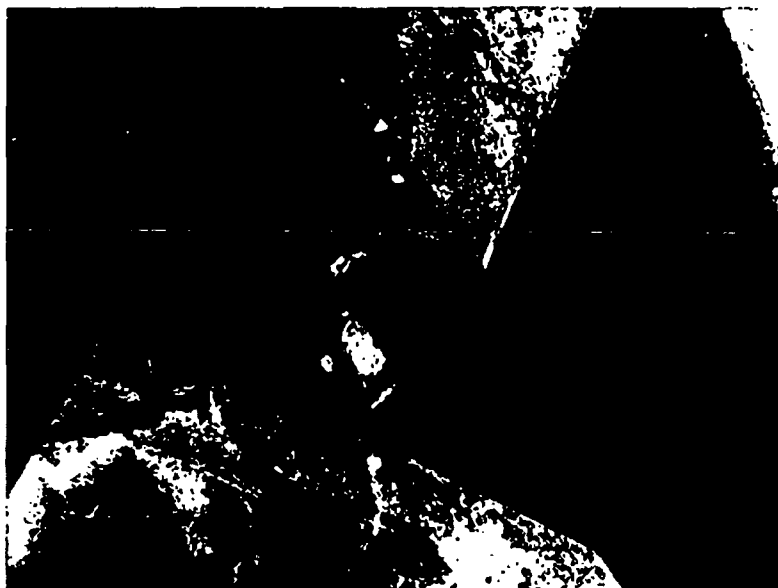
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/22/07

Comments: **PHOTOS FOR ITEM #9**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-9.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-10.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-227

Page: 8 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JLB*

Date: 11/22/07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RP*

Date: 1/22/07

Other: N/A

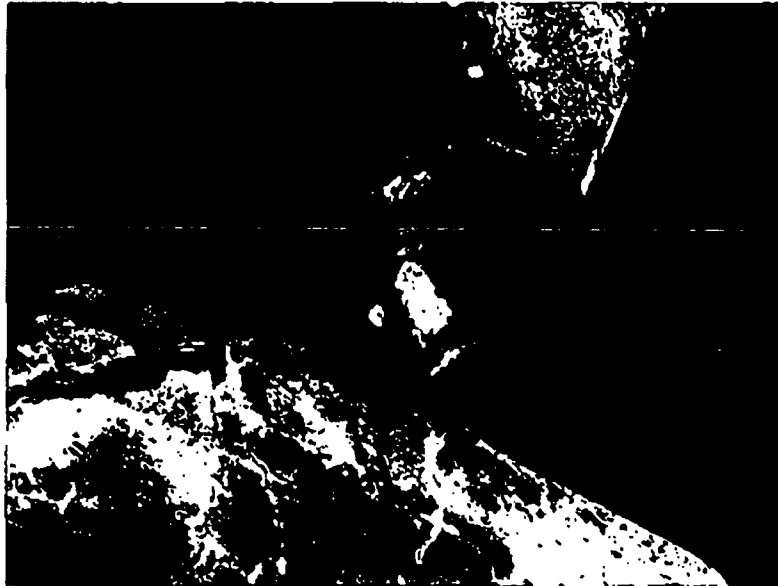
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

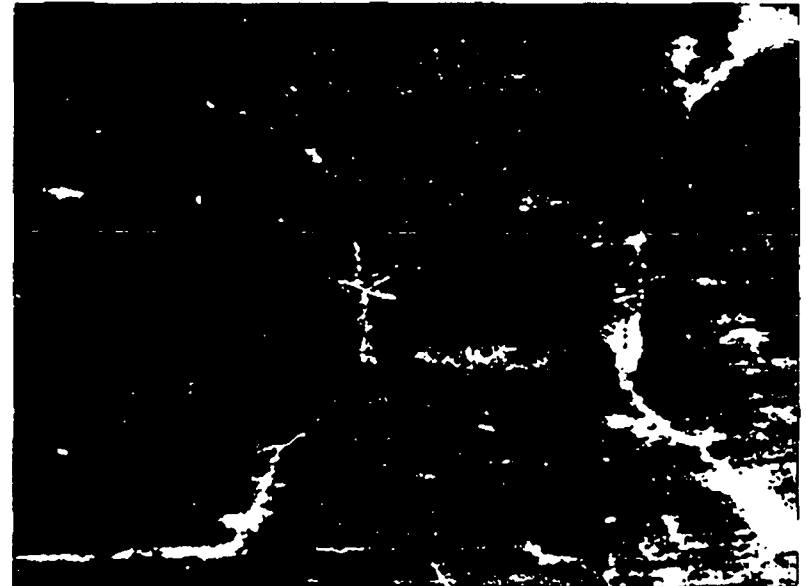
Date: 4/27/07

Comments: **PHOTOS FOR ITEM #9 (LEFT) AND ITEM #6 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-11.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-12.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-227

Page: 9 of 15

Summary No.: L1.11.0011

Examiner: Sonnler, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JLB*

Date: 11/22/07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A

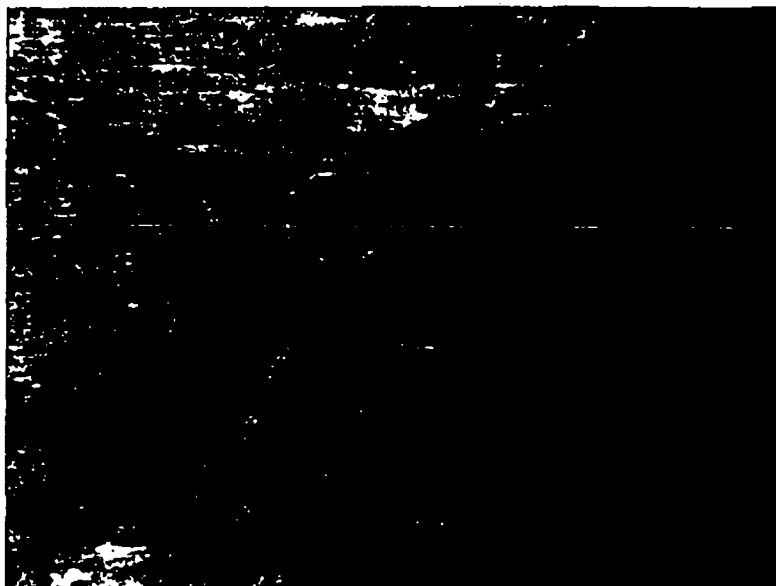
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/22/07

Comments: **PHOTOS FOR ITEM #5 (LEFT) AND ITEM #10 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-13.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-14.JPG



POOR QUALITY COPY

Supplemental Report

Report No.: VT-07-227

Page: 10 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Less, PE *Joe L*

Date: 1/15/07

Examiner: Bennett, Charles T. *BT*

Level: II

Site Review: Rick Portmann *RJP*

Date: 1/22/07

Other: N/A

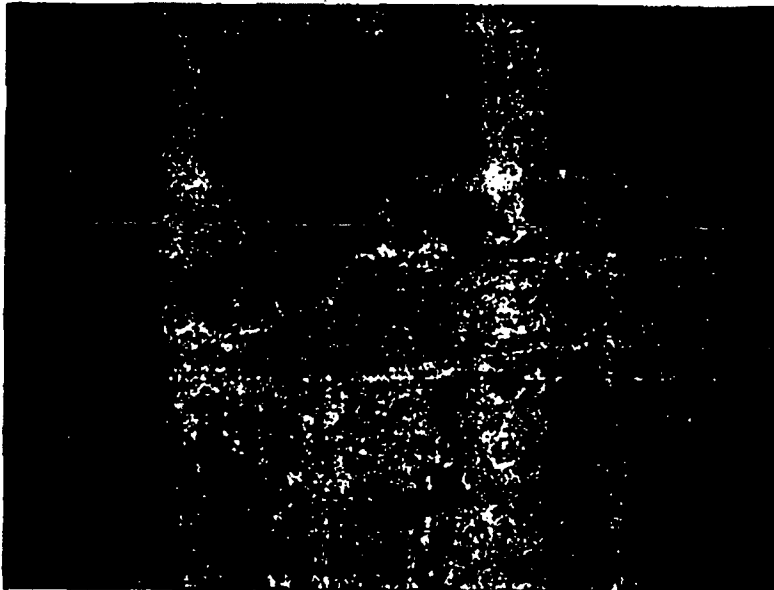
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 1/27/07

Comments: **PHOTOS FOR ITEM #10 (LEFT) AND ITEM #1 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-15.JPG



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-18.JPG





Supplemental Report

Report No.: VT-07-227

Page: 11 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *Joe*

Date: 11-27-07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *R.P.*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #1 (LEFT) AND ITEM #12 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-19.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-20.JPG





Supplemental Report

Report No.: VT-07-227
Page: 12 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *Joe Lese*

Date: 11/22/07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *Rick Portmann*

Date: 11/22/07

Other: N/A

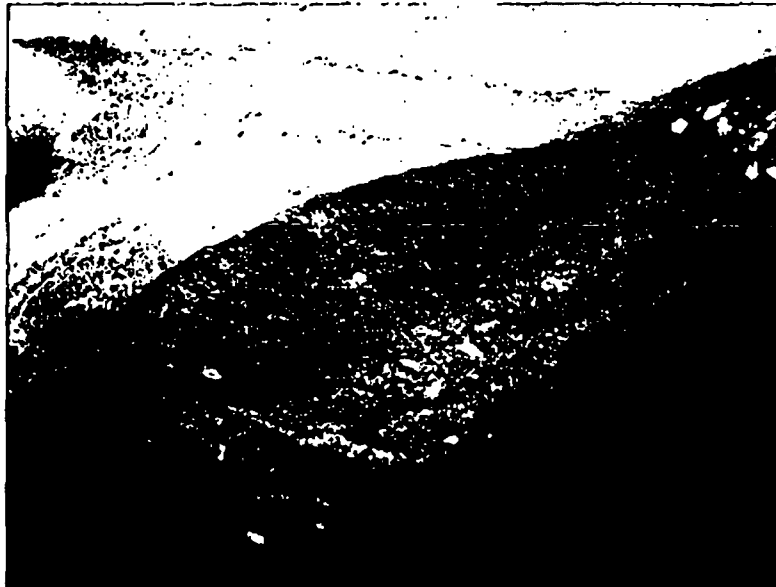
Level: N/A

ANII Review: Tom Wyatt, ANII *Tom Wyatt*

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #12 (LEFT) AND ITEM #11 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-21.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-22.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-227
Page: 13 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *JL*

Date: 11/22/07

Examiner: Bennett, Charles T. *CB*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A

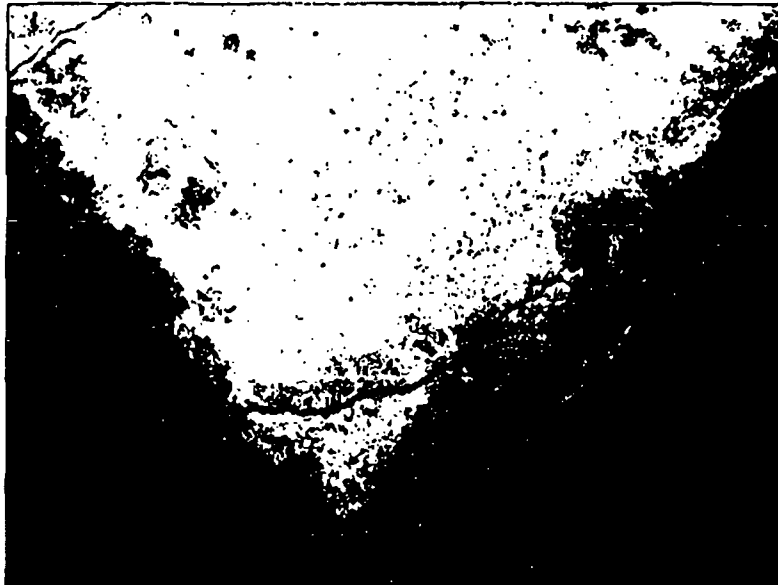
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #11 (LEFT) AND ITEM #2 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-23.JPG



Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-24.JPG



POOR QUALITY COPY

Supplemental Report

Report No.: VT-07-227

Page: 14 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *Joe Lese*

Date: 11/22/07

Examiner: Bennett, Charles T. *CB*

Level: II

Site Review: Rick Portmann *Rick Portmann*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *Tom Wyatt*

Date: 11/27/07

Comments: **PHOTOS FOR ITEM #4**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-25.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-26.JPG





Supplemental Report

Report No.: VT-07-227
Page: 15 of 15

Summary No.: L1.11.0011

Examiner: Sonnier, Jason B. *JBS*

Level: II

Reviewer: Joe Lese, PE *Joe*

Date: 11/22/07

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

Level: N/A

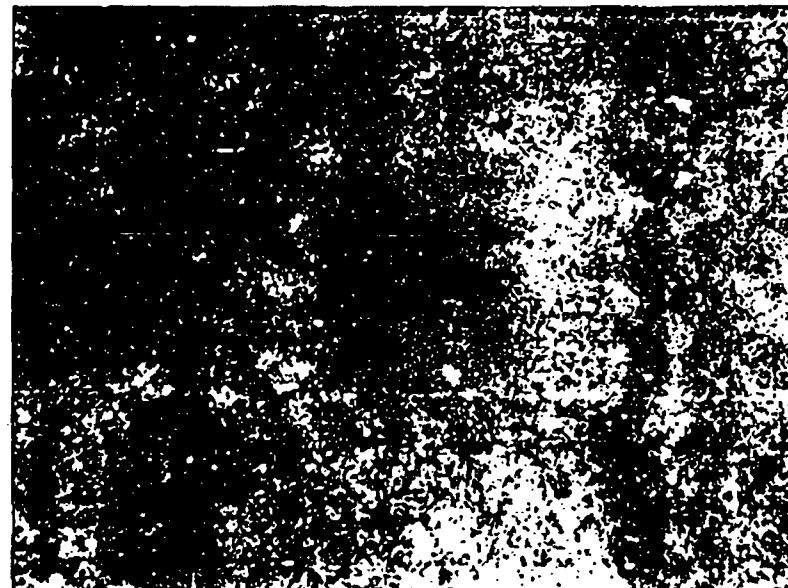
ANII Review: Tom Wyatt, ANII *TW*

Date: 11/22/07

Comments: **PHOTOS FOR ITEM #3**

Sketch or Photo:

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-227-28.JPG



POOR QUALITY COPY



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0012 Procedure Rev.: 2 Report No.: VT-07-108
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL. 149' to EL. 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0012
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T1-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	X	X	—	—	—
2) Cracking	X	—	—	—	X	—	—	—
3) Delaminations	X	—	—	—	X	—	—	—
4) Honeycomb	X	—	—	—	X	—	—	—
5) Water In Leakage	X	—	—	—	—	X	—	—
6) Chemical Leaching	X	—	—	—	X	—	—	—
7) Popouts	—	—	—	X	X	—	—	—
8) Deflection	X	—	—	—	X	—	—	—
9) Staining	X	—	—	—	X	—	—	—
10) Discoloration	X	—	—	—	X	—	—	—
11) Vibration Damage	X	—	—	—	—	—	—	X
12) Reinforcing Bar Corrosion	—	—	—	—	X	—	—	—
13) Rust Bleeding	—	—	—	—	X	—	—	—
14) Tendon Surface Cracking	—	—	—	—	X	—	—	—
15) Efflorescence	—	—	—	—	X	—	—	—
16) Cosmetic Patch Bond	—	—	—	—	—	X	—	—
17) Voids	—	—	—	—	X	—	—	—
18) Erosion	—	—	—	—	X	—	—	—
19) Pitting	—	—	—	—	X	—	—	—
20) Abrasion	—	—	—	—	X	—	—	—
21) Segregation	—	—	—	—	X	—	—	—
22) Other	—	—	—	—	—	—	—	X

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9-4-01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval

NCR 256010

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	11/23/07



Supplemental Report

Report No.: VT-07-108

Page: 2 of 3

Summary No.: L1.11.0012

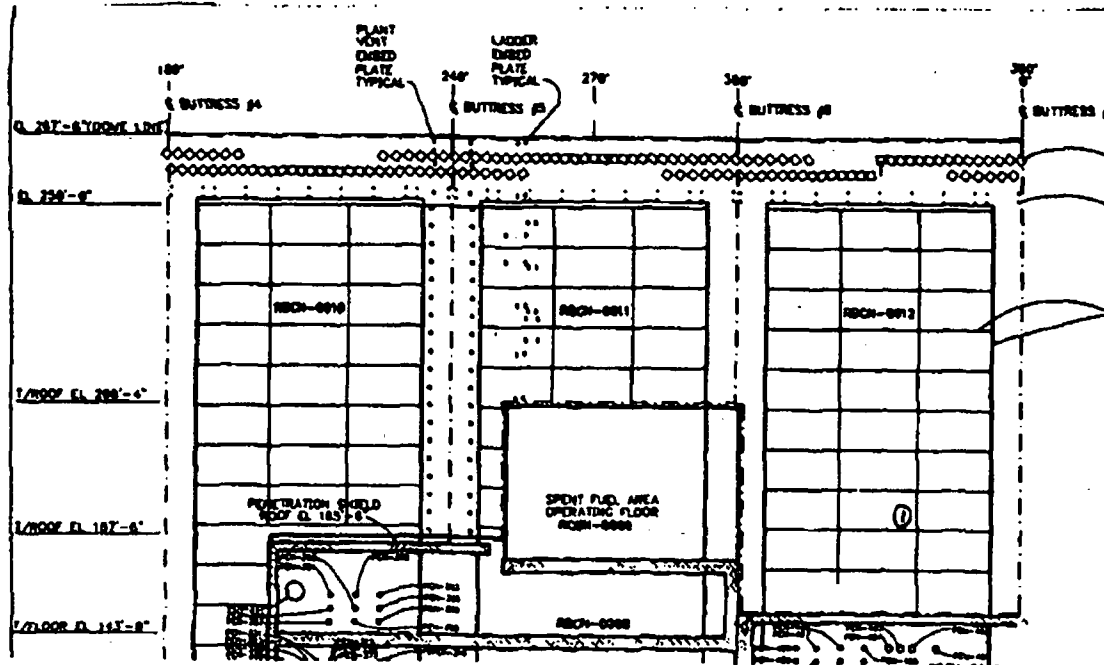
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>1.22.07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>4/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

ITEM 1 - (REFERENCE PAGE 1 - CONDITION 16) 1" X 8" GREASE LEAK COMING FROM COSMETIC PATCH BOND THAT RUNS FROM BUTT 6 TO BUTT 1. (SEE VT-3C REPORT VT-07-230)

Summary No.: L1.11.0012

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0012.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0012 Procedure Rev.: 2 Report No.: VT-07-230
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 149' to EL. 267' 6"
 Drawing No.: S-425-002 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0012
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPE MEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—
2) Cracking	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
3) Delaminations	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
4) Honeycomb	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	—	—	—	<input checked="" type="checkbox"/>
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
7) Popouts	—	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—
8) Deflection	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
9) Staining	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	—	—	—	<input checked="" type="checkbox"/>
12) Reinforcing Bar Corrosion	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
13) Rust Bleeding	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
14) Tendon Surface Cracking	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
15) Efflorescense	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
16) Cosmetic Patch Bond	—	—	—	—	—	—	—	<input checked="" type="checkbox"/>
17) Voids	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
18) Erosion	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
19) Pitting	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
20) Abrasion	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
21) Segregation	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
22) Other	—	—	—	—	—	—	—	<input checked="" type="checkbox"/>

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A

NCR 256010
 Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11-22-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.		<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/22/07



Supplemental Report

Report No.: VT-07-230

Page: 2 of 2

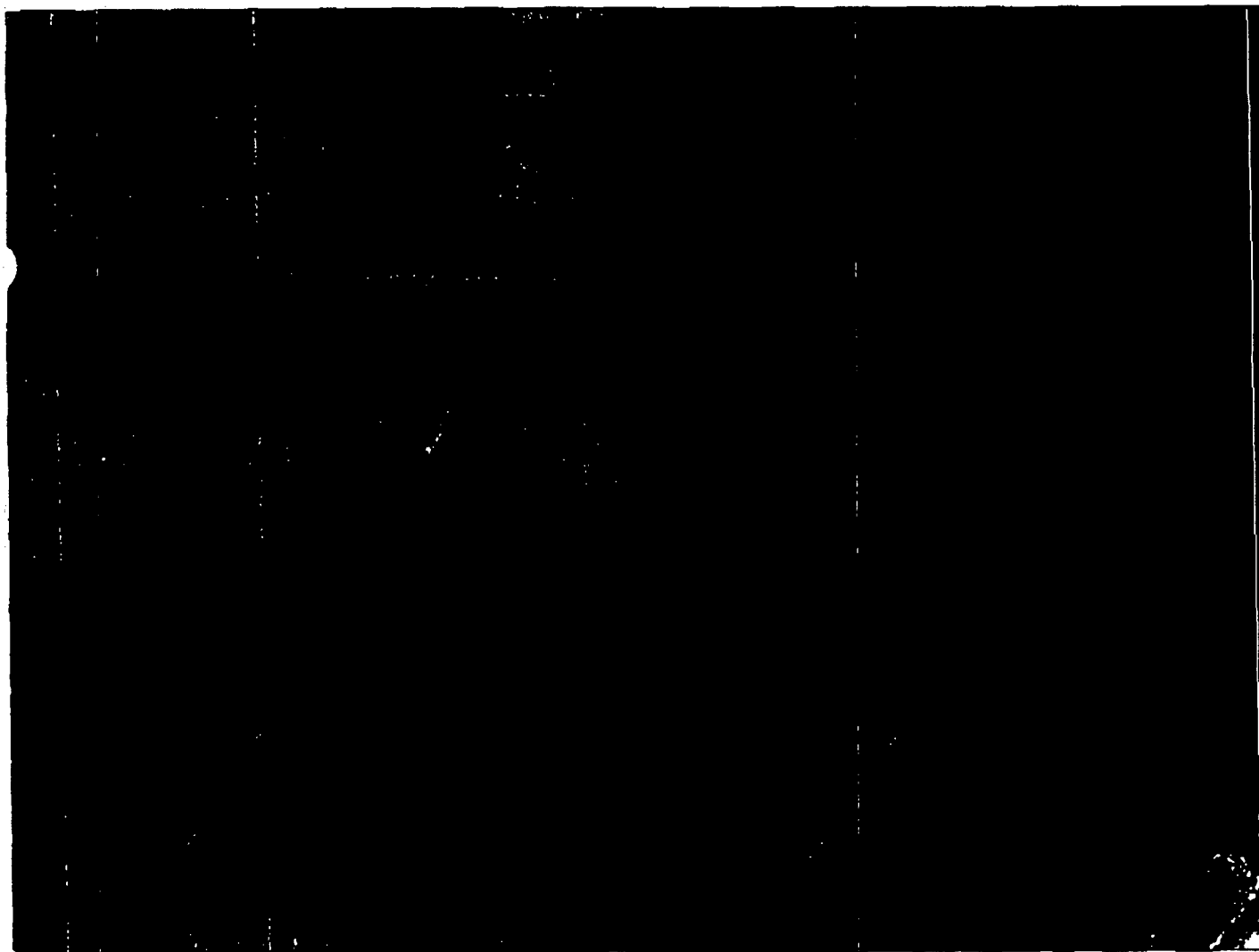
Summary No.: L1.11.0012

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments: **ITEM 1 - (REFERENCE PAGE 1 - CONDITION 16) 1" X 8" GREASE LEAK COMING FROM COSMETIC PATCH BOND THAT RUNS FROM BUTT 6 TO BUTT 1. (SEE VT-3C REPORT VT-07-230)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-230-1.JPG





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0013 Procedure Rev.: 2 Report No.: VT-07-109
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 149' to EL 267' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0013
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Spalling	—	<input checked="" type="checkbox"/>	—	—	12) Reinforcing Bar Corrosion	—	—	<input checked="" type="checkbox"/>
2) Cracking	<input checked="" type="checkbox"/>	—	—	—	13) Rust Bleeding	<input checked="" type="checkbox"/>	—	—
3) Delaminations	<input checked="" type="checkbox"/>	—	—	—	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	—	—
4) Honeycomb	—	—	—	<input checked="" type="checkbox"/>	15) Efflorescence	<input checked="" type="checkbox"/>	—	—
5) Water In Leakage	<input checked="" type="checkbox"/>	—	—	—	16) Cosmetic Patch Bond	<input checked="" type="checkbox"/>	—	—
6) Chemical Leaching	<input checked="" type="checkbox"/>	—	—	—	17) Voids	—	—	<input checked="" type="checkbox"/>
7) Popouts	<input checked="" type="checkbox"/>	—	—	—	18) Erosion	<input checked="" type="checkbox"/>	—	—
8) Deflection	<input checked="" type="checkbox"/>	—	—	—	19) Pitting	<input checked="" type="checkbox"/>	—	—
9) Staining	<input checked="" type="checkbox"/>	—	—	—	20) Abrasion	<input checked="" type="checkbox"/>	—	—
10) Discoloration	<input checked="" type="checkbox"/>	—	—	—	21) Segregation	<input checked="" type="checkbox"/>	—	—
11) Vibration Damage	<input checked="" type="checkbox"/>	—	—	—	22) Other	—	—	<input checked="" type="checkbox"/>

Comments:
RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 09-04-01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.			11/13/2007	Joe Lese, PE		11-22-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.			11/13/2007	Rick Portmann		11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII		11/27/07



Supplemental Report

Report No.: VT-07-109
Page: 2 of 3

Summary No.: L1.11.0013

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11-22-07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>11/27/07</u>

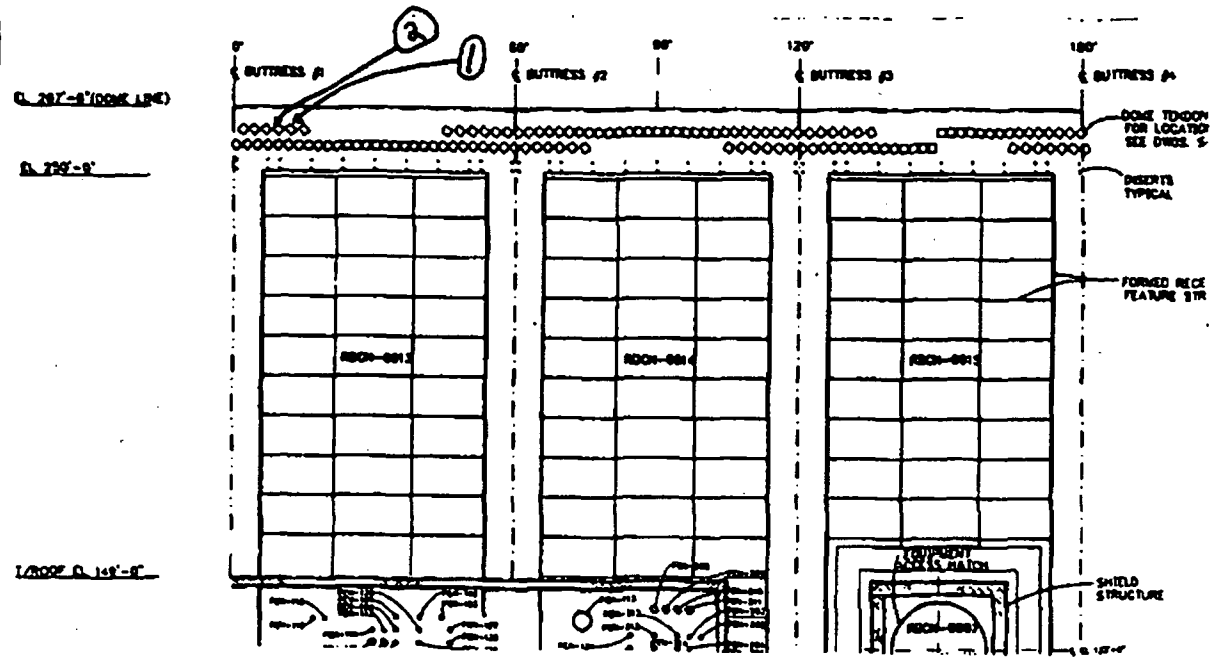
Comments:

ITEM 1 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 13" X 5" (SEE VT-1C REPORT VT-07-229).

ITEM 2 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 14" X 6" (SEE VT-1C REPORT VT-07-229).

Summary No.: L1.11.0013

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0013.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0013 Procedure Rev.: 2 Report No.: VT-07-229
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 149' to EL. 267' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0013
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPE MEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>				
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments	
1) Spalling	—	—	—	X	12) Reinforcing Bar Corrosion	—	—	—	X
2) Cracking	—	—	X	—	13) Rust Bleeding	—	—	X	—
3) Delaminations	—	—	X	—	14) Tendon Surface Cracking	—	—	X	—
4) Honeycomb	—	—	—	X	15) Efflorescence	—	—	X	—
5) Water In Leakage	—	—	X	—	16) Cosmetic Patch Bond	—	—	X	—
6) Chemical Leaching	—	—	X	—	17) Voids	—	—	—	X
7) Popouts	—	—	X	—	18) Erosion	—	—	X	—
8) Deflection	—	—	X	—	19) Pitting	—	—	X	—
9) Staining	—	—	X	—	20) Abrasion	—	—	X	—
10) Discoloration	—	—	X	—	21) Segregation	—	—	X	—
11) Vibration Damage	—	—	X	—	22) Other	—	—	—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A

NCR 256010
 Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11-22-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-229

Page: 2 of 2

Summary No.: L1.11.0013

Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

ITEM 1 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 13" X 5" (SEE VT-3C REPORT VT-07-109).

ITEM 2 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 14" X 6" (SEE VT-3C REPORT VT-07-109).



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0014 Procedure Rev.: 2 Report No.: VT-07-110
 Workscope: ISI Work Order No.: 681043 Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 119' to EL 276' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0014
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	X	—	—	X	—	—	—
2) Cracking	—	—	—	X	X	—	—	—
3) Delaminations	X	—	—	—	X	—	—	—
4) Honeycomb	—	—	—	X	—	—	—	X
5) Water In Leakage	X	—	—	—	X	—	—	—
6) Chemical Leaching	X	—	—	—	X	—	—	—
7) Popouts	—	X	—	—	X	—	—	—
8) Deflection	X	—	—	—	X	—	—	—
9) Staining	X	—	—	—	X	—	—	—
10) Discoloration	X	—	—	—	X	—	—	—
11) Vibration Damage	X	—	—	—	—	—	—	X
12) Reinforcing Bar Corrosion	—	—	—	—	X	—	—	—
13) Rust Bleeding	—	—	—	—	X	—	—	—
14) Tendon Surface Cracking	—	—	—	—	X	—	—	—
15) Efflorescence	—	—	—	—	—	—	—	X
16) Cosmetic Patch Bond	—	—	—	—	X	—	—	—
17) Voids	—	—	—	—	X	—	—	—
18) Erosion	—	—	—	—	X	—	—	—
19) Pitting	—	—	—	—	X	—	—	—
20) Abrasion	—	—	—	—	X	—	—	—
21) Segregation	—	—	—	—	X	—	—	—
22) Other	—	—	—	—	—	—	—	X

Comments: **RECORDING CRITERIAL PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).**

Results: Accept Reject Eval NCR 256010
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	11/13/2007	Joe Less, PE	<i>[Signature]</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.		<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-110

Page: 2 of 3

Summary No.: L1.11.0014

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11/22/07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>11/27/07</u>

Comments:

ITEM 1 - (REFERENCE PAGE 1 - CONDITION 7) POPOUT 3" X 4" X 1" (SEE VT-1C REPORT 07-228)

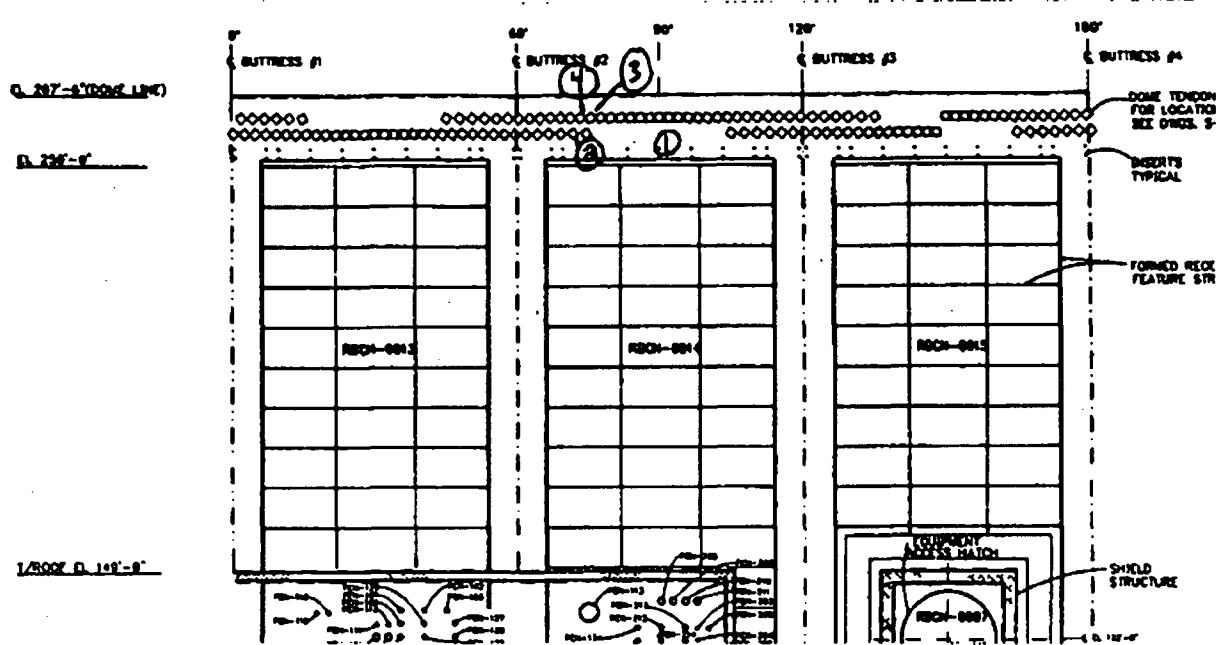
ITEM 2 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 13" X 8" (SEE VT-1C REPORT 07-228)

ITEM 3 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 29" X 12" (SEE VT-1C REPORT 07-228)

ITEM 4 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 27" X 6" (SEE VT-1C REPORT 07-228)

Summary No.: L1.11.0014

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0014.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0014 Procedure Rev.: 2 Report No.: VT-07-228
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 119' to EL 276' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0014
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 1/10" & 1/32" SCALE, FLASHLIGHT, TAPE MEASURE & SPOTLIGHT
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T1-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	X	—	—	X	—
2) Cracking	—	—	—	X	—	—	X	—
3) Delaminations	—	—	X	—	—	—	X	—
4) Honeycomb	—	—	—	X	—	—	—	X
5) Water In Leakage	—	—	X	—	—	—	X	—
6) Chemical Leaching	—	—	X	—	—	—	X	—
7) Popouts	—	—	—	X	—	—	X	—
8) Deflection	—	—	X	—	—	—	X	—
9) Staining	—	—	X	—	—	—	X	—
10) Discoloration	—	—	X	—	—	—	X	—
11) Vibration Damage	—	—	X	—	—	—	—	X
12) Reinforcing Bar Corrosion	—	—	—	—	—	—	X	—
13) Rust Bleeding	—	—	—	—	—	—	X	—
14) Tendon Surface Cracking	—	—	—	—	—	—	X	—
15) Efflorescence	—	—	—	—	—	—	—	X
16) Cosmetic Patch Bond	—	—	—	—	—	—	X	—
17) Voids	—	—	—	—	—	—	X	—
18) Erosion	—	—	—	—	—	—	X	—
19) Pitting	—	—	—	—	—	—	X	—
20) Abrasion	—	—	—	—	—	—	X	—
21) Segregation	—	—	—	—	—	—	X	—
22) Other	—	—	—	—	—	—	—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: NCR 256010
 Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/13/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/13/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-228
Page: 2 of 2

Summary No.: L1.11.0014

Examiner: <u>LeBlanc, Marc J. MJL</u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11.21.07</u>
Examiner: <u>Duplechain, Lenus F. LD</u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/22/07</u>

Comments:

- ITEM 1 - (REFERENCE PAGE 1 - CONDITION 7) POPOUT 3" X 4" X 1" (SEE VT-3C REPORT 07-110)
- ITEM 2 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 13" X 8" (SEE VT-3C REPORT 07-110)
- ITEM 3 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 29" X 12" (SEE VT-3C REPORT 07-110)
- ITEM 4 - (REFERENCE PAGE 1 - CONDITION 1) SPALL 27" X 6" (SEE VT-3C REPORT 07-110)



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0015 Procedure Rev.: 2 Report No.: VT-07-111
 Workscope: ISI Work Order No.: 681043 Page: 1 of 4

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: EL 119' to EL 267' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0015
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <u>—</u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	X	—	—	12) Reinforcing Bar Corrosion	—	X	—
2) Cracking	—	X	—	—	13) Rust Bleeding	X	—	—
3) Delaminations	X	—	—	—	14) Tendon Surface Cracking	X	—	—
4) Honeycomb	—	X	—	—	15) Efflorescence	X	—	—
5) Water In Leakage	X	—	—	—	16) Cosmetic Patch Bond	—	X	—
6) Chemical Leaching	X	—	—	—	17) Voids	X	—	—
7) Popouts	—	X	—	—	18) Erosion	X	—	—
8) Deflection	X	—	—	—	19) Pitting	X	—	—
9) Staining	—	X	—	—	20) Abrasion	X	—	—
10) Discoloration	X	—	—	—	21) Segregation	X	—	—
11) Vibration Damage	X	—	—	—	22) Other	—	X	—

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR 256 010

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/13/2007	Joe Lese, PE	<i>Joe Lese</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
LeBlanc, Marc J.		<i>M. LeBlanc</i>	11/13/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Bennett, Charles T.		<i>Charles T. Bennett</i>	11/13/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	11/28/07



Supplemental Report

Report No.: VT-07-111
Page: 2 of 4

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11-22-07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>11/22/07</u>
Other: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #1 (Reference Page 1 – Condition 01): 9”L X 6” W (maximum) X 1/2” Deep (maximum): Spall. (See VT-1C Report VT-07-289).
- Item #2 (Reference Page 1 – Condition 12, 22): Reinforcing bar corrosion. Other - wood embedment in concrete, nail embedment in concrete. (See VT-1C Report VT-07-289).
- Item #3 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, exposed tie wire in concrete. (See VT-1C Report VT-07-289).
- Item #4 (Reference Page 1 – Condition 12): Reinforcing bar corrosion. (See VT-1C Report VT-07-289).
- Item #5 (Reference Page 1 – Condition 12): Reinforcing bar corrosion. (See VT-1C Report VT-07-289).
- Item #6 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, metal corrosion. (See VT-1C Report VT-07-289).
- Item #7 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete. (See VT-1C Report VT-07-289).
- Item #8 (Reference Page 1 – Condition 07, 22): 2” Diameter X 1/2” Deep (maximum): Popout, wood embedment in concrete. (See VT-1C Report VT-07-289.)
- Item #9 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, metal corrosion. (See VT-1C Report VT-07-289).
- Item #10 (Reference Page 1 – Condition 09): Staining (rust). (See VT-1C Report VT-07-289).
- Item #11 (Reference Page 1 – Condition 01, 22): 7”L X 1-1/2” W (maximum) X 1/2” Deep (maximum) Spall; and 4”L X 1” W (maximum) X 1/2” Deep (maximum) Spall; and Embedded boxes in concrete; and nail embedment in concrete. (See VT-1C Report VT-07-289).
- Item #12 (Reference Page 1 – Condition 02): 40”L X 5/8” W X 1/2” Deep: Cracking. (See VT-1C Report VT-07-289).
- Item #13 (Reference Page 1 – Condition 09): Staining (rust). (See VT-1C Report VT-07-289).
- Item #14 (Reference Page 1 – Condition 02): 24”L X 1/8” W X <1/2” Deep: Cracking. (See VT-1C Report VT-07-289).
- Item #15 (Reference Page 1 – Condition 22): Other - Nail and tie wire embedment in concrete. (See VT-1C Report VT-07-289).
- Item #16 (Reference Page 1 – Condition 22): Other - wood embedment in concrete. (See VT-1C Report VT-07-289).
- Item #17 (Reference Page 1 – Condition 09): Staining (rust). (See VT-1C Report VT-07-289).
- Item #18 (Reference Page 1 – Condition 16): 4”L X 2-1/4” W X 1/2” Deep: Displacement of cosmetic grout patch over previously existing spall. (See VT-1C Report VT-07-289).
- Item #19 (Reference Page 1 – Condition 1): 9-1/2”L X 3” W X 2-1/2” Deep: Spall. (See VT-1C Report VT-07-289).



Supplemental Report

Report No.: VT-07-111

Page: 3 of 4

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-22-07</u>
Examiner: <u>LeBlanc, Marc J. <i>MSL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

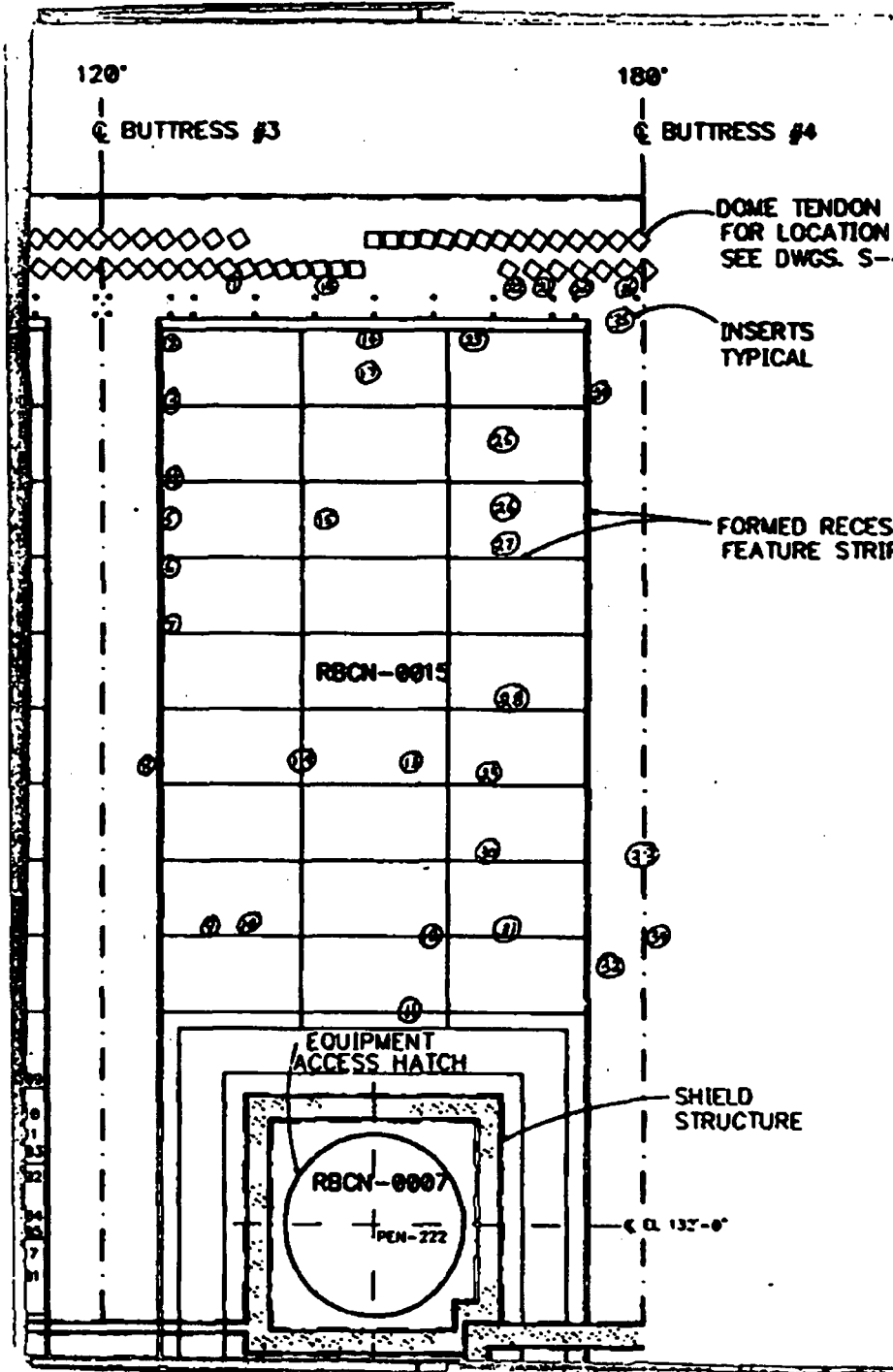
- Item #20 (Reference Page 1 - Condition 1): 12"L X 6" W X 5/8" Deep: Spall. (See VT-1C Report VT-07-289).
- Item #21 (Reference Page 1 - Condition 1): 6"L X 6" W X 5/8" Deep: Spall. (See VT-1C Report VT-07-289).
- Item #22 (Reference Page 1 - Condition 1): 8"L X 4" W X 1" Deep: Spall. (See VT-1C Report VT-07-289).
- Item #23 (Reference Page 1 - Condition 1): 8"L X 8" W X 3/4" Deep: Spall. (See VT-1C Report VT-07-289).
- Item #24 (Reference Page 1 - Condition 22): Other - wood embedment in concrete. (See VT-1C Report VT-07-289).
- Item #25 (Reference Page 1 - Condition 09): Staining (rust). (See VT-1C Report VT-07-289).
- Item #26 (Reference Page 1 - Condition 09): Staining (rust). (See VT-1C Report VT-07-289).
- Item #27 (Reference Page 1 - Condition 1, 16): 30"L X 4" W X 1/2" Deep: Spall; displacement of cosmetic grout patch over previously existing spall. (See VT-1C Report VT-07-289).
- Item #28 (Reference Page 1 - Condition 02): 72"L X 3/16" W X 1/8" Deep: Cracking. (See VT-1C Report VT-07-289).
- Item #29 (Reference Page 1 - Condition 07): 1" Diameter X 1/2" Deep (maximum): Popout. (See VT-1C Report VT-07-289).
- Item #30 (Reference Page 1 - Condition 4, 22): 6"L X 2" W X 1/2" Deep: Honeycomb/cold joint area with wire embedment. (See VT-1C Report VT-07-289).
- Item #31 (Reference Page 1 - Condition 02, 09): Cracking (continuation of intermittent condition described in Item 12), Staining (rust). (See VT-1C Report VT-07-289).
- Item #32 (Reference Page 1 - Condition 12, 16): Reinforcing bar corrosion; displacement of cosmetic grout patch over previously existing spall. (See VT-1C Report VT-07-289).
- Item #33 (Reference Page 1 - Condition 09, 22): Staining (rust). Other - elastomer separation. (See VT-1C Report VT-07-289).
- Item #34 (Reference Page 1 - Condition 16): 2" L X 1/2" W: Displacement of cosmetic grout patch over previously existing spall. (See VT-1C Report VT-07-289).
- Item #35 (Reference Page 1 - Condition 1, 16): 4"L X 6" W X 3/4" Deep: Spall; displacement of cosmetic grout patch over previously existing spall. (See VT-1C Report VT-07-289).
- Item #36 (Reference Page 1 - Condition 1): 8"L X 4" W X 1-1/2" Deep: Spall. (See VT-1C Report VT-07-289).
- Item #37 (Reference Page 1 - Condition 09): Staining. (See VT-1C Report VT-07-289).

Inaccessible Areas:

None

Summary No.: L1.11.0015

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\RBCN-0015.jpg





Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0015 Procedure Rev.: 2 Report No.: VT-07-289
 Workscope: ISI Work Order No.: 681043 Page: 1 of 12

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: EL. 119' to EL. 267' 6"
 Drawing No.: S-425-001 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0015
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 0830 / 1205 / 1300 Cal Out 1645
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>				See Comments
	Accept	Reject	N/A			Accept	Reject	N/A		
1) Spalling	—	—	—	<input checked="" type="checkbox"/>	12) Reinforcing Bar Corrosion	—	—	—	<input checked="" type="checkbox"/>	
2) Cracking	—	—	—	<input checked="" type="checkbox"/>	13) Rust Bleeding	—	—	<input checked="" type="checkbox"/>	—	
3) Delaminations	—	—	<input checked="" type="checkbox"/>	—	14) Tendon Surface Cracking	—	—	<input checked="" type="checkbox"/>	—	
4) Honeycomb	—	—	—	<input checked="" type="checkbox"/>	15) Efflorescence	—	—	<input checked="" type="checkbox"/>	—	
5) Water In Leakage	—	—	<input checked="" type="checkbox"/>	—	16) Cosmetic Patch Bond	—	—	—	<input checked="" type="checkbox"/>	
6) Chemical Leaching	—	—	<input checked="" type="checkbox"/>	—	17) Voids	—	—	<input checked="" type="checkbox"/>	—	
7) Popouts	—	—	—	<input checked="" type="checkbox"/>	18) Erosion	—	—	<input checked="" type="checkbox"/>	—	
8) Deflection	—	—	<input checked="" type="checkbox"/>	—	19) Pitting	—	—	<input checked="" type="checkbox"/>	—	
9) Staining	—	—	—	<input checked="" type="checkbox"/>	20) Abrasion	—	—	<input checked="" type="checkbox"/>	—	
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—	21) Segregation	—	—	<input checked="" type="checkbox"/>	—	
11) Vibration Damage	—	—	<input checked="" type="checkbox"/>	—	22) Other	—	—	—	<input checked="" type="checkbox"/>	

Comments:
SEE SUPPLEMENTAL REPORT.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

NCR 256010
Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/13/2007	Joe Lese, PE	<i>J. Lese</i>	11-22-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
LeBlanc, Marc J.		<i>M. LeBlanc</i>	11/13/2007	Rick Portmann	<i>R. Portmann</i>	11/22/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Bennett, Charles T.		<i>C. Bennett</i>	11/13/2007	Tom Wyatt, ANII	<i>T. Wyatt</i>	11/27/07



Supplemental Report

Report No.: VT-07-289

Page: 2 of 12

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11/22/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u>	Date: <u>11/22/07</u>
Other: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>11/22/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 01): 9”L X 6” W (maximum) X 1/2” Deep (maximum): Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-1.jpg.

Item #2 (Reference Page 1 – Condition 12, 22): Reinforcing bar corrosion. Other - wood embedment in concrete, nail embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined that two (2) exposed rebars exhibit medium corrosion with no wastage. Wood embedment likely resulted from plywood lamination transfer onto the concrete surface (10” X 18” area). Three (3) nails were also noted. Note: Five (5) epoxy coated exposed are also located in this area.

Item #3 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, exposed tie wire in concrete. (See VT-3C Report VT-07-111). VT-1C determined no additional degradation to the concrete.

Item #4 (Reference Page 1 – Condition 02, 12, 22): Cracking along the horizontal joint. Reinforcing bar corrosion, nail embedment. (See VT-3C Report VT-07-111). VT-1C determined intermittent cracking along the horizontal joint. one (1) exposed rebar with light corrosion and no wastage. A nail was also identified in this area.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-2.jpg Item #5 (Reference Page 1 – Condition 12): Reinforcing bar corrosion. (See VT-3C Report VT-07-111). VT-1C determined that an exposed rebar on the edge of Buttress #3 between Grease Caps 40 and 41 exhibits medium corrosion with no wastage.

Item #6 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, metal corrosion. (See VT-3C Report VT-07-111). VT-1C determined no additional degradation to the concrete. The angle iron on the edge of Buttress #3 exhibits light rusting with no wastage.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-3.jpg Item #7 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined no additional degradation to the concrete.

Item #8 (Reference Page 1 – Condition 07, 22): 2” Diameter X 1/2” Deep (maximum): Popout, wood embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined popout of a previous grout patch over rebar. Medium corrosion and staining has resulted. It was also determined that there are plywood remnants in the center joint of Buttress #3 down to - elevation 130’. No additional degradation to the concrete was noted.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-4.jpg, VT-07-289-14.jpg

Item #9 (Reference Page 1 – Condition 22): Other - Nail embedment in concrete, metal corrosion. (See VT-3C Report VT-07-111). VT-1C determined 8 nails total in the centerline of the horizontal joint. No additional degradation to the concrete was noted.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-5.jpg Item #10 (Reference Page 1 – Condition 09): Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined that the staining was from embedded metal. No additional degradation to the concrete was noted.

Item #11 (Reference Page 1 – Condition 01, 22): 7”L X 1-1/2” W (maximum) X 1/2” Deep (maximum) Spall; and 4”L X 1” W (maximum) X 1/2” Deep (maximum) Spall; and Embedded boxes in concrete; and nail embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined spalls were due to embedded cables near the embedded boxes. Multiple nail locations were also noted as well as smaller Popout areas. No additional degradation to the concrete was noted.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-6.jpg, VT-07-289-15.jpg

Item #12 (Reference Page 1 – Condition 02): 40”L X 5/8” W X 1/2” Deep: Cracking. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-7.jpg

Item #13 (Reference Page 1 – Condition 09): Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined that the staining was from embedded nails. No additional degradation to the concrete was noted.



Supplemental Report

Report No.: VT-07-289
Page: 3 of 12

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #14 (Reference Page 1 - Condition 02): 24"L X 1/8" W X <1/2" Deep: Cracking. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.
- Item #15 (Reference Page 1 - Condition 22): Other - Nail and tie wire embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined no additional degradation to the concrete.
- Item #16 (Reference Page 1 - Condition 22): Other - wood embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined that wood embedment on the bottom face of the ring girder likely resulted from plywood lamination transfer onto the concrete surface (10" X 18" area).
- Item #17 (Reference Page 1 - Condition 09): Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined that the staining was from embedded metal. No additional degradation to the concrete was noted.
- Item #18 (Reference Page 1 - Condition 16): 4"L X 2-1/4" W X 1/2" Deep: Displacement of cosmetic grout patch over previously existing spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.
- Item #19 (Reference Page 1 - Condition 1): 9-1/2"L X 3" W X 2-1/2" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined exposed bearing plate surface with minor wastage of metal.
RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-8.jpg
- Item #20 (Reference Page 1 - Condition 1): 12"L X 6" W X 5/8" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire, however there was rust staining present.
RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-9.jpg
- Item #21 (Reference Page 1 - Condition 1): 6"L X 6" W X 5/8" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.
RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-10.jpg
- Item #22 (Reference Page 1 - Condition 1): 8"L X 4" W X 1" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire.
RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-11.jpg, VT-07-289-16.jpg
- Item #23 (Reference Page 1 - Condition 1): 8"L X 8" W X 3/4" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed rebar or wire; however there are five (5) embedded nails in this area.
- Item #24 (Reference Page 1 - Condition 22): Other - wood embedment in concrete. (See VT-3C Report VT-07-111). VT-1C determined that wood embedment likely resulted from plywood lamination transfer onto the concrete surface. Embedded nails and tie wires were also observed. No additional degradation to the concrete was observed.
- Item #25 (Reference Page 1 - Condition 09): Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined that the rust staining originated at the edge of the bearing plate above. No additional degradation to the concrete was observed.
- Item #26 (Reference Page 1 - Condition 09): Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined that the staining was from embedded nails. No additional degradation to the concrete was noted.
- Item #27 (Reference Page 1 - Condition 1, 16): 30"L X 4" W X 1/2" Deep: Spall; displacement of cosmetic grout patch over previously existing spall. (See VT-3C Report VT-07-111). VT-1C determined that this condition was typical on the west face of Buttress #4, and intermittent areas of exposed wire and rebar were observed. Minor rust staining from bearing plates was noted. Paint was also observed separating from bearing plates and grease caps.
RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-12.jpg
- Item #28 (Reference Page 1 - Condition 02): 72"L X 3/16" W X 1/8" Deep: Cracking. (See VT-3C Report VT-07-111). VT-1C determined intermittent cracking along the horizontal joint. No exposed rebar or wire was observed.
- Item #29 (Reference Page 1 - Condition 07): 1" Diameter X 1/2" Deep (maximum): Popout. (See VT-3C Report VT-07-111). VT-1C determined that a piece of aggregate likely separated along the horizontal joint. No exposed rebar or wire was observed.



Supplemental Report

Report No.: VT-07-289
Page: 4 of 12

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MSL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>Bennett, Charles T. <i>BT</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>11/27/07</u>

Comments:

- Item #30 (Reference Page 1 – Condition 4, 22): 6" L X 2" W X 1/2" Deep: Honeycomb/cold joint area with wire embedment. (See VT-3C Report VT-07-111). VT-1C determined the presence of exposed aggregate and wire along the horizontal joint. No exposed rebar was observed.
- RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWL Photo\VT-07-289-13.jpg
- Item #31 (Reference Page 1 – Condition 02, 09): Cracking, Staining (rust). (See VT-3C Report VT-07-111). VT-1C determined intermittent cracking along the horizontal joint (continuation of intermittent condition described in Item 12). No exposed rebar or wire was observed.
- Item #32 (Reference Page 1 – Condition 12, 16): Reinforcing bar corrosion; displacement of cosmetic grout patch. (See VT-3C Report VT-07-111). VT-1C determined reinforcing bar corrosion resulting from displacement of 6" cosmetic grout patch over a previously existing spall on the face of Buttress #4.
- Item #33 (Reference Page 1 – Condition 09, 22): Staining (rust). Other – elastomer separation. (See VT-3C Report VT-07-111). VT-1C determined intermittent separation and loss of the elastomer down the center line of Buttress #4. Staining from exposed metal was also observed along the vertical joint.
- Item #34 (Reference Page 1 – Condition 16): 2" L X 1/2" W: Displacement of cosmetic grout patch over previously existing spall. (See VT-3C Report VT-07-111). VT-1C determined metal wastage in this area on the right side of Buttress #4. Staining from exposed metal was also observed.
- Item #35 (Reference Page 1 – Condition 1, 16): 4" L X 6" W X 3/4" Deep: Spall; displacement of cosmetic grout patch over previously existing spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed wire or rebar.
- Item #36 (Reference Page 1 – Condition 1): 8" L X 4" W X 1-1/2" Deep: Spall. (See VT-3C Report VT-07-111). VT-1C determined no exposed wire or rebar.
- Item #37 (Reference Page 1 – Condition 09): Staining. (See VT-3C Report VT-07-111). VT-1C determined that there are numerous minor tendon grease leaks at various tendon cap locations. Additionally, previous tendon grease spills are obvious. No additional degradation to the concrete surface was noted.



Supplemental Report

Report No.: VT-07-289

Page: 5 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPIC*

Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11-22-07

Examiner: LeBlanc, Marc J. *MJL*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: Bennett, Charles T. *BT*

Level: II

ANII Review: Tom Wyatt, ANII *TW*

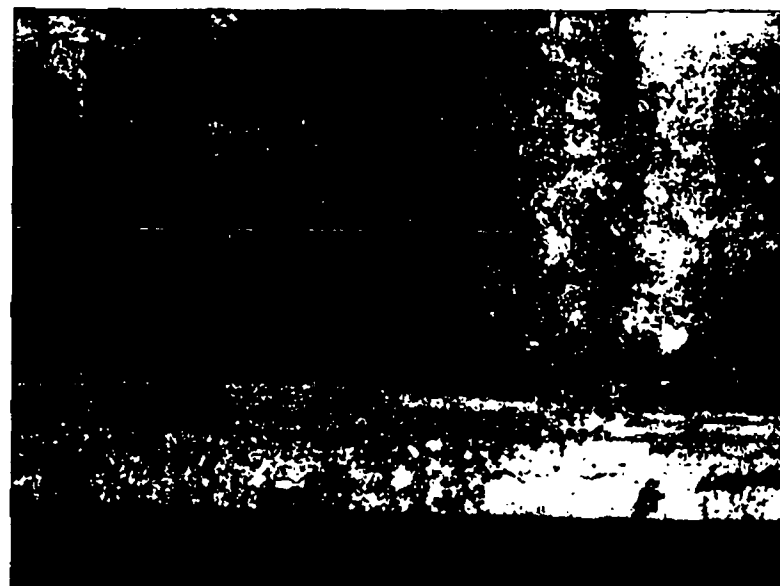
Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM # 4 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-1.jpg



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-2.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-289

Page: 6 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11.22.07

Examiner: LeBlanc, Marc J. *MJC*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: Bennett, Charles T. *CT*

Level: II

ANII Review: Tom Wyatt, ANII *TW*

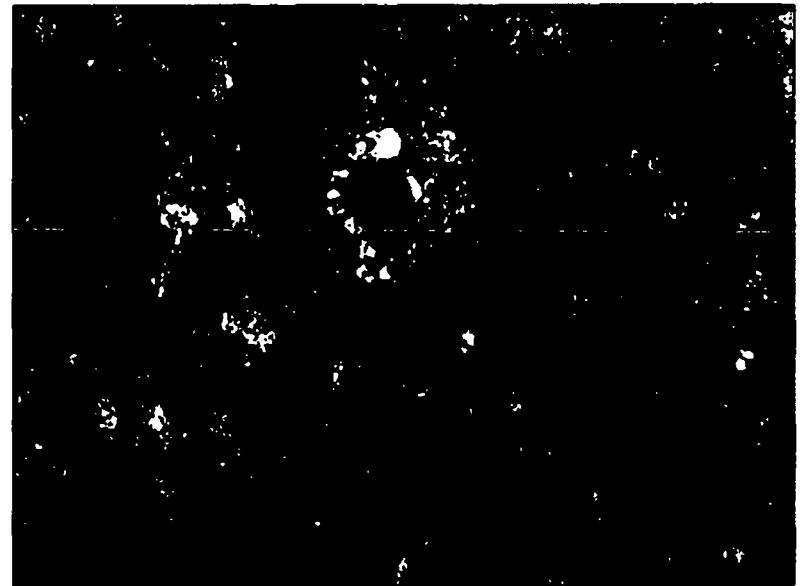
Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 6 (LEFT) AND ITEM # 8 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-3.jpg



L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-4.jpg





Supplemental Report

Report No.: VT-07-289

Page: 7 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPIC*

Level: III

Reviewer: Joe Lesa, PE *Joe*

Date: 11-22-07

Examiner: LeBlanc, Marc J. *MSL*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: Bennett, Charles T. *BT*

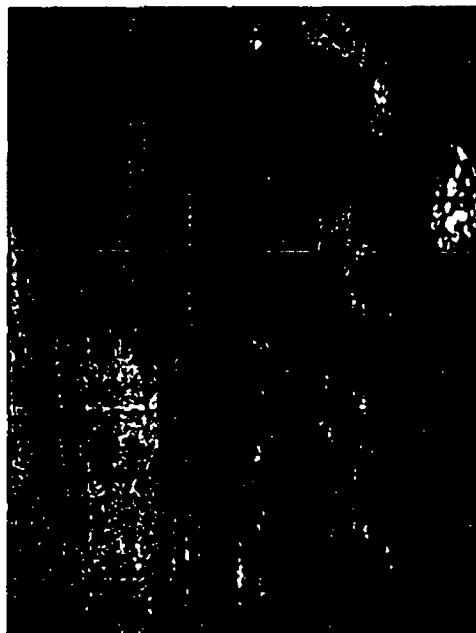
Level: II

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 8 (LEFT) AND ITEM # 9 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-14.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-5.jpg





Supplemental Report

Report No.: VT-07-289

Page: 8 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *JL* Date: 11-22-07

Examiner: LeBlanc, Marc J. *MSL* Level: II

Site Review: Rick Portmann *RP* Date: 11/22/07

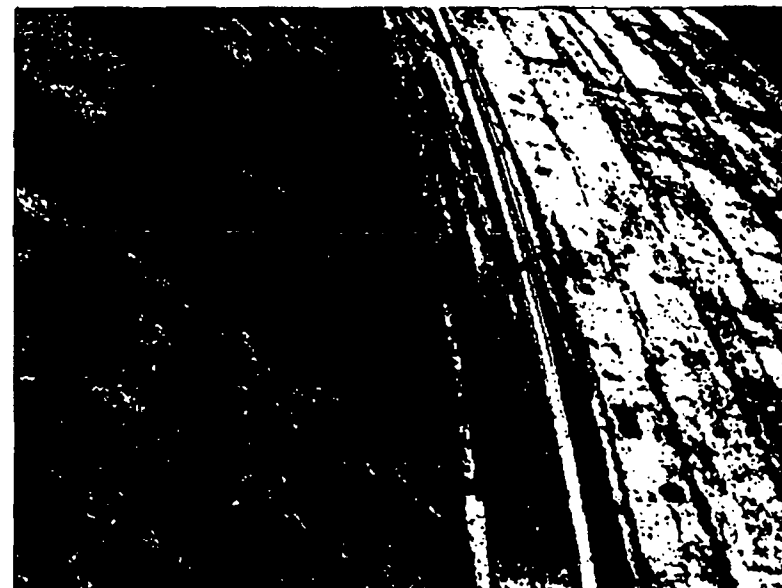
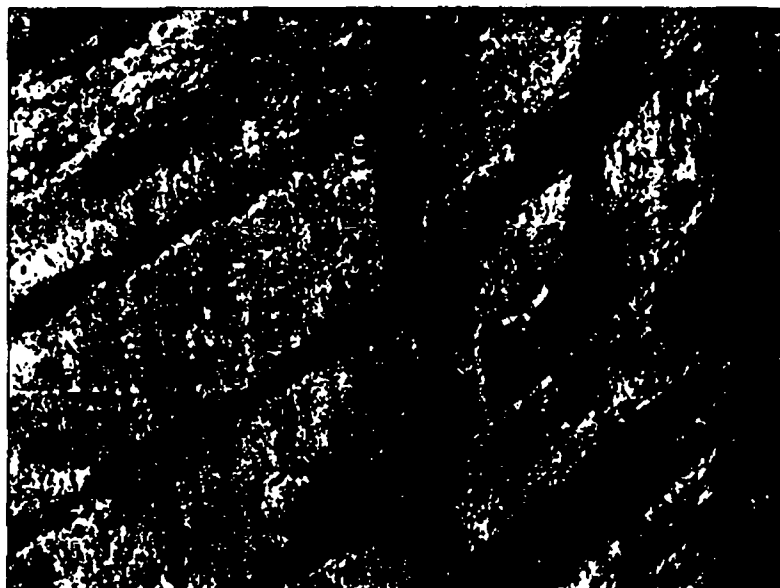
Other: Bennett, Charles T. *CT* Level: II

ANII Review: Tom Wyatt, ANII *TW* Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 11 (LEFT AND RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-6.jpg

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-15.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-289

Page: 9 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE *Joe*

Date: 11/22/07

Examiner: LeBlanc, Marc J. *MSL*

Level: II

Site Review: Rick Portmann *SLP*

Date: 11/22/07

Other: Bennett, Charles T. *CT*

Level: II

ANII Review: Tom Wyatt, ANII *TW*

Date: 11/22/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 12 (LEFT) AND ITEM # 19 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-7.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-8.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-289
Page: 10 of 12

Summary No.: L1.11.0015

Examiner: <u>Komara, Bernard P.</u> <i>BPIC</i>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u> <i>Joe L</i>	Date: <u>11-22-07</u>
Examiner: <u>LeBlanc, Marc J.</u> <i>MSJ</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RCIP</i>	Date: <u>11/22/07</u>
Other: <u>Bennett, Charles T.</u> <i>CT</i>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>11/27/07</u>

Comments: **PHOTOS ASSOCIATED WITH ITEM # 20 (LEFT) AND ITEM # 21 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-9.jpg



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-10.jpg



Supplemental Report

Report No.: VT-07-289

Page: 11 of 12

Summary No.: L1.11.0016

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *JL* Date: 11.22.07

Examiner: LeBlanc, Marc J. *MSL* Level: II

Site Review: Rick Portmann *RP* Date: 11/22/07

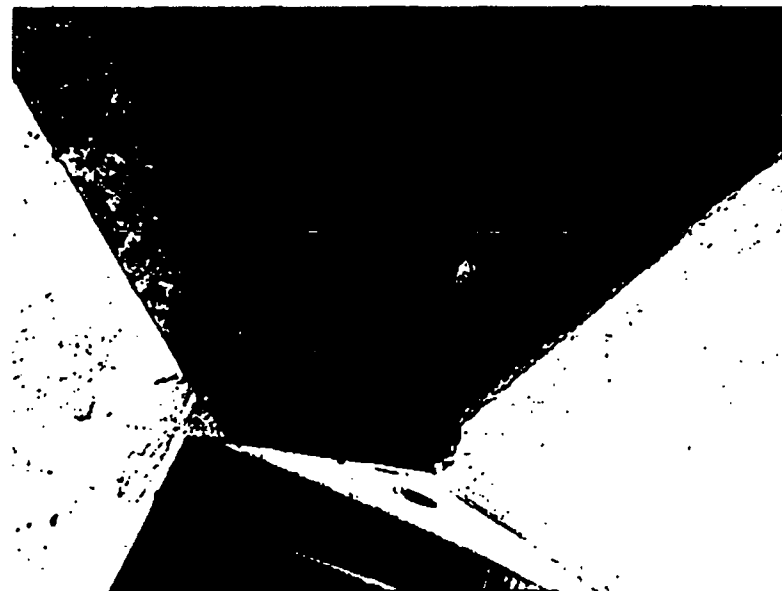
Other: Bennett, Charles T. *BT* Level: II

ANII Review: Tom Wyatt, ANII *TW* Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 22 (LEFT AND RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-11.jpg

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-16.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-289

Page: 12 of 12

Summary No.: L1.11.0015

Examiner: Komara, Bernard P. *BPIC*

Level: III

Reviewer: Joe Lese, PE *Joe L*

Date: 11-22-07

Examiner: LeBlanc, Marc J. *MJL*

Level: II

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: Bennett, Charles T. *BT*

Level: II

ANII Review: Tom Wyatt, ANII *TW*

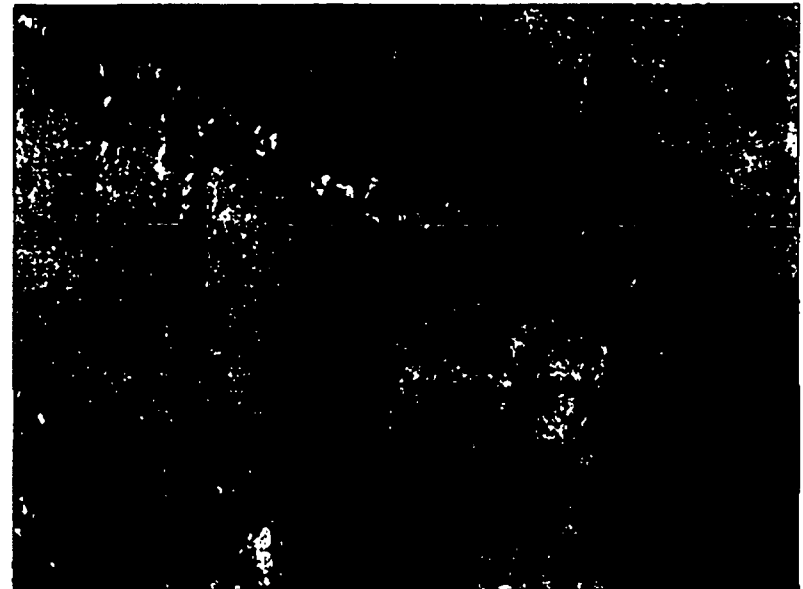
Date: 11/27/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 27 (LEFT) AND ITEM # 30 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-12.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-289-13.jpg



POOR QUALITY COPY



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3

Procedure: NAP-02

Outage No.: RFO15-IWE

Summary No.: L1.11.0016

Procedure Rev.: 2

Report No.: VT-07-112

Workscope: ISI

Work Order No.: 681043

Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat/Item: L-ALL1.11 Location: Buttress 1 to Buttress 2

Drawing No.: S-425-003 Description: Concrete Surface

System ID: Concrete Containment

Component ID: RBCN-0016 (Buttress 1 to Buttress 2)

Limitations: NONE

Resolution: 1/10th of an inch Surface Condition: As Found

Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure

Inspected From: Outside Containment Gallery/Pits Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645

Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Spalling	—	—	—	<input checked="" type="checkbox"/>				
2) Cracking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
3) Delaminations	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
4) Honeycomb	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
5) Water In Leakage	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
6) Chemical Leaching	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
7) Popouts	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
8) Deflection	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
9) Staining	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
10) Discoloration	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
11) Vibration Damage	<input checked="" type="checkbox"/>	—	—	—	—	—	—	<input checked="" type="checkbox"/>
12) Reinforcing Bar Corrosion					<input checked="" type="checkbox"/>	—	—	—
13) Rust Bleeding					<input checked="" type="checkbox"/>	—	—	—
14) Tendon Surface Cracking					<input checked="" type="checkbox"/>	—	—	—
15) Efflorescence					<input checked="" type="checkbox"/>	—	—	—
16) Cosmetic Patch Bond					<input checked="" type="checkbox"/>	—	—	—
17) Voids					<input checked="" type="checkbox"/>	—	—	—
18) Erosion					<input checked="" type="checkbox"/>	—	—	—
19) Pitting					<input checked="" type="checkbox"/>	—	—	—
20) Abrasion					<input checked="" type="checkbox"/>	—	—	—
21) Segregation					<input checked="" type="checkbox"/>	—	—	—
22) Other					—	—	—	<input checked="" type="checkbox"/>

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED

Results: Accept Reject Eval

NCR 256010

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/7/2007	Joe Lese, PE	<i>[Signature]</i>	11/14/07
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/7/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/22/07



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0017 Procedure Rev.: 2 Report No.: VT-07-113
 Workscope: ISI Work Order No.: 681043 Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: Buttress 2 to Buttress 3
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 2 to Buttress 3)
 Limitations: NONE

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <u> </u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	12) Reinforcing Bar Corrosion	<u>X</u>	<u> </u>	<u> </u>
2) Cracking	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	13) Rust Bleeding	<u>X</u>	<u> </u>	<u> </u>
3) Delaminations	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	14) Tendon Surface Cracking	<u>X</u>	<u> </u>	<u> </u>
4) Honeycomb	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	15) Efflorescence	<u>X</u>	<u> </u>	<u> </u>
5) Water In Leakage	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	16) Cosmetic Patch Bond	<u>X</u>	<u> </u>	<u> </u>
6) Chemical Leaching	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	17) Voids	<u>X</u>	<u> </u>	<u> </u>
7) Popouts	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	18) Erosion	<u>X</u>	<u> </u>	<u> </u>
8) Deflection	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	19) Pitting	<u>X</u>	<u> </u>	<u> </u>
9) Staining	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	20) Abrasion	<u>X</u>	<u> </u>	<u> </u>
10) Discoloration	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	21) Segregation	<u>X</u>	<u> </u>	<u> </u>
11) Vibration Damage	<u>X</u>	<u> </u>	<u> </u>	<u> </u>	22) Other	<u> </u>	<u> </u>	<u>X</u>

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Bennett, Charles T.	II	<i>[Signature]</i>	11/7/2007	Joe Lese, PE	<i>[Signature]</i>	11-14-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.	II	<i>[Signature]</i>	11/7/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0018 Procedure Rev.: 2 Report No.: VT-07-114
 Workscope: ISI Work Order No.: 681043 Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-A/L1.11 Location: Buttress 3 to Buttress 4
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 3 to Buttress 4)
 Limitations: NONE

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (T1-3375) Illumination: >200fc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <u>—</u>				Non-Coated Areas <u>X</u>				
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments	
1) Spalling	—	—	—	X	12) Reinforcing Bar Corrosion	X	—	—	—
2) Cracking	X	—	—	—	13) Rust Bleeding	X	—	—	—
3) Delaminations	X	—	—	—	14) Tendon Surface Cracking	X	—	—	—
4) Honeycomb	X	—	—	—	15) Efflorescence	—	—	—	X
5) Water In Leakage	X	—	—	—	16) Cosmetic Patch Bond	X	—	—	—
6) Chemical Leaching	X	—	—	—	17) Voids	X	—	—	—
7) Popouts	X	—	—	—	18) Erosion	X	—	—	—
8) Deflection	X	—	—	—	19) Pitting	X	—	—	—
9) Staining	X	—	—	—	20) Abrasion	X	—	—	—
10) Discoloration	X	—	—	—	21) Segregation	X	—	—	—
11) Vibration Damage	X	—	—	—	22) Other	—	—	—	X

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Bennett, Charles T.	II		11/7/2007	Joe Lese, PE		11-14-07
Jonnier, Jason B.	II		11/7/2007	Rick Portmann		11/22/07
Other	N/A			ANII Review		11/27/07
N/A				Tom Wyatt, ANII		



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0019 Procedure Rev.: 2 Report No.: VT-07-115
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: Buttress 4 to Buttress 5
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 4 to Buttress 5)
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc.
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas				Non-Coated Areas			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	—	—	—	X	12) Reinforcing Bar Corrosion	X	—	—
2) Cracking	—	—	—	X	13) Rust Bleeding	X	—	—
3) Delaminations	X	—	—	—	14) Tendon Surface Cracking	X	—	—
4) Honeycomb	X	—	—	—	15) Efflorescence	—	—	X
5) Water In Leakage	X	—	—	—	16) Cosmetic Patch Bond	X	—	—
6) Chemical Leaching	X	—	—	—	17) Voids	X	—	—
7) Popouts	—	X	—	—	18) Erosion	X	—	—
8) Deflection	X	—	—	—	19) Pitting	X	—	—
9) Staining	—	—	—	X	20) Abrasion	X	—	—
10) Discoloration	X	—	—	—	21) Segregation	X	—	—
11) Vibration Damage	X	—	—	—	22) Other	—	—	X

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes NCR 256010

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	11/7/2007	Joe Lese, PE	<i>[Signature]</i>	11/14/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.		<i>[Signature]</i>	11/7/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/27/07



Supplemental Report

Report No.: VT-07-115

Page: 2 of 2

Summary No.: L1.11.0019

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11.14.07</u>
Examiner: <u>Duplechain, Lenus F. <i>L.F.</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11.22.07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Wyatt, Thomas W. <i>WY</i></u>	Date: <u>11</u>

Comments:

ITEM # 1 (REFERENCE PAGE 1 CONDITION 7) - 1 3/4" L X 2 1/2" W X 7/8" D. SEE VT-1C REPORT VT-07-165



Visual Examination of IWL (VT-1C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0019 Procedure Rev.: 2 Report No.: VT-07-165
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: Buttress 4 to Buttress 5
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 4 to Buttress 5)
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 0.044" Character Card Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <u>---</u>				See Comments	Non-Coated Areas <u>X</u>				
	Accept	Reject	N/A	See		Accept	Reject	N/A	See	
1) Spalling	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		12) Reinforcing Bar Corrosion	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
2) Cracking	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		13) Rust Bleeding	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
3) Delaminations	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		14) Tendon Surface Cracking	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
4) Honeycomb	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		15) Efflorescence	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
5) Water In Leakage	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		16) Cosmetic Patch Bond	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
6) Chemical Leaching	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		17) Voids	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
7) Popouts	<u>---</u>	<u>---</u>	<u>---</u>	<u>X</u>		18) Erosion	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
8) Deflection	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		19) Pitting	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
9) Staining	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		20) Abrasion	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
10) Discoloration	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		21) Segregation	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>
11) Vibration Damage	<u>X</u>	<u>---</u>	<u>---</u>	<u>---</u>		22) Other	<u>---</u>	<u>---</u>	<u>X</u>	<u>---</u>

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

NCR 256010

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II		11/7/2007	Joe Lese, PE		11/14/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Duplechain, Lenus F.	II		11/7/2007	Rick Portmann		11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII		11/27/07



Supplemental Report

Report No.: VT-07-165

Page: 2 of 2

Summary No.: L1.11.0019

Examiner: LeBlanc, Marc J. *MJL* Level: II

Reviewer: Joe Lese, PE *JL*

Date: 11.22.07

Examiner: Duplechain, Lenus F. *LD* Level: II

Site Review: Rick Portmann *RKP*

Date: 11/22/07

Other: N/A Level: N/A

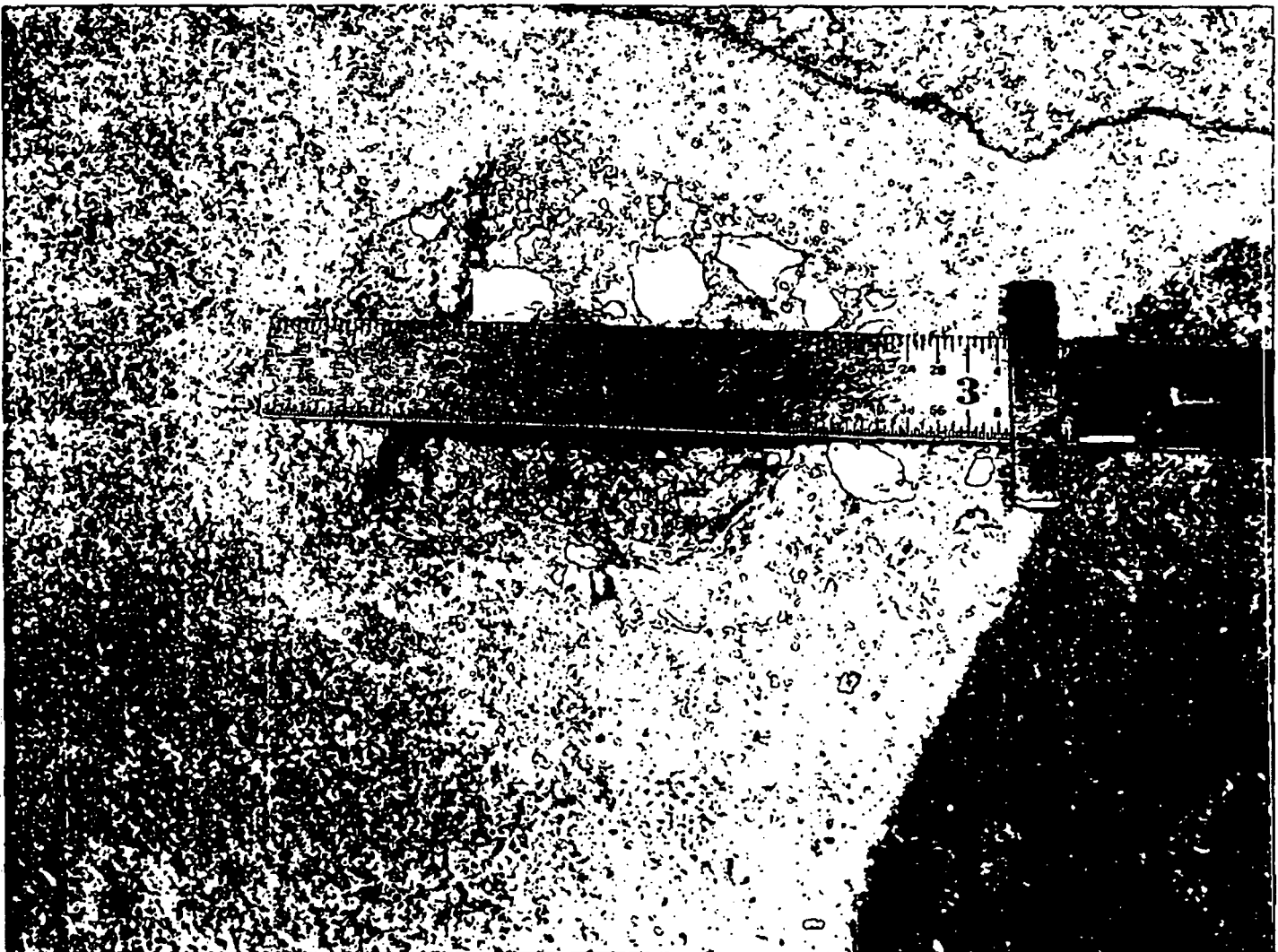
ANII Review: Tom Wyatt, ANII *TW*

Date: 11/27/07

Comments: ITEM # 1 (REFERENCE PAGE 1 CONDITION 7) - 1 3/4" L X 2 1/2" W X 7/8" D. SEE VT-1C REPORT VT-07-165

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWL Photos\VT-07-165.jpg

POOR QUALITY COPY





Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0020 Procedure Rev.: 2 Report No.: VT-07-116
 Workscope: ISI Work Order No.: 681043 Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: Buttress 5 to Buttress 6
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 5 to Buttress 6)
 Limitations: NONE

Resolution: 1/10th of an Inch Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

	Coated Areas <u>---</u>				Non-Coated Areas <u>X</u>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Spalling	---	---	---	<u>X</u>	<u>X</u>	---	---	---
2) Cracking	<u>X</u>	---	---	---	<u>X</u>	---	---	---
3) Delaminations	<u>X</u>	---	---	---	<u>X</u>	---	---	---
4) Honeycomb	<u>X</u>	---	---	---	<u>X</u>	---	---	---
5) Water In Leakage	<u>X</u>	---	---	---	<u>X</u>	---	---	---
6) Chemical Leaching	<u>X</u>	---	---	---	<u>X</u>	---	---	---
7) Popouts	<u>X</u>	---	---	---	<u>X</u>	---	---	---
8) Deflection	<u>X</u>	---	---	---	<u>X</u>	---	---	---
9) Staining	<u>X</u>	---	---	---	<u>X</u>	---	---	---
10) Discoloration	<u>X</u>	---	---	---	<u>X</u>	---	---	---
11) Vibration Damage	<u>X</u>	---	---	---	---	---	---	<u>X</u>
12) Reinforcing Bar Corrosion	---	---	---	---	<u>X</u>	---	---	---
13) Rust Bleeding	---	---	---	---	<u>X</u>	---	---	---
14) Tendon Surface Cracking	---	---	---	---	<u>X</u>	---	---	---
15) Efflorescence	---	---	---	---	<u>X</u>	---	---	---
16) Cosmetic Patch Bond	---	---	---	---	<u>X</u>	---	---	---
17) Voids	---	---	---	---	<u>X</u>	---	---	---
18) Erosion	---	---	---	---	<u>X</u>	---	---	---
19) Pitting	---	---	---	---	<u>X</u>	---	---	---
20) Abrasion	---	---	---	---	<u>X</u>	---	---	---
21) Segregation	---	---	---	---	<u>X</u>	---	---	---
22) Other	---	---	---	---	---	---	---	<u>X</u>

Comments: **RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED**

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/7/2007	Joe Lese, PE	<i>[Signature]</i>	11-14-07
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/7/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	11/22/07



Visual Examination of IWL (VT-3C)

Site/Unit: CR3 / 3 Procedure: NAP-02 Outage No.: RFO15-IWE
 Summary No.: L1.11.0021 Procedure Rev.: 2 Report No.: VT-07-117
 Workscope: ISI Work Order No.: 681043 Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: L-AL1.11 Location: Buttress 6 to Buttress 1
 Drawing No.: S-425-003 Description: Concrete Surface
 System ID: Concrete Containment
 Component ID: RBCN-0016 (Buttress 6 to Buttress 1)
 Limitations: NONE

Resolution: 1/10th of an inch Surface Condition: As Found
 Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure
 Inspected From: Outside Containment Gallery/Pits Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 0915 / 1205 / 1330 Cal Out 1645
 Visual Examination: Direct

Vent System Or Containment Surfaces

Coated Areas				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>				See Comments
	Accept	Reject	N/A			Accept	Reject	N/A	
1) Spalling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		12) Reinforcing Bar Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2) Cracking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13) Rust Bleeding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3) Delaminations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14) Tendon Surface Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4) Honeycomb	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		15) Efflorescence	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5) Water In Leakage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		16) Cosmetic Patch Bond	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6) Chemical Leaching	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		17) Voids	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7) Popouts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	18) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8) Deflection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		19) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9) Staining	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		20) Abrasion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		21) Segregation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11) Vibration Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		22) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

RECORDING CRITERIA PER APPLICABLE PROCEDURE AND MEMO FROM P.E. DATED 9/4/01. PREVIOUS DATA VERIFIED AND NO CHANGES NOTED

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/7/2007	Joe Lese, PE	<i>[Signature]</i>	11-14-07
Duplechain, Lenus F.	II	<i>[Signature]</i>	11/7/2007	Rick Portmann	<i>[Signature]</i>	11/27/07
Other	N/A			ANII Review	<i>[Signature]</i>	11/27/07
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	

R15 IWE Examinations

Component ID	VT-3 Report No	VT-1 Report No	Summary No
Moisture Barrier	VT-07-136	VT-07-148	E5.30.0001
PEN-119	VT-07-141		E8.10.0005
PEN-120	VT-07-142		E8.10.0006
PEN-216	VT-07-137		E8.10.0001
PEN-217	VT-07-138		E8.10.0002
PEN-222	VT-07-139	VT-07-311	E8.10.0003
PEN-348	VT-07-140		E8.10.0004
PEN-436	VT-07-143		E8.10.0007
RBLP-1001	VT-07-088		E1.12.0182
RBLP-1002	VT-07-065	VT-07-166	E1.12.0156
RBLP-1003	VT-07-066	VT-07-306	E1.12.0157
RBLP-1004	VT-07-067		E1.12.0158
RBLP-1005	VT-07-068		E1.12.0159
RBLP-1006	VT-07-069		E1.12.0160
RBLP-2001	VT-07-070		E1.12.0161
RBLP-2002	VT-07-071	VT-07-210	E1.12.0162
RBLP-2003	VT-07-072	VT-07-307	E1.12.0163
RBLP-2004	VT-07-073	VT-07-308	E1.12.0164
RBLP-2005	VT-07-074		E1.12.0165
RBLP-2006	VT-07-075		E1.12.0166
RBLP-3001	VT-07-076		E1.12.0167
RBLP-3002	VT-07-077	VT-07-202	E1.12.0168
RBLP-3003	VT-07-078	VT-07-309	E1.12.0169
RBLP-3004	VT-07-079		E1.12.0170
RBLP-3005	VT-07-080		E1.12.0171
RBLP-3006	VT-07-081		E1.12.0172
RBLP-4001	VT-07-082		E1.12.0173
RBLP-4002	VT-07-083	VT-07-211	E1.12.0174
RBLP-4003	VT-07-084	VT-07-310	E1.12.0175
RBLP-4004	VT-07-085		E1.12.0176
RBLP-4005	VT-07-086		E1.12.0177
RBLP-4006	VT-07-087		E1.12.0178



Visual Examination of IWE Interfaces (VT-3)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E5.30.0001 Procedure Rev.: 2 Report No.: VT-07-136
 Workscope: ISI Work Order No.: _____ Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-D/E5.30 Location: REACTOR BUILDING

Drawing No.: S-525-001 Description: AZ 0° - 360° (95 RB)

System ID: RB

Component ID: Moisture Barrier

Limitations: NONE

Resolution: 1/32" Line Surface Condition: DRY RAG WIPED

Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc

Light Verification Times: Cal In 0745 / 1030 / 1200 Cal Out 1545

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	X	—	—			X	—
2) Damage	—	X	—	—			X	—
3) Tear	—	X	—	—			X	—
4) Erosion	X	—	—	—			X	—
5) Surface Cracks	—	X	—	—			X	—
6) Adhesion	—	X	—	—			X	—
7) Other	—	—	X	—			X	—
8) Loose							X	—
9) Damage							X	—
10) Cracking							X	—
11) Wear							X	—
12) Excessive Corrosion							X	—
13) Other							X	—

Comments:

See VT-1 report VT-07-148 for details of examination. Additional referencing procedure NAP-02, Rev. 2 was utilized. Examined all accessible areas.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

AJCR # 256012

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/4/2007	Joe Lese, PE	<i>Joe Lese</i>	11/16/07
N/A	N/A			Site Review Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other N/A	N/A			ANII Review Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-136

Page: 2 of 2

Summary No.: E5.30.0001

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11-15-07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Item #1 (Reference Page 1 – Conditions 01, 02, 03, 05, 06): Wear, damage, tear, surface crack, adhesion areas. (See VT-1 Report VT-07-148)



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E5.30.0001 Procedure Rev.: 2 Report No.: VT-07-148
 Workscope: ISI Work Order No.: _____ Page: 1 of 6

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-D/E5.30 Location: REACTOR BUILDING

Drawing No.: S-525-001 Description: AZ 0° - 360° (95 RB)

System ID: RB

Component ID: Moisture Barrier

Limitations: NONE

Resolution: 1/32" Line Surface Condition: DRY RAG WIPED

Visual Equipment/Aids: 6" Scale, Flashlight, Tape Measure

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc

Light Verification Times: Cal In 0745 / 1030 / 1200 Cal Out 1545

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	—	—	<u>X</u>	8) Loose	—	—	<u>X</u>
2) Damage	—	—	—	<u>X</u>	9) Damage	—	—	<u>X</u>
3) Tear	—	—	—	<u>X</u>	10) Cracking	—	—	<u>X</u>
4) Erosion	—	—	<u>X</u>	—	11) Wear	—	—	<u>X</u>
5) Surface Cracks	—	—	—	<u>X</u>	12) Excessive Corrosion	—	—	<u>X</u>
6) Adhesion	—	—	—	<u>X</u>	13) Other	—	—	<u>X</u>
7) Other	—	—	<u>X</u>	—				

Comments:

SEE SUPPLEMENTAL REPORT FOR COMMENTS. EXAMINED ALL ACCESSIBLE AREAS.

Results: Accept Reject Eval

NCR # 256012

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/4/2007	Joe Lese, PE	<i>Joe Lese</i>	11-5-07
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-148

Page: 2 of 6

Summary No.: E5.30.0001

Examiner: <u>Komara, Bernard P. <i>BPIL</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11.15.07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00335.JPG

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00336.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-148
Page: 3 of 6

Summary No.: E5.30.0001

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11.15.07

Examiner: N/A

Level: N/A

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

Level: N/A

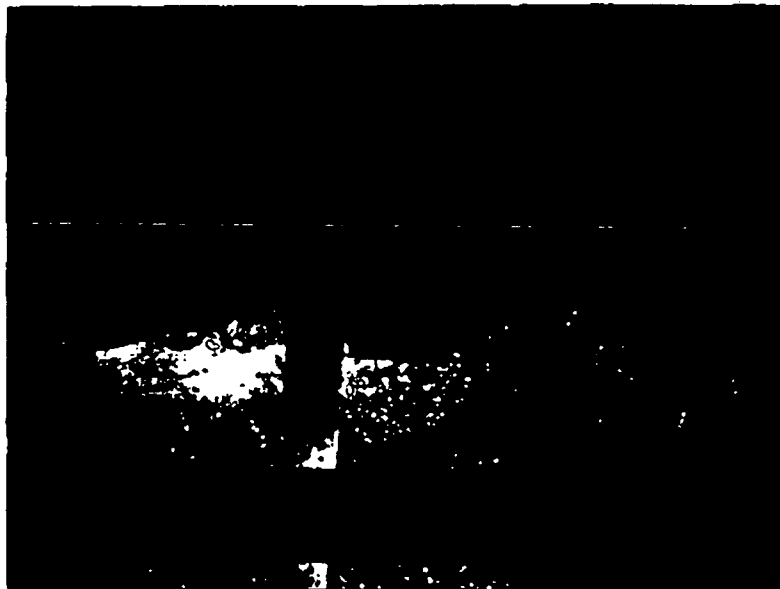
ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments:

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00337.JPG

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00338.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-148

Page: 4 of 6

Summary No.: E5.30.0001

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE *Joe*

Date: 11.15.07

Examiner: N/A

Level: N/A

Site Review: Rick Portmann *RIP*

Date: 11/22/07

Other: N/A

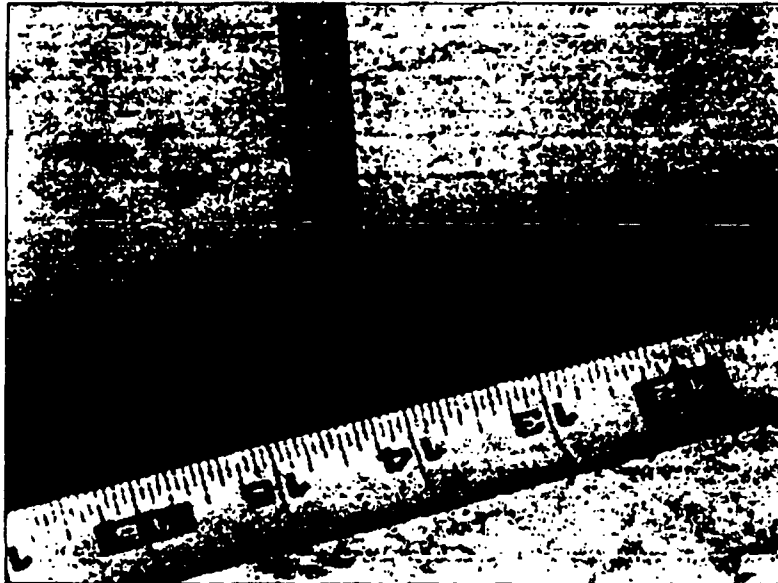
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 12/11/07

Comments:

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00339.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00340.JPG



POOR QUALITY COPY



Supplemental Report

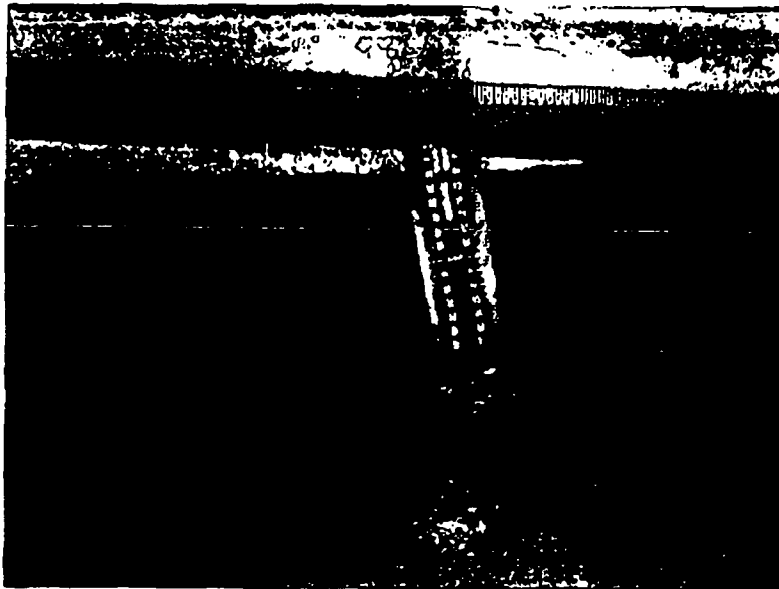
Report No.: VT-07-148
Page: 5 of 6

Summary No.: E5.30.0001

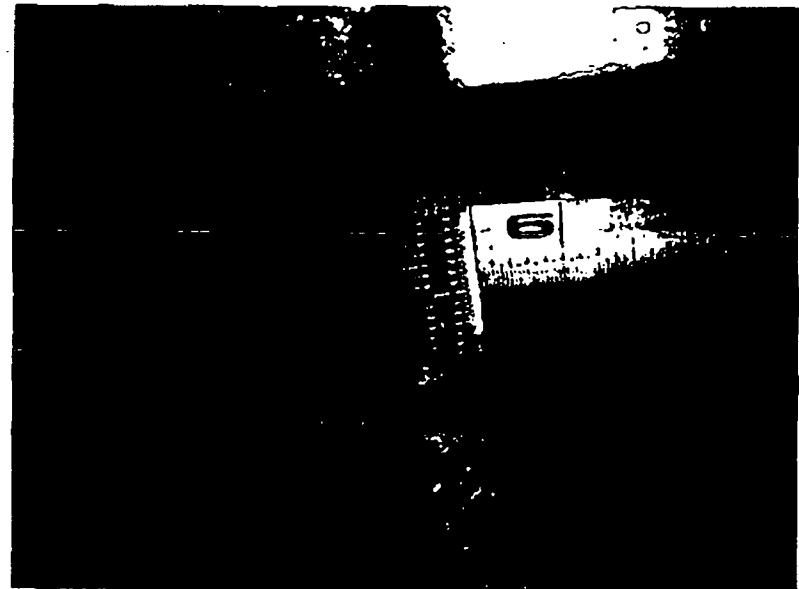
Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>Joe</i></u>	Date: <u>11-15-07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00341.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00342.JPG



FOR QUALITY CONTROL



Supplemental Report

Report No.: VT-07-148
Page: 6 of 6

Summary No.: E5.30.0001

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11/15/07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann</u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>12/1/07</u>

Comments:

Item #1 (Reference Page 1 – Conditions 01, 02, 03, 05, 06): Elevation 95'. Wear, damage, tear, surface crack, adhesion areas. (See VT-3 Report 07-136).

- Approximate Azimuth 210 – 215 Degrees: 36" L X 1/16" W X 3-1/4" maximum depth. Separation of moisture barrier from concrete.
- Approximate Azimuth 208 Degrees: 1-1/2" L X 1/2" W X < 1" maximum depth. Separation of moisture barrier from concrete.
- Approximate Azimuth 207 – 195 Degrees: 24" L X 1/16" W X < 1" maximum depth. Intermittent areas of separation of moisture barrier from concrete.
- Approximate Azimuth 205 Degrees: 12" L X 1/4" W X 9-1/2" maximum depth. Separation of moisture barrier from concrete.
- Approximate Azimuth 180 – 170 Degrees: <2" L X 1/16" W X 2-1/2" maximum depth. Intermittent areas of separation of moisture barrier from liner. Rust present, no wastage corrosion noted.
- Approximate Azimuth 160 – 150 Degrees: 2-3" L X 1/16" W X 2" maximum depth. Intermittent areas of separation of moisture barrier from concrete.
- Approximate Azimuth 150 – 110 Degrees: 2-3" L X 1/16" W X <1/2" maximum depth. Intermittent areas of separation of moisture barrier from liner. Rust present, no wastage corrosion noted.
- Approximate Azimuth 110 – 20 Degrees: 1-2" L X 1/16" W X <1/2" maximum depth. Intermittent areas of separation of moisture barrier from liner. Rust present, no wastage corrosion noted.
- Approximate Azimuth 0 – 340 Degrees: <2" L X <1/16" W X <1/2" maximum depth. Intermittent areas of separation of moisture barrier from concrete and liner. Rust present, no wastage corrosion noted.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\DSC00335 - 00342.jpg.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E8.10.0005

Procedure Rev.: 2

Report No.: VT-07-141

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Containment

Drawing No.: S-525-002 Description: 20", Type VII, Chemical Cleaning

System ID: Containment

Component ID: PEN-119

Limitations: EXAMINED IN PLACE UNDER TENSION (SEE COMMENTS)

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: 6" Scale, Flashlight

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissasembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—	8) Loose	—	—	<u>X</u>
2) Damage	—	—	<u>X</u>	—	9) Damage	<u>X</u>	—	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	<u>X</u>	—	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	<u>X</u>	—	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	<u>X</u>	—	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	<u>X</u>	—
7) Other	—	—	<u>X</u>	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE NAP-02, REV. 02. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>J. Lese</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>R. Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-141

Page: 2 of 2

Summary No.: E8.10.0005

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/4/07</u>

Comments:

TEMPORARY FLANGE INSTALLED FOR OUTAGE WITH PERMANENT STUDS/NUTS IN EVERY OTHER BOLT HOLE. THESE STUDS/NUTS EXAMINED IN PLACE UNDER TENSION. BALANCE OF STUDS/NUTS AND PERMANENT FLANGE ON SCAFFOLD AND EXAMINED DISASSEMBLED.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: EB.10.0006

Procedure Rev.: 2

Report No.: VT-07-142

Workscope: ISI

Work Order No.: 681043

Page: 1 of 1

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Containment

Drawing No.: S-525-002 Description: 20", Type VII, Chemical Cleaning

System ID: Containment

Component ID: PEN-120

Limitations: EXAMINED IN PLACE UNDER TENSION

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: 6" Scale, Flashlight

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—	8) Loose	<u>X</u>	—	—
2) Damage	—	—	<u>X</u>	—	9) Damage	<u>X</u>	—	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	<u>X</u>	—	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	<u>X</u>	—	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	<u>X</u>	—	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	—	<u>X</u>
7) Other	—	—	<u>X</u>	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE NAP-02, REV. 02. EXAMINED IN PLACE UNDER TENSION. BOLTED CONNECTION NOT DIS-ASSEMBLED THIS OUTAGE (RO-15)

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>J. Lese</i>	11-22-07
N/A	N/A			Site Review	<i>R. Portmann</i>	11/22/07
Other	N/A			ANII Review	<i>Tom Wyatt</i>	12/11/07



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E8.10.0001 Procedure Rev.: 2 Report No.: VT-07-137
 Workscope: ISI Work Order No.: _____ Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: _____ Containment

Drawing No.: S-525-003 Description: 12", Type VII, Electrical Spare

System ID: Containment

Component ID: PEN-216

Limitations: ONE (1) BOLTING ASSEMBLY EXAMINED IN PLACE, UNDER TENSION (SEE COMMENTS)

Resolution: 1/32" Line Surface Condition: CLEANED

Visual Equipment/Aids: 6" Scale, Flashlight

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc

Light Verification Times: Cal In 1230 / 1330 / N/A Cal Out 1400

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—	8) Loose	—	—	<u>X</u>
2) Damage	—	—	<u>X</u>	—	9) Damage	<u>X</u>	—	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	<u>X</u>	—	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	<u>X</u>	—	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	<u>X</u>	—	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	<u>X</u>	—
7) Other	—	—	<u>X</u>	—				

Comments: **ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.**

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>J. A. Lese</i>	11/25/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. J. Blanc</i>	11/23/2007	Rick Portmann	<i>R. Portmann</i>	11/26/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Duplechain, Lenus F.		<i>L. F. Duplechain</i>	11/23/2007	Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-137

Page: 2 of 2

Summary No.: E8.10.0001

Examiner: Komara, Bernard P. *BPIC* Level: III

Reviewer: Joe Lese, PE *JL* Date: 11-25-07

Examiner: LeBlanc, Marc J. *MJL* Level: II

Site Review: Rick Portmann *RIP* Date: 11/26/07

Other: Duplechain, Lenus F. *LF* Level: II

ANII Review: Tom Wyatt, ANII Date: _____

Comments:

Permanent flange bolting disassembled and removed except for one (1) assembly at the 6 o'clock position which was left in place to hold the "rolled-out" flange. Permanent flange and one (1) bolting assembly examined in place on 11/11/07. Balance of bolting examined disassembled on 11/23/07.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E8.10.0002 Procedure Rev.: 2 Report No.: VT-07-138
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Containment

Drawing No.: S-525-003 Description: 12", Type VII, Electrical Spare

System ID: Containment

Component ID: PEN-217

Limitations: ONE (1) BOLTING ASSEMBLY EXAMINED IN PLACE, UNDER TENSION (SEE COMMENTS)

Resolution: 1/32" Line Surface Condition: CLEANED

Visual Equipment/Aids: 6" Scale, Flashlight

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc

Light Verification Times: Cal In 1230 / 1330 / N/A Cal Out 1400

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—	8) Loose	—	—	—	<u>X</u>
2) Damage	—	—	<u>X</u>	—	9) Damage	<u>X</u>	—	—	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	<u>X</u>	—	—	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	<u>X</u>	—	—	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	<u>X</u>	—	—	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	—	<u>X</u>	—
7) Other	—	—	<u>X</u>	—					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/27/2007	Joe Lese, PE	<i>Joe Lese</i>	11/27/2007
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>Marc Blanc</i>	11/27/2007	Rick Portmann	<i>Rick Portmann</i>	11/27/2007
Other	Level II	Signature	Date	ANII Review	Signature	Date
Sonnier, Jason B.		<i>Jason Sonnier</i>	11/27/2007	Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-138

Page: 2 of 2

Summary No.: E8.10.0002

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-25-07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/26/07</u>
Other: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Permanent flange bolting disassembled and removed except for one (1) assembly at the 6 o'clock position which was left in place to hold the "rolled-out" flange. Permanent flange and one (1) bolting assembly examined in place on 11/11/07. Balance of bolting examined disassembled on 11/23/07.



Visual Examination of IWE Interfaces (VT-3)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E8.10.0003 Procedure Rev.: 2 Report No.: VT-07-139
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Equipment Access Hatch
 Drawing No.: S-525-003 Description: Equipment Access Hatch
 System ID: Containment
 Component ID: PEN-222
 Limitations: EXAMINED ALL ACCESSIBLE AREAS - EXCEPT BOLTING

Resolution: 1/32" Line Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.
 Inspected From: Inside Containment Outside Containment Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc
 Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630
 Visual Examination: Direct/Remote

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
2) Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
3) Tear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
4) Erosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
5) Surface Cracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
6) Adhesion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
7) Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	
8) Loose							<input checked="" type="checkbox"/>	
9) Damage							<input checked="" type="checkbox"/>	
10) Cracking							<input checked="" type="checkbox"/>	
11) Wear							<input checked="" type="checkbox"/>	
12) Excessive Corrosion							<input checked="" type="checkbox"/>	
13) Other							<input checked="" type="checkbox"/>	

Comments:

EXAMINED ALL AREAS EXCEPT BOLTING. SEE SUPPLEMENTAL REPORT.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

NCR # 257242

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/21/2007	Joe Lese, PE	<i>[Signature]</i>	11-22-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Bennett, Charles T.	II	<i>[Signature]</i>	11/21/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-139
Page: 2 of 2

Summary No.: E8.10.0003

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

- Item #1 (Reference Page 1 - Condition 02): SCRAPES AND A DENT (See VT-1 Report VT-07-311)
- Item #2 (Reference Page 1 - Condition 7): WELD REMANENTS. (See VT-1 Report VT-07-311).
- Item #3 (Reference Page 1 - Condition 7): DISCOLORATION. (See VT-1 Report VT-07-311).

Inaccessible Areas:

- LOWER PORTION OF EQUIPMENT HATCH WAS NOT ACCESSIBLE DUE TO FLOOR PLATES.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E8.10.0003

Procedure Rev.: 2

Report No.: VT-07-311

Workscope: ISI

Work Order No.: 681043

Page: 1 of 4

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Equipment Access Hatch

Drawing No.: S-525-003 Description: Equipment Access Hatch

System ID: Containment

Component ID: PEN-222

Limitations: EXAMINED ALL ACCESSIBLE AREAS - EXCEPT BOLTING

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers			See Comments	Bolting & Bolted Connections			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Wear	—	—	<u>X</u>	—	8) Loose	—	—	<u>X</u>	—
2) Damage	—	—	—	<u>X</u>	9) Damage	—	—	<u>X</u>	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	—	—	<u>X</u>	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	—	—	<u>X</u>	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	—	—	<u>X</u>	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	—	<u>X</u>	—
7) Other	—	—	<u>X</u>	—					

Comments:

SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/21/2007	Joe Lese, PE	<i>[Signature]</i>	11-22-07
Bennett, Charles T.	II	<i>[Signature]</i>	11/21/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-311

Page: 2 of 4

Summary No.: E8.10.0003

Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 02): Damage – Scrapes and dent. (See VT-3 Report VT-07-139). VT-1 determined that the top portion of the inner sleeve incurred scrapes and a dent probably due to mechanical impact. Light rust but no wastage corrosion has occurred in the areas identified. The dent is 1/32" deep with no wastage corrosion noted.

Item #2 (Reference Page 1 – Condition 07): Other – Weld beads. (two (2) locations). (See VT-3 Report VT-07-139). VT-1 determined that the weld beads are approximately 3" L X 1/4" W and were possibly temporary attachment welds which were not removed. No cracking or degradation has occurred in the base metal adjacent to the areas identified.

Item #3 (Reference Page 1 – Condition 07): Other – Discoloration. (See VT-3 Report VT-07-139). VT-1 determined that the discoloration on the lower area of the equipment hatch is due to previous spillage. No degradation to the coating or base metal was noted.

Inaccessible Areas:

•Lower portion of equipment hat not accessible due to floor plates.



Supplemental Report

Report No.: VT-07-311
Page: 3 of 4

Summary No.: **E8.10.0003**

Examiner: LeBlanc, Marc J. *MJL*

Level: II

Reviewer: Joe Lese, PE

Date: _____

Examiner: Bennett, Charles T. *CT*

Level: II

Site Review: Rick Portmann *RJP*

Date: 11/22/07

Other: N/A

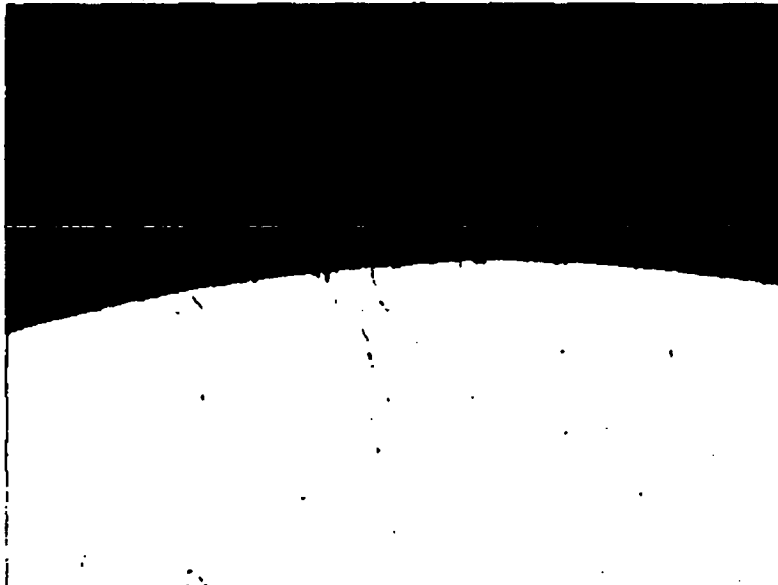
Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

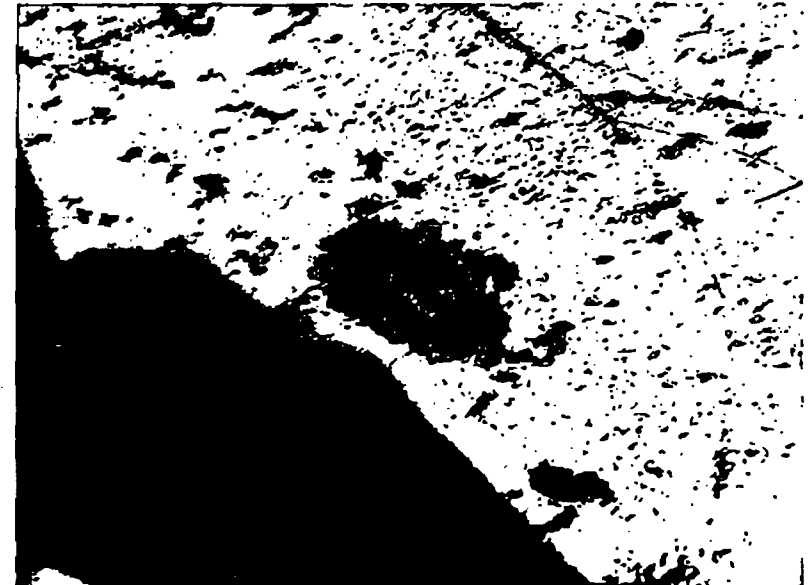
Date: 12/1/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM #2 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-311-1.JPG



L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-311-2.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-311
Page: 4 of 4

Summary No.: E8.10.0003

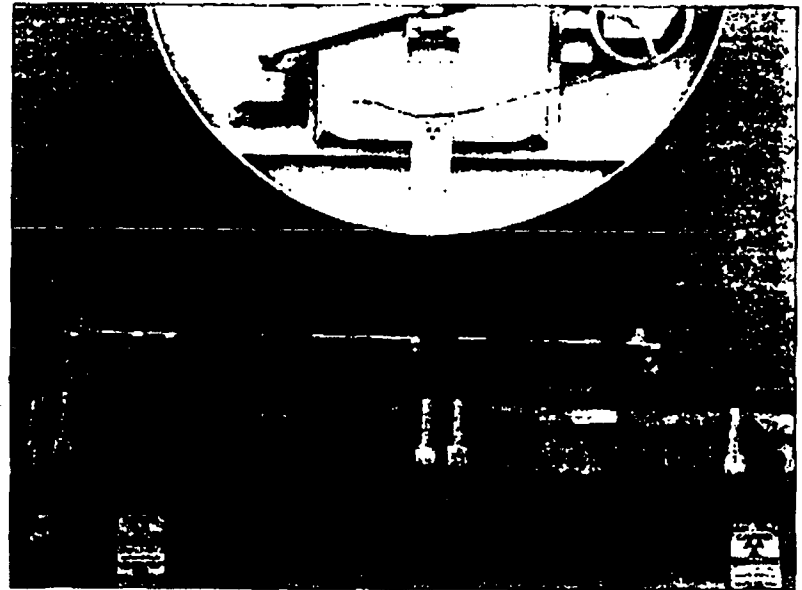
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Bennett, Charles T. <i>CT</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments: **PHOTOS ASSOCIATED WITH ITEM # 2 (LEFT) AND ITEM # 3 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-311-3.JPG



Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-311-4.JPG





Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: EB.10.0003

Procedure Rev.: 2

Report No.: VT-07-339

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Equipment Access Hatch

Drawing No.: S-525-003 Description: Equipment Access Hatch

System ID: Containment

Component ID: PEN-222

Limitations: EXAMINED ALL BOLTING

Resolution: 1/32" Line Surface Condition: CLEANED

Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200fc

Light Verification Times: Cal In 0730 / 1110 / 1500 Cal Out 1730

Visual Examination: Direct

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissassembled

	Seals, Gaskets & Moisture Barriers			See Comments	Bolting & Bolted Connections			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Wear	—	—	<u>X</u>	—	8) Loose	—	—	<u>X</u>	—
2) Damage	—	—	<u>X</u>	—	9) Damage	—	—	<u>X</u>	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	—	—	<u>X</u>	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	—	—	<u>X</u>	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	—	—	<u>X</u>	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	—	—	<u>X</u>
7) Other	—	—	<u>X</u>	—					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. SEE SUPPLEMENTAL REPORT ADDITIONAL COMMENTS

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	11/28/2007	Joe Lese, PE	<i>[Signature]</i>	11/29/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Applechain, Lenus F.		<i>[Signature]</i>	11/28/2007	Rick Portmann	<i>[Signature]</i>	11/29/07
Other	Level II	Signature	Date	ANII Review	Signature	Date
Sonnier, Jason B.		<i>[Signature]</i>	11/29/2007	Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-339
Page: 2 of 2

Summary No.: E8.10.0003

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>Joe</i></u>	Date: <u>11/29/07</u>
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/29/07</u>
Other: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Item #4 (Reference Page 1 – Condition 13): This report is a continuation of VT-07-311. VT-1 determined twenty-eight (28) locations where cotter pin replacements were needed. There was no degradation to bolting identified at these locations. PEN 222 Bolting and Equipment Hatch/RB Mating Flange Surfaces

Comment:

The Equipment Hatch mating flange surface was examined on 11/21/07 while the Equipment Hatch was rolled back for the outage.

Permanent bolting was examined untensioned (untatched) on 11/27/07 and 11/28/07. Cotter pins at twenty-eight (28) locations were identified for replacement. Replacement cotter pins were examined and provided to the RB Hatch Coordinator for reinstallation at the locations identified.

The RB mating flange for the Equipment Hatch was examined on 11/29/07 prior to reinstallation of the Equipment Hatch. The O-Ring/Gasket seating area was not examined since the existing O-Ring/Gasket was deemed suitable for continued use and not removed.

Light meter checks were as follows: 0100, 0430, 0600, and final at 0800 with measured lumens greater than 200fc with the same meter utilized on 11/28/2007.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E8.10.0004 Procedure Rev.: 2 Report No.: VT-07-140
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Transfer Tube
 Drawing No.: S-525-004 Description: 34", Type VIII, Fuel Transfer Tube #2
 System ID: Containment
 Component ID: PEN-348
 Limitations: (SEE COMMENTS) EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: CLEANED
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Inside Containment Outside Containment Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc
 Light Verification Times: Cal In 1100 / N/A / N/A Cal Out 1400
 Visual Examination: Direct/Remote

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections					
	Accept	Reject	N/A	See Comments	Inplace <input checked="" type="checkbox"/>	Dissasembled <input checked="" type="checkbox"/>	Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—			<u>X</u>	—	—	—
2) Damage	—	—	<u>X</u>	—			<u>X</u>	—	—	—
3) Tear	—	—	<u>X</u>	—			<u>X</u>	—	—	—
4) Erosion	—	—	<u>X</u>	—			<u>X</u>	—	—	—
5) Surface Cracks	—	—	<u>X</u>	—			<u>X</u>	—	—	—
6) Adhesion	—	—	<u>X</u>	—			<u>X</u>	—	—	—
7) Other	—	—	<u>X</u>	—			—	—	—	<u>X</u>
8) Loose							<u>X</u>	—	—	—
9) Damage							<u>X</u>	—	—	—
10) Cracking							<u>X</u>	—	—	—
11) Wear							<u>X</u>	—	—	—
12) Excessive Corrosion							<u>X</u>	—	—	—
13) Other							—	—	—	<u>X</u>

Comments:
ADDITIONAL REFERENCING PROCEDURE NAP-02, REV. 2. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval
 Percent Of Coverage Obtained > 90%: N/A Reviewed Previous Data: Yes

Examiner Level III Komara, Bernard P.	Signature <i>B.P. Komara</i>	Date 11/27/2007	Reviewer Joe Lese, PE	Signature <i>J. Lese</i>	Date 11/27/2007
Examiner Level II Blanc, Marc J.	Signature <i>M. Blanc</i>	Date 11/27/2007	Site Review Rick Portmann	Signature <i>R. Portmann</i>	Date 11/27/2007
Other Level II Sonnier, Jason B.	Signature <i>J. Sonnier</i>	Date 11/27/2007	ANII Review Tom Wyatt, ANII	Signature <i>T. Wyatt</i>	Date 12/1/07



Supplemental Report

Report No.: VT-07-140

Page: 2 of 2

Summary No.: E8.10.0004

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/27/2007</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/27/2007</u>
Other: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Permanent flange cover and bolting initially examined in place under tension prior to removal at start of outage on 11/06/07.

Permanent flange disassembled and removed during outage. Flange cover, sealing surfaces, and bolting examined on 11/27/07.



Visual Examination of IWE Interfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E8.10.0007

Procedure Rev.: 2

Report No.: VT-07-143

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-G/E8.10 Location: Transfer Tube

Drawing No.: S-525-005 Description: 34", Type VIII, Fuel Transfer Tube #1

System ID: Containment

Component ID: PEN-436

Limitations: (SEE COMMENTS) EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: CLEANED

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: >200ftc

Light Verification Times: Cal In 1100 / N/A / N/A Cal Out 1400

Visual Examination: Direct/Remote

Seals, Gaskets & Moisture Barriers

Bolting & Bolted Connections

Inplace Dissasembled

	Seals, Gaskets & Moisture Barriers				Bolting & Bolted Connections			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Wear	—	—	<u>X</u>	—	8) Loose	<u>X</u>	—	—
2) Damage	—	—	<u>X</u>	—	9) Damage	<u>X</u>	—	—
3) Tear	—	—	<u>X</u>	—	10) Cracking	<u>X</u>	—	—
4) Erosion	—	—	<u>X</u>	—	11) Wear	<u>X</u>	—	—
5) Surface Cracks	—	—	<u>X</u>	—	12) Excessive Corrosion	<u>X</u>	—	—
6) Adhesion	—	—	<u>X</u>	—	13) Other	—	—	<u>X</u>
7) Other	—	—	<u>X</u>	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE NAP-02, REV. 2. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/27/2007	Joe Lese, PE	<i>J. Lese</i>	11/27/2007
Blanc, Marc J.	II	<i>M. Blanc</i>	11/27/2007	Rick Portmann	<i>R. Portmann</i>	11/27/2007
Sonnier, Jason B.	II	<i>J. Sonnier</i>	11/27/2007	Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-143

Page: 2 of 2

Summary No.: E8.10.0007

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/27/2007</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/27/2007</u>
Other: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/4/07</u>

Comments:

Permanent flange cover and bolting initially examined in place under tension prior to removal at start of outage on 11/06/07.

Permanent flange disassembled and removed during outage. Flange cover, sealing surfaces, and bolting examined on 11/27/07.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0182

Procedure Rev.: 2

Report No.: VT-07-088

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB EL 93'-0"

Drawing No.: S-525-002 Description: Basement Liner Embedded in 24" Concrete

System ID: MC

Component ID: RBLP-1001

Limitations: REFER TO SUPPLEMENTAL REPORT FOR LIMITATIONS

Resolution: 1/32" Line Surface Condition: WIPED AS NEEDED

Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / N/A / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	X	—	—	—	X	—
2) Flaking	—	—	X	—	—	—	X	—
3) Blistering	—	—	X	—	—	—	X	—
4) Peeling	—	—	X	—	—	—	X	—
5) Chipping	—	—	X	—	—	—	X	—
6) Wear	—	—	X	—	—	—	X	—
7) Checking	—	—	X	—	—	—	X	—
8) Cracking	—	—	X	—	—	—	X	—
9) Gouges	—	—	X	—	—	—	X	—
10) Discoloration	—	—	X	—	—	—	X	—
11) Other	—	—	—	X	—	—	—	X
12) Broken Welds	—	—	—	—	—	—	—	—
13) Bulging of Liner	—	—	—	—	—	—	—	—
14) Pitting	—	—	—	—	—	—	—	—
15) Excessive Corrosion	—	—	—	—	—	—	—	—
16) Wear	—	—	—	—	—	—	—	—
17) ARC Strikes	—	—	—	—	—	—	—	—
18) Dents	—	—	—	—	—	—	—	—
19) Surface Discontinuities	—	—	—	—	—	—	—	—
20) Other	—	—	—	—	—	—	—	X

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGES NOTED FROM PREVIOUS DATA. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11/25/07
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				Rick Portmann	<i>Rick Portmann</i>	11/26/07
Examiner	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-088

Page: 2 of 2

Summary No.: E1.12.0182

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11.25.07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/26/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>12/1/07</u>

Comments:

Not Accessible

Inaccessible Areas: (Comments for RBLP-1001)

•The base containment liner plate is covered by a two foot (2') thick concrete slab and therefore is inaccessible for VT-3/VT-1 Examination.

Accessible Areas: (Comments for RBLP-1001)

•The accessible concrete surface areas, construction joints, and other slab penetrating mediums were examined for evidence of base plate degradation. None was noted.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0156

Procedure Rev.: 2

Report No.: VT-07-065

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90°

System ID: MC

Component ID: RBLP-1002

Limitations: EXAMNED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	<input checked="" type="checkbox"/>	—	—	—	—	<input checked="" type="checkbox"/>	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	—	—	<input checked="" type="checkbox"/>	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	—	—	<input checked="" type="checkbox"/>	—
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—
11) Other	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
12) Broken Welds	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
13) Bulging of Liner	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
14) Pitting	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
15) Excessive Corrosion	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
16) Wear	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
17) ARC Strikes	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
18) Dents	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—
19) Surface Discontinuities	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—
20) Other	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—

Comments:

General VT performed in conjunction with this examination. Additional referencing procedure; NAP-02, Rev. The following changes to previously identified conditions were noted, See Supplemental Report.

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11-14-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. J. Blanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-065

Page: 2 of 2

Summary No.: E1.12.0156

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>Jal</i></u>	Date: <u>11.14.07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Penetrations associated with Plate: PEN-109, PEN-115, PEN-117, PEN-118, PEN-119, PEN-120, PEN-123, PEN-124
Liners associated with Plate: RBLN-1001, RBLN-1002, RBLN-1003, RBLN-1004, RBLN-1005, RBLN-1006, RBLN-1007, RBLN-1008, RBLN-1009, RBLN-1010, RBLN-1011, RBLN-1012, RBLN-1013, RBLN-1014, RBLN-1015, RBLN-1016, RBLN-1151, RBLN-1173, RBLN-1174.

- Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Rust, chipping, wear. (See VT-1 Report 07-166)
- Item #2 (Reference Page 1 – Condition 11, 20): Other. (See VT-1 Report 07-166)
- Item #3 (Reference Page 1 – Condition 19): Surface discontinuities. (See VT-1 Report 07-166)

Inaccessible Areas:

- Approximate Azimuth 5 – 15 Degrees: Area behind Elevator shaft outside parameters for VT-3/VT-1.
- Approximate Azimuth 55 – 75 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.1056

Procedure Rev.: 2

Report No.: VT-07-166

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.11 Location: RB-95'-119'

Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90°

System ID: MC

Component ID: RBLP-1002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	—	—	<input checked="" type="checkbox"/>	—
2) Flaking	—	—	<input checked="" type="checkbox"/>	—	13) Bulging of Liner	—	—	<input checked="" type="checkbox"/>	—
3) Blistering	—	—	<input checked="" type="checkbox"/>	—	14) Pitting	—	—	<input checked="" type="checkbox"/>	—
4) Peeling	—	—	<input checked="" type="checkbox"/>	—	15) Excessive Corrosion	—	—	<input checked="" type="checkbox"/>	—
5) Chipping	—	—	—	<input checked="" type="checkbox"/>	16) Wear	—	—	—	<input checked="" type="checkbox"/>
6) Wear	—	—	—	<input checked="" type="checkbox"/>	17) ARC Strikes	—	—	<input checked="" type="checkbox"/>	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—	18) Dents	—	—	<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	19) Surface Discontinuities	—	—	—	<input checked="" type="checkbox"/>
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	20) Other	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—					
11) Other	—	—	—	<input checked="" type="checkbox"/>					

Comments:
SEE CONTINUATION SHEET

Results: Accept Reject Eval

NGR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11-14-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-166

Page: 2 of 2

Summary No.: E1.12.1056

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11.14.07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

AZ: 0 - 90

Item #1 (Reference Page 1 - Condition 01, 05, 06, 16): Approximate Elevation 95' - 119'. Approximate Azimuth 0 - 90 Degrees. Multiple areas of rust. (See VT-3 Report 07-065). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" - 2" in area or diameter.

Item #2 (Reference Page 1 - Condition 11, 20): Approximate Elevation 115'. Approximate Azimuth 90 Degrees. Other - survey markers on liner (multiple locations). (See VT-3 Report 07-065). VT-1 determined that degradation has not occurred adjacent to the areas identified. Markers vary in size and diameter.

Item #3 (Reference Page 1 - Condition 19): Approximate Elevation 119'. Approximate Azimuth 90 Degrees. Surface Discontinuities - distortion of liner plate at intersection of three (3) seam welds under penetration 107. (See VT-3 Report 07-065). VT-1 determined that distortion may be due to construction plate alignment and welding. Area is approximately 3' L. No degradation such as rust or pronounced bulging of the liner was noted.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0157

Procedure Rev.: 2

Report No.: VT-07-066

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90°

System ID: MC

Component ID: RBLP-1003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
2) Flaking	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
4) Peeling	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	<input checked="" type="checkbox"/>	—	—	—	—	—	—
11) Other	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—
12) Broken Welds	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
13) Bulging of Liner	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—
14) Pitting	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
15) Excessive Corrosion	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
16) Wear	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—
17) ARC Strikes	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
18) Dents	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
19) Surface Discontinuities	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
20) Other	—	—	—	—	—	—	<input checked="" type="checkbox"/>	—

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval

NCR# 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>Joe Lese</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>Rick Portmann</i>	11/22/07
Examiner	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-066

Page: 2 of 2

Summary No.: E1.12.0157

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>R.P.</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Penetrations associated with Plate: PEN-101, PEN-102, PEN-103, PEN-104, PEN-105, PEN-106, PEN-107, PEN-108, PEN-110, PEN-111, PEN-112, PEN-113, PEN-116, PEN-121, PEN-122, PEN-125, PEN-126, PEN-127, PEN-128, PEN-129, PEN-130, PEN-131, PEN-132, PEN-133, PEN-134, PEN-135, PEN-136

Liners associated with Plate: RBLN-1017, RBLN-1018, RBLN-1019, RBLN-1020, RBLN-1021, RBLN-1022, RBLN-1023, RBLN-1024, RBLN-1025, RBLN-1026, RBLN-1027, RBLN-1028, RBLN-1029, RBLN-1030, RBLN-1031, RBLN-1032, RBLN-1033, RBLN-1034, RBLN-1035, RBLN-1036, RBLN-1037, RBLN-1038, RBLN-1039, RBLN-1040, RBLN-1041, RBLN-1042, RBLN-1043, RBLN-1044, RBLN-1155, RBLN-1156, RBLN-1157, RBLN-1158, RBLN-1159, RBLN-1160, RBLN-1161, RBLN-1167, RBLN-1168, RBLN-1169, RBLN-1170, RBLN-1171, RBLN-1172, RBLN-1175

Item #1 (Reference Page 1 – Condition 10): Discoloration. (See VT-1 Report VT-07-306)

Item #2 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-306)

Item #3 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-306)

Item #4 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-306)

Item #5 (Reference Page 1 – Condition 04). Peeling of Paint. (See VT-1 Report VT-07-306)

Item #6 (Reference Page 1 – Condition 01, 05, 06, 16): Multiple areas of rust. (See VT-1 Report VT-07-306).

Item #7 (Reference Page 1 – Condition 02). Flaking of paint. (See VT-1 Report VT-07-306)

Inaccessible Areas:

- Approximate Azimuth 55 – 60 Degrees, from Elevation 119' – 160': Area behind HVAC duct work outside parameters for VT-3/VT-1.
- Approximate Azimuth 65 – 70 Degrees, from Elevation 119' – 160': Area behind HVAC duct work outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E1.12.0157 Procedure Rev.: 2 Report No.: VT-07-306
 Workscope: ISI Work Order No.: 681043 Page: 1 of 7

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'
 Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90°
 System ID: MC
 Component ID: RBLP-1003
 Limitations: EXAMINED ALL ACCESSIBLE AREAS
 Resolution: 1/32" Line Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Inside Containment Outside Containment Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	—	—	<input checked="" type="checkbox"/>
2) Flaking	—	—	—	<input checked="" type="checkbox"/>	13) Bulging of Liner	—	—	<input checked="" type="checkbox"/>
3) Blistering	—	—	<input checked="" type="checkbox"/>	—	14) Pitting	—	—	<input checked="" type="checkbox"/>
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	15) Excessive Corrosion	—	—	<input checked="" type="checkbox"/>
5) Chipping	—	—	—	<input checked="" type="checkbox"/>	16) Wear	—	—	<input checked="" type="checkbox"/>
6) Wear	—	—	—	<input checked="" type="checkbox"/>	17) ARC Strikes	—	—	<input checked="" type="checkbox"/>
7) Checking	—	—	<input checked="" type="checkbox"/>	—	18) Dents	—	—	<input checked="" type="checkbox"/>
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	19) Surface Discontinuities	—	—	<input checked="" type="checkbox"/>
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	20) Other	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>				
11) Other	—	—	<input checked="" type="checkbox"/>	—				

Comments: **SEE SUPPLEMENTAL REPORT**

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>Joe Lese</i>	11-23-07
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				Rick Portmann	<i>Rick Portmann</i>	11/23/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-306
Page: 2 of 7

Summary No.: E1.12.0157

Examiner: <u>Komara, Bernard P. <i>BDK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RCP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 10): Approximate Elevation 119' – 124'. Approximate Azimuth 20 Degrees. Discoloration. (See VT-3 Report VT-07-066). VT-1 determined that degradation to the liner or coating has not occurred in the area identified. Discoloration appears to be due to previous spillage of oil and splashing of grout/cement. RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWE Photo\ VT-07-306-1.jpg, VT-07-306-2.jpg & VT-07-306-3.jpg.

Item #2 (Reference Page 1 – Condition 13). Approximate Elevation 152'. Approximate Azimuth 75 Degrees. Bulging of liner. (See VT-3 Report 07-066). VT-1 determined that dimensions of bulge areas are as follows:

- a) 12" L X 12" W
- b) 12" L X 12" W
- c) 12" L X 12" W

No degradation such as rust or deterioration of the liner was noted.

Item #3 (Reference Page 1 – Condition 13). Approximate Elevation 140'. Approximate Azimuth 80 Degrees. Bulging of liner. (See VT-3 Report VT-07-066). VT-1 determined that dimensions of bulge areas are as follows:

- a) 12" L X 12" W
- b) 36" L X 12" W
- c) 24" L X 12" W

No degradation such as rust or deterioration of the liner was noted. "Tap Tests" of the bulged areas resulted in a hollow sound indicating a gap exists between the liner and concrete.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photo\2007 R15 IWE Photo\ VT-07-306-4.jpg, VT-07-306-5.jpg, VT-07-306-6.jpg & VT-07-306-7.jpg DSC01379, 01380, 01381, 01382.jpg.

Item #4 (Reference Page 1 – Condition 13). Approximate Elevation 155'. Approximate Azimuth 85 Degrees. Bulging of liner. (See VT-3 Report VT-07-066). VT-1 determined that dimensions of bulge areas are as follows:

- a) 12" L X 12" W
- b) 12" L X 12" W
- c) 12" L X 12" W

No degradation such as rust or deterioration of the liner was noted.

Item #5 (Reference Page 1 – Condition 04). Approximate Elevation 120'. Approximate Azimuth 90 Degrees. Peeling of paint. (See VT-3 Report VT-07-066). VT-1 determined that the top coat was separating due to application of paint over a 3-4" diameter survey marker. The primer is still adhering to the liner. No degradation such as rust or deterioration of the liner was noted.

Item #6 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 119' – 160'. Approximate Azimuth 0 – 90 Degrees. Multiple areas of rust. (See VT-3 Report VT-07-066). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" – <2" in area or diameter.

Item #7 (Reference Page 1 – Condition 02). Approximate Elevation 120 - 125'. Approximate Azimuth 0 - 90 Degrees. Flaking of paint. (See VT-3 Report VT-07-066). VT-1 determined that coatings on the faces of the following penetrations have deteriorated and light to medium rust has developed. Wastage corrosion has not occurred in the areas identified. Deterioration of the coating is most likely due to heat from the process piping.

- a) Penetration: 105 Elevation: 123' Azimuth: 38 Degrees
- b) Penetration: 106 Elevation: 123' Azimuth: 45 Degrees
- c) Penetration: 121 Elevation: 133' Azimuth: 30 Degrees
- d) Penetration: 122 Elevation: 133' Azimuth: 32 Degrees
- e) Penetration: 107 Elevation: 123' Azimuth: 90 Degrees
- f) Penetration: 108 Elevation: 123' Azimuth: 80 Degrees

SEE SHEET 7 OF 7 FOR UT OF BULGES FOR ITEM #3, AREAS 3a, 3b & 3c.



Supplemental Report

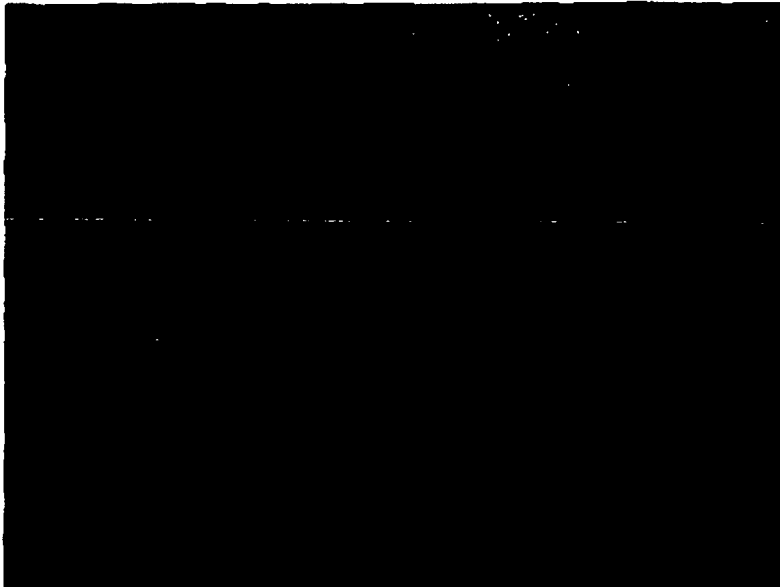
Report No.: VT-07-306
Page: 3 of 7

Summary No.: E1.12.0157

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/29/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments: **PHOTOS ASSOCIATED WITH ITEM # 1**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-1.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-2.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-306

Page: 4 of 7

Summary No.: E1.12.0157

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE

Date: _____

Examiner: N/A

Level: N/A

Site Review: Rick Portmann *RJP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM # 3 (RIGHT)**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-3.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-4.jpg





Supplemental Report

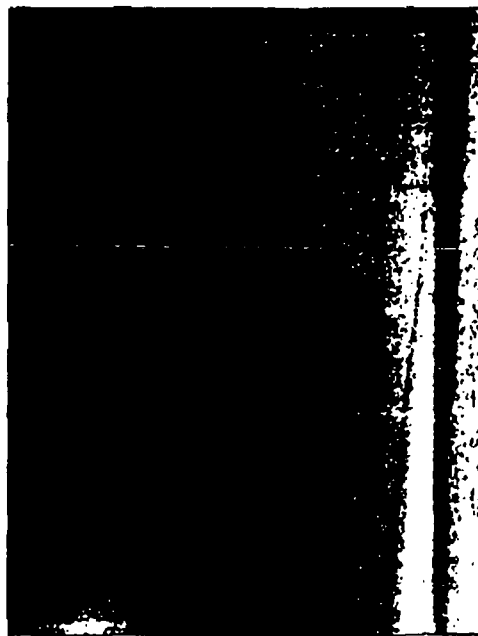
Report No.: VT-07-306
Page: 5 of 7

Summary No.: E1.12.0157

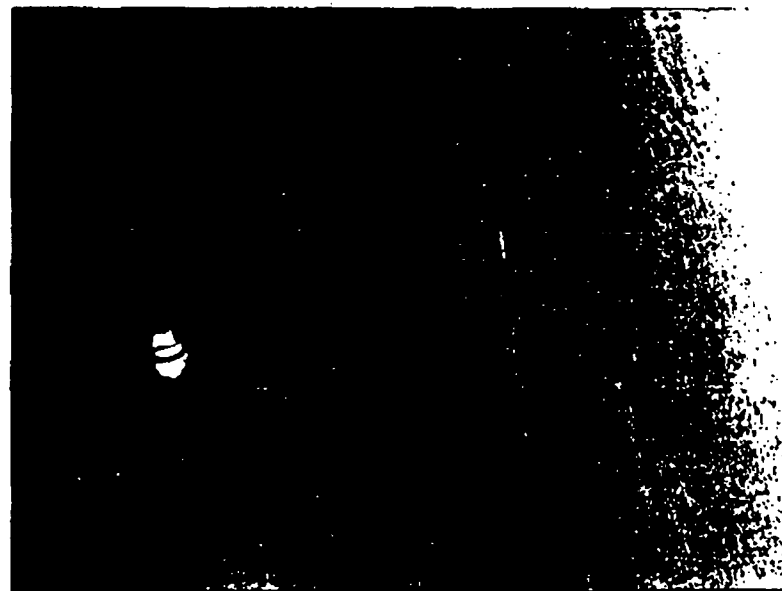
Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/27/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/4/07</u>

Comments: **PHOTOS ASSOCIATED WITH ITEM # 3**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-5.jpg



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-6.jpg



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-306
Page: 6 of 7

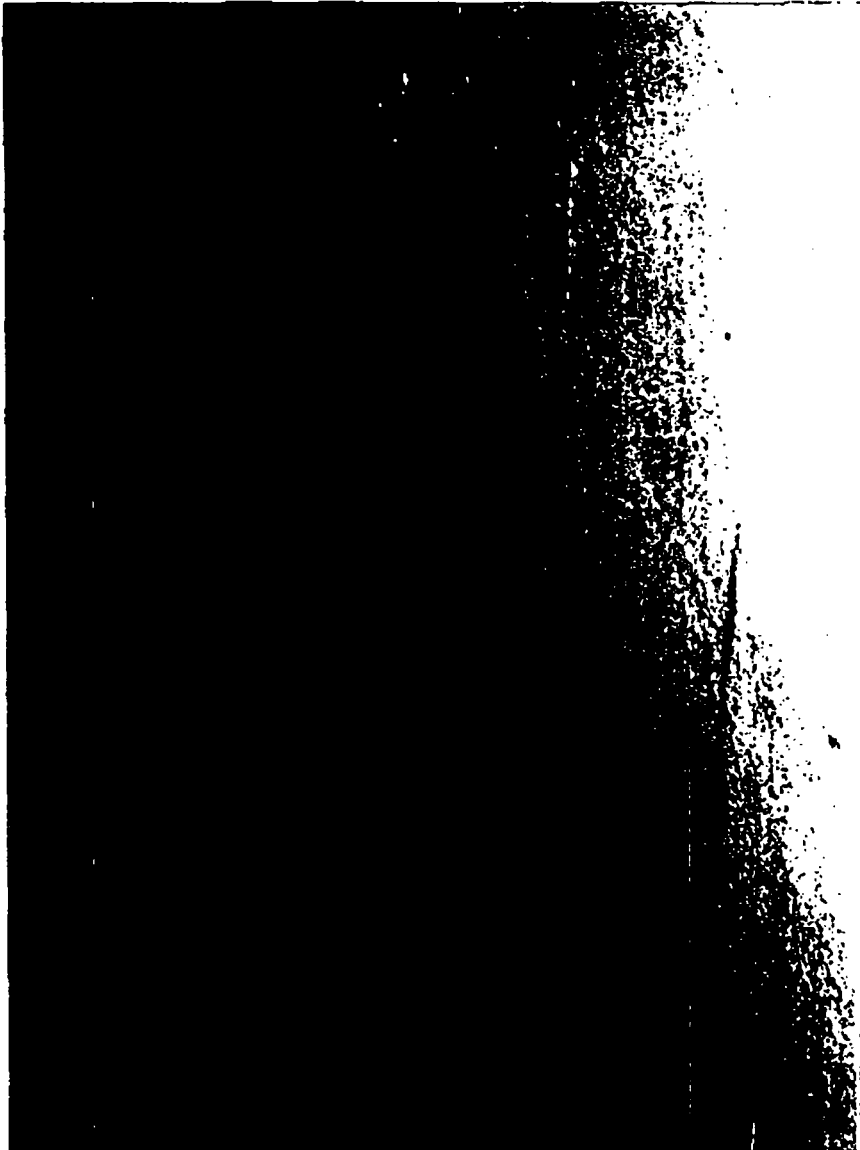
Summary No.: E1.12.0157

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments: **PHOTOS ASSOCIATED WITH ITEM # 3**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-306-7.jpg





Supplemental Report

Report No.: VT-07-306

Page: 7 of 7

Summary No.: E1.12.0157

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\UTT of Containment Liner Bulges.tif

QA UT-8 Rev 7



Progress Energy



NDE Report # 2007-0142

Page 1 of 1

DIGITAL ULTRASONIC THICKNESS NDE REPORT

Plant BNP CR3 HNP RNP WO: 68107 Unit 1 2 3 Date: 11/22/07

Component / Item Tested: <u>Containment Liner clockwise of hatch 130' elevation bulges 3a, 3b, 3c</u>		NDE Procedure: No: <u>427_Rev 7 TR N/A</u>												
Component Material: <input checked="" type="checkbox"/> C/S SA-108 Type <input type="checkbox"/> S/S N/A Type <input type="checkbox"/> Other (Specify): <u>N/A</u>		Expected Nominal T Range: <u>1'-1.00'</u>												
Thickness Gauge: Mfg: <u>Parametrix Model 38 DL Plus S/N: 002211211 Software Rev. No 2.07/1.20N</u>		Couplant: Brand: <u>Sonotech Patch No. 06120E</u>												
Calibration / Reference Std.: <input type="checkbox"/> Test Item Mic./Caliper No. <u>N/A</u> <input checked="" type="checkbox"/> Step Block S/N: <u>QC1118</u> <input checked="" type="checkbox"/> C/S <input type="checkbox"/> S/S <input type="checkbox"/> Other (Describe Below)		Primary Cal. Thickness: <u>1'-1.00'</u> Cal. Check Thickness: <u>1'-1.00'</u>												
Transducer: Mfg: <u>Parametrix Model D-791-RM S/N: 10052237 Diameter: 3/4" Freq: 5 MHz</u> <input type="checkbox"/> Single <input checked="" type="checkbox"/> Dual														
Component Conditions: High Temp: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Coated / Painted: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Inst Receiver Gain Setting <u>35 dB</u> Technique: <input type="checkbox"/> Single-Echo <input checked="" type="checkbox"/> Thru-Coat <input type="checkbox"/> Multiple-Echo	Other Test Conditions: <u>N/A</u> <u>7-10 mils of SL1 coating on liner plate</u> <u>Paint DFT gauge CT1842</u> <u>DLL 3/29/08</u>												
Sketch component or item and area tested. Include thickness data Varied gain to 80% Full Screen Height. UT done through paint. Requested by engineering to UT containment liner plate at bulge areas 3A, 3B and 3C. Bulge area was identified, bounded and sectioned in quadrants and an average thickness recorded for each quadrant. NOTE: APPROXIMATE ELEVATION 140'; APPROXIMATE AZIMUTH 90° BPE 11/22/07														
<p>BULGE AREA 3A 17.24' X 12'</p> <table border="1"> <tr><td>370"</td><td>371"</td></tr> <tr><td>369"</td><td>370"</td></tr> </table>	370"	371"	369"	370"	<p>BULGE AREA 3B 36' X 12'</p> <table border="1"> <tr><td>371"</td><td>371"</td></tr> <tr><td>370"</td><td>370"</td></tr> </table>	371"	371"	370"	370"	<p>BULGE AREA 3C 24' X 12'</p> <table border="1"> <tr><td>369"</td><td>359"</td></tr> <tr><td>368"</td><td>368"</td></tr> </table> <p style="text-align: right;"><u>AAV-K</u></p>	369"	359"	368"	368"
370"	371"													
369"	370"													
371"	371"													
370"	370"													
369"	359"													
368"	368"													
Inspector <u>Kevin M. Kenyon</u> <i>Kenyon</i>	Certification Level <u>1 Ltd A-Scan</u>	Date <u>11/22/07</u>												
Inspector <u>N/A</u>	Certification Level <u>N/A</u>	Date <u>N/A</u>												
Reviewed By (if Required) <i>[Signature]</i>	Title <u>QA/QC/INS TECH-1</u>	Date <u>11/21/07</u>												



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0158

Procedure Rev.: 2

Report No.: VT-07-067

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-160'-242'

Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90°

System ID: MC

Component ID: RBLP-1004

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12) Broken Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13) Bulging of Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14) Pitting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15) Excessive Corrosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16) Wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17) ARC Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18) Dents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19) Surface Discontinuities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. PREVIOUS DATA VERIFIED, NO CHANGES NOTED.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/20/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Bonnier, Jason B.	II	<i>[Signature]</i>	11/20/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Reviewer	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A	<i>[Signature]</i>		Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-067

Page: 2 of 2

Summary No.: E1.12.0158

Examiner: LeBlanc, Marc J. *MJR* Level: II

Reviewer: Joe Lese, PE *JL*

Date: 11.22.07

Examiner: Sonnier, Jason B. *JBS* Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments:

Liners associated with Plate: RBLN-1045, RBLN-1046, RBLN-1047, RBLN-1048, RBLN-1049, RBLN-1050, RBLN-1051, RBLN-1052, RBLN-1053, RBLN-1054, RBLN-1055, RBLN-1056, RBLN-1057, RBLN-1058, RBLN-1059, RBLN-1060, RBLN-1061, RBLN-1062, RBLN-1063, RBLN-1064, RBLN-1065, RBLN-1066, RBLN-1067, RBLN-1068, RBLN-1069, RBLN-1070, RBLN-1071, RBLN-1072, RBLN-1073, RBLN-1074, RBLN-1075, RBLN-1076, RBLN-1077, RBLN-1078, RBLN-1079, RBLN-1080, RBLN-1081, RBLN-1082, RBLN-1083, RBLN-1084, RBLN-1085, RBLN-1086, RBLN-1087, RBLN-1088, RBLN-1089, RBLN-1090, RBLN-1091, RBLN-1092, RBLN-1093, RBLN-1094, RBLN-1095, RBLN-1096, RBLN-1097, RBLN-1098, RBLN-1099, RBLN-1100, RBLN-1101, RBLN-1102, RBLN-1103, RBLN-1104, RBLN-1113, RBLN-1114, RBLN-1115, RBLN-1116, RBLN-1117, RBLN-1118, RBLN-1119, RBLN-1120, RBLN-1121, RBLN-1122, RBLN-1123, RBLN-1124, RBLN-1125, RBLN-1126, RBLN-1127, RBLN-1128, RBLN-1129, RBLN-1130, RBLN-1162, RBLN-1163, RBLN-1164, RBLN-1165, RBLN-1166, RBLN-1176, RBLN-1177, RBLN-1178, RBLN-1179, RBLN-1180, RBLN-1181, RBLN-1182, RBLN-1183, RBLN-1184, RBLN-1185, RBLN-1186, RBLN-1187, RBLN-1188, RBLN-1189, RBLN-1190, RBLN-1191, RBLN-1192, RBLN-1193



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0159

Procedure Rev.: 2

Report No.: VT-07-068

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-242'-250'

Drawing No.: S-525-002 Description: RB Wall Liner Plate - 0° to 90° / Crane Runaway Support Gallery

System ID: MC

Component ID: RBLP-1005

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. NO CHANGE NOTED FROM PREVIOUS DATA.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>J. Lese</i>	11/23/07
Updechain, Lenus F.	II	<i>L. Updechain</i>	11/21/2007	Rick Portmann	<i>R. Portmann</i>	11/23/07
N/A	N/A			Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-068
Page: 2 of 2

Summary No.: E1.12.0159

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-1105, RBLN-1106, RBLN-1107, RBLN-1108, RBLN-1109, RBLN-1110, RBLN-1111, RBLN-1112, RBLN-1131, RBLN-1132, RBLN-1133, RBLN-1134, RBLN-1135, RBLN-1136, RBLN-1137, RBLN-1138, RBLN-1139, RBLN-1140, RBLN-1141, RBLN-1142, RBLN-1143, RBLN-1144, RBLN-1145, RBLN-1146, RBLN-1147, RBLN-1148, RBLN-1149, RBLN-1150, RBLN-1152, RBLN-1153, RBLN-1154



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0160

Procedure Rev.: 2

Report No.: VT-07-069

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-AVE1.12 Location: RB-250'

Drawing No.: S-525-006 Description: RB Dome Liner Plate - 0° to 90°

System ID: MC

Component ID: RBLP-1006

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A			Accept	Reject	N/A	See Comments
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	—	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	13) Bulging of Liner	<input checked="" type="checkbox"/>	—	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	14) Pitting	<input checked="" type="checkbox"/>	—	—	—
4) Peeling	<input checked="" type="checkbox"/>	—	—	—	15) Excessive Corrosion	<input checked="" type="checkbox"/>	—	—	—
5) Chipping	<input checked="" type="checkbox"/>	—	—	—	16) Wear	<input checked="" type="checkbox"/>	—	—	—
6) Wear	<input checked="" type="checkbox"/>	—	—	—	17) ARC Strikes	<input checked="" type="checkbox"/>	—	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	18) Dents	<input checked="" type="checkbox"/>	—	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	19) Surface Discontinuities	<input checked="" type="checkbox"/>	—	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	20) Other	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>					
11) Other	—	—	—	<input checked="" type="checkbox"/>					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGE NOTED FROM PREVIOUS DATA, TAPE/SURVEY MARKERS REMAIN AFFIXED IN PLACE AT AZMUTH -80°

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>Joe Lese</i>	11-23-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Applechain, Lenus F.		<i>Lenus F. Applechain</i>	11/21/2007	Rick Portmann	<i>Rick Portmann</i>	11/23/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-069
Page: 2 of 2

Summary No.: E1.12.0160

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-1500, RBLN-1501, RBLN-1502, RBLN-1503, RBLN-1504, RBLN-1505, RBLN-1506, RBLN-1507, RBLN-1508, RBLN-1509, RBLN-1510, RBLN-1511, RBLN-1512, RBLN-1513, RBLN-1514, RBLN-1515, RBLN-1516, RBLN-1517, RBLN-1518, RBLN-1519, RBLN-1520, RBLN-1521, RBLN-1522, RBLN-1523, RBLN-1524, RBLN-1525, RBLN-1526, RBLN-1527, RBLN-1528, RBLN-1529, RBLN-1530, RBLN-1531, RBLN-1532, RBLN-1533, RBLN-1534, RBLN-1535, RBLN-1536, RBLN-1537, RBLN-1538, RBLN-1539, RBLN-1540, RBLN-1541, RBLN-1542, RBLN-1543, RBLN-1544, RBLN-1545, RBLN-1547, RBLN-1548, RBLN-1549, RBLN-1550, RBLN-1551, RBLN-1552, RBLN-1553, RBLN-1554, RBLN-1555, RBLN-1556, RBLN-1557, RBLN-1558, RBLN-1559, RBLN-1561, RBLN-1562, RBLN-1563, RBLN-1564, RBLN-1565, RBLN-1566



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0161

Procedure Rev.: 2

Report No.: VT-07-070

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB EL 93'-0"

Drawing No.: S-525-001 Description: Basement Liner Embedded in 24" Concrete

System ID: MC

Component ID: RBLP-2001

Limitations: REFER TO SUPPLEMENTAL REPORT FOR LIMITATIONS

Resolution: 1/32" Line Surface Condition: WIPED AS NEEDED

Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / N/A / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	X	—	—	—	—	
2) Flaking	—	—	X	—	—	—	—	
3) Blistering	—	—	X	—	—	—	—	
4) Peeling	—	—	X	—	—	—	—	
5) Chipping	—	—	X	—	—	—	—	
6) Wear	—	—	X	—	—	—	—	
7) Checking	—	—	X	—	—	—	—	
8) Cracking	—	—	X	—	—	—	—	
9) Gouges	—	—	X	—	—	—	—	
10) Discoloration	—	—	X	—	—	—	—	
11) Other	—	—	—	X	—	—	—	
12) Broken Welds	—	—	—	—	—	X	—	
13) Bulging of Liner	—	—	—	—	—	X	—	
14) Pitting	—	—	—	—	—	X	—	
15) Excessive Corrosion	—	—	—	—	—	X	—	
16) Wear	—	—	—	—	—	X	—	
17) ARC Strikes	—	—	—	—	—	X	—	
18) Dents	—	—	—	—	—	X	—	
19) Surface Discontinuities	—	—	—	—	—	X	—	
20) Other	—	—	—	—	—	—	X	

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGES NOTED FROM PREVIOUS DATA. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B. P. Komara</i>	11/5/2007	Joe Lese, PE	<i>[Signature]</i>	11.25.07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>[Signature]</i>	11/26/07
Examiner	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-070
Page: 2 of 2

Summary No.: E1.12.0161

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11-25-07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/26/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Not Accessible

Inaccessible Areas: (Comments for RBLP-2001)

•The base containment liner plate is covered by a two foot (2') thick concrete slab and therefore is inaccessible for VT-3/VT-1 Examination.

Accessible Areas: (Comments for RBLP-2001)

•The accessible concrete surface areas, construction joints, and other slab penetrating mediums were examined for evidence of base plate degradation. None was noted.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0162

Procedure Rev.: 2

Report No.: VT-07-071

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	<input checked="" type="checkbox"/>	—	—	12) Broken Welds	<input checked="" type="checkbox"/>	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	13) Bulging of Liner	<input checked="" type="checkbox"/>	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	14) Pitting	<input checked="" type="checkbox"/>	—	—
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	—	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	16) Wear	—	<input checked="" type="checkbox"/>	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	17) ARC Strikes	<input checked="" type="checkbox"/>	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	18) Dents	<input checked="" type="checkbox"/>	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	19) Surface Discontinuities	<input checked="" type="checkbox"/>	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	20) Other	—	—	<input checked="" type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	—	—	—				
11) Other	—	—	<input checked="" type="checkbox"/>	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>J. Lese</i>	11.22.07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>R. Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-071

Page: 2 of 2

Summary No.: E1.12.0162

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11/22/07

Examiner: LeBlanc, Marc J. *MJL* Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments:

Penetrations associated with Plate: **PEN-206, PEN-207**

Liners associated with Plate: **RBLN-2001, RBLN-2002, RBLN-2003, RBLN-2004, RBLN-2005, RBLN-2006, RBLN-2007, RBLN-2008, RBLN-2009, RBLN-2010, RBLN-2011, RBLN-2012, RBLN-2013, RBLN-2014, RBLN-2015, RBLN-2016, RBLN-2017, RBLN-2018.**

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Multiple areas of rust. (See VT-1 Report 07-210).

Inaccessible Areas:

- Approximate Azimuth 105 – 125 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.
- Approximate Azimuth 170 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0162

Procedure Rev.: 2

Report No.: VT-07-210

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	—	<input checked="" type="checkbox"/>				
2) Flaking	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
3) Blistering	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
4) Peeling	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
5) Chipping	—	—	—	<input checked="" type="checkbox"/>			—	<input checked="" type="checkbox"/>
6) Wear	—	—	—	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
9) Gouges	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—			<input checked="" type="checkbox"/>	—
11) Other	—	—	—	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	—
12) Broken Welds	—	—	—	—			<input checked="" type="checkbox"/>	—
13) Bulging of Liner	—	—	—	—			<input checked="" type="checkbox"/>	—
14) Pitting	—	—	—	—			<input checked="" type="checkbox"/>	—
15) Excessive Corrosion	—	—	—	—			<input checked="" type="checkbox"/>	—
16) Wear	—	—	—	—			—	<input checked="" type="checkbox"/>
17) ARC Strikes	—	—	—	—			<input checked="" type="checkbox"/>	—
18) Dents	—	—	—	—			<input checked="" type="checkbox"/>	—
19) Surface Discontinuities	—	—	—	—			<input checked="" type="checkbox"/>	—
20) Other	—	—	—	—			<input checked="" type="checkbox"/>	—

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>J.L.</i>	11-22-07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>R. Portmann</i>	11/22/07
Examiner	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-210

Page: 2 of 2

Summary No.: E1.12.0162

Examiner: Komara, Bernard P. *BPIC* Level: III

Reviewer: Joe Lese, PE *JL* Date: 11/22/07

Examiner: LeBlanc, Marc J. *MSL* Level: II

Site Review: Rick Portmann *RIP* Date: 11/22/07

Other: N/A Level: N/A

ANII Review: Tom Wyatt, ANII *TW* Date: 12/1/07

Comments:

Penetrations associated with Plate: PEN-206, PEN-207

Liners associated with Plate: RBLN-2001, RBLN-2002, RBLN-2003, RBLN-2004, RBLN-2005, RBLN-2006, RBLN-2007, RBLN-2008, RBLN-2009, RBLN-2010, RBLN-2011, RBLN-2012, RBLN-2013, RBLN-2014, RBLN-2015, RBLN-2016, RBLN-2017, RBLN-2018.

Item #1 (Reference Page 1 - Condition 01, 05, 06, 16): Approximate Elevation 95' - 119'. Approximate Azimuth 90 - 180 Degrees. Multiple areas of rust. (See VT-3 Report VT-07-071). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" - 2" in area or diameter.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0163

Procedure Rev.: 2

Report No.: VT-07-072

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	<input checked="" type="checkbox"/>	—	—	12) Broken Welds	<input checked="" type="checkbox"/>	—	—
2) Flaking	—	<input checked="" type="checkbox"/>	—	—	13) Bulging of Liner	—	<input checked="" type="checkbox"/>	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	14) Pitting	<input checked="" type="checkbox"/>	—	—
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	—	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	16) Wear	—	<input checked="" type="checkbox"/>	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	17) ARC Strikes	<input checked="" type="checkbox"/>	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	18) Dents	<input checked="" type="checkbox"/>	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	19) Surface Discontinuities	<input checked="" type="checkbox"/>	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	20) Other	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>				
11) Other	—	<input checked="" type="checkbox"/>	—	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>Joe Lese</i>	11.22.07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-072

Page: 2 of 2

Summary No.: E1.12.0163

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11/22/07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Penetrations associated with Plate: PEN-201, PEN-202, PEN-203, PEN-204, PEN-205, PEN-208, PEN-209, PEN-210, PEN-211, PEN-212, PEN-213, PEN-214, PEN-215, PEN-216, PEN-217, PEN-222

Liners associated with Plate: RBLN-2019, RBLN-2020, RBLN-2021, RBLN-2022, RBLN-2023, RBLN-2024, RBLN-2025, RBLN-2026, RBLN-2027, RBLN-2028, RBLN-2029, RBLN-2030, RBLN-2031, RBLN-2032, RBLN-2033, RBLN-2034, RBLN-2035, RBLN-2036, RBLN-2037, RBLN-2038, RBLN-2039, RBLN-2040, RBLN-2041, RBLN-2042, RBLN-2043, RBLN-2044, RBLN-2045, RBLN-2046, RBLN-2095, RBLN-2096, RBLN-2097, RBLN-2098, RBLN-2099, RBLN-2100, RBLN-2101, RBLN-2102, RBLN-2103, RBLN-2104, RBLN-2105, RBLN-2106, RBLN-2107, RBLN-2108, RBLN-2139,

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Multiple areas of rust. (See VT-1 Report VT-07-307).

Item #2 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-307)

Item #3 (Reference Page 1 – Condition 11, 20). Other – Welded lugs. (See VT-1 Report VT-07-307)

Item #4 (Reference Page 1 – Condition 02). Flaking of paint. (See VT-1 Report VT-07-307)

Inaccessible Areas:

- Approximate Azimuth 105 – 125 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.
- Approximate Azimuth 170 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0163

Procedure Rev.: 2

Report No.: VT-07-307

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>				
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments	
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	—	—	<input checked="" type="checkbox"/>	—
2) Flaking	—	—	—	<input checked="" type="checkbox"/>	13) Bulging of Liner	—	—	—	<input checked="" type="checkbox"/>
3) Blistering	—	—	<input checked="" type="checkbox"/>	—	14) Pitting	—	—	<input checked="" type="checkbox"/>	—
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	15) Excessive Corrosion	—	—	<input checked="" type="checkbox"/>	—
5) Chipping	—	—	<input checked="" type="checkbox"/>	—	16) Wear	—	—	—	<input checked="" type="checkbox"/>
6) Wear	—	—	<input checked="" type="checkbox"/>	—	17) ARC Strikes	—	—	<input checked="" type="checkbox"/>	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—	18) Dents	—	—	<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	19) Surface Discontinuities	—	—	<input checked="" type="checkbox"/>	—
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	20) Other	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>					
11) Other	—	—	<input checked="" type="checkbox"/>	—					

Comments:

SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257 242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/11/2007	Joe Lese, PE	<i>Joe Lese</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-307
Page: 2 of 2

Summary No.: E1.12.0163

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *[Signature]* Date: 11/22/07

Examiner: N/A Level: N/A

Site Review: Rick Portmann *[Signature]* Date: 11/22/07

Other: N/A Level: N/A

ANII Review: Tom Wyatt, ANII *[Signature]* Date: 12/1/07

Comments:

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 95' – 119'. Approximate Azimuth 90 – 180 Degrees. Multiple areas of rust. (See VT-3 Report VT-07-072). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" – 2" in area or diameter.

Item #2 (Reference Page 1 – Condition 13). Approximate Elevation 155'. Approximate Azimuth 95 Degrees. Bulging of liner. (See VT-3 Report VT-07-072). VT-1 determined that dimension of bulge area is as follows:

a) 12" L X 12" W

No degradation such as rust or deterioration of the liner was noted.

Item #3 (Reference Page 1 – Condition 11, 20). Approximate Elevation 129'. Approximate Azimuth 125 – 140 Degrees. Other – Welded lugs. (See VT-3 Report VT-07-072). VT-1 determined five (5) lugs welded to the liner plate are coated. No degradation or deterioration of the liner was noted.

Item #4 (Reference Page 1 – Condition 02). Approximate Elevation 123'. Approximate Azimuth 100 Degrees. Flaking of paint. (See VT-3 Report VT-07-072). VT-1 determined that coatings on the face of the following penetration has deteriorated and light to medium rust has developed. Wastage corrosion has not occurred in the areas identified. Deterioration of the coating is most likely due to heat from the process piping.

Penetration: 201 Elevation: 123' Azimuth: 100 Degrees



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0164

Procedure Rev.: 2

Report No.: VT-07-073

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-160'-242'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2004

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. THE FOLLOWING CHANGES TO PREVIOUSLY RECORDED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.			11/20/2007	Joe Lese, PE		11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.			11/20/2007	Rick Portmann		11/22/07
Examiner	N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII		12/1/07



Supplemental Report

Report No.: VT-07-073

Page: 2 of 2

Summary No.: E1.12.0164

Examiner: <u>LeBlanc, Marc J. MJL</u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B. JSB</u>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-2047, RBLN-2048, RBLN-2049, RBLN-2050, RBLN-2051, RBLN-2052, RBLN-2053, RBLN-2054, RBLN-2055, RBLN-2056, RBLN-2057, RBLN-2058, RBLN-2059, RBLN-2060, RBLN-2062, RBLN-2063, RBLN-2064, RBLN-2065, RBLN-2066, RBLN-2067, RBLN-2068, RBLN-2069, RBLN-2070, RBLN-2071, RBLN-2072, RBLN-2073, RBLN-2074, RBLN-2075, RBLN-2076, RBLN-2077, RBLN-2078, RBLN-2079, RBLN-2080, RBLN-2081, RBLN-2082, RBLN-2083, RBLN-2084, RBLN-2085, RBLN-2086, RBLN-2087, RBLN-2088, RBLN-2089, RBLN-2090, RBLN-2091, RBLN-2092, RBLN-2093, RBLN-2094, RBLN-2109, RBLN-2110, RBLN-2111, RBLN-2112, RBLN-2113, RBLN-2114, RBLN-2115, RBLN-2116, RBLN-2117, RBLN-2118, RBLN-2121, RBLN-2122, RBLN-2123, RBLN-2124, RBLN-2125, RBLN-2126, RBLN-2127, RBLN-2128, RBLN-2129, RBLN-2130, RBLN-2131, RBLN-2132, RBLN-2133, RBLN-2134, RBLN-2135, RBLN-2136, RBLN-2137, RBLN-2138.

INACCESSIBLE AREAS IN RBLP-2004

- 1) 100° TO 125° INACCESSIBLE AREA BEHIND VERTICAL DUCT WORK WITH EXCEPTION OF 4' X 6' AREA BETWEEN THE TWO DUCTS.
- 2) 168° TO 173° 160' TO 195' INACCESSIBLE AREA BEHIND VERTICAL DUCT RUN.
- 3) 168° TO 180° 185' TO 200' PARTIALLY INACCESSIBLE AREA BEHIND RING DUCT.

ITEM # 1 (REFERENCE PAGE 1, CONDITION #5) - VARIOUS CHIPPING, SCRAPES, AND NICKS ABOVE EQUIPMENT HATCH FROM LIFTS. PRIMER VISIBLE, NO CORROSION. AZMUTH 130° TO 160°, ELEVATION FROM 150' TO 170'. SEE VT-3 REPORT VT-07-308.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0164

Procedure Rev.: 2

Report No.: VT-07-308

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-160'-242'

Drawing No.: S-525-003 Description: RB Wall Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2004

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	X	—	—	—	X	—
2) Flaking	—	—	X	—	—	—	X	—
3) Blistering	—	—	X	—	—	—	X	—
4) Peeling	—	—	X	—	—	—	X	—
5) Chipping	—	—	—	X	—	—	X	—
6) Wear	—	—	X	—	—	—	X	—
7) Checking	—	—	X	—	—	—	X	—
8) Cracking	—	—	X	—	—	—	X	—
9) Gouges	—	—	X	—	—	—	X	—
10) Discoloration	—	—	X	—	—	—	X	—
11) Other	—	—	X	—	—	—	X	—
12) Broken Welds	—	—	—	—	—	—	X	—
13) Bulging of Liner	—	—	—	—	—	—	X	—
14) Pitting	—	—	—	—	—	—	X	—
15) Excessive Corrosion	—	—	—	—	—	—	X	—
16) Wear	—	—	—	—	—	—	X	—
17) ARC Strikes	—	—	—	—	—	—	X	—
18) Dents	—	—	—	—	—	—	X	—
19) Surface Discontinuities	—	—	—	—	—	—	X	—
20) Other	—	—	—	—	—	—	X	—

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level II	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.		<i>[Signature]</i>	11/20/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Bonnier, Jason B.		<i>[Signature]</i>	11/20/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-308

Page: 2 of 2

Summary No.: E1.12.0164

Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B. <i>JBS</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

INACCESSIBLE AREAS IN RBLP-2004

1) 100° TO 125° INACCESSIBLE AREA BEHIND VERTICAL DUCT WORK WITH EXCEPTION OF 4' X 6' AREA BETWEEN THE TWO DUCTS.

2) 168° TO 173° 160' TO 195' INACCESSIBLE AREA BEHIND VERTICAL DUCT RUN.

3) 168° TO 180° 185' TO 200' PARTIALLY INACCESSIBLE AREA BEHIND RING DUCT.

ITEM # 1 (REFERENCE PAGE 1, CONDITION #5) - VARIOUS CHIPPING, SCRAPES, AND NICKS ABOVE EQUIPMENT HATCH FROM LIFTS. PRIMER VISIBLE, NO CORROSION. AZMUTH 130° TO 160°, ELEVATION FROM 150' TO 170'. SEE VT-3 REPORT VT-07-073.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0165

Procedure Rev.: 2

Report No.: VT-07-074

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad.

Cat./Item: E-A/E1.12

Location: RB-242'-250'

Drawing No.: S-525-003

Description: RB Wall Liner Plate - 90° to 180° / Crane Runaway Supt. Gallery

System ID: MC

Component ID: RBLP-2005

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line

Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. NO CHANGE NOTED FROM PREVIOUS DATA.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	Level III	<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>J. Lese</i>	11/23/07
Leplechain, Lenus F.	Level II	<i>L. Leplechain</i>	11/21/2007	Rick Portmann	<i>R. Portmann</i>	11/23/07
N/A	Level N/A			ANII Review Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-074

Page: 2 of 2

Summary No.: E1.12.0165

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LF</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-2141, RBLN-2142, RBLN-2143, RBLN-2144, RBLN-2145, RBLN-2146, RBLN-2147, RBLN-2149, RBLN-2150, RBLN-2151, RBLN-2152, RBLN-2153, RBLN-2154, RBLN-2155, RBLN-2156, RBLN-2157, RBLN-2158, RBLN-2159, RBLN-2160, RBLN-2161, RBLN-2162, RBLN-2163, RBLN-2164, RBLN-2165, RBLN-2166, RBLN-2167, RBLN-2168, RBLN-2169, RBLN-2170, RBLN-2171



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0166

Procedure Rev.: 2

Report No.: VT-07-075

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-250'

Drawing No.: S-525-007 Description: RB Dome Liner Plate - 90° to 180°

System ID: MC

Component ID: RBLP-2006

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	—	—	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	—	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
4) Peeling	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
5) Chipping	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
6) Wear	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>	—	—	—	—
11) Other	—	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>
12) Broken Welds	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
13) Bulging of Liner	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
14) Pitting	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
15) Excessive Corrosion	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
16) Wear	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
17) ARC Strikes	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
18) Dents	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
19) Surface Discontinuities	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
20) Other	—	—	—	—	—	—	—	<input checked="" type="checkbox"/>

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGE NOTED FROM PREVIOUS DATA, TAPE/SURVEY MARKERS REMAIN AFFIXED IN PLACE AT AZMUTH -100°

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>Joe Lese</i>	11-23-07
Spelechain, Lenus F.	II	<i>Lenus F. Spelechain</i>	11/21/2007	Rick Portmann	<i>Rick Portmann</i>	11/23/07
Other	N/A			ANII Review	<i>Tom Wyatt</i>	12/1/07
N/A				Tom Wyatt, ANII		



Supplemental Report

Report No.: VT-07-075
Page: 2 of 2

Summary No.: E1.12.0166

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-2500, RBLN-2501, RBLN-2502, RBLN-2503, RBLN-2504, RBLN-2505, RBLN-2506, RBLN-2507, RBLN-2508, RBLN-2509, RBLN-2510, RBLN-2511, RBLN-2512, RBLN-2513, RBLN-2514, RBLN-2515, RBLN-2516, RBLN-2517, RBLN-2518, RBLN-2519, RBLN-2520, RBLN-2521, RBLN-2522, RBLN-2523, RBLN-2524, RBLN-2525, RBLN-2526, RBLN-2527, RBLN-2528, RBLN-2529, RBLN-2530, RBLN-2531, RBLN-2532, RBLN-2533, RBLN-2534, RBLN-2535, RBLN-2536, RBLN-2537, RBLN-2538, RBLN-2539, RBLN-2540, RBLN-2541, RBLN-2542, RBLN-2543, RBLN-2544, RBLN-2545, RBLN-2546, RBLN-2547, RBLN-2548, RBLN-2549, RBLN-2550, RBLN-2551, RBLN-2552, RBLN-2553, RBLN-2554, RBLN-2555, RBLN-2556, RBLN-2557, RBLN-2558, RBLN-2559, RBLN-2560, RBLN-2561, RBLN-2562, RBLN-2563, RBLN-2564, RBLN-2565, RBLN-2566



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E1.12.0167 Procedure Rev.: 2 Report No.: VT-07-076
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB EL 93'-0"
 Drawing No.: S-525-001 Description: Basement Liner Embedded in 24" Concrete
 System ID: MC
 Component ID: RBLP-3001
 Limitations: REFER TO SUPPLEMENTAL REPORT FOR LIMITATIONS

Resolution: 1/32" Line Surface Condition: WIPED AS NEEDED
 Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.
 Inspected From: Inside Containment Outside Containment Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc
 Light Verification Times: Cal In 1350 / N/A / N/A Cal Out 1730
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Rust	—	—	<input checked="" type="checkbox"/>	—	12) Broken Welds	—	—	<input checked="" type="checkbox"/>	—
2) Flaking	—	—	<input checked="" type="checkbox"/>	—	13) Bulging of Liner	—	—	<input checked="" type="checkbox"/>	—
3) Blistering	—	—	<input checked="" type="checkbox"/>	—	14) Pitting	—	—	<input checked="" type="checkbox"/>	—
4) Peeling	—	—	<input checked="" type="checkbox"/>	—	15) Excessive Corrosion	—	—	<input checked="" type="checkbox"/>	—
5) Chipping	—	—	<input checked="" type="checkbox"/>	—	16) Wear	—	—	<input checked="" type="checkbox"/>	—
6) Wear	—	—	<input checked="" type="checkbox"/>	—	17) ARC Strikes	—	—	<input checked="" type="checkbox"/>	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—	18) Dents	—	—	<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	19) Surface Discontinuities	—	—	<input checked="" type="checkbox"/>	—
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	20) Other	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	<input checked="" type="checkbox"/>	—					
11) Other	—	—	—	<input checked="" type="checkbox"/>					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGES NOTED FROM PREVIOUS DATA. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>J. Lese</i>	11/30/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Bennett, Charles T.	II	<i>C. Bennett</i>	11/30/2007	Rick Portmann	<i>R. Portmann</i>	11/30/07
Other	Level	Signature	Date	ANII Review	Signature	Date
LeBlanc, Marc J.	II	<i>M. LeBlanc</i>	11/30/2007	Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-076

Page: 2 of 2

Summary No.: E1.12.0167

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *Joe* Date: 11/30/07

Examiner: Bennett, Charles T. *CT* Level: II

Site Review: Rick Portmann *RIP* Date: 11/30/07

Other: LeBlanc, Marc J. *MJL* Level: II

ANII Review: Tom Wyatt, ANII *TW* Date: 12/4/07

Comments:

Not Accessible

Accessible Areas: (Comments for RBLP-3001)

•The accessible concrete surface areas, construction joints, and other slab penetrating mediums including the sump were examined for evidence of base plate degradation. None was noted.

•Exam completed on different days, 11/5/2007 & 11/30/2007. Light meter checks were as follows for 11/30/2007: pre cal check 0900 and post cal 1245 with measured lumens greater than 200fc with the same meter utilized on 11/5/2007.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0168

Procedure Rev.: 2

Report No.: VT-07-077

Workscope: ISI

Work Order No.: 681043

Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	<input checked="" type="checkbox"/>	—	—	12) Broken Welds	<input checked="" type="checkbox"/>	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	13) Bulging of Liner	<input checked="" type="checkbox"/>	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	14) Pitting	<input checked="" type="checkbox"/>	—	—
4) Peeling	—	—	—	<input checked="" type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	—	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	16) Wear	—	<input checked="" type="checkbox"/>	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	17) ARC Strikes	<input checked="" type="checkbox"/>	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	18) Dents	<input checked="" type="checkbox"/>	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	19) Surface Discontinuities	<input checked="" type="checkbox"/>	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	20) Other	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	<input checked="" type="checkbox"/>	—	—				
11) Other	—	<input checked="" type="checkbox"/>	—	—				

Comments:

GENERAL VT-3 (VT-07-053) PERFORMED IN CONJUNCTION WITH THIS EXAM. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS WERE NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11/14/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.		<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-077

Page: 2 of 3

Summary No.: E1.12.0168

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JLS</i></u>	Date: <u>11/14/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MSL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Wyatt, Thomas W. <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Penetrations associated with Plate: PEN-314, PEN-318, PEN-319, PEN-321, PEN-322, PEN-327, PEN-328, PEN-333, PEN-336, PEN-337, PEN-339, PEN-340, PEN-341, PEN-342, PEN-343, PEN-344, PEN-349, PEN-353, PEN-358, PEN-359, PEN-360, PEN-361, PEN-366, PEN-367, PEN-368, PEN-369, PEN-370, PEN-371, PEN-374, PEN-376
Liners associated with Plate: RBLN-3006



Supplemental Report

Report No.: VT-07-077

Page: 3 of 3

Summary No.: E1.12.0168

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JLese</i></u>	Date: <u>11.14.07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RPortmann</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Wyatt, Thomas W. <i>W Wyatt</i></u>	Date: <u>12/1/07</u>

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2.

- Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Rust, chipping, wear. (See VT-1 Report 07-202)
- Item #2 (Reference Page 1 – Condition 10): Discoloration. (See VT-1 Report 07-202).
- Item #3 (Reference Page 1 – Condition 11, 20): Other – survey markers on liner. (See VT-1 Report 07-202).
- Item #4 (Reference Page 1 – Condition 11, 20): Other – tape on liner. (See VT-1 Report 07-202).

Inaccessible Areas:

•None



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0168

Procedure Rev.: 2

Report No.: VT-07-202

Workscope: ISI

Work Order No.: 681043

Page: 1 of 3

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	—	—	X				
2) Flaking	—	—	X	—			X	—
3) Blistering	—	—	X	—			X	—
4) Peeling	—	—	X	—			X	—
5) Chipping	—	—	—	X			—	X
6) Wear	—	—	—	X			X	—
7) Checking	—	—	X	—			X	—
8) Cracking	—	—	X	—			X	—
9) Gouges	—	—	X	—			—	X
10) Discoloration	—	—	—	X			—	—
11) Other	—	—	—	X			—	—
12) Broken Welds							X	—
13) Bulging of Liner							X	—
14) Pitting							X	—
15) Excessive Corrosion							X	—
16) Wear							—	X
17) ARC Strikes							X	—
18) Dents							X	—
19) Surface Discontinuities							X	—
20) Other							—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11.14.07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Blanc, Marc J.	II	<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-202

Page: 2 of 3

Summary No.: E1.12.0168

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>4/14/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>4/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>2/4/07</u>

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2.

AZ: 180 - 270

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 95’ – 119’. Approximate Azimuth 180 – 270 Degrees. Multiple areas of rust. (See VT-3 Report 07-077). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2” – 2” in area or diameter.

Item #2 (Reference Page 1 – Condition 10): Approximate Elevation 107’ – 119’. Approximate Azimuth 235 – 255 Degrees. Discoloration. (See VT-3 Report 07-077). VT-1 determined that degradation to the liner or coating has not occurred in the area identified. Discoloration appears to be due to previous spillage.

RE: Photo L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\BCC00247.jpg. *21P 4/14/07*

Item #3 (Reference Page 1 – Condition 11, 20): Approximate Elevation 105’ and 115’. Approximate Azimuth 165 – 190 Degrees. Other – survey markers on liner (multiple locations). (See VT-3 Report 07-077). VT-1 determined that degradation has not occurred adjacent to the areas identified. Marker sizes vary in diameter.

Item #4 (Reference Page 1 – Condition 11, 20): Approximate Elevation 117’. Approximate Azimuth 200 Degrees. Other – tape on liner (2 locations: above Penetrations 369 and 371). (See VT-3 Report 07-077). VT-1 determined that degradation has not occurred adjacent to the areas identified. Each piece of tape is approximately 6” L X 3” W.



Supplemental Report

Report No.: VT-07-202

Page: 3 of 3

Summary No.: E1.12.0168

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-202.JPG



POOR QUALITY COPY



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0169

Procedure Rev.: 2

Report No.: VT-07-078

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1000 / 1300 / 1400 Cal Out 1650

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	—	<input checked="" type="checkbox"/>	—	—
3) Blistering	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
4) Peeling	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
5) Chipping	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—
6) Wear	—	<input checked="" type="checkbox"/>	—	—	<input checked="" type="checkbox"/>	—	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>	—	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	<input checked="" type="checkbox"/>	—	—	—	—	—	—
11) Other	—	—	—	<input checked="" type="checkbox"/>	—	—	—	<input checked="" type="checkbox"/>
12) Broken Welds	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
13) Bulging of Liner	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—
14) Pitting	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
15) Excessive Corrosion	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
16) Wear	—	—	—	—	—	<input checked="" type="checkbox"/>	—	—
17) ARC Strikes	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
18) Dents	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
19) Surface Discontinuities	—	—	—	—	<input checked="" type="checkbox"/>	—	—	—
20) Other	—	—	—	—	—	—	—	<input checked="" type="checkbox"/>

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. THE FOLLOWING CHANGES TO PREVIOUS IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/12/2007	<i>John A. ...</i>	<i>4/22/07</i>	
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				<i>Rick Postmann</i>		11/27/07
Examiner	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				<i>T.W. Wyatt</i>		12/1/07



Supplemental Report

Report No.: VT-07-078

Page: 2 of 2

Summary No.: E1.12.0169

Examiner: Komara, Bernard P. BPIC Level: III

Reviewer: John L. L... Date: 11/22/07

Examiner: N/A Level: N/A

Site Review: Rick Peetm... Date: 4/22/07

Other: N/A Level: N/A

ANII Review: T.W. W... Date: 12/1/07

Comments:

Penetrations associated with Plate: PEN-301, PEN-302, PEN-303, PEN-304, PEN-305, PEN-306, PEN-307, PEN-308, PEN-309, PEN-315, PEN-316, PEN-317, PEN-320, PEN-323, PEN-324, PEN-325, PEN-326, PEN-329, PEN-330, PEN-331, PEN-332, PEN-334, PEN-338, PEN-347, PEN-348, PEN-350, PEN-351, PEN-352, PEN-354, PEN-355, PEN-356, PEN-357, PEN-362, PEN-363, PEN-364, PEN-365, PEN-372, PEN-373, PEN-375, PEN-377

Liners associated with Plate: RBLN-3001, RBLN-3002, RBLN-3003, RBLN-3004, RBLN-3005, RBLN-3007, RBLN-3008, RBLN-3009, RBLN-3010, RBLN-3011, RBLN-3012.

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Rust, chipping, wear. (See VT-1 Report VT-07-309)

Item #2 (Reference Page 1 – Condition 03): Blistering coatings. (See VT-1 Report VT-07-309).

Item #3 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-309)

Item #4 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-309)

Item #5 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-309)

Item #6 (Reference Page 1 – Condition 10): Discoloration. (See VT-1 Report VT-07-309).

Inaccessible Areas:

•None



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0169

Procedure Rev.: 2

Report No.: VT-07-309

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-AE1.12 Location: RB-119'-160'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1000 / 1300 / 1400 Cal Out 1650

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>			See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	—	X				
2) Flaking	—	—	X	—				X
3) Blistering	—	—	—	X				—
4) Peeling	—	—	X	—				—
5) Chipping	—	—	—	X				X
6) Wear	—	—	—	X				—
7) Checking	—	—	X	—				X
8) Cracking	—	—	X	—				—
9) Gouges	—	—	X	—				—
10) Discoloration	—	—	—	X				—
11) Other	—	—	—	X				X
12) Broken Welds	—	—	—	—			X	—
13) Bulging of Liner	—	—	—	—			—	X
14) Pitting	—	—	—	—			X	—
15) Excessive Corrosion	—	—	—	—			X	—
16) Wear	—	—	—	—			—	X
17) ARC Strikes	—	—	—	—			X	—
18) Dents	—	—	—	—			X	—
19) Surface Discontinuities	—	—	—	—			X	—
20) Other	—	—	—	—			—	X

Comments:
SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/12/2007	<i>Joe A. Lutz</i>	<i>Joe A. Lutz</i>	11/22/07
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				<i>Rick Bertmann</i>	<i>Rick Bertmann</i>	11/22/07
Examiner	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				<i>T.W. Wyatt</i>	<i>T.W. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-309

Page: 2 of 2

Summary No.: E1.12.0169

Examiner: Komara, Bernard P. BPK Level: III

Reviewer: Joe A. Latta JAL Date: 11/22/07

Examiner: N/A Level: N/A

Site Review: Rick Portman RIP Date: 11/22/07

Other: N/A Level: N/A

ANII Review: TWW Date: 11/1/07

Comments:

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 119' – 160'. Approximate Azimuth 180 – 270 Degrees. Multiple areas of rust. (See VT-3 Report VT-07-078). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" – <2" in area or diameter.

Item #2 (Reference Page 1 – Condition 03): Approximate Elevation 150'. Approximate Azimuth 220 Degrees. Blistering coatings. (See VT-3 Report VT-07-078). VT-1 determined that the top coat has deteriorated in an approximate 18" L X 18" W area; however, the primer is intact. No rust or degradation of the liner has occurred.

Item #3 (Reference Page 1 – Condition 13). Approximate Elevation 155'. Approximate Azimuth 210 - 230 Degrees. Bulging of liner. (See VT-3 Report VT-07-078). VT-1 determined that dimensions of eight (8) bulges in the area (when viewed from the 160' elevation) are all approximately 12" L X 12" W. No degradation such as rust or deterioration of the liner was noted.

Item #4 (Reference Page 1 – Condition 13). Approximate Elevation 140' – 155". Approximate Azimuth 235 Degrees. Bulging of liner. (See VT-3 Report VT-07-078). VT-1 determined that dimensions of three (3) bulges in the area (when viewed from the 160' elevation) are all approximately 12" L X 12" W. No degradation such as rust or deterioration of the liner was noted.

Item #5 (Reference Page 1 – Condition 13). Approximate Elevation 145' – 150". Approximate Azimuth 240 - 250 Degrees. Bulging of liner. (See VT-3 Report VT-07-078). VT-1 determined that dimensions of six (6) bulges in the area (when viewed from the 160' elevation) are all approximately 12" L X 12" W. No degradation such as rust or deterioration of the liner was noted.

Item #6 (Reference Page 1 – Condition 10): Approximate Elevation 135' – 160'. Approximate Azimuth 255 – 270 Degrees. Discoloration. (See VT-3 Report VT-07-078). VT-1 determined that degradation to the liner or coating has not occurred in the area identified. Discoloration appears to be due to previous spillage.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0170

Procedure Rev.: 2

Report No.: VT-07-079

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-160'-242'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3004

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. PREVIOUS DATA VERIFIED, NO CHANGES NOTED.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/20/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
Sonnier, Jason B.	II	<i>[Signature]</i>	11/20/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
Reviewer	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A	<i>[Signature]</i>		Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-079
Page: 2 of 2

Summary No.: E1.12.0170

Examiner: <u>LeBlanc, Marc J.</u> <i>MJC</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11-22-07</u>
Examiner: <u>Sonnier, Jason B.</u> <i>JBS</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>12/14/07</u>

Comments:

Liners associated with Plate: RBLN-3013, RBLN-3014, RBLN-3015, RBLN-3016, RBLN-3017, RBLN-3018, RBLN-3019, RBLN-3020, RBLN-3021, RBLN-3022, RBLN-3023, RBLN-3024, RBLN-3025, RBLN-3026, RBLN-3027, RBLN-3028, RBLN-3029, RBLN-3030, RBLN-3031, RBLN-3032, RBLN-3033, RBLN-3034, RBLN-3035, RBLN-3036, RBLN-3037, RBLN-3038, RBLN-3039, RBLN-3040, RBLN-3041, RBLN-3042, RBLN-3043, RBLN-3044, RBLN-3045, RBLN-3046, RBLN-3047, RBLN-3048, RBLN-3049, RBLN-3050, RBLN-3051, RBLN-3052, RBLN-3053, RBLN-3054, RBLN-3055, RBLN-3056, RBLN-3057, RBLN-3058, RBLN-3095, RBLN-3096, RBLN-3097, RBLN-3098, RBLN-3099, RBLN-3100, RBLN-3101, RBLN-3102, RBLN-3103, RBLN-3104, RBLN-3105, RBLN-3106, RBLN-3107, RBLN-3108, RBLN-3109, RBLN-3110, RBLN-3111, RBLN-3112, RBLN-3113, RBLN-3114, RBLN-3115, RBLN-3116, RBLN-3117, RBLN-3118, RBLN-3119, RBLN-3120



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0171

Procedure Rev.: 2

Report No.: VT-07-080

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-242'-250'

Drawing No.: S-525-004 Description: RB Wall Liner Plate - 180° to 270° / Crane Runaway Supt Gallery

System ID: MC

Component ID: RBLP-3005

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipmen/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12) Broken Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13) Bulging of Liner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14) Pitting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15) Excessive Corrosion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16) Wear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17) ARC Strikes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18) Dents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19) Surface Discontinuities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Comments:
General VT performed in conjunction with this examination.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>J. Lese</i>	11.23.07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Uplechain, Lenus F.		<i>L. Uplechain</i>	11/21/2007	Rick Portmann	<i>R. Portmann</i>	11/23/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>T. Wyatt</i>	12/11/07



Supplemental Report

Report No.: VT-07-080
Page: 2 of 2

Summary No.: E1.12.0171

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>R.P.</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-3059, RBLN-3060, RBLN-3061, RBLN-3062, RBLN-3063, RBLN-3064, RBLN-3065, RBLN-3066, RBLN-3067, RBLN-3068, RBLN-3069, RBLN-3070, RBLN-3071, RBLN-3072, RBLN-3073, RBLN-3074, RBLN-3075, RBLN-3076, RBLN-3077, RBLN-3078, RBLN-3079, RBLN-3080, RBLN-3081, RBLN-3082, RBLN-3083, RBLN-3084, RBLN-3085, RBLN-3086, RBLN-3087, RBLN-3088, RBLN-3089, RBLN-3090, RBLN-3091, RBLN-3092, RBLN-3093, RBLN-3094



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0172

Procedure Rev.: 2

Report No.: VT-07-081

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-250'

Drawing No.: S-525-008 Description: RB Dome Liner Plate - 180° to 270°

System ID: MC

Component ID: RBLP-3006

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				See Comments	Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments		Accept	Reject	N/A	See Comments
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	—	—	—
2) Flaking	<input checked="" type="checkbox"/>	—	—	—	13) Bulging of Liner	<input checked="" type="checkbox"/>	—	—	—
3) Blistering	<input checked="" type="checkbox"/>	—	—	—	14) Pitting	<input checked="" type="checkbox"/>	—	—	—
4) Peeling	<input checked="" type="checkbox"/>	—	—	—	15) Excessive Corrosion	<input checked="" type="checkbox"/>	—	—	—
5) Chipping	<input checked="" type="checkbox"/>	—	—	—	16) Wear	<input checked="" type="checkbox"/>	—	—	—
6) Wear	<input checked="" type="checkbox"/>	—	—	—	17) ARC Strikes	<input checked="" type="checkbox"/>	—	—	—
7) Checking	<input checked="" type="checkbox"/>	—	—	—	18) Dents	<input checked="" type="checkbox"/>	—	—	—
8) Cracking	<input checked="" type="checkbox"/>	—	—	—	19) Surface Discontinuities	<input checked="" type="checkbox"/>	—	—	—
9) Gouges	<input checked="" type="checkbox"/>	—	—	—	20) Other	—	—	—	<input checked="" type="checkbox"/>
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>					
11) Other	—	—	—	<input checked="" type="checkbox"/>					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGE NOTED FROM PREVIOUS DATA, TAPE/SURVEY MARKERS REMAIN AFFIXED IN PLACE AT AZMUTH -265°

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>Joe Lese</i>	11/23/07
Examiner	Level II	Signature	Date	Site Review	Signature	Date
Leplechain, Lenus F.		<i>Leplechain</i>	11/21/2007	Rick Portmann	<i>Rick Portmann</i>	11/23/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-081
Page: 2 of 2

Summary No.: E1.12.0172

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>4/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

Liners associated with Plate: RBLN-3500, RBLN-3501, RBLN-3502, RBLN-3503, RBLN-3504, RBLN-3505, RBLN-3506, RBLN-3507, RBLN-3508, RBLN-3509, RBLN-3510, RBLN-3511, RBLN-3512, RBLN-3513, RBLN-3514, RBLN-3515, RBLN-3516, RBLN-3517, RBLN-3518, RBLN-3519, RBLN-3520, RBLN-3521, RBLN-3522, RBLN-3523, RBLN-3524, RBLN-3525, RBLN-3526, RBLN-3527, RBLN-3528, RBLN-3529, RBLN-3530, RBLN-3531, RBLN-3532, RBLN-3533, RBLN-3534, RBLN-3535, RBLN-3536, RBLN-3537, RBLN-3538, RBLN-3539, RBLN-3540, RBLN-3541, RBLN-3542, RBLN-3543, RBLN-3544, RBLN-3545, RBLN-3546, RBLN-3547, RBLN-3548, RBLN-3549, RBLN-3550, RBLN-3551, RBLN-3552, RBLN-3553, RBLN-3554, RBLN-3555, RBLN-3556, RBLN-3557, RBLN-3558, RBLN-3559, RBLN-3560, RBLN-3561, RBLN-3562, RBLN-3563, RBLN-3564, RBLN-3565, RBLN-3566, RBLN-3567, RBLN-3568, RBLN-3569, RBLN-3570, RBLN-3571, RBLN-3572, RBLN-3573, RBLN-3574, RBLN-3575, RBLN-3576, RBLN-3577, RBLN-3578, RBLN-3579, RBLN-3580, RBLN-3581, RBLN-3582, RBLN-3583, RBLN-3584, RBLN-3585



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0173

Procedure Rev.: 2

Report No.: VT-07-082

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB EL 93'-0"

Drawing No.: S-525-001 Description: Basement Liner Embedded in 24" Concrete

System ID: MC

Component ID: RBLP-4001

Limitations: REFER TO SUPPLEMENTAL REPORT FOR LIMITATIONS

Resolution: 1/32" Line Surface Condition: WIPED AS NEEDED

Visual Equipment/Aids: Flashlight, 6" Scale, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1350 / N/A / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	X	—	—	—	—	
2) Flaking	—	—	X	—	—	—	—	
3) Blistering	—	—	X	—	—	—	—	
4) Peeling	—	—	X	—	—	—	—	
5) Chipping	—	—	X	—	—	—	—	
6) Wear	—	—	X	—	—	—	—	
7) Checking	—	—	X	—	—	—	—	
8) Cracking	—	—	X	—	—	—	—	
9) Gouges	—	—	X	—	—	—	—	
10) Discoloration	—	—	X	—	—	—	—	
11) Other	—	—	—	X	—	—	—	
12) Broken Welds	—	—	—	—	—	X	—	
13) Bulging of Liner	—	—	—	—	—	X	—	
14) Pitting	—	—	—	—	—	X	—	
15) Excessive Corrosion	—	—	—	—	—	X	—	
16) Wear	—	—	—	—	—	X	—	
17) ARC Strikes	—	—	—	—	—	X	—	
18) Dents	—	—	—	—	—	X	—	
19) Surface Discontinuities	—	—	—	—	—	X	—	
20) Other	—	—	—	—	—	—	X	

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. NO CHANGES NOTED FROM PREVIOUS DATA. SEE SUPPLEMENTAL REPORT FOR ADDITIONAL COMMENTS.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>J. Lese</i>	11-25-07
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>R. Portmann</i>	11/26/07
Examiner	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-082
Page: 2 of 2

Summary No.: E1.12.0173

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/25/07</u>
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/26/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Not Accessible

Inaccessible Areas: (Comments for RBLP-4001)

•The base containment liner plate is covered by a two foot (2') thick concrete slab and therefore is inaccessible for VT-3/VT-1 Examination.

Accessible Areas: (Comments for RBLP-4001)

•The accessible concrete surface areas, construction joints, and other slab penetrating mediums were examined for evidence of base plate degradation. None was noted.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0174

Procedure Rev.: 2

Report No.: VT-07-083

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360°

System ID: MC

Component ID: RBLP-4002

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas X

Non-Coated Areas X

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	X	—	—	X	—	—	—
2) Flaking	—	X	—	—	X	—	—	—
3) Blistering	X	—	—	—	—	—	—	X
4) Peeling	—	X	—	—	—	X	—	—
5) Chipping	—	X	—	—	—	X	—	—
6) Wear	—	X	—	—	X	—	—	—
7) Checking	X	—	—	—	X	—	—	—
8) Cracking	X	—	—	—	X	—	—	—
9) Gouges	X	—	—	—	—	X	—	—
10) Discoloration	—	X	—	—	—	X	—	—
11) Other	—	X	—	—	—	X	—	—
12) Broken Welds	—	—	—	—	X	—	—	—
13) Bulging of Liner	—	—	—	—	X	—	—	—
14) Pitting	—	—	—	—	—	—	—	X
15) Excessive Corrosion	—	—	—	—	—	X	—	—
16) Wear	—	—	—	—	—	X	—	—
17) ARC Strikes	—	—	—	—	X	—	—	—
18) Dents	—	—	—	—	X	—	—	—
19) Surface Discontinuities	—	—	—	—	X	—	—	—
20) Other	—	—	—	—	—	X	—	—

Comments:

ADDITIONAL REFERENCING PROCEDURE NAP-02, REV. 02. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED. (SEE SUPPLEMENTAL REPORT).

Results: Accept Reject Eval

NCR # 257 242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11/16/07
Examiner	Level	Signature	Date	Site Review	Signature	Date
LeBlanc, Marc J.	II	<i>M. LeBlanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Reviewer	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-083

Page: 2 of 2

Summary No.: E1.12.0174

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11/15/07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Penetrations associated with Plate: PEN-413, PEN-414, PEN-415, PEN-416, PEN-424, PEN-425, PEN-426, PEN-427, PEN-429, PEN-430, PEN-434, PEN-435, PEN-439, PEN-440, PEN-441, PEN-442.

AZ 270 - 360

- Item #1 (Reference Page 1 - Condition 01, 02): Rust, flaking. (See VT-1 Report 07-211)
- Item #2 (Reference Page 1 - Condition 01): Rust. (See VT-1 Report 07-211)
- Item #3 (Reference Page 1 - Condition 04): Peeling. (See VT-1 Report 07-211)
- Item #4 (Reference Page 1 - Condition 04): Peeling. (See VT-1 Report 07-211)
- Item #5 (Reference Page 1 - Condition 01, 05, 06, 16): Rust, chipping, wear. (See VT-1 Report 07-211)
- Item #6 (Reference Page 1 - Condition 10): Discoloration. (See VT-1 Report 07-211)
- Item #7 (Reference Page 1 - Condition 11, 20): Other - Tape. (See VT-1 Report 07-211)
- Item #8 (Reference Page 1 - Condition 15): Excessive corrosion. (See VT-1 Report 07-211)
- Item #9 (Reference Page 1 - Condition 15): Excessive corrosion. (See VT-1 Report 07-211)
- Item #10 (Reference Page 1 - Condition 15): Excessive corrosion. (See VT-1 Report 07-211)

Inaccessible Areas:

- Approximate Azimuth 280 - 310 Degrees: Rattle Trap Area behind shield wall (fuel transfer canal) outside parameters for VT-VT-1.
- Approximate Azimuth 350 Degrees: Area behind cable tray outside parameters for VT-3/VT-1.
- Approximate Azimuth 360/0 Degrees: Area behind HVAC duct work outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0174

Procedure Rev.: 2

Report No.: VT-07-211

Workscope: ISI

Work Order No.: 681043

Page: 1 of 11

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-95'-119'

Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360°

System ID: MC

Component ID: RBLP-4002

Limitations: EXMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc

Light Verification Times: Cal In 1350 / 1600 / N/A Cal Out 1730

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments
	Accept	Reject	N/A		Accept	Reject	N/A	
1) Rust	—	—	—	X	—	—	X	—
2) Flaking	—	—	—	X	—	—	X	—
3) Blistering	—	—	X	—	—	—	—	X
4) Peeling	—	—	—	X	—	—	—	X
5) Chipping	—	—	—	X	—	—	—	X
6) Wear	—	—	—	X	—	—	X	—
7) Checking	—	—	X	—	—	—	X	—
8) Cracking	—	—	X	—	—	—	X	—
9) Gouges	—	—	X	—	—	—	—	X
10) Discoloration	—	—	—	X	—	—	—	—
11) Other	—	—	—	X	—	—	—	X
12) Broken Welds	—	—	—	—	—	—	—	—
13) Bulging of Liner	—	—	—	—	—	—	—	—
14) Pitting	—	—	—	—	—	—	—	X
15) Excessive Corrosion	—	—	—	—	—	—	—	X
16) Wear	—	—	—	—	—	—	—	X
17) ARC Strikes	—	—	—	—	—	—	X	—
18) Dents	—	—	—	—	—	—	X	—
19) Surface Discontinuities	—	—	—	—	—	—	X	—
20) Other	—	—	—	—	—	—	—	X

Comments:

SEE SUPPLEMENTAL REPORT

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/5/2007	Joe Lese, PE	<i>Joe Lese</i>	11-16-07
Blanc, Marc J.	II	<i>M. Blanc</i>	11/5/2007	Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	N/A			ANII Review	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-211

Page: 2 of 11

Summary No.: E1.12.0174

Examiner: <u>Komara, Bernard P. BPC</u>	Level: <u>III</u>	Reviewer: <u>John J. Lutz</u>	Date: <u>11/15/07</u>
Examiner: <u>LeBlanc, Marc J. MSJ</u>	Level: <u>II</u>	Site Review: <u>Rick P. ... QIP</u>	Date: <u>1/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>TWU T/M</u>	Date: _____

Comments:

Penetrations associated with Plate: PEN-413, PEN-414, PEN-415, PEN-416, PEN-424, PEN-425, PEN-426, PEN-427, PEN-429, PEN-430, PEN-434, PEN-435, PEN-439, PEN-440, PEN-441, PEN-442.

Item #1 (Reference Page 1 – Condition 01, 02): Approximate Elevation 95' – 119'. Approximate Azimuth 275 Degrees. Rust, flaking. (See VT-3 Report 07-083). VT-1 determined that light to medium general corrosion of the coated liner exists behind the shield wall between the incore room and the new letdown cooler room. Previously, this gap area was packed with foam which has since been removed. The horizontal test channel in this area exhibits medium general corrosion which has resulted in flaking of the paint. The area affected is approximately 14' L X 36" W.

Item #2 (Reference Page 1 – Condition 1): Approximate Elevation 95' – 106'. Approximate Azimuth 309 - 310 Degrees. Rust. (See VT-3 Report 07-083). VT-1 determined that light to medium general corrosion of the coated liner exists behind the shield wall leading into the incore room. Previously, this gap area was packed with foam which has since been removed. The horizontal test channel in this area exhibits medium to heavy general corrosion which has resulted in coating loss. The area affected is approximately 11' L X 36" W.

Item #7 (Reference Page 1 – Condition 11): Approximate Elevation 116'. Approximate Azimuth 278 Degrees. Other – tape on liner (2 locations). (See VT-3 Report 07-083). VT-1 determined that degradation has not occurred adjacent to the areas identified. Each piece of tape is approximately 18" L X 2" W.



Supplemental Report

Report No.: VT-07-211

Page: 3 of 11

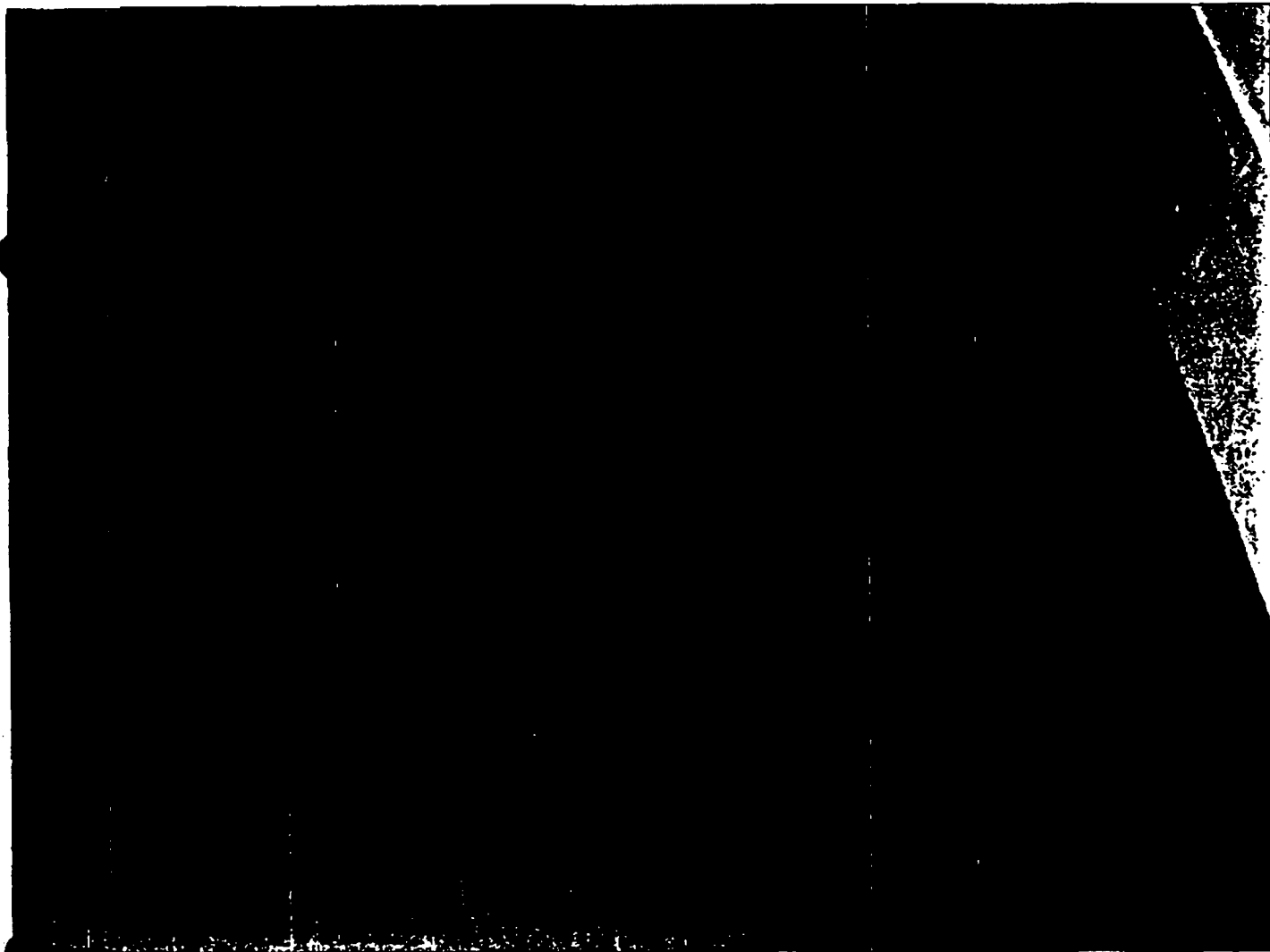
Summary No.: E1.12.0174

Examiner: <u>Komara, Bernard P. <i>APK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>Joe</i></u>	Date: <u>11-15-07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJC</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments: Item #3 (Reference Page 1 – Condition 04): Approximate Elevation 107'. Approximate Azimuth 335 Degrees. Peeling. (See VT-3 Report 07-083). VT-1 determined that in most cases, the top coat has separated from the base coat; whereas in other cases, separation of the coating has exposed bare metal. Light rust has occurred in those locations where base metal has been exposed. No wastage has occurred in these areas.

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-1.JPG

POOR QUALITY COPY





Supplemental Report

Report No.: VT-07-211

Page: 4 of 11

Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPK* Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11-15-07

Examiner: LeBlanc, Marc J. *MSL* Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A Level: N/A

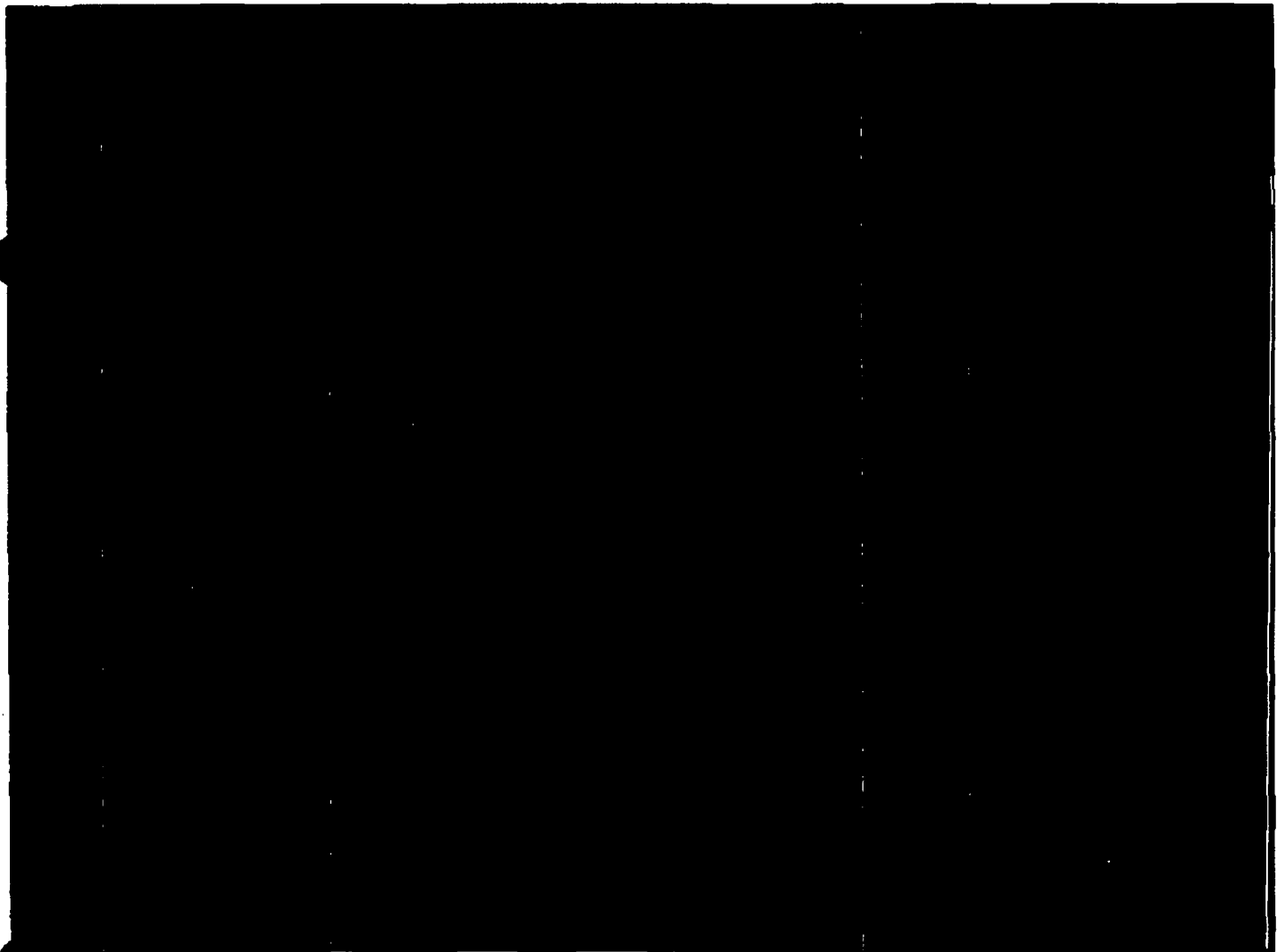
ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments: Item #4 (Reference Page 1 – Condition 04): Approximate Elevation 118'. Approximate Azimuth 295 Degrees. Peeling. (See VT-3 Report 07-083). VT-1 determined that the top and base coats have separated from the liner plate at a horizontal seam weld. Light rust has occurred in those locations where base metal has been exposed. No wastage has occurred in these areas. The area affected is approximately 5' L X 4" W.

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-2.JPG

POOR QUALITY COPY





Supplemental Report

Report No.: VT-07-211

Page: 5 of 11

Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPIC* Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11-16-07

Examiner: LeBlanc, Marc J. *MTL* Level: II

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A Level: N/A

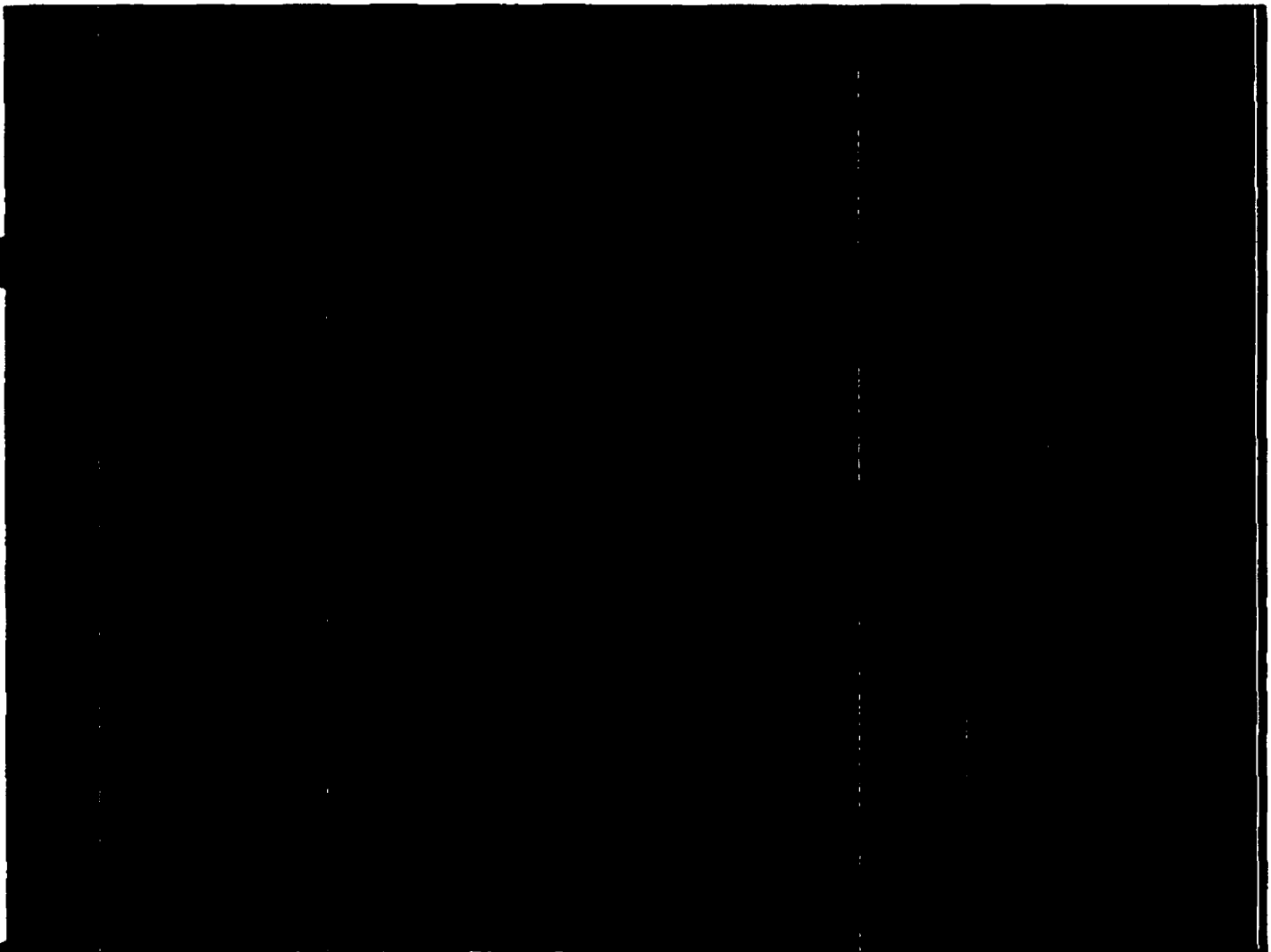
ANII Review: Tom Wyatt, ANII *TW*

Date: 12/11/07

Comments: Item #5 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 95' – 119'. Approximate Azimuth 270 – 360 Degrees. Multiple areas of rust. (See VT-3 Report 07-083). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" – 2" in area or diameter.

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-3.JPG

POOR QUALITY COPY





Supplemental Report

Report No.: VT-07-211
Page: 6 of 11

Summary No.: E1.12.0174

Examiner:	<u>Komara, Bernard P. <i>APK</i></u>	Level:	<u>III</u>	Reviewer:	<u>Joe Lese, PE <i>JL</i></u>	Date:	<u>11-15-07</u>
Examiner:	<u>LeBlanc, Marc J. <i>MSL</i></u>	Level:	<u>II</u>	Site Review:	<u>Rick Portmann <i>RIP</i></u>	Date:	<u>11/27/07</u>
Other:	<u>N/A</u>	Level:	<u>N/A</u>	ANII Review:	<u>Tom Wyatt, ANII <i>TW</i></u>	Date:	<u>12/1/07</u>

Comments: Item #6 (Reference Page 1 – Condition 10): Approximate Elevation 114' – 119'. Approximate Azimuth 340 – 345 Degrees. Discoloration. (See VT-3 Report 07-083). VT-1 determined that degradation to the liner or coating has not occurred in the area identified. Discoloration appears to be due to previous spillage.

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-4.JPG



Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: *Joe P. Lane Job*

Date: 11.15.07

Examiner: LeBlanc, Marc J. *MJC*

Level: II

Site Review: *Rick Patman RLP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: *T.W.W.*

Date: 12/11/07

Comments: Item #8 (Reference Page 1 – Condition 15): Approximate Elevation 95'. Approximate Azimuth 285 Degrees. Excessive corrosion. (See VT-3 Report 07-083). VT-1 determined that medium general corrosion with wastage of the coated liner exists at the moisture barrier to liner interface behind the shield wall between the incore room and the new letdown cooler room. Previously, this gap area was packed with foam which has since been removed. The area affected is approximately 36" L X 36" W. Depth of pits (wastage) was measured at 1/32" maximum with a pit gage.

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-5.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-211
Page: 8 of 11

Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: *Joe A. Lee*

Date: *11-15-07*

Examiner: LeBlanc, Marc J. *MJL*

Level: II

Site Review: *Kevin P. ...*

Date: *11/22/07*

Other: N/A

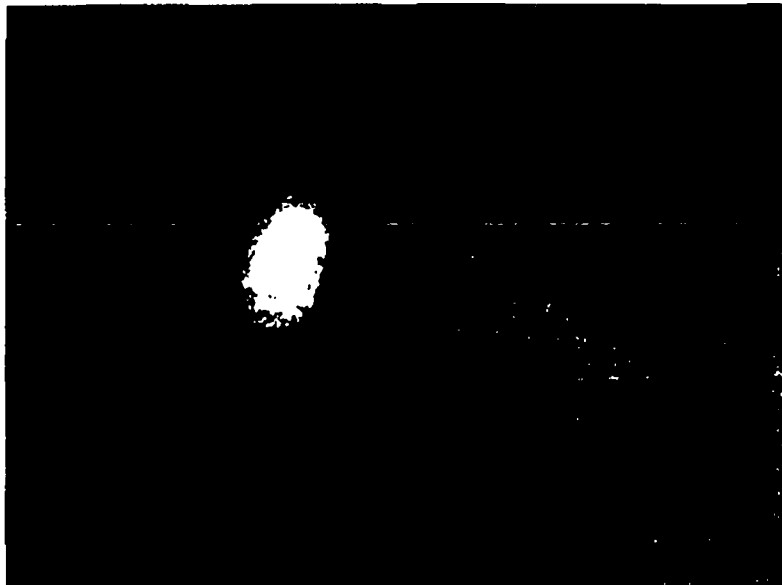
Level: N/A

ANII Review: *T.W. ...*

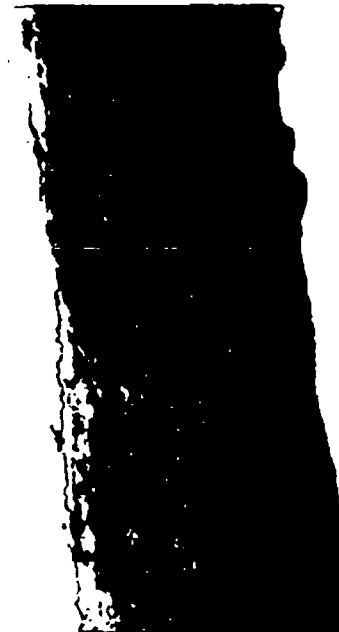
Date: *12/1/07*

Comments: **PHOTOS ASSOCIATED WITH ITEM #8.**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-6.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-7.JPG



Vertical text on the right side of the page, possibly a page number or reference.



Supplemental Report

Report No.: VT-07-211

Page: 9 of 11

Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: *Joe A. Lutz* *JAL*

Date: 11.15.07

Examiner: LeBlanc, Marc J. *MJC*

Level: II

Site Review: *Rick Coarman* *RC*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: *Travis* *T*

Date: 11/1/07

Comments: Item #9 (Reference Page 1 - Condition 15): Approximate Elevation 95'. Approximate Azimuth 310 Degrees. Excessive corrosion. (See VT-3 Report 07-083). VT-1 determined that medium general corrosion with wastage of the coated liner exists at the moisture barrier to liner interface behind the shield wall leading into the Incore room. Previously, this gap area was packed with foam which has since been removed. The area affected is approximately 36" L X 36" W. Depth of pits (wastage) was measured at 1/32" maximum with a pit gage.

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-8.JPG



FOR QUALITY CONTROL



Supplemental Report

Report No.: VT-07-211
Page: 10 of 11

Summary No.: E1.12.0174

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE *JL*

Date: 11.15.07

Examiner: LeBlanc, Marc J. *MJL*

Level: II

Site Review: Rick Portmann *RP*

Date: 11/20/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

Date: 12/1/07

Comments: **PHOTOS ASSOCIATED WITH ITEM #9.**

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-9.JPG



Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-10.JPG



POOR QUALITY COPY



Supplemental Report

Report No.: VT-07-211

Page: 11 of 11

Summary No.: E1.12.0174

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE <i>JL</i></u>	Date: <u>11.15.07</u>
Examiner: <u>LeBlanc, Marc J. <i>MJL</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11.22.07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>1.24.10.07</u>

Comments: Item #10 (Reference Page 1 – Condition 15): Approximate Elevation 101'. Approximate Azimuth 310 Degrees. Excessive corrosion. (See VT-3 Report 07-083). VT-1 determined that medium to heavy general corrosion with wastage of the test channel exists behind the shield wall leading into the incore room. Previously, this gap area was packed with foam which has since been removed. The area affected is approximately 12" L X 4" W. Depth of pits (wastage) was measured at 1/32" maximum with a pit gage.

Sketch or Photo: L:\Engineering\Tech Services\SI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-211-11.JPG **POOR QUALITY COPY**





Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0175

Procedure Rev.: 2

Report No.: VT-07-084

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360°

System ID: MC

Component ID: RBLP-4003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1000 / 1300 / 1400 Cal Out 1650

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	—	X	—	—	12) Broken Welds	X	—	—
2) Flaking	—	X	—	—	13) Bulging of Liner	—	X	—
3) Blistering	X	—	—	—	14) Pitting	X	—	—
4) Peeling	X	—	—	—	15) Excessive Corrosion	X	—	—
5) Chipping	—	X	—	—	16) Wear	—	X	—
6) Wear	—	X	—	—	17) ARC Strikes	X	—	—
7) Checking	X	—	—	—	18) Dents	X	—	—
8) Cracking	X	—	—	—	19) Surface Discontinuities	X	—	—
9) Gouges	X	—	—	—	20) Other	—	—	X
10) Discoloration	—	X	—	—				
11) Other	—	—	X	—				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV 2. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level III	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.		<i>B.P. Komara</i>	11/12/2007	Joe Lese, PE	<i>Joe Lese</i>	11.22.
Examiner	Level N/A	Signature	Date	Site Review	Signature	Date
N/A				Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level N/A	Signature	Date	ANII Review	Signature	Date
N/A				Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/10/07



Supplemental Report

Report No.: VT-07-084
Page: 2 of 2

Summary No.: E1.12.0175

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

Penetrations associated with Plate: PEN-401, PEN-402, PEN-403, PEN-404, PEN-405, PEN-406, PEN-407, PEN-408, PEN-409, PEN-410, PEN-411, PEN-412, PEN-423, PEN-428, PEN-433, PEN-436

Liners associated with Plate: RBLN-4002, RBLN-4003, RBLN-4004, RBLN-4005, RBLN-4006, RBLN-4007, RBLN-4008, RBLN-4009.

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Rust, chipping, wear. (See VT-1 Report VT-07-310)

Item #2 (Reference Page 1 – Condition 13). Bulging of liner. (See VT-1 Report VT-07-310)

Item #3 (Reference Page 1 – Condition 02): Flaking. (See VT-1 Report VT-07-310)

Item #4 (Reference Page 1 – Condition 10): Discoloration. (See VT-1 Report VT-07-310)

Inaccessible Areas:

•Approximate Azimuth 280 – 310 Degrees: Rattle Trap Area behind shield wall (fuel transfer canal) outside parameters for VT-3/VT-1.

•Approximate Azimuth 335 Degrees: Area under deck plate in personnel hatch.

•Approximate Azimuth 355 - 0 Degrees: Area behind Elevator outside parameters for VT-3/VT-1.



Visual Examination of IWE Surfaces (VT-1)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0175

Procedure Rev.: 2

Report No.: VT-07-310

Workscope: ISI

Work Order No.: 681043

Page: 1 of 5

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-119'-160'

Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360°

System ID: MC

Component ID: RBLP-4003

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1000 / 1300 / 1400 Cal Out 1650

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

Coated Areas

Non-Coated Areas

	Coated Areas			See Comments	Non-Coated Areas			See Comments	
	Accept	Reject	N/A		Accept	Reject	N/A		
1) Rust	—	—	—	<input checked="" type="checkbox"/>	12) Broken Welds	—	—	<input checked="" type="checkbox"/>	—
2) Flaking	—	—	—	<input checked="" type="checkbox"/>	13) Bulging of Liner	—	—	—	<input checked="" type="checkbox"/>
3) Blistering	—	—	<input checked="" type="checkbox"/>	—	14) Pitting	—	—	<input checked="" type="checkbox"/>	—
4) Peeling	—	—	<input checked="" type="checkbox"/>	—	15) Excessive Corrosion	—	—	<input checked="" type="checkbox"/>	—
5) Chipping	—	—	—	<input checked="" type="checkbox"/>	16) Wear	—	—	—	<input checked="" type="checkbox"/>
6) Wear	—	—	—	<input checked="" type="checkbox"/>	17) ARC Strikes	—	—	<input checked="" type="checkbox"/>	—
7) Checking	—	—	<input checked="" type="checkbox"/>	—	18) Dents	—	—	<input checked="" type="checkbox"/>	—
8) Cracking	—	—	<input checked="" type="checkbox"/>	—	19) Surface Discontinuities	—	—	<input checked="" type="checkbox"/>	—
9) Gouges	—	—	<input checked="" type="checkbox"/>	—	20) Other	—	—	<input checked="" type="checkbox"/>	—
10) Discoloration	—	—	—	<input checked="" type="checkbox"/>					
11) Other	—	—	<input checked="" type="checkbox"/>	—					

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. THE FOLLOWING CHANGES TO PREVIOUSLY IDENTIFIED CONDITIONS NOTED (SEE SUPPLEMENTAL REPORT)

Results: Accept Reject Eval

NCR # 257242

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: _____

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	III	<i>B.P. Komara</i>	11/12/2007	Joe Lese, PE		
Examiner	Level	Signature	Date	Site Review	Signature	Date
N/A	N/A			Rick Portmann	<i>Rick Portmann</i>	11/22/07
Other	Level	Signature	Date	ANII Review	Signature	Date
N/A	N/A			Tom Wyatt, ANII	<i>Tom Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-310

Page: 2 of 5

Summary No.: E1.12.0175

Examiner: <u>Komara, Bernard P. <i>APC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RJP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/11/07</u>

Comments:

Item #1 (Reference Page 1 – Condition 01, 05, 06, 16): Approximate Elevation 119' – 160'. Approximate Azimuth 270 – 360 Degrees. Multiple areas of rust. (See VT-3 Report VT-07-084). VT-1 determined that wastage corrosion has not occurred in the areas identified. The rust is a result of failure of the liner coating primarily due to mechanical impact (chipping) and abrasion (wear). Most areas are 1/2" – 2" in area or diameter.

Item #2 (Reference Page 1 – Condition 13): Approximate Elevation 140'. Approximate Azimuth 315 Degrees. Bulging of liner. (See VT-3 Report VT-07-084). VT-1 determined that dimension of bulge area is as follows:

a) 36" L X 12" W

No degradation such as rust or deterioration of the liner was noted.

Item #3 (Reference Page 1 – Condition 02): Approximate Elevation 119' - 125'. Approximate Azimuth 323 Degrees. Flaking. (See VT-3 Report VT-07-084). VT-1 determined that flaking of paint on the RB side of the Personnel Hatch (PEN 433) door is primarily the result of failure of the coating primarily due to mechanical impact. No degradation such as heavy rust or metal wastage was noted.

Item #4 (Reference Page 1 – Condition 10): Approximate Elevation 119' - 125'. Approximate Azimuth 323 Degrees. Discoloration. (See VT-3 Report VT-07-084). VT-1 determined that discoloration of paint on the Personnel Hatch (PEN 433) surface is primarily the result of spillage/contact of grease, oil, anti-seize onto the coating primarily due to coincidental contact with tools, gloves, equipment, etc. No degradation such as heavy rust or metal wastage was noted.



Supplemental Report

Report No.: VT-07-310
Page: 3 of 5

Summary No.: E1.12.0175

Examiner: <u>Komara, Bernard P. <i>BPIC</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lase, PE</u>	Date: _____
Examiner: <u>N/A</u>	Level: <u>N/A</u>	Site Review: <u>Rick Portmann <i>RP</i></u>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

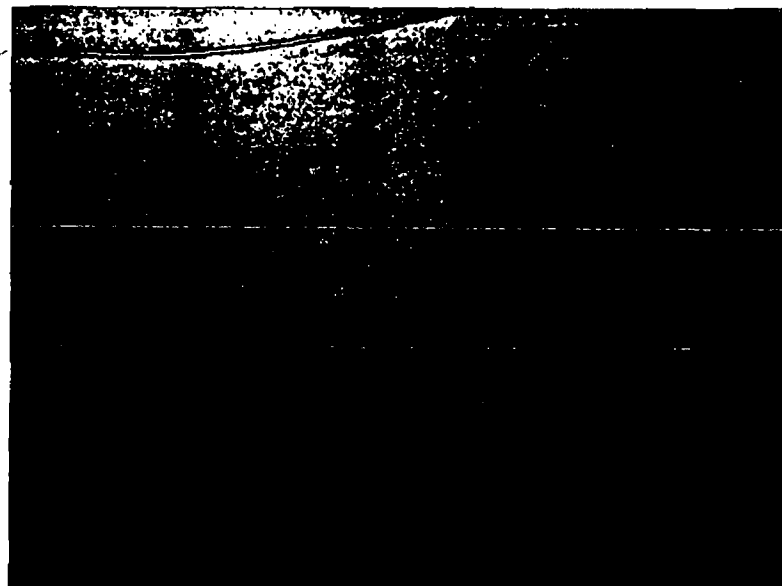
Comments: **PHOTOS ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM # 1 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-1.JPG



L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-2.JPG





Supplemental Report

Report No.: VT-07-310

Page: 4 of 5

Summary No.: E1.12.0175

Examiner: Komara, Bernard P. *BPK*

Level: III

Reviewer: Joe Lese, PE

Date: _____

Examiner: N/A

Level: N/A

Site Review: Rick Portmann *RCIP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

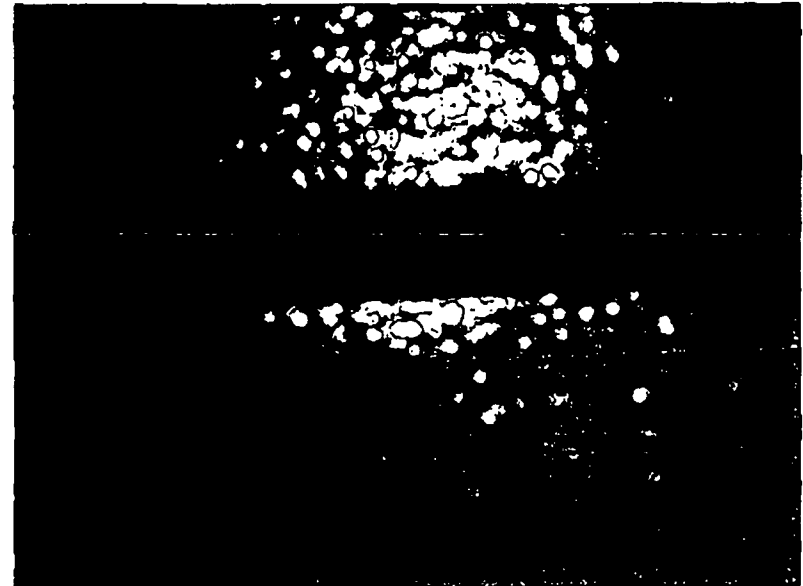
Date: 12/1/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 1 (LEFT) AND ITEM # 3 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-3.JPG

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-4.JPG





Supplemental Report

Report No.: VT-07-310

Page: 5 of 5

Summary No.: E1.12.0175

Examiner: Komara, Bernard P. *BPIC*

Level: III

Reviewer: Joe Lese, PE

Date: _____

Examiner: N/A

Level: N/A

Site Review: Rick Portmann *RP*

Date: 11/22/07

Other: N/A

Level: N/A

ANII Review: Tom Wyatt, ANII *TW*

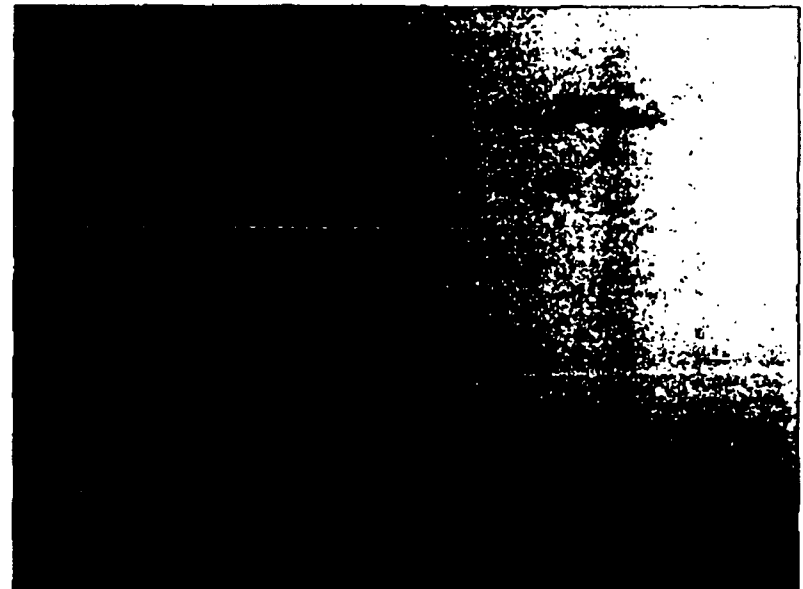
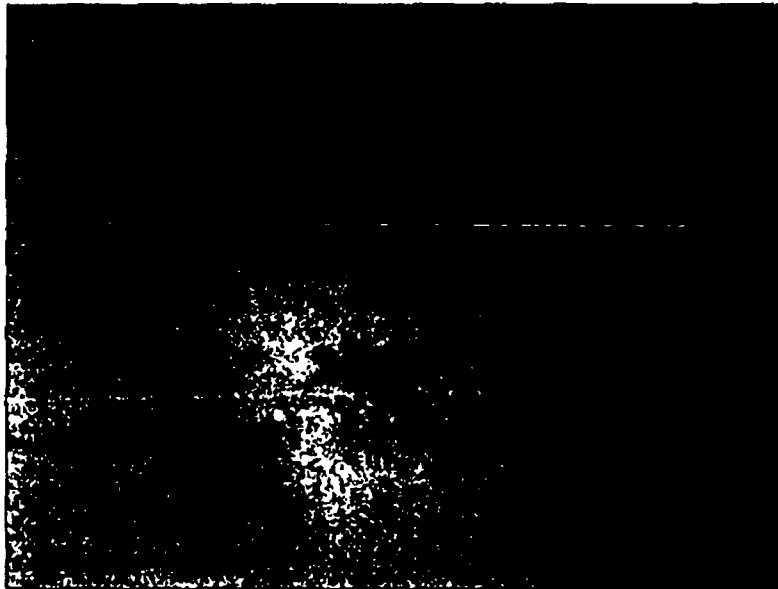
Date: 12/1/07

Comments: **PHOTOS ASSOCIATED WITH ITEM # 4 (LEFT) AND ITEM # 4 (RIGHT)**

POOR QUALITY COPY

Sketch or Photo: L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-5.JPG

L:\Engineering\Tech Services\ISI IWE & IWL\Photos\2007 R15 IWE Photos\VT-07-310-6.JPG





Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3

Procedure: NDEP-0620

Outage No.: RFO15-IWE

Summary No.: E1.12.0176

Procedure Rev.: 2

Report No.: VT-07-085

Workscope: ISI

Work Order No.: 681043

Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-160'-242'

Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360°

System ID: MC

Component ID: RBLP-4004

Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found

Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.

Inspected From: Inside Containment Outside Containment Both

Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200ftc

Light Verification Times: Cal In 1245 / 1530 / N/A Cal Out 1800

Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. PREVIOUS DATA VERIFIED, NO CHANGES NOTED.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
LeBlanc, Marc J.	II	<i>[Signature]</i>	11/20/2007	Joe Lese, PE	<i>[Signature]</i>	11/22/07
Bonnier, Jason B.	II	<i>[Signature]</i>	11/20/2007	Rick Portmann	<i>[Signature]</i>	11/22/07
N/A	N/A			Tom Wyatt, ANII	<i>[Signature]</i>	12/1/07



Supplemental Report

Report No.: VT-07-085

Page: 2 of 2

Summary No.: E1.12.0176

Examiner: <u>LeBlanc, Marc J.</u> <i>MJC</i>	Level: <u>II</u>	Reviewer: <u>Joe Lese, PE</u> <i>JL</i>	Date: <u>11/22/07</u>
Examiner: <u>Sonnier, Jason B.</u> <i>JBS</i>	Level: <u>II</u>	Site Review: <u>Rick Portmann</u> <i>RP</i>	Date: <u>11/22/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII</u> <i>TW</i>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-4001, RBLN-4010, RBLN-4011, RBLN-4012, RBLN-4013, RBLN-4014, RBLN-4015, RBLN-4016, RBLN-4017, RBLN-4018, RBLN-4019, RBLN-4020, RBLN-4021, RBLN-4022, RBLN-4023, RBLN-4024, RBLN-4025, RBLN-4026, RBLN-4027, RBLN-4028, RBLN-4029, RBLN-4030, RBLN-4031, RBLN-4032, RBLN-4033, RBLN-4034, RBLN-4035, RBLN-4036, RBLN-4037, RBLN-4038, RBLN-4039, RBLN-4040, RBLN-4041, RBLN-4042, RBLN-4043, RBLN-4044, RBLN-4045, RBLN-4046, RBLN-4047, RBLN-4048, RBLN-4049, RBLN-4050, RBLN-4051, RBLN-4052, RBLN-4053, RBLN-4054, RBLN-4055, RBLN-4056, RBLN-4057, RBLN-4058, RBLN-4059, RBLN-4060, RBLN-4061, RBLN-4062, RBLN-4063, RBLN-4064, RBLN-4065, RBLN-4066, RBLN-4067, RBLN-4068, RBLN-4069, RBLN-4070, RBLN-4071, RBLN-4072, RBLN-4073, RBLN-4074, RBLN-4095, RBLN-4096, RBLN-4097, RBLN-4098.



Visual Examination of IWE Surfaces (VT-3)

Site/Unit: CR3 / 3 Procedure: NDEP-0620 Outage No.: RFO15-IWE
 Summary No.: E1.12.0177 Procedure Rev.: 2 Report No.: VT-07-086
 Workscope: ISI Work Order No.: 681043 Page: 1 of 2

Code: ASME 1992 Ed. Thru 92 Ad. Cat./Item: E-A/E1.12 Location: RB-242'-250'
 Drawing No.: S-525-005 Description: RB Wall Liner Plate - 270° to 360° / Crane Runaway Supt Gallery
 System ID: MC
 Component ID: RBLP-4005
 Limitations: EXAMINED ALL ACCESSIBLE AREAS

Resolution: 1/32" Line Surface Condition: As Found
 Visual Equipment/Aids: Flashlight, 6" Scale, Binoculars, Tape Measure, Spotlight.
 Inspected From: Inside Containment Outside Containment Both
 Light Meter Mfg.: GE Lighting Serial No.: 0699 (TI-3375) Illumination: > 200fc
 Light Verification Times: Cal In 1400 / 1500 / N/A Cal Out 1630
 Visual Examination: Direct/Remote

Vent System Or Containment Surfaces

	Coated Areas <input checked="" type="checkbox"/>				Non-Coated Areas <input checked="" type="checkbox"/>			
	Accept	Reject	N/A	See Comments	Accept	Reject	N/A	See Comments
1) Rust	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12) Broken Welds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Flaking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13) Bulging of Liner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Blistering	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	14) Pitting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4) Peeling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	15) Excessive Corrosion	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5) Chipping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6) Wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	17) ARC Strikes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7) Checking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	18) Dents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8) Cracking	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19) Surface Discontinuities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9) Gouges	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10) Discoloration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
11) Other	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

Comments:

ADDITIONAL REFERENCING PROCEDURE; NAP-02, REV. 2. NO CHANGE NOTED FROM PREVIOUS DATA.

Results: Accept Reject Eval

Percent Of Coverage Obtained > 90%: N/A

Reviewed Previous Data: Yes

Examiner	Level	Signature	Date	Reviewer	Signature	Date
Komara, Bernard P.	Level III	<i>B.P. Komara</i>	11/21/2007	Joe Lese, PE	<i>J. Lese</i>	11/23/07
plechain, Lenus F.	Level II	<i>L. Plechain</i>	11/21/2007	Site Review Rick Portmann	<i>R. Portmann</i>	11/23/07
er	Level N/A	Signature	Date	ANII Review Tom Wyatt, ANII	<i>T. Wyatt</i>	12/1/07



Supplemental Report

Report No.: VT-07-086

Page: 2 of 2

Summary No.: E1.12.0177

Examiner: <u>Komara, Bernard P. <i>BPK</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LD</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TW</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-4075, RBLN-4076, RBLN-4077, RBLN-4078, RBLN-4079, RBLN-4080, RBLN-4081, RBLN-4082, RBLN-4083, RBLN-4084, RBLN-4085, RBLN-4086, RBLN-4087, RBLN-4088, RBLN-4089, RBLN-4090, RBLN-4091, RBLN-4092, RBLN-4093, RBLN-4094



Supplemental Report

Report No.: VT-07-087

Page: 2 of 2

Summary No.: E1.12.0178

Examiner: <u>Komara, Bernard P. <i>BPIL</i></u>	Level: <u>III</u>	Reviewer: <u>Joe Lese, PE</u>	Date: _____
Examiner: <u>Duplechain, Lenus F. <i>LJ</i></u>	Level: <u>II</u>	Site Review: <u>Rick Portmann <i>RIP</i></u>	Date: <u>11/23/07</u>
Other: <u>N/A</u>	Level: <u>N/A</u>	ANII Review: <u>Tom Wyatt, ANII <i>TWR</i></u>	Date: <u>12/1/07</u>

Comments:

Liners associated with Plate: RBLN-4500, RBLN-4501, RBLN-4502, RBLN-4503, RBLN-4504, RBLN-4505, RBLN-4506, RBLN-4507, RBLN-4508, RBLN-4509, RBLN-4510, RBLN-4511, RBLN-4512, RBLN-4513, RBLN-4514, RBLN-4515, RBLN-4516, RBLN-4517, RBLN-4518, RBLN-4519, RBLN-4520, RBLN-4521, RBLN-4522, RBLN-4523, RBLN-4524, RBLN-4525, RBLN-4526, RBLN-4527, RBLN-4528, RBLN-4529, RBLN-4530, RBLN-4531, RBLN-4532, RBLN-4533, RBLN-4534, RBLN-4535, RBLN-4536, RBLN-4537, RBLN-4538, RBLN-4539, RBLN-4540, RBLN-4541, RBLN-4542, RBLN-4543, RBLN-4544, RBLN-4545, RBLN-4546, RBLN-4547, RBLN-4548, RBLN-4549, RBLN-4550, RBLN-4551, RBLN-4552, RBLN-4553, RBLN-4554, RBLN-4555, RBLN-4556, RBLN-4557, RBLN-4558, RBLN-4559, RBLN-4560, RBLN-4561, RBLN-4562, RBLN-4563, RBLN-4564, RBLN-4565, RBLN-4566, RBLN-4567