Problem Report 97-1781

RType G7.07

PROBLEM REPORT

PROBLEM REPORT CLOSURE SHEET

Use of this form is not required.

Closure Justification: Check one or more of the following and/or provide additional information as required:

✓ Evaluation and Corrective Action Complete

____ See Evaluation Response

____ See Corrective Action Response

____ This issue will be addressed by PR# ____

____ This issue will be/has been addressed by MR# ____

____ Other (See below)

Trending ✓ HPI ____ EF ____ No Trend

Closed By [signature] Signature 10/5/98 Date

PR Data Entry Completed/Captured K. Buckley Signature 10/6/98 Date

ENTERED

PR

Integrated Action Item Database Revision Form

PR97.1787.01 Extension: 0

EVALUATION

Date: 05/01/97

Status: OPEN closed

Responsible Manager: WHITE, T.F.

Significance: N.

Group: NESG

Priority: 90

Department: CIV MECH

Strategy:

Doc Type/Number:

Sub Department:

Title

RFO-11 EROSION-CORROSION DATA REVIEW OF INSPECTION POINT #15 HAS FOUND INSTANCES OF WALL THICKNESS INCREASES OF UP TO 0.227" WHEN COMPARING PREVIOUS OUTAGE RESULTS

Rec'd Date:	/ /	Due Date:	06/08/97
Assign Date:	05/01/97	Dead Date:	07/08/97
Start Date:	05/08/97	Completion Date:	/ /

Action

CONDUCT A DIRECT CAUSE ANALYSIS PER SECTION 6.8.2 AND ATTACHMENT 4 OF PNPS 1.3.121

Closure Requirements

COMPLETE DIRECT CAUSE ANALYSIS

Notes/Basis for Change(s) see attached

Change(s) Approved By: [signature] Manager Date: 7/18/97

Change(s) Accepted By: [signature] PR Coordinator Date: 8/12/97

ENTERED

PROBLEM REPORT

PROBLEM REPORT No.97.1787.01

EVALUATION RESPONSE

1. Problem Description: Ultrasonic thickness readings taken at separate outages to measure for erosion/corrosion displayed results which cannot be attributed to wall thinning or to nominal variations in the readings associated with the measurement technique.

These errors do not impact the acceptability of the component since there is sufficient wall thickness.

2. Apparent/Direct Cause: The most probable cause is human error associated with the measurement grid or reading the wrong signal.

3. Repeat Occurrence: _____ YES __x__ NO

4. Maintenance Rule Functional Failure: ____ YES _x___ NO ____ Unknown

5. Corrective Actions Completed (Include Dates if possible)

6. Corrective Actions Required (check "N/R" if not required) ____ N/R

FILTERED

a) Action Required Redo the examination in RFO 12.

Closure Requirement Schedule inspection point 15 for RFO 12 in Specification M-677.

Responsible Manager John Gerety

Due Date __1__/_1___/_99___ Dead Date __2__/_1___/_99___

b) Action Required

Closure Requirement

Responsible Manager

Due Date ___/___/___ Dead Date ___/___/___

7. Corrective Actions Required to Preclude Recurrence (check "N/R" if not required) ____ N/R

a) Action Required Perform greater oversight of inspectors performing erosion/corrosion examinations.

Closure Requirement Revise Quality Control Instruction 50.44 to add oversight of inspectors.

Responsible Manager Jack Alexander

Due Date ~~1/1/99~~ 10 01 97 RAM Dead Date ~~2/1/99~~ 11 01 97 RAM

b) Action Required

Closure Requirement

Responsible Manager

Due Date ___/___/___ Dead Date ___/___/___

8. Trend Data for Apparent Cause (check "N/R" for Direct Cause Analysis) _____N/R

NOTE
If more than two Inappropriate Actions are defined, use Exhibit 14.

a) Inappropriate Action (IA) Description: unusual UT results obtained during performance of errosion/corrosion exams

IA Job Title ___worker__ IA Group _____QAG IA Department __QAG_____
IA Job Title _____ IA Group ____ _____ IA Department _____

BECO _____ Contractor ___X_____

Work Process ____PM3___ Key Activity __P4_____
Work Process _____ Key Activity _____

O&P Failure Mechanism ___P4__ HEIA Failure Mechanism ___ID1_____

Human Error Type (Circle 1): Skill Based Rule Based Knowledge Based

Procedure Number(s) __OCI 60.44 Event Type __OT_____
b) Inappropriate Action (IA) Description:

IA Job Title _____ IA Group _____ IA Department _____
IA Job Title _____ IA Group _____ IA Department _____

BECO _____ Contractor _____

Work Process _____ Key Activity _____
Work Process _____ Key Activity _____

O&P Failure Mechanism _____ HEIA Failure Mechanism _____

Human Error Type (Circle 1): Skill Based Rule Based Knowledge Based

Procedure Number(s) _____ Event Type _____

9. The Significance should: _____ Be Upgraded _____ Be Downgraded __X___ Remain the Same

If applicable, the reason for the upgraded:

Completed By: ___R. Sheridan___ Date: _7/24/97____
Evaluator/Mentor

Approved By: ____R. Sheridan___ Date: _7/24/97___
Manager

PR

Integrated Action Item Database Revision Form

PR97.1787.02 Extension: 0

CA

Date: 09/28/1998

Responsible Manager:	TUCKER, J.	Status:	~~OPEN~~ closed
Group:	NESG	Significance:	N.
Department:	CIV MECH	Strategy:	Priority: 34
Sub Department:	DESIGNM	Doc Type/Number:	

Title

RFO-11 EROSION-CORROSION DATA REVIEW OF INSPECTION POINT #15 HAS FOUND INSTANCES OF WALL THICKNESS INCREASES OF UP TO 0.227" WHEN COMPARING PREVIOUS OUTAGE RESULTS

Rec'd Date:	08/12/1997	Due Date:	01/01/99
Assign Date:	08/12/1997	Dead Date:	02/01/99
Start Date:	08/19/1997	Completion Date:	/ /

Action

SCHEDULE UT FOR INSPECTION POINT 15 FOR RFO 12 IN SPEC M-577

Closure Requirements

MEMO STATING THAT ACTION IS COMPLETE.

Notes/Basis for Change(s)

NESG 98-041 PROVIDES THE LIST OF RFO12 EROSION-CORROSION INSPECTION LOCATIONS. BASED ON THIS LIST MR 19801062 WAS ISSUED TO INSPECT POINT #15. Please close this PR. Wetherell

Change(s) Approved By: [signature] for N. Wetherell Date: 11/28/98
Manager

Change(s) Accepted By: [signature] Date: 11/10/01/98
PR Coordinator

ENTERED

PR Integrated Action and Database Revision Form

PR97.1757.03 Extension: 9

CA

Date: 08/12/97

Responsible Manager: ALEXANDER, J. 41 RSS Status: OPEN

Group: QAD Significance: N.

Department: Strategy: Priority: 9

Sub Department: Doc Type/Number:

Title

RFO-11 EROSION-CORROSION DATA REVIEW OF INSPECTION POINT #15 HAS FOUND INSTANCES OF WALL THICKNESS INCREASES OF UP TO 0.227" WHEN COMPARING PREVIOUS OUTAGE RESULTS

Rec'd Date:	08/12/97	Due Date:	10/01/97
Assign Date:	08/12/97	Dead Date:	11/01/97
Start Date:	08/19/97	Completion Date:	/ /

Action

REVISE QCI 50.44 TO ADD GREATER DEGREE OF OVERSIGHT OF INSPECTORS PERFORMING EROSION/CORROSION EXAMINATIONS

Closure Requirements

PROCEDURE REVISIONS MUST BE ISSUED FOR USE BY STATION PERSONNEL

Notes/Basis for Change(s)

Procedure changed and issued - action complete

Change(s) Approved By: R. Sheridan Date: 10/2/97
Manager

Change(s) Accepted By: [signature] Date: 10/3/97
PR Coordinator

ENTERED

ORIGINAL

PROBLEM REPORT

99

PROBLEM REPORT No. 97/1787

[redacted]

Originator J.A. Tucker Date of PR 4/28/97 Time of PR 11:45A

Originator's Group NESG Originator's Dept Mec

IF this problem occured at a date and time other than as above:

Date of Problem __/__/__ Time of Problem _____

Describe Problem : RFO11 Erosion-Corrosion data review of inspection point #15 has found instances of wall thickness increases of up to 0.227" (18%), when comparing previous outage results. Location: Feedwater System, outlet of E105A

and How Found : Discrepancy found while importing inspection result data into CHECWORKS Erosion-Corrosion model.

Work in progress _____ Procedure Number in use _____

PRType (Circle one): HP = Human Performance, EP = Equipment Performance, UN = Unknown

For Organizational, Programmatic, or Human Performance Related problems, provide the following to the extent practical:

Inappropriate Action (IA) Description

IA Job Title _____ IA Group _____ IA Dept _____

HEIA Failure Mode _____ Event Type _____ (Circle one): BECO or Contractor

Key Activity being performed: _____ Org. + Programmatic Failure Mode _____

Human Error Type (Circle one): Rule Based Skill Based Knoweldge Based

IF the problem is Equipment Performance related or unknown at this time provide the following for the System, Component, or Part Involved.

	Name	Vendor	Location
System			
Component			
Part			

What is the probable (apparent/direct) cause of the problem?

Was a Work Request Tag written? YES / NO WRT# / MR# _____

Radiological Problems? YES / NO Maintenance Rule Failure? YES / NO / Unkown

NOTE

IF the Problem meets the Criteria on the back of this Page, immediately hand carry this form to the NWE or RPM as appropriate and/or refer to PNPS 1.3.121 "Problem Report Program" step 6.1 [4].

EF HP1

Problem Report 97.127

ORIGINAL

PROBLEM REPORT

RType G7.07

SCREENING REVIEW

1. ___ N/A Findings:
   - ___ Comparable internal problems or recurring deficiencies
   - ___ Comparable external (OER and NPRDS) problems
   - ___ Duplicate problem (exact)
   - ___ Adverse trend (preliminary)
   - ___ None specifically for this event

2. ___ N/A Significance:

   ___ SCAQ ✓ Non-SCAQ

Plant Group Manager Present ___ Yes ✓ No
(if NO and/or PR is determined to be a SCAQ, then complete Attachment 11 of PNPS 1.3.121)

3. ___ N/A Recommendation:

   ✓ Accept ___ Reject ___ Incorporate into PR AI # _____

4. ___ N/A Disposition:
   - ___ Critique
   - ___ RCA
   - ✓ Evaluation DIRECT CAUSE - MEGA.
   - ___ Corrective Action
   - ___ Close
   - ___ 10CFR21 Applicability Review
   - ___ 10CFR50.73 Review
   - ___ NUCLEAR NETWORK

5. Submitted: [signature] Date: 4/30/97
   OST Screening

6. Approved: [signature] Date: 1 MAY 97
   Operations Department Manager

REMARKS/COMMENTS: _____

IADB REPORT BY OWNER [SF] 06/03/1998 1 0 2 1 5 NESG GROUP CIV MECH DEPARTMENT DESIGNM SUB DEPARTMENT

'PR' = UPPER(SRC_CODE) .AND. 'OPEN' = UPPER(STATUS) .AND.'CIV MECH' = UPPER(DIVISION)

6/15/98

Assigned Owner	IADB ID	Title	Sig	Received / Assigned	Due / Dead	Completed	Age	Act Type
TUCKER, J.	PR94.0372.07	CONDENSATE DEMIN VENT IN TIP ROOM OVERFLOWED CAUSING ROOM CONTAMINATION 50-100K. (Sched FPN/DCN)	1	10/31/1997 / 10/31/1997	03/30/1998 / 04/30/1998	/ /	217	CA
Status OPEN	Strat	Plt Cond		System		Priority ?1	Extension	1
CAT. 3, close to CA, extend 9/30				Doc Type/Numb RPR				
TUCKER, J.	PR96.0282.07	SETPOINT CALCULATION I-N1-26 "PS8120 SETPOINT CALCULATION" CONSIDERED ONLY THE AIR VOLUME REQUIRED TO CYCLE EACH OF THE 4 SBGT DAMPERS 4 TIMES AND A LEAKAGE RATE OF LESS THAN 0.1 SCF PER DAY IN SELECTING THE CURRENT SETPOINT FOR PS-8120 (FRN to add accumulator)	2	04/15/1998 / 04/15/1998	07/01/1998 / 08/01/1998	/ /	51	CA
Status OPEN	Strat	Plt Cond		System		Priority ?1	Extension	0
Cat. 2, close to CA, extend 9/30				Doc Type/Numb				
TUCKER, J.	PR97.0944.04	SERVICE WATER CHLORINE MONTORING SYSTEM HAS BEEN OUT OF SRVICE SINCE THE SWOPI TEAM DETERMINED (IN JAN 1995) THAT THE SSW VALVES TO TO THE SWOMS HAD TO BE NORMALY CLOSED. IT IS NOT CLEAR WHETHER THIS SYS. CAN OR SHOULD BE REACTIVATED. (recommend)	N.	09/18/1997 / 09/18/1997	06/30/1998 / 07/30/1998	/ /	260	CA
Status OPEN	Strat	Plt Cond		System		Priority ?1	Extension	1
cat. 3, close to CA, extend 9/30				Doc Type/Numb				
TUCKER, J.	PR97.1767.02	RFO-11 EROSION-CORROSION DATA REVIEW OF INSPECTION POINT #15 HAS FOUND INSTANCES OF WALL THICKNESS INCREASES OF UP TO 0.227" WHEN COMPARING PREVIOUS OUTAGE RESULTS (Schedule and perform UT for pt 15 in RFO 12 in Spec. M	N.	08/12/1997 / 08/12/1997	01/01/99 / 02/01/99	/ /	297	CA
Status OPEN	Strat	Plt Cond		System		Priority ?6	Extension	6
cat. 3, close to CA				Doc Type/Numb				
TUCKER, J.	PR97.3425.01	AEPR ISSUED AS A RESULT OF SELF-ASSESSMENT OF MECHANICAL/CIVIL CALCULATIONS	N.	12/02/1997 / 12/02/1997	05/01/1998 / 06/01/1998	/ /	185	CA
Status OPEN	Strat	Plt Cond		System		Priority ?0	Extension	1
cat 3, close to CA, extend 9/30				Doc Type/Numb				
TUCKER, J.	PR97.3615.02	DURING OPERATOR WORKAROUND PROCEDURE REVIEW, SEVERAL CAUTIONS TO PREVENT THERMAL GRINDING AND BONNET OVERPRESSURE OF RHR VALVES WERE NOTED (MO, 001-50)	N.	03/13/1998 / 03/13/1998	06/01/1998 / 07/01/1998	/ /	84	CA
CAT. 2, close to CA, extend 9/30								

AVERAGE AGE: 182.33333333

PR

Integrated Action Item Database Revision Form Date: 07/15/97

PR97.1757.01 Edition: 0

EVALUATION

Responsible Manager: SHERIDAN, R.
Division: QAD
Department: AUDIT
Sub Division:

Status: OPEN
Significance: N.
Priority: 90
Doc Type/Number:
Reference:

Title

RFO-11 EROSION-CORROSION DATA REVIEW OF INSPECTION POINT #15 HAS FOUND INSTANCES OF WALL THICKNESS INCREASES OF UP TO 0.227" WHEN COMPARING PREVIOUS OUTAGE RESULTS

Rec'd Date: / /	Due Date: ~~06/05/97~~ 8/30/97
Assign Date: 05/01/97	Dead Date: ~~07/05/97~~ 8/30/97
Start Date: 05/06/97	Completion Date: / /

Action

CONDUCT A DIRECT CAUSE ANALYSIS PER SECTION 6.6.2 AND ATTACHMENT 4 OF PNPS 1.3.121.

Closure Requirements

COMPLETE DIRECT CAUSE ANALYSIS

Notes

ENTERED

Basis for Change(s)

1) RECENT WORK ON SGW LEAK HAS PRECLUDED WORK ON THIS ISSUE

2) PROCEDURES NEED TO BE REVIEWED AND GREATER OVERSITE PROVIDED.

Change(s) Approved By: R. Sheridan for J. Alexander Date: 7/16/97
Manager

Change(s) Accepted By: A. Shatal Date: 7/16/97
PR Coordinator

NP2110DG MAINTENANCE REQUEST FILE 10/09/98
NP2100DG NEXT PAGE 1 12:51:28

---------- ORIGINATING SECTION ----------

MR # 19801062 00 TYPE N UNIT 1 DATE 5/19/98 NUC CLASS PRBLK PRI
ESR# TAG LOC NO TAG HUNG/STEAM TUN., DRYWELL, COND. BAY
STATUS P INITIALS PAL REMARKS PLANNING LEAD MR # SUPPORT N
WORK TYPE P C/R DEF TYPE MAINT SYSTEM LOADED DATE 5/19/98 TIME 12:10:46

---------- EQUIPMENT INFORMATION ----------

EQUIPMENT ID SYS.6 DESC FEEDWATER SYS 06 TRAIN
NUC CLASS NONQ LOCATION VARIOUS PWT / OPS N TRENDING N
SYSTEM ENGINEER PARDEE

---------- PROBLEM/WORK REQUESTED ----------

PERFORM UT EXAMS OF INSPECTION POINTS #15, 105 THRU 108, 205
212, 213, 217, 234, 235 AND 236. PROVIDE STAGING, INSULATION
, PIPE PREP. AS REQUIRED. CONT N
INITIATOR R. PARDEE DATE 5/19/98 NME BY DOUG PERRY DATE 5/19/98
WPT RECEIVED DATE 5/20/98 DATE WORK REQD

---------- CROSS REFERENCES ----------

MISC XREF N REJECT CODE RESP PERSON DATE
CONT NO IND SFTY NO PHONE 8429 WRT REF
PART # WRT # 00051578 RELATED TASK # NESG 98-041,PR971787

ENTER DATA OR COMPLETE TRANSACTION

11-TEXT 13-HELP 14-ALIAS 15-EXIT 16-COMMIT 17-DTL 18-QUIT 20-LIST