ATTACHMENT 12
Sheet 1 of 1

Problem Report 99.9102

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: A Waters (Signature) 11/9/00 (Date)

PR Data Entry Completed/Captured: P Buckley (Signature) 11/14/00 (Date)

PR

Integrated Action Item Database Revision Form

PR99.9102.00 Extension: 0

Date: 04/09/1999 CA

Responsible Manager: MANNING, J. 9

Status: ~~OPEN~~ close

Group: ENGINEERIN

Significance: N

Department: CIV MECH

Strategy:

Priority: y

Sub Department: DESIGNC

Doc Type/Number:

Title

NCR 99-19 FOR 2 LOOSE 2" DIA TORUS ANCHOR BOLT EXTENSIONS AT TORUS SADDLE SUPPORT BETWEEN BAYS 12 & 13 AND CORROSION OF BASEPLATES EXCEEDING 10% OF BASE METAL THICKNESS

Rec'd Date:	04/09/1999	Due Date:	05/16/1999
Assign Date:	04/09/1999	Dead Date:	06/16/1999
Start Date:	04/16/1999	Completion Date:	/ /

Action

ASSESS THE EXTEND OF CONDITION ON OTHER TORUS BOLTS AND RECOMMEND CORRECTIVE ACTION

Closure Requirements

MEMO DETAILING THE RESULTS OF THE REVIEW AND THE CORRECTIVE ACTIONS TAKEN

Notes/Basis for Change(s)

Change(s) Approved By [signature] Manager Date 11/15/99

Change(s) Accepted By [signature] PR Coordinator Date 11/22/99

Maintenance has agreed to accept an action to assess the extent of loose Torus hold down bolt extensions.

See attached for corrective actions required to perform this assessment.

ENTERED

Attachment to Pr 99.9102 :

Corrective actions for Maintenance to close-out OP 99-0016 and PR 99.9102:
For OP 99-0016:
Tighten the two loose bolt extensions found loose in NCR 99-19 to 80 +- 10 ft. lbs. in accordance with MR 19900536 . This will close OP 99-0016 and NCR 99-19;
This action is being tracked per OP 99 0016 01

AI

For PR99.9102:
Check (by hand) for loose bolt extensions, at any additional 13 locations;
If any are found loose, tighten to the same torque as above in accordance with WRT 053802 and check and tighten all remaining Torus hold down bolt extensions to the same torque and the PR can then be closed ; (MR 19950676)

If none are found loose, this is the end of the check for loose bolts and the PR can be closed..

Owner C. Sorenson
Due 9/1/99 Done 10/1/99

Nucleus has been updated.

ENTERED

NP2110MG MAINTENANCE REQUEST FILE (1 OF 5) 04/22/
NP2100DG NEXT PAGE 1 13:51:

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

MR # 19900676 00 TYPE N UNIT 1 DATE 4/16/99 NUC CLASS PRBLK PRI 3
ESR# TAG LOC NO TAG HUNG
STATUS P INITIALS SF REMARKS PLAN LEAD MR # SUPPORT N
WORK TYPE C C/R DEF TYPE MAINT SYSTEM LOADED DATE 4/16/99 TIME 14:34:0

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

EQUIPMENT ID SYS.50 DESC CONTAINMENT & REACTOR SYS 50 TRAIN
NUC CLASS Q LOCATION VARIOUS PWT / OPS N TRENDING N
SYSTEM ENGINEER MANNING

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

TEST ANY 13 BOLT EXTENSIONS FOR LOOSENESS (HAND). IF ANY
LOOSE TIGHTEN TO 80 FT-LBS. & CHECK/TIGHTEN ALL REMAINING
BOLT EXTENSIONS. IF NONE OF 13 ARE LOOSE, NO TIGHTENING CONT '
INITIATOR J. L. MANNING DATE 4/16/99 NWE RV KEVIN KENNEDY DATE 4/16/9
WPT RECEIVED DATE 4/20/99 DATE WORK REQD

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

MISC XREF N REJECT CODE RESP PERSON DATE
SEC CONT NO IND SFTY NO PHONE 7871 WRT REF
PART # WRT # 00053802 RELATED TASK # PR99.9102
ENTER DATA OR COMPLETE TRANSACTION

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

ENGINEERING EVALUATION

1. Initiating Document : PR99.9102 , OP 99-016

1A. EE 99-013

2. Affected Item (System, Structure or Component) Torus saddle hold down bolts and base plates. System #50 Containment , System #56 Structures

3. Specified Function of the Affected Item : To provide resistance to Torus uplift loading in the case of rapid steam discharge into the Suppression Pool.

4. References (In the case of Operability Evaluation inputs, review the Operability Evaluation Log for open evaluations that may affect this evaluation). No previous similar OE has been found listed in the OE log. 1) NCR 99-19, Dwgs. C1A173, C1A180, Williams Rock Anchor Catalog, Teledyne analysis #5310-23.

5. Concern : Hold down bolting system will be unable to provide design function and would be rendered inoperable

6. Recommendation

X Operable X Operable in past ☐ Not Degraded

☐ Inoperable ☐ Inoperable in past

7. Basis for Recommendation (use additional sheets as necessary) See attached.

8. Compensatory Measures/Conditions Recommended ☐ Required ☐ N/A X

9. Safety Significance (Oper. Evals only) X White ☐ Yellow ☐ Red ☐ N/A

10. Basis for Significance: Corrective action will be minor maintenance (re-tighten bolts)

Performed by: [signature] Date: 3/30/99

Reviewed by: [signature] Date: 4/5/99

Approved by: [signature] Date: 4/6/99
(Involved Department Managers)

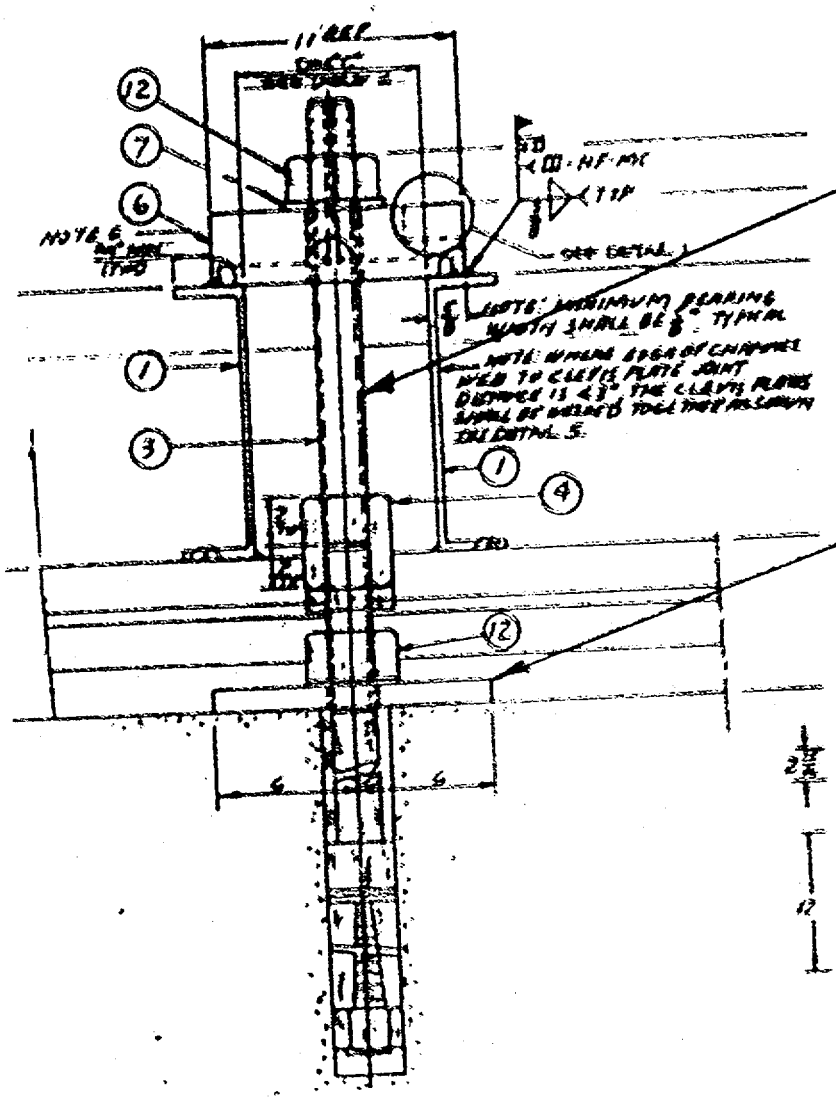
Approved by: N/A Date: _____
(ORC Chairman, if compensatory measures required)

ORC Meeting Number: N/A

Attachment to Engineering Evaluation 99-013

Basis for Recommendation:
Corroded Base Plates: The corroded base plates at the Torus hold down bolts served as a leveling aid when the hold down rock anchors were originally set. They are not included in the load path and do not participate in load resistance. Therefore the corrosion on the base plates does not affect operability.
Ground water intrusion is the probable cause of this corrosion and the effect of the ground water intrusion on the rock anchor bolts is being assessed in PR 96-0096

Loose Anchor Bolts: The loose anchor bolts are actually extensions to the rock anchors which are set in the concrete to provide resistance to Torus pull up loading emanating from steam ejection into the suppression pool during accident conditions. They are connected to the rock anchors with a threaded coupling (see drawing C1A173).
They extend up through and are connected with nuts to the Torus hold down saddles.
The degree of disengagement is minor and it is expected that virtually full thread engagement is in effect between the bolt extension and the coupling nut and no visible gap was observed at the saddle connection.
Considering the above, it is determined that these bolt extensions are providing the required load path from the rock anchors to the saddles in compliance with design requirements and are considered operable.



Rock anchor extension reported "loose"

Baseplate corrosion here

PRELIMINARY EVALUATION CHECKLIST

RType A9 02

1. **IDENTIFICATION:** Document Number *EE 99-13* Revision *0*
Description: *Engineering Evaluation Torus Bolts*

2. **CLASSIFICATION:**

X Yes ☐ No a Does the proposed change involve Q listed equipment?
☐ Yes X No b. For a new procedure, a new temporary procedure, or an intent change, does the new procedure, new temporary procedure, or the change proposed by the Intent Change contain procedural steps or requirements in the FSAR? If yes, identify FSAR sections.

Yes X No c. Is this a new procedure or temporary procedure that is Fire Protection Program related or an Intent Change that makes an existing procedure Fire Protection Program related?

3. **PRELIMINARY EVALUATION**

☐ Yes X No a. Could this modify plant characteristics or procedural steps described in the FSAR? If yes, identify section

☐ Yes X No b. Could this affect the design of systems, structures or components described in the FSAR?
☐ Yes X No c. Could this affect the function of systems, structures or components described in the FSAR?
☐ Yes X No d. Could this affect the method of performing the function of systems, structures or components described in the FSAR?
☐ Yes X No e. Could this indirectly affect the capability of safety related systems, structures or components described in the FSAR to perform their functions?
☐ Yes X No f. Could this defeat an ESF or safety system interlock described in the FSAR? **[OE 95.0120]**
☐ Yes X No g. Could this create a new test not described in the FSAR that could affect plant safety?
☐ Yes X No h. Could this change modify assumptions used in the accident analyses described in FSAR Chapter 14? If yes, identify sections:

☐ Yes X No i. Could this change affect the ability of a system required to achieve and maintain safe shutdown in the event of a fire?
☐ Yes X No j. Could this change affect a requirement of, or major commitment to, 10CFR50 Appendix R?
☐ Yes X No k. Could this change affect a requirement of IE Circular 80-18 (for Radioactive Waste Systems)?
☐ Yes X No l. Could this affect the function of systems or components required for compliance with the Limiting Conditions for Operation in the Technical Specifications?
☐ Yes X No m. In the judgment of the evaluator, is a Safety Evaluation required?

4. **SAFETY EVALUATION REQUIRED?** ☐ Yes X No
If the answer to any question in Part 3 is "Yes", then a Safety Evaluation is required prior to implementation. If a Safety Evaluation is not required, provide an explanation below: Review of the drawings, analysis, and specification for the bolts shows that the base plate corrosion and the loose bolts will not affect the design function of the hold down system or the original safety evaluation basis for the bolt modification.

GENERAL REFERENCE MATERIAL

FSAR Section	Tech Specs	Calculations/Design Specs/Procedures	Other
		Teledyne Analysis 5310-23	*Drawings C1A173, C1A180*

5. PREPARED BY: [signature] Senior Engineer Date 3/31/99
Title

APPROVED BY: [signature] Dept Mgr Date: 4/6/99
Title

Exhibit 4
NOP83E5 Rev. 14

PR

Integrated Action Item Database Revision Form

PR99.9102.01 Extension: 1

Date: 01/13/2000 CA

Responsible Manager: SORENSON, C. Status: ~~OPEN~~ Close

Group: PRODUCTION Significance: N

Department: MAINT Strategy: Priority: y0

Sub Department: Doc Type/Number:

Title

NCR 99-19 FOR 2 LOOSE 2" DIA. TORUS ANCHOR BOLT EXTENSIONS AT TORUS SADDLE SUPPORT BETWEEN BAYS 12 & 13 AND CORROSION OF BASEPLATES EXCEEDING 10% OF BASE METAL THICKNESS.

Rec'd Date:	04/23/1999	Due Date:	01/03/2000
Assign Date:	04/23/1999	Dead Date:	01/30/2000
Start Date:	04/30/1999	Completion Date:	/ /

Action

CHECK (BY HAND) FOR LOOSE BOLT EXTENSIONS. AT ANY ADDITIONAL 13 LOCATIONS. IF ANY ARE FOUND LOOSE, TIGHTEN TO THE SAME TORQUE AS ABOVE IN ACCORDANCE WITH WRT 053802 AND CHECK AND TIGHTEN ALL REMAINING TORUS HOLD DOWN BOLT EXTENSIONS TO THE SAME TORQUE AND THE PR THEN BE CLOSED. (MR19900676)

Closure Requirements

MEMO DETAILING THE RESULTS OF THE REVIEW AND THE CORRECTIVE ACTIONS TAKEN

Notes/Basis for Change(s)

(9/28/99, GALLANT, P.) PACKAGE IS SCHEDULED FOR 1/3/2000 PUSH DEAD DATE TO 1/30/2000

Change(s) Approved By: _____ Manager Date: 1/13/00

Change(s) Accepted By: _____ PR Coordinator Date: 1/13/00

19900676 has been completed with no discrepancies and is now closed.

[illegible] has been updated!

NP2110MG MAINTENANCE REQUEST FILE (1 OF 5) 01/14/00
NP2100DG NEXT PAGE 1 8:01:33

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

MR # 19900676 01 TYPE N UNIT 1 DATE 4/16/99 NUC CLASS S PRBLK PRI 3
ESR# TAG LOC NO TAG HUNG
STATUS X2 INITIALS REMARKS CLOSED LEAD MR # SUPPORT N
WORK TYPE P C/R DEF TYPE MAINT SYSTEM LOADED DATE 4/16/99 TIME 14:34:07

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

EQUIPMENT ID LIST DESC SYS TRAIN
NUC CLASS LOCATION PWT / OPS TRENDING
SYSTEM ENGINEER MANNING

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

TEST ANY 13 BOLT EXTENSIONS FOR LOOSENESS (HAND). IF ANY
LOOSE TIGHTEN TO 80 FT-LBS, & CHECK/TIGHTEN ALL REMAINING
BOLT EXTENSIONS. IF NONE OF 13 ARE LOOSE, NO TIGHTENING CONT Y
INITIATOR J. L. MANNING DATE 4/16/99 NWE RV KEVIN KENNEDY DATE 4/16/99
WPT RECEIVED DATE 4/20/99 DATE WORK REQD

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

MISC XREF N REJECT CODE RESP PERSON DATE
SEC CONT NO IND SFTY NO PHONE 7871 WRT REF
PART # WRT # 00053802 RELATED TASK # PR99.9102
ENTER DATA OR COMPLETE TRANSACTION

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

Date: 1/14/ 0 Time: 09:05:10 AM

RECEIVED
MAR 2 [illegible] 1999 E

PROBLEM REPORT

PROBLEM REPORT No. 99.9102

ORIGINATOR REPORT

Originator Richard Pardee Mail Stop 41 Telephone Extension 8429

Date of PR 3/25/99 Time of PR 1500

ORIGINAL

Originator's Dept QC Originator's Group QAG
IF this problem occured at a date and time other than as above:
Date of Problem ___/___/___ Time of Problem _____

Describe Problem and How Found :
See attached NCR# 99-19 for 2 loose 2" dia. torus anchor bolt extensions at torus saddle support between bays 12 & 13 and corrosion of baseplates exceeding 10% of base metal thickness. Problem found during scheduled Online ISI exam of containment supports.

Procedure Number(s) in use QCI 50.81 (MR#19800428)

What do you believe to be the cause of this problem?
Old corrosion of baseplates due to history of standing water in Torus Room.

Describe any corrective actions which were taken as a result of this Problem.
ISSUED NCR#99-19

ADDITIONAL INFORMATION

System Name Containment System Number 50

Component/Equipment Name Torus saddle support Component/Equipment Number _____

Was a Work Request Tag written? YES / NO WRT# / MR# 051592

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 and/or refer to PNPS 1.3.121 "Problem Report Program" step 6.1 [4].

The following will be used for Problem trending. Provide information, if known, to the extent practical:

Inappropriate Action (IA) Description: No Trend

IA Job Title _____ IA Dept _____ IA Group _____

Employer: BECO _____ Contractor _____ Frequently Performed ___Yes ___No

Work Process _____ Key Activity _____ Event Type _____

Org. + Programmatic Failure Mode _____ HEIA Failure Mode _____ Procedure _____

Human Error Type: Skill Based _____ Rule Based _____ Knowledge Based _____

0 8 2 0 1 2 2 5 4

Problem Report 99.9102

RType G7.07

PROBLEM REPORT

OPERATIONS REVIEW

All sections of this Attachment are required to be filled out. If the required information is not required (N/R), not performed (N/P), or unknown, it shall be indicated as such.

1. Plant Conditions

Reactor Mode: Run Reactor Power: 100%
Moderator Temperature (if shutdown): ____ RPV Level (if shutdown): ____
Other Pertinent Information: ____

2. Operability Evaluation - Safety Related Equipment only (enter "N/P" if not safety related)

a. System status prior to discovery of problem ✓ Operable ___ Inoperable
If inoperable, why? ____

b. Nature of Problem
___ Hardware nonconforming condition (equipment is not configured according to design documents)
✓ Hardware degraded condition (equipment is according to design but is degraded or failed)
___ Other Explain: ____

c. Does this problem in and of itself make the system, structure, or component inoperable? Provide Operability Evaluation number, if applicable. OE# 99-16

(1) Structure or Component ✓ Operable ___ Inoperable
Basis for operability (not required if inoperable)
See Attached OE

(2) System ✓ Operable ___ Inoperable
Basis for operability (not required if inoperable)
See Attached OE

d. If the answer to c(1) or c(2) is inoperable, then add this Problem Report number to the appropriate LCO (Active or Tracking).
LCO number: N/A

3. Availability Evaluation - Non-Safety Related Equipment only
(enter "N/P" if Safety Related)
Description of how Problem affects plant operation: NP

Retrieved Monday December 21, 1998 at 13:53.

Problem Report 99.9102 RType G7.07

4. Reportability (ENS Notifications in accordance with 10CFR50.72/20)

Note: The NWE is encouraged to seek support from NESG and Regulatory Affairs Department personnel, as applicable, to answer questions a. through c. below.

a. Are compensatory actions required to maintain operability? ____ Yes ✓ No

b. Will significant analysis be required to back up engineering judgments in the operability evaluation? ____ Yes ✓ No

c. Does this issue/problem involve a deviation from the transient or accident analyses in Chapter 14 of the FSAR? ____ Yes ✓ No

If the answer to any of the above questions is Yes, then a 1 hour notification in accordance with PNPS 1.3.12 Attachment 2 Event 3 (10CFR50.72(b)(i)(ii), "Any event or condition during operation that results in the condition of the plant, including its principle barriers, being seriously degraded.....") is most likely required.

If the answer to all of the above questions is No, then PNPS 1.3.12 and PNPS 1.3.12 Attachment 2 must still be reviewed to determine whether any other notifications are required.

If notifications are required, then fill out Section 5. If no notifications are required, then write "N/P" for Section 5 and continue with Section 6.

5. Made Notifications (see applicable Station Procedure)

Person/Agency	Time Limit (circle action taken)	Person Contacted/Time
__ Plant Mgr	24 hr, 4 hr, 1 hr	/
__ NRC (via ENS)	24 hr, 4 hr, 1 hr	/
__ Reg Affairs Dept. Manager		/
__ Operations Manager		McElhinny / 1620
__ NRC Resident Inspector		/
__ Other (specify)____		/
__ Applicable section of 10CFR50.72 (specify)		

6 Describe Immediate Corrective Action

a. System # 50 c. Procedure # NA e. WRT/MR # 19800428

b. LCO # NA d. Tech Spec # NA f. Tagout # NA

7. Describe other Corrective Actions required (if known): NCR 99-19

None

8. NWE Signature: [signature] Date: 3/05/99

ATTACHMENT 3
Sheet 1 of 1

Problem Report 99-9102

RType G7.07

PROBLEM REPORT

SCREENING REVIEW

It is not a Procedure requirement to use this form.

1. ___ N/A Significance:

___ SCAQ ✓ Non-SCAQ

Plant Manager Present ✓ Yes ___ No

(if NO and PR is determined to be a SCAQ, then complete Attachment 11 of PNPS 1.3.121)

2. ___ N/A Recommendation:

✓ Accept ___ Reject ___ Incorporate into PR AI # _____

a. Reactivity Management Event ? ___ Yes ✓ No

b. Equipment ✓ Nonequipment ___ Event

3. ___ N/A Disposition: Assigned Owner

___ Critique _____

___ RCA _____

___ Apparent Cause _____

___ Direct Cause _____

___ Corrective Action _____

✓ Close: [ ] to Trend [ ] other NCR 99-19

___ 10CFR21 Applicability Review _____

___ 10CFR50.73 or 70.52 Review _____

___ NUCLEAR NETWORK _____

4. Approved: [signature] Date: 3/26/99

PR Screening Team Chairman

REMARKS/COMMENTS: Nuclear has been updated

NP2110MG MAINTENANCE REQUEST FILE (1 OF 5) 03/26/99
NP2100DG NEXT PAGE 1 7:15:14

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

MR # 19800428 01 TYPE N UNIT 1 DATE 3/02/98 NUC CLASS S PRBLK PRI
ESR# TAG LOC NO TAG HUNG
STATUS PE INITIALS PAL REMARKS NEED FRN LEAD MR # SUPPORT N
WORK TYPE P C/R DEF TYPE MAINT SYSTEM LOADED DATE 3/02/98 TIME 17:59:13

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

EQUIPMENT ID SYS.50 DESC CONTAINMENT & REACTOR SYS 50 TRAIN
NUC CLASS Q LOCATION VARIOUS PWT / OPS Y TRENDING N
SYSTEM ENGINEER PARDEE

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

PERFORM NDE EXAMS OF CONTAINMENT REQUIRED BY IWE OF ASME II
PROVIDE SUPPORT AS REQUIRED CONT N
MWP-1 WILL PERFORM ON-LINE PORTION OF THIS WORK DATE 3/02/98
INITIATOR R PARDEE DATE 3/02/98 NME RV WALZ
WPT RECEIVED DATE 3/03/98 DATE WORK REQD

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

MISC XREF N REJECT CODE RESP PERSON DATE WRT PER
SEC CONT IND SFTY PHONE
PART # WRT # 00061572 RELATED TASK # PR99.9102
ENTER DATA OR COMPLETE TRANSACTION

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

OPERABILITY EVALUATION (OE) FORM

OE # 99-016

1.0 VERBAL EVALUATION

FOR FORMAT ONLY

[1] The NWE notified NESG to provide a cognizant engineer to support Operations. Yes ☑ No ☐ N/A ☐

[2] NESG Cognizant Engineer

(a) Name/Position Jim Menning Civil Structural Eng

(b) Response Time and Date 3/25/99 1600

(c) Verbal recommendation Operable ☑ Inoperable ☐

[3] Operations to document the basis for accepting operability recommendation.

(a) System status prior to discovery of problem Operable ☑ Inoperable ☐

If inoperable, why?

Slight looseness of bolts would not affect the operability of anchor bolts/seismic support during a siesmic event/design basis loading. There is full thread engagement of the Anchor bolt coupling and connection on baseplate is not a concern because baseplate does not provide resistance to structural loading.

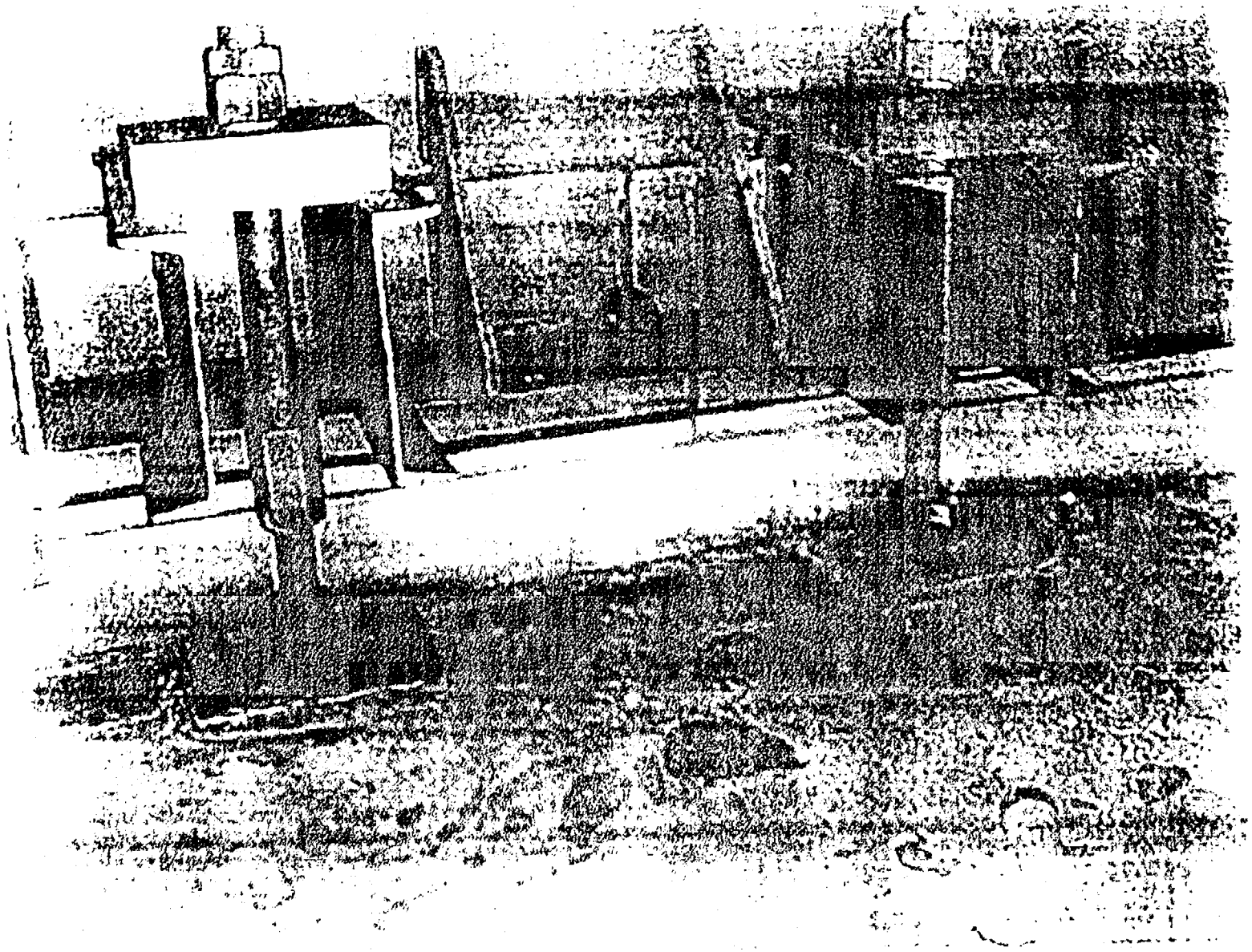
[4] Document verbal EE recommendation in Operability Evaluation Log (OEL). OA

[5] Assign next sequential Operability Evaluation (OE) number and enter on Attachments 1 and 2. OE # 99-016 OA

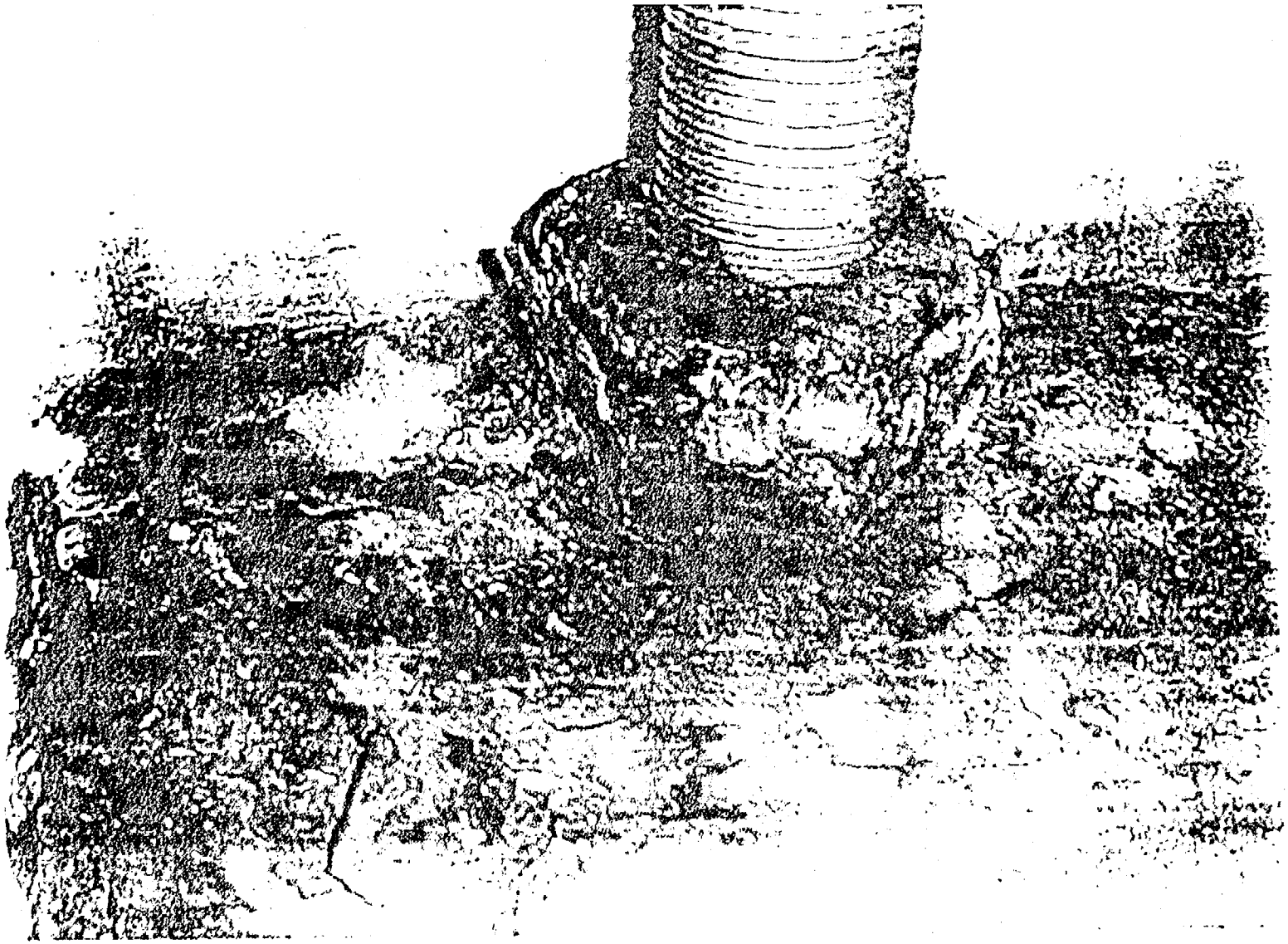
[6] Completed entry in Control Room Log. NOS

[7] Approval for verbal evaluation.

Approved by [signature] NWE Date 3/25/99



POOR
ORIGINAL



POOR
ORIGINAL

POOR
ORIGINAL

POOR
ORIGINAL

3 0 FINAL CLOSURE

RESOLUTION OF DEGRADED OR NONCONFORMING CONDITION

[1] Record document(s) used for closure (enter "N/A" if not applicable):

(a) Maintenance Request # 19906536 (restored to original design)

(b) FRN/PDC Design Change # N/A (modified)

(c) Safety Evaluation # N/A /License Amendment # N/A (condition accepted as is)

(d) Comp. Action closed, Procedure, Temp Mod, etc N/A

(e) Other [list document(s)] N/A

[2] Reviews/approvals for Final Closure

Submitted by for Paul Gallant Date 6/2/99
NESG Cognizant Eng/designee

Approved by [signature] Date 6-2-99
NWE

[3] Final Closure completed in OEL Log [signature] NOS Init

[4] Completed entry in Control Room Log [signature] NOS Init

[5] Operations Assistant (OA) forwards complete OE to RAPD for records retention [signature] OA Init

PR

Integrated Action Item Database Revision Form

PR99.9102.01 Extension: 0

Date: 09/17/1999 CA

Responsible Manager:	SORENSON, C.	Status:	OPEN
Group:	PRODUCTION	Significance:	N
Department:	MAINT	Strategy:	Priority: y0
Sub Department:		Doc Type/Number:	

Title

NCR 99-19 FOR 2 LOOSE 2" DIA. TORUS ANCHOR BOLT EXTENSIONS AT TORUS SADDLE SUPPORT BETWEEN BAYS 12 & 13 AND CORROSION OF BASEPLATES EXCEEDING 10% OF BASE METAL THICKNESS.

Rec'd Date:	04/23/1999	Due Date:	09/01/1999
Assign Date:	04/23/1999	Dead Date:	10/01/1999
Start Date:	04/30/1999	Completion Date:	/ /

Action

CHECK (BY HAND) FOR LOOSE BOLT EXTENSIONS. AT ANY ADDITIONAL 13 LOCATIONS. IF ANY ARE FOUND LOOSE TIGHTEN TO THE SAME TORQUE AS ABOVE IN ACCORDANCE WITH WRT 053802 AND CHECK AND TIGHTEN ALL REMAINING TORUS HOLD DOWN BOLT EXTENSIONS TO THE SAME TORQUE AND THE PR THEN BE CLOSED (MR199(0676)

Closure Requirements

MEMO DETAILING THE RESULTS OF THE REVIEW AND THE CORRECTIVE ACTIONS TAKEN

Notes/Basis for Change(s)

package is scheduled for 1/3/00 push dead date to 1/30/00.

Change(s) Approved By: [signature] Manager Date: 11/9/99

Change(s) Accepted By: [signature] PR Coordinator Date: 11/29/99

RECEIVED

SEP 29 1999

NP2110MG MAINTENANCE REQUEST FILE (1 OF 5) 09/17/99
NP2100DG NEXT PAGE 1 10:40:04

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

MR # 19900676 00 TYPE N UNIT 1 DATE 4/16/99 NUC CLASS S PRBLK PRI 3
ESR# TAG LOC NO TAG HUNG
STATUS P INITIALS RWM REMARKS PLAN LEAD MR # SUPPORT N
WORK TYPE C C/R DEF TYPE MAINT SYSTEM LOADED DATE 4/16/99 TIME 14:34:07

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

EQUIPMENT ID LIST DESC SYS TRAIN
NUC CLASS LOCATION PWT / OPS TRENDING
SYSTEM ENGINEER MANNING

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

TEST ANY 13 BOLT EXTENSIONS FOR LOOSENESS (HAND). IF ANY
LOOSE TIGHTEN TO 80 FT-LBS. & CHECK/TIGHTEN ALL REMAINING
BOLT EXTENSIONS. IF NONE OF 13 ARE LOOSE, NO TIGHTENING CONT Y
INITIATOR J. L. MANNING DATE 4/16/99 NWE RV KEVIN KENNEDY DATE 4/16/99
WPT RECEIVED DATE 4/20/99 DATE WORK REQD

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

MISC XREF N REJECT CODE RESP PERSON DATE
SEC CONT NO IND SFTY NO PHONE 7871 WRT REF
PART # WRT # 00053802 RELATED TASK # PR99.9102
COMPLETE TRANSACTION

PF: 7-BACK 8-FWD 11-TEXT 13-HELP 14-ALIAS 15-EXIT 17-DTL 18-QUIT 20-LIST

Date: 9/17/99 Time: 10:45:48 AM

NP2110MG MAINTENANCE REQUEST FILE (1 OF 5) 09/17/99
NP2100DG NEXT PAGE 1 10:37:43

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

MR # 19900536 01 TYPE N UNIT 1 DATE 3/25/99 NUC CLASS S PRBLK PRI 3
ESR# TAG LOC TAG NOT HUNG
STATUS X2 INITIALS DMS REMARKS CLOSED LEAD MR # SUPPORT N
WORK TYPE C C/R DEF TYPE MAINT SYSTEM LOADED DATE 3/25/99 TIME 18:31:56

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

EQUIPMENT ID LIST DESC SYS TRAIN
NUC CLASS LOCATION PWT / OPS TRENDING
SYSTEM ENGINEER MANNING

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

TORUS SADDLE SUPPORT BETWEEN BAYS 12 & 13 HAS TWO LOOSE
ANCHOR BOLTS EXTENSIONS AND HEAVILY CORRODED BASEPLATES
NCR99-019 CONT N
INITIATOR PARDEE DATE 3/25/99 NWE RV STILES DATE 3/25/99
WPT RECEIVED DATE 3/29/99 DATE WORK REQD

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

MISC XREF N REJECT CODE RESP PERSON DATE
SEC CONT IND SFTY NO PHONE WRT REF
PART # WRT # 00051592 RELATED TASK #
COMPLETE TRANSACTION

PF: 7-BACK 8-FWD 11-TEXT 13-HELP 14-ALIAS 15-EXIT 17-DTL 18-QUIT 20-LIST

NP2111MG MAINTENANCE REQUEST FILE (1G OF 1I) 09/17/99
NP2110RG 10:38:08
MR # 19900536 01 TYPE N UNIT 1 DATE 3/25/99 PRI 3
STATUS X2 WORK TYPE C EQUIP ID LIST PRBLK

---------- STATUS HISTORY ----------

STATUS	INITIALS	REMARKS	CHANGED DATE	CHANGED TIME
X2	DMS	CLOSED	05/05/99	19:26
AF	JAW	ACT-CUNNINGHAM	05/05/99	10:05
T8	JAW	OPS RECVD	05/05/99	9:41
T7	PAL	TR/RR	04/19/99	10:21
P7	SYS	DISPATCHED	04/19/99	10:20
P	PAL	TO PRINT	04/19/99	10:20
PS	PAL	STAFF QC	04/15/99	14:08
P	PAL	PLANNING	04/15/99	13:02
PE	MHH	EVAL NEEDED	03/29/99	7:59
VW	BEG	WRT	03/25/99	18:33

CURRENT PAGE 01 OF 01 NEXT PAGE 01
COMPLETE TRANSACTION
ONLY PAGE OF TEXT
PF: 1-PREV 2-NEXT 13-HELP 15-EXIT 18-QUIT

Date: 9/17/99 Time: 10:43:53 AM