

Unit 3

System Status: NOPR NOPT ORAS OSTB
User Status: CRTD STA ACRO

SONGS

Notification: NN 201400711



Description: UNSAT voltage reading cell 38 after EQ

Created on: 04/01/2011 Reported By: (b)(6)

Responsible:

Priority: 4 Medium

Required Start: 05/21/2011 08:28

End: 09/17/2011 08:28

Order No: 800684853

Code:

Task Exists? [Y]

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Equipment:

Assembly:

Quality Class: II

Location: Control Building Room: Elevation: Column:

Planner Group: Maint Electrical

WorkCenter: M_E Maint. Electrical

Plant: 1000 SONGS - Services

Reliability Classification: CRITICAL-A

ARC Review Status: A Awaiting review

Feedback Req'd? [X]

M Rule:

Sig Level:

Breakdown []

Malfunction Start: 04/01/2011 09:37

Breakdown Duration: H

End:

Description:

04/01/2011 09:16:29 (b)(6)

1. Problem description

While performing follow up testing MO 800676380 step 5.3. cell #38 voltage was found to be 2.0435 vdc. Reading validated with second M&TE to 2.0436. Both readings unsat. Notified U3 manager (b)(6) and electric supervisor (b)(6). (b)(6) notified engineer per MO. step 5.3.2.

2. Impact or consequence

Need to validate operability of battery bank 3b007.

3. Describe what happened

See above problem description

4. Immediate actions taken

Notified U3 control room and supervisor. Wrote NN

5. Extent of Condition (as applicable)

Cell #38

6. Cause (if known)

C/50

SONGS

Notification: NN 201400711

Description: UNSAT voltage reading cell 38 after EQ

Description Continued:

unknown

7. Recommended Actions

----- (b)(6) -----

Additions to -7. Recommended Actions--:

Order 800684853 being worked to swap cell #38, with the spare cell for bank
3B007.

SONGS

Notification: NN 201400711

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Location: Control Building Room: Elevation: Column:

Task No.: 0001 Code Group:N-TS-IOD Immediate Operability Determination
Short Text:
Task Code: NO40 IOD-Equipment NOT OPERABLE
WorkCenter: EM_PES Electrical Systems
Responsible: (b)(6) c

Task No.: 0002 Code Group:N-EOC Extent of Condition Assessment
Short Text:
Task Code: E010 Provide Initial Estimate
WorkCenter: EM_PES Electrical Systems
Responsible: (b)(6) c

Task No.: 0003 Code Group:N-RPT Reportability Assessment
Short Text:
Task Code: RP20 RPT Engineering review
WorkCenter: EM_PES Electrical Systems
Responsible: (b)(6)

J-1111

SONGS

Notification: NN 201400711

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Part: _____

Damage: _____

Cause: _____

Activity: _____

Part: _____

Damage: _____

Cause: _____

Activity: _____

Part: _____

Damage: _____

Cause: _____

Activity: _____

Part: _____

Damage: _____

Cause: _____

Activity: _____

SONGS

Notification: NN 201400711

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Location: Control Building Room: Elevation: Column:

Task Details:

Task No.: 0001 Code Group: N-TS-IOD Immediate Operability Determination
 Short Text:
 Task Code: NO40 IOD-Equipment NOT OPERABLE
 WorkCenter: EM PES Electrical Systems
 Responsible: (b)(6)
 Status: TSOS
 Planned Start:
 Planned End:
 Complete:

Task Long Text:

IOD; Immediate Operability Determination [KEY POINTS]
 Refer to SO123-XV-52 for guidance

IOD TEMPLATE AND KEY POINTS

NOTE:

Operability Determination SHALL only be completed by the On - Shift SRO.
 Other cognizant personnel may complete other Sections of the IOD as
 needed.

[1] Notification Number: 201400711

[2] Deficiency Identification and the Affected Functional Location

[3] Identify the Specified Safety Function(s), include mission time (if applicable)

[4] Conclusion:

Determine OPERABLE/INOPERABLE

_____ OPERABLE
 ___XX___ INOPERABLE

[5] Basis (Provide Discussion):

Cell #38 voltage was found to be 2.0435 vdc. Reading validated with
 second M(>&<)>TE to be 2.0436. Both readings unsat.

[6] Extent of Condition- Operability: #Address the Question: "Does the

SONGS

Notification: NN 201400711

Description: UNSAT voltage reading cell 38 after EQ

degraded or nonconforming condition currently exist on the other train/unit?"

Create an EOCO Task to address the extent of condition.

[7] IF NO EOCO Task has been created to describe "other train/other unit" findings, THEN provide justification.

[8] INITIAL REVIEWS:

SRO/STA Name: (b)(6)

SM Name: (b)(6)

[9] IOD Closure Information (Basis for Closure)

[10] CLOSURE REVIEW

Performer Name:

Peer Check Name:

SONGS

Notification: NN 201400711

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Location: Control Building Room: Elevation: Column:

Task Details:

Task No.: 0002 Code Group: N-EOC Extent of Condition Assessment
Short Text:
Task Code: E010 Provide Initial Estimate
WorkCenter: EM PES Electrical Systems
Responsible: (b)(6)
Status: TSOS
Planned Start:
Planned End:
Complete:

Task Long Text:

EOC (Extent of Condition Assessment)

Do not use this assignment to assess the extent of condition supporting the Operability Determination Process (IOD, IFA, or created by the STA during CAP-2 screening). These assessments should be documented on an N-EOCO Task.

Perform an Extent of Condition (EOC) evaluation for an identified deficiency to determine if the deficiency currently exists elsewhere. Do not use this method to determine cause; use a DCE, ACE or RCE as appropriate to determine the cause.

For all other EOC uses, determine and evaluate scope as necessary.

Refer to SO123-XV-50 CAP-3.

1. Affected Equipment (See deficiency description or, if the deficiency description is incomplete or incorrect, describe)
2. Deficiency Identification (See description or, if the description is incomplete or incorrect, describe)
3. Discussion of findings, including the basis for the conclusion:

SONGS

Notification: NN 201400711

Func.Loc.: S3.DCPS.3B007 125V STATION BATTERY 3B007

Location: Control Building Room: Elevation: Column:

Task Details:

Task No.: 0003 Code Group: N-RPT Reportability Assessment
 Short Text:
 Task Code: RP20 RPT Engineering review
 WorkCenter: EM_PES Electrical Systems
 Responsible: (b)(6) c
 Status: TSOS
 Planned Start:
 Planned End:
 Complete:

Task Long Text:

TECHNICAL ASSESSMENT TEMPLATE

NOTE: ENGINEERING JUDGEMENT may be used to answer questions. However, the basis for the judgment needs to be documented to validate the judgment.

For the purposes of determining REPORTABILITY, it is only necessary for the individual responding to these question to identify a single occurrence within the previous three years where the SPECIFIED (SAFETY) FUNCTION was incapable of being fulfilled (i.e., both trains of redundant systems were INOPERABLE OR NON-FUNCTIONAL).

When the requested questions in SECTION 2 are answered, then the assigned individual should reassign the N-RPT to an RP25 status. ONLY an NRA PQS 270QC7 qualified individual may reassign an N-RPT task to a status RP30 or higher.

SECTION 1 - Initial Reportability Assessment (RP10) [To be completed by a PQS 270QC7 Qualified Individual.]

Not immediately reportable. ME to review.

Prepared By: (b)(6) Date: 4-4-11

SECTION 2 - Technical Assessment (RP20) [The REPORTABILITY ENGINEER will determine which questions are to be answered.]

1. Describe the condition being evaluated for reportability:

SONGS

Notification: NN 201400711**Description: UNSAT voltage reading cell 38 after EQ**

2. Would the SSC have been able to fulfill all its intended safety function(s) as defined in the UFSAR (reference specific sections) since the failure (Operable)? Consider all plant operating Modes, mission time, and the status of other equipment. If yes, why?
3. If the conclusion of step 2 is Yes, mark steps 4, 5 and 6 as #Not Applicable, # document task performance/peer check, advance the Task to RP25 and assign to Reportability Compliance for completion of step 7. If the conclusion of step 2 is No, complete steps 4, 5 and 6.
4. When did the SSC fail or first become degraded (break, code not met, out of SR range, etc.)? If the specific time of failure is not known, is there any compelling evidence of prior failure?
5. What was the apparent cause of the failure or degraded condition? (use engineering judgment to determine, if necessary - but also describe the basis for your judgment). If appropriate, generate a cause evaluation assignment.
6. Did the failure or failure mode affect or potentially affect another SSC or the other unit?
7. [Additional Questions as indicated by the REPORTABILITY ENGINEER.]

Prepared By:

Date:

Peer Reviewer Comments:

Peer Reviewer:

Date:

After the peer review is completed, the Advance the RPT Task to RP25 and assign to Reportability Compliance for completion of step 7.

SECTION 3 - Compliance Review and Management Approval (RP25 and RP30)

8. Reportability assessment summary (include references as appropriate. (To be completed by qualified individuals only - see Encode 270QC7: Assessing Events for Reportability)).

SONGS

Notification: NN 201400711

Description: UNSAT voltage reading cell 38 after EQ

Prepared By:

Date:

Management Reviewer Comments:

Management Reviewer:

Date: