

Unit 2

System Status: ATCO NOCO NOPT  
User Status: CRTD MRC STA ACRC  
ENRC

SONGS

Notification: NN

(b)(7)(C)



Description: 2B008 Batt. Walkdown with NRC Inspector

Created on: (b)(7)(C)

Reported By:

Responsible: (b)(7)(C)

Priority: 3 High

Required Start: 04/01/2010 14:23

End: 05/10/2010 14:23

Order No:

Code:

Task Exists? [Y]

Func.Loc.: S2.DCPS.2B008 125V STATION BATTERY 2B008

Equipment:

Assembly:

Quality Class: II

Location: CB

Room:

Elevation:

Column:

Planner Group:

WorkCenter: EM\_EE Electrical Engrg

Plant: 1000 SONGS - Services

Reliability Classification: CRITICAL-A

ARC Review Status: C Completed

Feedback Req'd? [X]

M Rule:

Sig Level: 4 Low Level Issue

Breakdown []

Malfunction Start:

Breakdown Duration: H

End:

Description:

03/22/2010 15:56:47

(b)(7)(C)

/ This morning around 0700 hours, John Reynoso, NRC Inspector, met me at the 30' stairwell and wanted to know the status of 2B008 battery bank. I took him to 2B008 battery room and showed him the qualified spare jar in place where old pilot cell #13 used to be. The spare jar was renumbered cells 13/14. Old cells 13/14 were renumbered 17/18 and presently stored on the lower tier where the spare jar used be.

X John wanted to know why the jar containing degraded cell #13 is still on the rack and not shipped to the manufacturer for Failure Analysis. ??

/ I explained that old cells 13/14 were kept on float charge by the single cell rail charger and will be shipped after we install a qualified spare jar with 2 good cells. I took John to the 2B010 battery room (next door) where a total of 4 extra unqualified 1800 AH batteries are stored in a mini rack. Because of easy access, spare cells 1/2 should be tested to a Modified Performance test by a single cell tester and recharge. Then this newly qualified spare jar will be installed in 2B008 battery room for future use.

/ John had questions on 2B007 battery bank which has reached 85% service

Information in this record was deleted  
in accordance with the Freedom of Information  
Act, exemptions  
FOIA-211-215

E/20

SONGS

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Description: 2B008 Batt. Walkdown with NRC Inspector

## Description Continued:

life and now requires an annual Performance test. I told him that in May/June 2010, 2B007 battery will be replaced with 2/3B00X battery. Prior to 2B007 replacement, 2/3B00X battery will undergo a Modified Performance test in its own rack.

/

/ John Reynoso called me back at 1005 hours. He was referring to NN (b)(7)(C) that addressed 2B007 battery annual performance test after reaching 85% service life. He wanted to know if an annual performance test has been performed on 2B007 battery lately. My response was, "No". John wanted to know when 2/3B00X battery Modified Performance test be conducted. I replied - in April/May 2010. John is also interested in monitoring the work when 2/3B00X battery is dismantled from its rack and then when it is installed on 2B007 two tier rack.

/

/ This Notification should be peer reviewed by (b)(7)(C) and take appropriate actions to qualify a spare battery jar for 2B008 battery bank. He should also contact the battery manufacturer, EnerSys, and make arrangement for a Root Cause Failure Analysis to be performed by the vendor on 2B008 battery pilot cell #13. We should establish from the vendor if the rest of battery batch is affected by this failure, since 2B008 battery was manufactured in May 2009.

/

/

/

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Withhold From Public Disclosure  
Per 10 CFR 2.390(a)(6)

UNCLASSIFIED

Task Summary

SONGS

Notification: NN

(b)(7)(C)

Func.Loc.: S2.DCPS.2B008

125V STATION BATTERY 2B008

Location: CB

Room:

Elevation:

Column:

Sort No.: 0001

Code Group:N-TS-IOD Immediate Operability Determination

Short Text: see long text

Task Code: NO50 IOD-Canceled / Not Applicable/No DNC

WorkCenter:

Responsible:

Sort No.: 0002

Code Group:N-SPT General Support Record

Short Text: address NRC concerns

Task Code: ST04 SPT Complete

WorkCenter: EM ZE Electrical Engrg

Responsible: (b)(7)(C)

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Per 10 CFR 2.390(a)(6)

SONGS

Trending Worksheet

Notification: NN

(b)(7)(C)

Func. Loc.: S2.DCPS.2B008

125V STATION BATTERY 2B008

Part: \_\_\_\_\_

Damage: \_\_\_\_\_

Cause: \_\_\_\_\_

Activity: \_\_\_\_\_

Part: \_\_\_\_\_

Damage: \_\_\_\_\_

Cause: \_\_\_\_\_

Activity: \_\_\_\_\_

Part: \_\_\_\_\_

Damage: \_\_\_\_\_

Cause: \_\_\_\_\_

Activity: \_\_\_\_\_

Part: \_\_\_\_\_

Damage: \_\_\_\_\_

Cause: \_\_\_\_\_

Activity: \_\_\_\_\_

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Per 10 CFR 2.390(a)(6)

SONGS

Notification: NN

(b)(7)(C)

Func.Loc.: S2.DCPS.2B008

125V STATION BATTERY 2B008

Location: CB

Room:

Elevation:

Column:

Task Details:

Sort No.: 0001

Code Group: N-TS-IOD Immediate Operability Determination

Short Text: see long text

Task Code: NO50 IOD-Canceled / Not Applicable/No DNC

WorkCenter:

Responsible:

Status: TSCO

Planned Start:

(b)(7)(C)

Planned End:

(b)(7)(C)

Complete:

(b)(7)(C)

Task Long Text:

NOTES:

1) Parts 1 through 4 will be completed by the STA.

2) Part 5 may be completed by Operations (STA) or Engineering (Responsible Engineer) when the SSC has been restored to a fully qualified status. IOD (Immediate Operability Determination)

This is an Immediate Operability Determination (IOD).

1. Deficiency Identified and the Affected Functional Location:

2. Identify the Specified Safety Function(s); include mission time (if applicable):

3. Conclusion:

Determine OPERABLE/INOPERABLE

\_\_\_\_\_ Operable

\_\_\_\_\_ Inoperable

Basis (provide discussion):

4. Extent of Condition (Required for Inoperable)

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Task Details Continued

SONGS

Notification: NN

(b)(7)(C)

Description: 2B008 Batt. Walkdown with NRC Inspector

Describe "other train/other unit" findings (if performed):

5. IOD Closure Information

Notification documents concerns that pertain to the removed from service battery jars. There is no adverse to quality condition associated with the battery itself. No DNC.

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SONGS

Notification: NN

(b)(7)(C)

Func.Loc.: S2.DCPS.2B008

125V STATION BATTERY 2B008

Location: CB

Room:

Elevation:

Column:

Task Details:

Sort No.: 0002

Code Group: N-SPT General Support Record

Short Text: address NRC concerns

Task Code: ST04 SPT Complete

WorkCenter: EM EE Electrical Engrg

Responsible: (b)(7)(C)

Status: TSCO

Planned Start: 03/24/2010 14:23

Planned End: 05/05/2010 14:23

Complete: 05/05/2010 14:40

Task Long Text:

SPT (General Support Record)

Describe the General support request:

(b)(7)(C)

Required Action:

This Notification should be peer reviewed by Maintenance Engineering and take appropriate actions to qualify a spare battery jar for 2B008 battery bank. He should also contact the battery manufacturer, EnerSys, and make arrangement for a Root Cause Failure Analysis to be performed by the vendor on 2B008 battery pilot cell #13. We should establish from the vendor if the rest of battery batch is affected by this failure, since 2B008 battery was manufactured in May 2009.

Electrical Maintenance Engineering Peer check the notification and found it to be correct and accurate. Engineering contacted the vendor EnerSys for an evaluation of cell #13, warranty replacement, and extent of condition for the remaining cells in 2B008 battery bank. The follow-up activities will be track in the quarterly Battery Health Report.

Prepared by

(b)(7)(C)

5/5/2010

Peer Checked by

(b)(7)(C)

5/5/10

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