

Unit 2

System Status: ATCO WOOD MOFT
User Status: CRID MRC STA ACRO

SONGS

Notification: NN 200836042



Description: 2B008 failed pilot cell voltage

Created on: 03/16/2010 Reported By: (b)(6)

Responsible:

Priority: 4 Medium

Required Start: 05/06/2010 12:57

End: 09/02/2010 12:57

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: Maint Electrical

WorkCenter: M_E Maint. Electrical

Plant: 1000 SONGS - Services

Reliability Classification: CRITICAL-A

ARC Review Status: C Completed

Feedback Req'd? []

M Rule: Sig Level: 4 Low Level Issue

Breakdown []

Malfunction Start:

Breakdown Duration: H

End:

Description:

* 03/16/2010 21:16:21 (b)(6) Phone (b)(6)
/ S2.DCPS.2B008 battery pilot cell #13 voltage was 2.1227 VDC and 2.1219 taken with two different meters per the procedure. Acceptance Criteria is equal to or greater than 2.1317. So steps 6.4.1 and 6.4.1.1 are unsat and a failed surveillance. Attachment 3 of SO23-I-9.92 will be performed taking all cell voltages. Notified operations and (b)(6)
(b)(6)

* 04/01/2010 08:41:26 (b)(6) Phone (b)(6)
This issue identified under this notification is identical to notification 200834923 Ref order 800480025... ESRQ removed

039

SONGS

Notification: NN 200836042

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: _____

Task Details

SONGS

Notification: NN 200836042

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: DNC - Redundant to NN 200834923

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

WorkCenter: EM_SYE Electrical/I&C Systems

Responsible: (b)(6)

Status: TSCO

Planned Start: 03/19/2010 16:31

Planned End: 03/19/2010 16:31

Complete: 03/19/2010 16:31

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:

S2.DCPS.2B008

Battery pilot cell #13 voltage was 2.1227 VDC and 2.1218 taken with two different meters.

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

The DC electrical power system provides normal and emergency DC electrical power for the DGs, emergency auxiliaries, and control and switching during all MODES of operation.

3. Conclusion: Determine OPERABLE/INOPERABLE

XXXXX _____ Operable

_____ Inoperable

Basis (provide discussion): The measured voltage exceeds Tech Spec Surveillance 3.8.6 specification limit of >2.07 V. The cell voltage will be trended by engineering in accordance with LCS 3.8.106 condition C.

SONGS

Notification: NN 200836042**Description:** 2B008 failed pilot cell voltage

The LCS checks the full-float operation of the battery charger serving to maintain the battery in a fully charged condition as well as to supply power to the normal loads.

This assists in maintaining a battery that is capable of satisfying its design requirements.

There was a failure to satisfy the Surveillance requirements for the LCS and thus the LCS requires additionally actions to accommodate this check. However, the battery remains fully qualified to perform its specified function. A separate notification has been written to facilitate the engineering trend action as required per the LCS condition C.

4. Extent of Condition (Required for Inoperable) EOC Created (YES or NO)? NO

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

5. IOD Closure Information

This issue identified under this notification is identical to notification 200834923. This IOD is a duplicate of the IOD being monitoring on notification 200834923. Notification 200834923 also contains the approved POD and thus this notification should be used as the primary means of tracking the 2B008 battery issues. On this basis this IOD can be cancelled.

Prepared By: (b)(6) 3/18/2010
T3EN13 PQS Verified Valid in EQUIS Until 9/17/2010

Reviewed By: (b)(6)
T3EN13 PQS Verified Valid until 3/25/2011

IOD cancelled and closed with tracking information contained in NN 200834923.

(b)(6)

Task Details

SONGS

Notification: NN 200836042

Func.Loc.: S2.DCPS.2B008

125V STATION BATTERY 2B008

Location: CS

Room:

Elevation:

Column:

Task Details:

Sort No.: 0002

Code Group: N-SPT General Support Record

Short Text: Investigate & initiate corrective action

Task Code: ST04 SPT Complete

WorkCenter: EM EE Electrical Engrg

Responsible: (b)(6)

Status: TSC0

Planned Start: 04/02/2010 01:59

Planned End: 04/02/2010 01:59

Complete: 04/02/2010 01:59

Task Long Text:

SPT (General Support Record)

Describe the General support request: 200836042 task 2

03/16/2010

S2.DCPS.2B008 battery pilot cell #13 voltage was 2.1227 VDC and 2.1213 taken with two different meters per the procedure. Acceptance Criteria is equal to or greater than 2.1317. So steps 6.4.1 and 6.4.1.1 are unsat and a failed surveillance. Attachment 3 of SO23-1-9.92 will be performed taking all cell voltages.

Battery 2B008 Cell #13 needs to be replaced due to continued degradation after battery bank equalizing charge.

Several NMOs were generated to replace the degraded cell so that the battery can perform its specified safety function.

The NMOs are:

800480098 2B002/2B004-Optimum Load Sharing- 3/20 CPL

800480128 2B008-Swap jar 13/14 with spare 17/18- 3/26 F/C (CSR, closed)

(b)(6)

3/20/2010

Peer Check: (b)(6)

Update by: (b)(6)

3/21/10 at 3:45PM (PQS T3EN13 expires 12/16/10)

2B008 was placed in service and battery checks completed by Electricians

3/21/2010 1741

(b)(6)

Verified work complete.

(b)(6)

/21/010 1943

Print Date: 06/08/2010

Page 6 of 7

SONGS

Notification: NN 200836042

Description: 2B008 failed pilot cell voltage