ORIGINAL   UNIT 2

SONGS MAINTENANCE ORDER NO: 08020457000   *83/MC*

CATEGORY: 70 - Work In Progress
REPETITIVE MAINT. NO. - 30002002000   INTERVAL - 01   FREQUENCY - W
RESPONSIBLE ORG:ELECTRICAL UNIT 2   MAINTENANCE TYPE: **SV**

EQUIPMENT ID: **S21806EB007**   RC:**CB**   CONST. CODE:**N/A**   PRIORITY: DD
SU SYSTEM: **PKA**   ACCOUNTING DISTRIBUTION:0121 7221   QC WITNESS/HOLD REQD: **N**
FUNC DESC: 125VDC STATION BATTERY 2D1
LOCATION. AREA: CB ROOM: 306E ELEVATION: 050 COLUMN: 18.5N1 | **QUAL CLASS:2** |

**** NOTE: WORKLIST ATTACHED ****

DESCRIPTION:

WEEKLY 1E BATTERIES INSP.- UNIT 2

RCM-CRITICAL/TS/RCM/PMO/AR040201281 97

02.12.08

REMARKS:

New Add B00X.

REQUESTOR DATA:

    CREW CODE: **EW0**   DCP: ENVIRN QUAL: N
    PROJECT CODE: SEIS: 1
    REQUESTING DEPT: EL2   (b)(6)
    REQUESTOR NAME: (b)(6)   PAX:

REQUIREMENTS: FIRE PROT. ADMIN. REQD?   Y
    WORK AUTH REQD?   N   SECURITY REQD?   N
    WORK AUTH TYPE?   N   SSR REQD?
    ASME CODE WORK?   N NO. N/A   ENGINEERING REQD?   N
    MO TO DISP NCR?   N NO. N/A   FME REQUIREMENTS?   N
    TEMPORARY MOD.?   N NO. N/A   R.E.P. EVAL. REQD?   N
                                                 CREACUS BREACH?   N
    FCN REQD?   NO.
    ECP REQD?   NO.

SCHEDULING:

    R.M. DUE DATE   2/12/2008 00:00
    RITTS: DUE DATE   2/12/2008 06:30   VIOLATION DATE 2/14/2008 00:30   *Cat 86*
    SCHEDULED START DATE 2/12/2008 00:30
    SCHEDULED COMP DATE   2/13/2008 18:00   (b)(6) *02-15-08*

MO OBJECTIVE:

Perform weekly inspection of 1E batterys.

08 0 2 0 4 5 7 - 0

(WORK PLAN DETAIL CONTINUED)

WITH THE EXCEPTION OF SECTION 6.9, ON ALL WORK LISTED COMPONENTS.

2. VISUALLY INSPECT THE GENERAL APPEARANCE AND CLEANLINESS OF EACH BATTERY
   AND BATTERY AREA AS FOLLOWS:

   A. AS NECESSARY, WIPE THE CELL JARS, BATTERY RACKS, AND FLOOR WITH A
      SOLUTION OF BICARBONATE SODA AND COLD, DISTILLED OR DI WATER.

   B. WIPE AGAIN USING CLEAN DISTILLED OR DI WATER.

   C. VERIFY NON-ESSENTIAL EQUIPMENT AND DEBRIS HAS BEEN REMOVED FROM
      EACH BATTERY ROOM.

PLANNING APPROVALS:

	BY	DATE	TIME
FIRE PROTECTION REVIEW	(b)(6)	02/12/96	14:14:00
WORK PLANNED		02/12/96	14:13:59
WORK PLANNED REVIEW		02/12/96	14:26:45
WORK SCHEDULED		02/06/08	13:55:59

PROCEDURE LIST:

PROCEDURE ID	REV	TCN
1 - SO123-I-2.2	007	002

Desc: 125 VDC PILOT CELL BATTERY INSPECTION

CRAFT INFORMATION:

CRAFT CODE	CRAFT DESCRIPTION	QTY	ESTIMATED HOURS	ACTUAL HOURS
1 - EL	ELECTRICIAN	2.0	6.0	_____
2 - SP	FIRST LINE SUPERVISOR	1.0	2.0	_____

WORK DONE:

Work Started: Date - 02/12/08   Time - 04:00

① Performed Tech Spec surveillance IAW the Latest Rev
and TCN of SO123-I-2.2.
② Visually Inspect general Appearance

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(2A) + (2B) Wipe down with DI water.
(2C) Verify removal of non-essential equipment.
1 2 EL x 3 hr (b)(6)

1.0 **OBJECTIVES**

1.1 This procedure provides guidance for performing the Weekly 125 volt Battery Bank and Charger operability verification checks.

1.2 This procedure satisfies the surveillance requirements specified in the Unit 2 and Unit 3 Technical Specifications, LCO - SR, Sections 3.8.4.1, 3.8.5.1, 3.8.6.1, and Table 3.8.6-1 Category "A" Limits.

1.3 This procedure performed at least monthly, satisfies the requirements stated in IEEE Std. 450-1980.

1.4 This procedure is applicable to the 125 VDC Station Battery Banks.

2.0 **REFERENCES**

2.1 Refer to Attachment 1 for the Procedure Resource List.

3.0 **PREREQUISITES**

3.1 Before starting work, the user **SHALL** verify this procedure is current by referring to NDMS or one of the other methods listed in SO123-I-1.3.

3.2 Enter the following data:

MO# `0802045700` Unit `2` Equip Id: `S21806ER008`

3.3 This procedure **MAY** be performed while Equalize Charging the Battery Bank unless one of the conditions listed in Section 3.4 is true.

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> **NOTE:** When taking Battery Bank Terminal Voltage, use a **Fluke 187**
> (*equivalent or better*) set on the **500V** range. *If necessary, reference
> Design Calc E4C-017.*

6.2 · Battery Bank Voltage

T/S REQUIREMENT

6.2.1   Measure Battery Bank Terminal voltage. Record readings below.

ACCEPTANCE CRITERIA

All 125 VDC Battery Banks:	≥ **129.17**	VDC
	|31.91	VDC

SAT	☑	Go to Step 6.2.2.	UNSAT	☐	Perform Corrective Actions as Follows.

INT· Outside of

N/A HK CPL

.1   Immediately notify your Supervisor of the *"UNSAT"* condition.

N/A HK CPL

.2   This Supervisor **SHALL** report a failed Surveillance according to Procedure SO123-I-1.3.

N/A HK CPL

.3   Notify the Engineer, and generate an AR.

SECTION CONTINUES ON NEXT PAGE ➡

35   08 0 2 0 4 5 7 - 0