

ASC48

UNIT	SYSTEM	EQUIPMENT - I.D.	M.O. NUMBER	TY
2	BGA	S21208MP191	0-2026-006	C
FUNC. DESCRIPTION: CHARGING PUMP P0191				
WORK DESCRIPTION: REF:CCP-1017.3J REV 0. COMP				
WIRING REVISIONS IN 2L040.3R0617				
2	BGA	S21208MP190	0-21365	C
FUNC. DESCRIPTION: CHARGING PUMP P0190				
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CO				
TECH SPEC: 3.1.2.4				
2	BGA	S25M025M60	0-23775	C
FUNC. DESCRIPTION: PACIFIC SCIENTIFIC G CLASS				
WORK DESCRIPTION: REMOVED SPRING CAN TRAVEL S				
TECH SPEC: 3.1.2.1				
2	BGA	S21208MP190	0-24196	C
FUNC. DESCRIPTION: CHARGING PUMP				
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CO				
TECH SPEC: 3.1.2.0				
2	BGA	2FT0212	0-24670	S
FUNC. DESCRIPTION: CHARGING PUMP FLOW TRANSMIT				
WORK DESCRIPTION: PERFORMED LOOP VERIFICATION				
2	BGA	S21208MP192	0-25236	S
FUNC. DESCRIPTION: CHARGING PUMP				
PROF. DESCRIPTION: CHARGING PUMP DISCHARGE FLO				
WORK DESCRIPTION: PERFORMED ENGINEERING REVIEW				
DESIGN SPECIFICATIONS.				
2	BGA	S21208MP192	0-25007	C
FUNC. DESCRIPTION: CHARGING PUMP				
WORK DESCRIPTION: MACHINED PACKING ADJUSTMENT				
2	BGA	2HV9208	0-29541	C
FUNC. DESCRIPTION: CHARGING LINE TO RCS - FLOW				
WORK DESCRIPTION: PERFORMED MAINTENANCE TO COP				

ONOFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984

1

PL START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

M 06/26/83 01:00:00 07/09/83 01:00:00 264

LETE CABLE TERMINATION AND INTERNAL
2R0405.

Also Available On
Aperture Card

M 09/16/83 01:00:00 09/19/83 01:00:00 72

RECT LEAKING VALVE PACKING.

TI
APERTURE
CARD

M 03/01/83 01:00:00 03/25/83 01:00:00 576

2 INSTRUMENT CHARGING LINE
TOP. PLANT IN MODE 5.

M 03/09/83 01:00:00 04/05/83 01:00:00 648

RECT OIL LEAKS.

M 03/17/83 01:00:00 03/24/83 01:00:00 168

TER

M 06/12/83 01:00:00 06/15/83 01:00:00 72

INDICATING LOW.
AND DETERMINED PUMP DISCHARGE FLOW MEETS

M 06/04/83 00:00:00 06/15/83 00:00:00 264

RINGS.

M 06/28/83 01:00:00 09/02/83 01:00:00 120

CONTROL VALVE
RECT LEAKAGE FROM PACKING.

SASOAB

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BGA S21208MP192 83300272000 PM
FUNC. DESCRIPTION: CHARGING PUMP (S)
PROB. DESCRIPTION: CHARGING PUMP OIL CHANGE (ANN
WORK DESCRIPTION: CHANGED OIL IN GEAR DRIVE AND
FILLED SIGHT GLASS TO 3/4 FULL WITH

2 BGA S21208MP191 83300273000 PM
FUNC. DESCRIPTION: CHARGING PUMP (C)
PROB. DESCRIPTION: CHARGING PUMP OIL CHANGE
WORK DESCRIPTION: DRAINED OIL AND CLEARED BREAT
SCREEN, CHANGED OIL FILTER, CLEANED
GST \$100 OIL TO 3/4 ON SIGHT GLASS

2 BGA S21208MP190 83301356000 PM
FUNC. DESCRIPTION: CHARGING PUMP (N)
PROB. DESCRIPTION: CHARGING PUMP OIL CHANGE
WORK DESCRIPTION: OIL CHANGE COMPLETED. 30 MIN

2 BGA S21208MP191 83710402000 PM
FUNC. DESCRIPTION: CHARGING PUMP (C)
PROB. DESCRIPTION: CLEAN, INSPECT, MEGGER MOTOR
WORK DESCRIPTION: PERFORMED MAINTANCE IAW THIS
NOT BE OBTAINED THRU BREAKER 28040
280417 AND OBTAINED GOOD READINGS.

2 BGA 2PI0234X 83711061000 CM
FUNC. DESCRIPTION: CHARGING PUMP NO.1
PROB. DESCRIPTION: 2PI0234X, 2PI0234Y AND 2PI023
PRESSURE VIBRATION.
WORK DESCRIPTION: GAUGES WERE REPLACED WITH ASH
DESIGNED TO BETTER WITHSTAND THE C
THE ORIGINAL GAUGES.

2 BGA 2LV0227C 83711049001 CM
FUNC. DESCRIPTION: RWST OUTLET TO CHRG. PUMPS SUO
PROB. DESCRIPTION: BKR TO VALVE TRIPS WHEN VALVE
BINDING. THIS IS A TECH. SPEC. BORA
WORK DESCRIPTION: OBTAINED WORK AUTHORIZATION AND
REMOVED MOTOR AND REPLACED WITH NEW
FOR REPAIR.

OFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

03/23/83 07:00:00 03/23/83 17:00:00 10

Also Available On
Aperture Card

UAL)
GREASED COUPLINGS.
H GST 100 CIL.

03/10/83 06:00:00 03/10/83 16:00:00 10

TI
APERTURE
CARD

HER. PULLED BASE COVER, CLEANED SUCTION STRAINER
D FILTER CAN, REFILLED SUMP WITH CHV GST

04/13/83 08:00:00 04/13/83 18:00:00 10

UTE MOTOR RUN SATISFACTORY.

11/11/83 16:00:00 11/11/83 22:20:00 6

WORK ORDER AND 0023-I-9.1. PROPER READINGS COLLD
E. PERFORMED CHECK THRU BACK UP BREAKER

11/12/83 22:00:00 11/12/83 23:00:00 1

AZ ARE DAMAGED BEYOND REPAIR DUE TO CONSTANT

CROFT GAUGES MODEL 1122KE, 02L. THE GAUGES ARE
CONSTANT PRESSURE VIBRATION WHICH DAMAGED

12/01/83 09:00:00 12/02/83 16:00:00 31

TION HEADER
IS OPERATED. VALVE STROKES MANUALLY WITH NO
TION FLOW PATH.
D PROCEEDED TO TROUBLED SHOOT BREAKER.
ONE. RETURNED OLD MOTOR TO MANUFACTURER

8404050022 -C/

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BGA S21208MP190 83714109000 CM
 FUNC. DESCRIPTION: CHARGING PUMP (N)
 PROB. DESCRIPTION: CONTAMINATED WATER WAS FOUND
 NOTE: THERE ARE TWO ASSOCIATED RO'S
 AND 83712789, MA2'S FOR BAD PACKIN
 WORK DESCRIPTION: DRAINED OIL & WATER AND CLEAN
 REPLACED OIL FILTER (50 MICRON). R

FREE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984

3

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/18/83 08:00:00 12/18/83 16:00:00

8

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IN THE PUMP CRANK CASE.

1. 83711446, 18C'S FOR LOW OIL PRESSURE

2. ADJUSTING RING, NCR 2-338.

3. OIL SUMP. FLUSHED OUT WITH M6. CLEANED STRAINER.

4. REPLACED COVER. ADDED 8 GAL NEW OIL (GST100).

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APERTURE
CARD

8404050022-02

SA5048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

2 BGB S21208MU05 0-06456 CM
FUNC. DESCRIPTION: CVCS SYSTEM BORIC ACID MIX
PROB. DESCRIPTION: VALVE LEAKS AT DIAPHRAM
WORK DESCRIPTION: NOT STATED

2 BGB S21208MP175 83702462000 PM
FUNC. DESCRIPTION: BORIC ACID MAKE UP PUMP
PROB. DESCRIPTION: BORIC ACID MKUP PP - OIL CHAN
WORK DESCRIPTION: CHANGED OUT OIL AND RELEASED

2 BGB S21208MP174 83705338000 CM
FUNC. DESCRIPTION: BORIC ACID MAKE UP PUMP
PROB. DESCRIPTION: REPORTED DIRTY OIL IN MP174
WORK DESCRIPTION: REMOVED DRAIN PLUG AND FLUSH
FILLED TO CORRECT LEVEL WITH CLEA

NOFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 5

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

03/22/83 01:00:00 03/25/83 01:00:00 72
AND STORAGE

Also Available On
Aperture Card

12/23/83 08:00:00 12/23/83 16:00:00 8

GE
CLEARANCE. USED CHEVRON GST#68 OIL.

11/26/83 13:00:00 11/26/83 16:00:00 3

ED OUT WITH CLEAN OIL. CLEANED CHICKEN FEEDER AND
N #68 OIL.

TI
APERTURE
CARD

8404050022-03

SAS048

SAR 0
REPORT ON

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

2 BHA S21204MU06 0-07411 CM
FUNC. DESCRIPTION: CONTAINMENT SUMP RECIRCULATI
WORK DESCRIPTION: CHECK VALVE LEAKS. DISASSEM

2 BHA S21204MU015 0-09139 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION DISCHARG
WORK DESCRIPTION: INVESTIGATED LEAKING VALVE A

2 BHA 2HV9345 0-09464 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK N2 VENT
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPA

2 BHA S21204MU003 0-11781 CM
FUNC. DESCRIPTION: CONTAINMENT SUMP RECIRCULATIO
WORK DESCRIPTION: INVESTIGATED AND REPAIRED LEA

2 BHA 2HV9342 0-12237 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK DRAIN L
PROP. DESCRIPTION: VALVE LEAKAGE DURING RETEST U
WORK DESCRIPTION: NOT STATED.

2 BHA 2HVR151 0-14526 CM
FUNC. DESCRIPTION: SHUT DOWN COOLING HEAT EXCHAN
PROP. DESCRIPTION: VALVE FAILS TO OPEN FROM CONT
WORK DESCRIPTION: NOT STATED.

2 BHA 2FE9283 0-1487-000 CM
FUNC. DESCRIPTION: SAFETY INJECTION FLOW ELEMENT
WORK DESCRIPTION: IMPLEMENT DESIGN CHANGE PACKA

2 BHA 2FGI9283 0-1487-001 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FLOW TO
WORK DESCRIPTION: INSTALL FLOW TOTALIZER AS PER

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

08/07/83 01:00:00 08/10/83 01:00:00 72
ON LINE CHECK VALVE
BLED AND REPAIRED.

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07/26/83 01:00:00 08/02/83 01:00:00 168
VALVE
AND ADJUSTED PACKING.

07/22/83 01:00:00 07/25/83 01:00:00 72
VALVE
IR LEAKING NITROGEN VENT VALVE.

05/31/83 01:00:00 06/03/83 01:00:00 72
N LINE FOR SAFETY INJECTION CHECK VALVE
KING VALVE.

08/05/83 01:00:00 08/06/83 01:00:00 72
INE VALVE
NSATISFACTORY.

05/30/83 01:00:00 06/03/83 01:00:00 96
GER ISOLATION VALVE
OL ROOM.

01/23/83 01:00:00 01/26/83 01:00:00 72
GE DCP-37N REV 0

08/26/83 01:00:00 09/27/83 01:00:00 768
ALIZER
DCP-37N REV 0

TI
APERTURE
CARD

8404050022-04

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UNIT SYSTEM EQUIPMENT - I.D. N.O. NUMBER TY

2 BHA S21204MP019 0-15135 CM
FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECT
WORK DESCRIPTION: INSTALLED REPLACEMENT PARTS

2 BHA 2HV9340 0-1529-000 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK OUTLET
WORK DESCRIPTION: IMPLEMENT DESIGN CHANGE PAC

2 BHA S21201MU001 0-15544 CM
FUNC. DESCRIPTION: CHECK VALVE BETWEEN REFUELING
WORK DESCRIPTION: PERFORMED MAINTENANCE TO RE

2 BHA 2RR807 0-16168 CM
FUNC. DESCRIPTION: CIRCUIT BREAKER
WORK DESCRIPTION: INSTALLED CIRCUIT BREAKER.
TECH SPEC:3.8.1.1

2 BHA 2SH9371 0-1732-001 CM
FUNC. DESCRIPTION: LIMIT SWITCH ON SAFETY INJECT
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 22SL-9371-2 0-1732-002 CM
FUNC. DESCRIPTION: LIMIT SWITCH ON SAFETY INJECT
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 22SH934122 0-1732-011 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 22SL9341-2 0-1732-012 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

PE START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

05/26/83 01:00:00 06/03/83 01:00:00 192
ION PUMP P019

Also Available On
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01/01/83 01:00:00 01/04/83 01:00:00 72
VALVE
AGE DCP-305J REV C

07/30/83 01:00:00 08/02/83 01:00:00 72
G WATER TANK AND SAFETY INJECTION SYSTEM
AIR LEAKING VALVE.

08/13/83 01:00:00 08/16/83 01:00:00 72

02/15/83 01:00:00 03/10/83 01:00:00 552
ION TANK FILL AND VENT VALVE
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/07/83 01:00:00 480
TION TANK FILL AND VENT VALVE
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/10/83 01:00:00 552
ND VENT VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/14/83 01:00:00 648
ND VENT VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

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SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TY

2 BHA 2ZSL0221 0-1732-015 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 2ZSH9351-1 0-1732-019 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 2ZSL9351-1 0-1732-020 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 2ZSL9361-1 0-1732-025 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA 2ZSL9361-1 0-1732-026 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL
WORK DESCRIPTION: REF:DCP-778.2E REV 0. ADDED
FUNCTIONAL VERIFICATION.

2 BHA S21204MU002 0-17837 CM
FUNC. DESCRIPTION: CHECK VALVE BETWEEN RWST AND
PROB. DESCRIPTION: PRIMARY LOOP 1A LEAKS COOLANT
WORK DESCRIPTION: COMPLIED WITH TECH SPEC: 3.5

2 BHA 2HV9340 0-18720 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK DRAIN
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REP
TECH SPEC:3.5.1

ONOFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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PE START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

02/15/83 01:00:00 03/10/83 01:00:00 552
AND VENT VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

Also Available On
Aperture Card

02/15/83 01:00:00 03/10/83 01:00:00 552
AND VENT VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/16/83 01:00:00 696
AND VENT LINE VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/10/83 01:00:00 552
INE VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

02/15/83 01:00:00 03/04/83 01:00:00 409
INE VALVE LIMIT SWITCH
CONAX CONNECTOR TO LIMIT SWITCH AND RETESTED FOR

07/22/83 01:00:00 07/25/83 01:00:00 72
SAFETY INJECTION SYSTEM

07/27/83 01:00:00 07/30/83 01:00:00 72
VALVES
AIR VALVE LEAKING FROM PACKING.

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CARD

8404050022-06

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

2 BHA 2HV9342 0-18728 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK DRAIN V
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPA

2 BHA 2F19B13 0-1875-0004 CM
FUNC. DESCRIPTION: HPSI PUMP MINIFLOW INDICATOR
PROB. DESCRIPTION: IMPLEMENT DCP-74N REV 0
WORK DESCRIPTION: INSTALLED A FLOW INDICATOR IN

2 BHA S21204MU015 0-19147 CM
FUNC. DESCRIPTION: DISCHARGE FROM HPSI PUMP P019
WORK DESCRIPTION: REPLACE LEAKING BONNET PLUG P
TECH SPEC: 3.4.1.3

2 BHA 2HV9316 0-19211 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING HEAT EXCHANG
WORK DESCRIPTION: REMOVED ONE TRAIN OF SHUTDOWN
TEMPERATURE CONTROL VALVE WITH PLA
TECH SPEC: 3.4.1.4.1

2 BHA 2HV9328 0-20031 CM
FUNC. DESCRIPTION: LP SAFETY INJECTION HEADER TO
WORK DESCRIPTION: REPLACE VALVE TERMINAL STRIPS
TECH SPEC: 3.5.2

2 BHA 2HV9345 0-2142-004 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T007 N2
WORK DESCRIPTION: REF:DCP-927M REV 0. DETERMINA
REINSTALLED CONAX CONNECTOR UPON C

2 BHA 2HV9375 0-2142-005 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T010 N2
WORK DESCRIPTION: REF:DCP-927SM REV 0. DETERMI
2AD046300. REINSTALL CONAX CONNEC

OFFER NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

05/01/83 01:00:00 05/03/83 01:00:00 48
ALVE
IR LEAKING VALVE.

Also Available On
Aperture Card

10/23/83 01:00:00 10/26/83 01:00:00 72

HP SAFETY INJECTION MINI FLOW LINE.

08/05/83 01:00:00 08/08/83 01:00:00 72

ACKING.

06/14/83 01:00:00 06/16/83 01:00:00 48
ER TO HPSI PUMP HEADER
COOLING FROM SERVICE TO REPAIR SHUTDOWN COOLING
AT IN MODE 1.

05/02/83 01:00:00 05/05/83 01:00:00 72
RCS LOOP 2B

11/18/83 01:00:00 12/04/83 01:00:00 384
VENT VALVE
IED CABLES 2AD045500 AND 2AD045400.
OMPLETION OF VALVE REWORK.

11/18/83 01:00:00 12/03/83 01:00:00 360
VENT VALVE
ATE CABLES 2AD046400, 2AD046400, 2AD046300 AND
TOR UPON COMPLETION OF VALVE REWORK.

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APERTURE
CARD

8404050022-07

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BHA 2HV9365 0-2142-006 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T009 N2
WORK DESCRIPTION: REF:DCP-927SM REV 0. DETERM
CONAX CONNECTOR UPON COMPLETION OF

2 BHA 2HV9345 0-2142-009 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T007 N2
WORK DESCRIPTION: REF:DCP-927SM REV 0. REMOVED
DISC POST SEAT. REASSEMBLED AND R

2 BHA 2HV9355 0-2142-010 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T007 VE
WORK DESCRIPTION: REF:DCP-927SM REV 0. REMOVED
DISC POST SEAT. REASSEMBLED AND RE

2 BHA 2HV9365 0-2142-011 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T009 VE
WORK DESCRIPTION: REF:DCP-927SM REV 0. REMOVED
DISC POST SEAT. REASSEMBLED AND R

2 BHA 2HV9375 0-2142-012 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T010 VE
WORK DESCRIPTION: REF:DCP-927SM REV 0. REMOVED
DISC POST SEAT. REASSEMBLED AND R

2 BHA 2PSV9366 0-2142-014 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T009 N2
PROB. DESCRIPTION: REF:DCP-927SM REV 0. UNBOLT
WORK DESCRIPTION: VENT DURING REWELD OF REJECTED WEL
NOT STATED

2 BHA 2PSV9346 0-2142-015 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK T008 N2
PROB. DESCRIPTION: REF:DCP-927SM REV 0. UNBOLT
WORK DESCRIPTION: VENT DURING REWELD OF REJECTED WEL
NOT STATED.

OFRE NUCLEAR GENERATING STATION
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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

11/18/83 01:00:00 12/04/83 01:00:00 384
VENT VALVE
DATE CABLES 28004450F & 2080445. REINSTALL
VALVE REWORK.

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11/16/83 01:00:00 12/05/83 01:00:00 456
VENT VALVE
VALVE FROM LINE. DISASSEMBLED VALVE AND FIT NEW
EINSTALLED VALVE IN LINE.

11/16/83 01:00:00 12/05/83 01:00:00 456
NT VALVE
VALVE FROM LINE. DISASSEMBLED VALVE AND FIT NEW
INSTALLED VALVE IN LINE.

11/16/83 01:00:00 12/05/83 01:00:00 456
NT VALVE
VALVE FROM LINE. DISASSEMBLED VALVE AND FIT NEW
EINSTALLED VALVE.

11/16/83 01:00:00 12/05/83 01:00:00 456
NT VALVE
VALVE FROM LINE. DISASSEMBLED VALVE AND FIT NEW
EINSTALLED VALVE.

12/01/83 01:00:00 12/15/83 01:00:00 336
VENT VALVE
AND TEMPORARILY REMOVE PSV9366 TO PROVIDE PURGE
D "K". REINSTALL WHEN WELDING COMPLETE.

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12/01/83 01:00:00 12/15/83 01:00:00 336
VENT VALVE
AND TEMPORARILY REMOVE PSV9346 TO PROVIDE PURGE
D "K". REINSTALL WHEN WELDING COMPLETE.

8404050022-08

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BHA S21201MU02 0-22808 CM
FUNC. DESCRIPTION: CHARGING LINE CHECK VALVE
PROB. DESCRIPTION: VALVE LEAKAGE NOTED FROM BODY
WORK DESCRIPTION: TECH SPEC: 3.1.2.3

2 BHA 2HV9351 0-22818 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK FILL LI
PROB. DESCRIPTION: VALVE LEAKAGE
WORK DESCRIPTION: NOT STATED.

2 BHA S21204MP017 0-23711 SV
FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECTION
PROB. DESCRIPTION: HPSI PUMP 2017 FAILED TO START
WORK DESCRIPTION: TECH SPEC: 3.5.2

2 BHA S21204MP018 0-23499 CM
FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECTION
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPL

2 BHA 2HV9374 0-24119 CM
FUNC. DESCRIPTION: NITROGEN SUPPLY ISOLATION VALVE
PROB. DESCRIPTION: FAILURE OF VALVE TO OPEN. NO
WORK DESCRIPTION: TECH SPEC: 3.5.1

2 BHA S21204MU004 0-24945 CM
FUNC. DESCRIPTION: SAFETY INJECTION RECIRC LINE C
WORK DESCRIPTION: DISASSEMBLED AND INSPECTED CHE

2 BHA 2HV9342 0-25472 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK NO. 1 DR
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPAI

2 BHA S21204MU006 0-25697 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION HEADER NO.
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPAI

OFFER NUCLEAR GENERATING STATION
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05/23/83 01:00:00 05/26/83 01:00:00 72 Also Available On
TO BONNET. Aperture Card

08/05/83 01:00:00 08/08/83 01:00:00 72

03/28/83 01:00:00 04/01/83 01:00:00 96
PUMP
DURING TEST.

03/03/83 01:00:00 03/08/83 01:00:00 120
PUMP
CE FAILED K110 AUX RELAY CONTACT 24.

03/08/83 01:00:00 03/25/83 01:00:00 408
E TO SAFETY INJECTION TANK T010
E: PLANT IN MODE 5

03/15/83 01:00:00 04/01/83 01:00:00 408
HECK VALVE
CK VALVE. RESTORED VALVE TO SERVICE.

03/31/83 01:00:00 04/02/83 01:00:00 48
AIN VALVE
R AND CALIBRATE VALVE.

04/05/83 01:00:00 04/07/83 01:00:00 48
2
R KEROTEST VALVE LEAKING BY.

TI
APERTURE
CARD

8404050022 -09

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BHA 2HV9342 0-25702 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK NO. 1
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CORR

2 BHA S21204MU017 0-25743 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION HEADER NO
WORK DESCRIPTION: PERFORMED MAINTENANCE FOR DIS

2 BHA 2HV8151, 2HV8152 0-25858 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING HEAT EXCHANGE
WORK DESCRIPTION: INVESTIGATED FAILURE OF VALVE

2 BHA S21204MU007 0-26613 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP P019
PROB. DESCRIPTION: VALVE LEAKING AT RATE OF APPR
WORK DESCRIPTION: NOT STATED

2 BHA S21204MU006 0-26614 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION TRAIN "A"
PROB. DESCRIPTION: VALVE OBSERVED TO BE LEAKING
WORK DESCRIPTION: NOT STATED

2 BHA S21204MU015 0-26864 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP P017
PROB. DESCRIPTION: VALVE LEAKS BY
WORK DESCRIPTION: NOT STATED

2 BHA 2HV9379 0-28357 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING FLOW TO LP S
WORK DESCRIPTION: REPLACED MOTOR PINION.

2 BHA S21204MP01X (ALL) 0-29321 CM
FUNC. DESCRIPTION: HP/LP SAFETY INJECTION PUMPS
WORK DESCRIPTION: PERFORMED VERIFICATION OF ANT

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 13

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

05/05/83 01:00:00 05/26/83 01:00:00 504
RAIN VALVE
ECT PACKING LEAK.

03/15/83 01:00:00 03/18/83 01:00:00 72
2 CHECK VALVE
ASSEMBLY, INSPECTION AND REWORK OF VALVE.

04/07/83 01:00:00 04/10/83 01:00:00 72
ER E003 OUTLET ISOLATION VALVES
S TO OPEN AND PERFORMED CORRECTIVE MAINTENANCE.

04/22/83 01:00:00 05/29/83 01:00:00 888
SUCTION VALVE
OK, ONE DROP PER SECOND.

05/10/83 01:00:00 05/13/83 01:00:00 72
SUCTION CHECK VALVE
AT APPROX. 4 DROPS PER SECOND.

07/27/83 00:00:00 08/08/83 00:00:00 288
DISCHARGE STOP CHECK VALVE

05/23/83 01:00:00 05/26/83 01:00:00 72
AFETY INJECTION "D-2" POW-R-SEAL

06/18/83 01:00:00 07/09/83 01:00:00 504
I-ROTATION PINS WITH PLANT IN MODE 5.

II
APERTURE
CARD

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BHA 2HV9342 0-25702 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK NO. 1
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CORR

2 BHA S21204MU017 0-25783 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION HEADER NO
WORK DESCRIPTION: PERFORMED MAINTENANCE FOR DIS

2 BHA 2HV8151, 2HV8152 0-25858 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING HEAT EXCHANGE
WORK DESCRIPTION: INVESTIGATED FAILURE OF VALVE

2 BHA S21204MU007 0-26613 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP P019
PROB. DESCRIPTION: VALVE LEAKING AT RATE OF APPR
WORK DESCRIPTION: NOT STATED

2 BHA S21204MU006 0-26614 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION TRAIN "A"
PROB. DESCRIPTION: VALVE OBSERVED TO BE LEAKING
WORK DESCRIPTION: NOT STATED

2 BHA S21204MU015 0-26964 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP P017
PROB. DESCRIPTION: VALVE LEAKS BY
WORK DESCRIPTION: NOT STATED

2 BHA 2HV9379 0-28367 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING FLOW TO LP S
WORK DESCRIPTION: REPLACED MOTOR PINION.

2 BHA S21204MP01X (ALL) 0-29321 CM
FUNC. DESCRIPTION: HP/LP SAFETY INJECTION PUMPS
WORK DESCRIPTION: PERFORMED VERIFICATION OF ANT

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 13

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

05/05/83 01:00:00 05/26/83 01:00:00
RAIN VALVE
O-RING PACKING LEAK.

504

Also Available On
Aperture Card

03/15/83 01:00:00 03/18/83 01:00:00
2 CHECK VALVE
ASSEMBLY, INSPECTION AND REWORK OF VALVE.

72

04/07/83 01:00:00 04/10/83 01:00:00
ER E003 OUTLET ISOLATION VALVES
WAS TO OPEN AND PERFORMED CORRECTIVE MAINTENANCE.

72

04/22/83 01:00:00 05/29/83 01:00:00
SUCTION VALVE
DROPPING ONE DROP PER SECOND.

388

05/10/83 01:00:00 05/13/83 01:00:00
SUCTION CHECK VALVE
DROPPING AT APPROX. 4 DROPS PER SECOND.

72

07/27/83 00:00:00 08/08/83 00:00:00
DISCHARGE STOP CHECK VALVE

288

05/23/83 01:00:00 05/26/83 01:00:00
SAFETY I INJECTION "C-2" POWER-SEAL

72

06/18/83 01:00:00 07/09/83 01:00:00
I-ROTATION PINS WITH PLANT IN MODE 5.

504

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TI
APERTURE
CARD

S4S048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

2 BHA S21204MP018 0-29367 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP
WORK DESCRIPTION: INSTALLED TURBINE FLOW METER
TEST.

2 BHA S21204MU007 0-29667 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION ISOLATION
WORK DESCRIPTION: DISASSEMBLED VALVE TO REPAIR

2 BHA 2HV9350 0-29689 CM
FUNC. DESCRIPTION: ISOLATION VALVE BETWEEN SAFETY
PROB. DESCRIPTION: LEAKAGE FROM VALVE PACKING
WORK DESCRIPTION: NOT STATED.

2 BHA 2HV9352 0-29691 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK DRAIN VALVE
PROB. DESCRIPTION: LEAKAGE FROM VALVE PACKING
WORK DESCRIPTION: NOT STATED

2 BHA S21204MP01X 0-29889 CM
FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP
PROB. DESCRIPTION: LEAKAGE NOTED BETWEEN PUMP CASE
WORK DESCRIPTION: NOT STATED.

2 BHA S21204MP017 AND 018 0-4029-064 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP
PROB. DESCRIPTION: REMOVE EXISTING SUCTION SPOOL
TO PERFORM FLOW TEST. REMOVE TEST
OF TESTING.
WORK DESCRIPTION: COMPLIED WITH ABOVE.

2 BHA 2HV9351 0-4031-011 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK NO. 2 FI
PROB. DESCRIPTION: REWORK OF CABLES 2AD04010G AND
WORK DESCRIPTION: NOT STATED.

OFFER NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

06/10/83 01:00:00 06/13/83 01:00:00 72

Also Available On
Aperture Card

AND PIPING AND CONDUCTED IN SERVICE INSPECTION

06/19/83 01:00:00 06/23/83 01:00:00 96

VALVE
HINGE PIN LEAK.

07/15/83 01:00:00 07/20/83 01:00:00 120

INJECTION TANK AND RCS

07/15/83 01:00:00 07/20/83 01:00:00 120

VALVE

07/23/83 01:00:00 08/08/83 01:00:00 384

AND HEAD.

01/17/83 01:00:00 01/27/83 01:00:00 240

PIECE AND INSTALL TURBINE FLOW METER TEST LOOP
LOOP AND REINSTALL SPOOL PIECE AT COMPLETION

TI
APERTURE
CARD

02/24/83 01:00:00 03/03/83 01:00:00 168

LL LINE
2A004010F.

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SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYP

2 BHA S21204MP019 83301826000 CM
 FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO
 PROB. DESCRIPTION: DIRTY OIL IN MOTOR.
 WORK DESCRIPTION: DREW OIL FROM INBOARD & OIT
 NEW OIL (GST 46) AND REFILLED.

2 BHA 2FT03112 83305691000 CM
 FUNC. DESCRIPTION: SAFETY INJECTION FLOW TO TAN
 PROB. DESCRIPTION: TEST TEES IN SENSING LINES T
 WORK DESCRIPTION: REMOVED TEST TEES FROM BOTH
 TREAT # IS (TEES) 101F FOR BOTH S
 FOR BOTH.

2 BHA 2FT03311 83305693000 CM
 FUNC. DESCRIPTION: SAFETY INJECTION FLOW TO TAN
 PROB. DESCRIPTION: TEST TEE ON SENSING LINE TO
 WORK DESCRIPTION: REMOVED TEST TEES & CAPS FROM
 AND CAPS. HEAT TREAT #'S ARE 101F
 (BOTH).

2 BHA 2FT94211 83304010000 CM
 FUNC. DESCRIPTION: HP SAFETY INJECTION FLOW TRAN
 PROB. DESCRIPTION: INPUT TUBING TEE NEEDS TO RE
 WORK DESCRIPTION: REMOVED OLD TUBING TEES AND P
 234DEG F HIGH SIDE; HEAT 180DEG F

2 BHA 2PSV9349 83306390000 CM
 FUNC. DESCRIPTION: SHUTDN COOLING FLOW FROM RC L
 PROB. DESCRIPTION: REMOVE PSV PRESENTLY INSTALLE
 WORK DESCRIPTION: INSTALL REPLACEMENT PSV(SN N60761-
 REMOVED OLD VALVE - CLEANED F
 VALVE & PLACED NUTS ON FINGER TIGH
 TORQUED BOTTOM BOLTS TO 370 FT. LB

2 BHA S21204MP019 83700914000 SV
 FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO 2
 PROB. DESCRIPTION: INSTALL TEST FLOW METER (TUR
 WORK DESCRIPTION: OF PUMP TO SUPPORT IN SERVICE INSP
 BREECHED SYSTEM WITH HP & FME
 FLANGE 180 DEGREES. INSTALLED SPON
 METER. SYSTEM NOW READY FOR TEST.

WOFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

08/12/83 00:01:00 08/12/83 05:45:00 5

Also Available On
Aperture Card

BOARD BRGS., FLUSHED THE BRG. RESEVOIRS WITH

10/24/83 18:00:00 10/26/83 01:00:00 31

1
TRANSMITTER ARE GALLED.
HIGH SIDE & LO SIDE & INSTALLED NEW TEES. HEAT
IDES. THE HEAT TREAT # IS (CAPS) 193C

06/21/83 07:00:00 06/23/83 01:00:00 42

3
TRANSMITTERS ARE GALLED.
HI & LO SIDE OF XMITTER AND INSTALLED NEW TEES
FOR TEES (BOTH) AND 193C FOR CAPS

07/01/83 10:00:00 07/08/83 01:00:00 159

SMITTER TO RCS LOOP 23
REPLACED
EPLACED WITH NEW QC II TEES. HEAT
LOW SIDE.

12/10/83 07:30:00 12/14/83 23:00:00 112

COPS #2
D IN 2PSV9349 LOCATION (SN N60061-00-000
00-0003) & RETAG 2PSV9349.
LANGED INSTALLED NEW GASKET ON BASE AND INSTALLED
T.
S IN A TWO STEP SEQUENCE.

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APERTURE
CARD

08/05/83 00:30:00 08/06/83 18:50:00 42

RINE TYPE 1 AND SUCTION AND DISCHARGE LINES
ECTION TESTING OF PUMP
PRESENT & SET LEVEL III BOUYORIES. TURNED SUCTION
L NO'S (TEMP.) 2,4,3,9,10,7,8 ALONG WITH FLOW
RESTORED SYSTEM PIPING AS PER SPEC.

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BHA 2HV9351 83701341000 CM
 FUNC. DESCRIPTION: X
 PROB. DESCRIPTION: BORON CRYSTALS VALVE LEAKS BY
 SIT # 007.
 WORK DESCRIPTION: GLAND ADJUSTED ONLY SATISFAC
 2/17/83 AT NORMAL OPERATING TEMPE
 NO LEAKAGE OBSERVED.

2 BHA S21201MU015 83701344000 CM
 FUNC. DESCRIPTION: SHUTCN COOL LINE TO LPSI PUMP
 PROB. DESCRIPTION: VALVE 1201MU015 HAS A PACKING
 (LOCATED IN LPSI PUMP 2P-016 ROOM)
 WORK DESCRIPTION: ADJUSTED PACKING. NO LEAKS

2 BHA S21204MP018 83705661000 SV
 FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO 3
 PROB. DESCRIPTION: INSTALL TEST GAUGES TO HP SI
 ASSOCIATED TEMPORARY TEST PIPING A
 OF PUMP. TIME EXTENDED DUE TO COA
 WORK DESCRIPTION: INSTALLED GAUGE ON SUCTION SI
 INSTALLED FLOW METER. INSTALLED 3
 RETURNED PUMP TO NORMAL CONFIGURAT

2 BHA S21204MP017 83706092001 SV
 FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECTION
 PROB. DESCRIPTION: INSTALL TURBINE FLOW METER, G
 WORK DESCRIPTION: REMOVED PERMANENT PIPING AND
 METER. RETURNED PUMP TO NORMAL CO
 TESTING.

2 BHA S21204MP015 83706427000 SV
 FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP NO 1
 PROB. DESCRIPTION: INSTALL TEST GAUGES TO LPSI P
 AT ROOT VALVE OF DISCHARGE LINE.
 WORK DESCRIPTION: INSTALLED GAUGE NO. E02051 ON
 NO. E02062 ON SECTION LINE OF DUMP
 ENGINEERS REQUEST AFTER TEST WAS C

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/04/83 13:00:00 12/04/83 15:00:00 2

Also Available On
Aperture Card

PACKING. LOCATED 50% CONTAINMENT BY

ORY. READJUSTED PACKING GLAND. INSPECTED VALVE 1
ATURE PRESSURE PER UNIT 2 CONTROL OPERATOR.

11/29/83 14:05:00 11/30/83 10:00:00 20

P015

LEAK. REPAIR AS NECESSARY TO STOP LEAK

005)

E VISIBLE.

09/24/83 07:00:00 10/28/83 02:00:00 811

UMP FOR ISI TEST. INSTALL TURBINE FLOW METER AND
S REQUIRED FOR INSERVICE INSPECTION TESTING
CURRENT COMPONENT COOLING WATER WORK.
CE OF HP51 P018 9/24/83. MODIFIED PIPING AND
AUGE ON DISCHARGE AND SUCTION SIDES OF P018.
ION AFTER ENGINEERS COMPLETED TESTING.

10/20/83 17:00:00 10/23/83 14:30:00 69

N PUMP NO. 17

AGES AND ASSOCIATED PIPING FOR IN SERVICE TEST.
INSTALLED TEMPORARY TEST PIRING. GAGES AND FLOW
NFIGURATION AFTER ENGINEERS COMPLETED

09/30/83 08:30:00 09/30/83 11:00:00 3

TI
APERTURE
CARD

UMP SUCTION AT TEST TEE FOR ISI: DISCHARGE

DISCHARGE LINE OF DUMP AND INSTALLED GAUGE
AS REQUESTED. REMOVED BOTH GAUGES ON
OMPLETED.

8404050022 H

SAS048

UNIT	SYSTEM	EQUIPMENT	I.D.	M.O. NUMBER	TYPE
2	BHA	S21204MP016		83706428000	SV
<p>FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP NO 2</p> <p>PROB. DESCRIPTION: INSTALL TEST GAUGES FOR ISI.</p> <p>WORK DESCRIPTION: INSTALLED GAUGE NO E02051 ON D N1 E02062 ON SECTION LINE OF PUMPS ENGINEERS REQUEST AFTER TEST WAS CO</p>					
2	BHA	S21204MP017		83709786001	SV
<p>FUNC. DESCRIPTION: SAFETY INJECTION PUMP NO. 2</p> <p>PROB. DESCRIPTION: INSTALL TURBINE FLOWMETER AND REMOVE TEMPORARY FLOWMETER AND ASSO NECESSARY TEST GAGES ON SUCTION AND</p> <p>WORK DESCRIPTION: TEMPORARY PIPING WAS FABRICATE PERMANENT PIPING WAS REPLACED AND O</p>					
2	BHA	S21204MP019		83710719000	SV
<p>FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO 2</p> <p>PROB. DESCRIPTION: INSTALL TEST GAUGES FOR ISI. O IS 604. ISI TO BE DONE 11-9-83.</p> <p>WORK DESCRIPTION: PLACED GAUGES ON HPSI P013 AS FROM HPSI P019 AND PUT SS CAPS ON O</p>					
2	BHA	S21204MU015		83710869001	CM
<p>FUNC. DESCRIPTION: DISCH FROM HPSI PUMP P019</p> <p>PROB. DESCRIPTION: VALVE WILL NOT FULLY CLOSE, SE</p> <p>WORK DESCRIPTION: MACHINED DISK SKIRT TO 4.731". MOVED TACK WELDS. FGG 12/09/83 MEASURED ID OF BODY: BEFORE 4.750</p>					
2	BHA	S21204MP015		83711588000	CM
<p>FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP NO 1</p> <p>PROB. DESCRIPTION: SEQUENCING RELAY FOR LOADING I TO TIME OUT AT 5+OR-.5SEC. RELAY NE</p> <p>WORK DESCRIPTION: TIMED AND ADJUSTED TIME DELAY PERFORMANCE ACCEPTABLE. DATA APPEAR</p>					
2	BHA	2LT0342		83711829000	CM
<p>FUNC. DESCRIPTION: SAFETY INJECTION TANK #4 LEVEL</p> <p>PROB. DESCRIPTION: LEAKS AT VALVES AND TRANSMITTE</p> <p>WORK DESCRIPTION: CLEANED AND TIGHTENED FITTINGS</p>					

EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

09/30/83 11:00:00 09/30/83 16:30:00 5

Also Available On
Aperture Card

DISCHARGE LINE UP PUMP AND INSTALLED GAUGE
AS REQUESTED. REMOVED BOTH GAUGES ON
COMPLETED.

11/08/83 08:00:00 12/27/83 15:00:00 1183

ASSOCIATED PIPING FOR ISI. AFTER ISI TEST,
DISCHARGED PIPING. ALSO REQUIRE THE
DISCHARGE OF PUMP.
D. INSTALLED, AND THEN REMOVED AND STORED.
CHECKED FOR LEAKS. NONE FOUND.

11/09/83 07:00:00 11/09/83 16:00:00 9

DISCHARGE GAUGE IS 2000# SUCTION GAUGE

OUTLINED IN MO. 11/9/83. REMOVED GAUGES
OUTLETS. 11/9/83.

12/16/83 10:00:00 12/16/83 11:00:00 49

SEEMS TO BE GALLING
CLEANED BORE TO 1.780". CLEANED BONNET, & RE-
G AFTER 4.762.

11/24/83 01:00:00 11/24/83 06:00:00 5

ON THE GENERATOR ON SIAS FAILED
EDS ADJUSTING.
RELAY TO MEET SPECIFICATION PER S02-II-11.1.
IN ATTACHMENT 9.2 OF S02-II-11.1.

TI
APERTURE
CARD

12/05/83 08:00:00 12/06/83 16:00:00 32

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER T

2 BHA 2LT0343 83711831000
 FUNC. DESCRIPTION: SAFETY INJECTION TANK #4 L
 PROB. DESCRIPTION: LEAKS AT VALVES AND TRANSM
 WORK DESCRIPTION: CLEANED AND TIGHTENED FITT

2 BHA 2LT0333 83711833000
 FUNC. DESCRIPTION: SAFETY INJECTION TANK #3 L
 PROB. DESCRIPTION: LEAKS AT VALVES AND TRANSM
 WORK DESCRIPTION: CLEANED & TIGHTENED AS PER

2 BHA 2LT0321 83711834000
 FUNC. DESCRIPTION: SAFETY INJECTION TANK #2 L
 PROB. DESCRIPTION: LEAK AT 3-WAY VALVE
 WORK DESCRIPTION: CLEANED & TIGHTENED AS PER

2 BHA 2HV9340 83713729000
 FUNC. DESCRIPTION: SI TANK #1 TO RC LOOP 1A "D
 PROB. DESCRIPTION: VALVE WILL NOT OPEN ELECT.
 WORK DESCRIPTION: VALVE DECLARED INOPERABLE A
 ACTUATOR MOTOR WOULD NOT MOVE VA
 AND VALVE RESTORED TO OPERABLE C

ONOPRE NUCLEAR GENERATING STATION
N EMERGENCY CORE COOLING SYSTEM OUTAGES

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TYPE START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

CM 12/05/83 08:00:00 12/06/83 16:00:00 32

LEVEL

ATTER

INGS.

Also Available On
Aperture Card

CM 12/05/83 08:00:00 12/06/83 16:00:00 32

LEVEL

ATTER

SEQ. 1 & 2 - NO OTHER PROBLEM FOUND.

CM 12/05/83 08:00:00 12/06/83 16:00:00 32

LEVEL

SEQ. 1 & 2 - NO OTHER PROBLEM FOUND.

CM 12/19/83 08:30:00 12/20/83 00:30:00 16

-2" POW-R-SEAL

OR MANUALLY.

NO WATCH ENGINEERS EMERGENCY INITIATED. VALVE
LVE. STROKED VALVE BY HAND. STEM FREED UP
CONDITION.

TI
APERTURE
CARD

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SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

2 BHB 2HV9301 83304977000 CM
 FUNC. DESCRIPTION: REFUELING WTR TANK WEST CUTLE
 PROB. DESCRIPTION: BORON CRYSTAL BUILD UP
 WORK DESCRIPTION: CLEANED BORON CRYSTALS OFF VV
 STROKED VV. NO SIGN OF LEAKAGE S
 CLEANED & REINSTALLED

2 BHB 321805ESB228 83707339000 CM
 FUNC. DESCRIPTION: REFUELING WATER TANK WEST OUT
 PROB. DESCRIPTION: 480 VOLT AC LINESTARTER 28228
 SYSTEM AND CHARGING PUMP FROM SERV
 WORK DESCRIPTION: PERFORMED PREVENTATIVE MAINTENANCE

CFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

06/28/83 17:00:00 06/30/83 01:00:00 32

Also Available On
Aperture Card

TOOK UP 1 FLAT ON GLAND NUTS.
SUGGEST LEAK OFF PLUG BE REMOVED.

11/30/83 05:00:00 11/30/83 06:00:00 1

LET HV9301
/2HV9301 MAINTENANCE. REMOVES REACTIVITY CONTROL
ICE. TECH SPEC. 3.5.2.
NANCE IN ACCORDANCE WITH S023-I-A.28.

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APERTURE
CARD

8404050022-17

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 BKA S21205MP013 0-10246 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP MOTOR
WORK DESCRIPTION: INVESTIGATED FAILURE OF LOWER

2 BKA 2PSV9442 C-19673 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY RELIEF VALVE
WORK DESCRIPTION: LEAKAGE FROM RELIEF VALVE IN
TECH SPEC: 3.6.2.2

2 BKA 2HV8151 0-24197 CM
FUNC. DESCRIPTION: SHUTDOWN HEAT EXCHANGER E003
PROB. DESCRIPTION: FAILURE OF VALVE TO OPEN FROM
WORK DESCRIPTION: TECH SPEC: 3.4.1.4.2

2 BKA S1206MP01X 0-31104 SV
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP
PROB. DESCRIPTION: INSPECTION OF UPPER MOTOR BE
WORK DESCRIPTION: INSPECTION COMPLETED.

2 BKA S21204MP020 83301825000 CM
FUNC. DESCRIPTION: SPRAY CHEM ADDITION PUMP
PROB. DESCRIPTION: DIRTY OIL IN MOTOR.
WORK DESCRIPTION: CHANGED OIL AND REPLACED SET

2 BKA 2FV0318 83703517000 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY CHEM STORA
PROB. DESCRIPTION: VALVE WILL NOT OPEN IN MANUA
LCCAR 2-83-599
WORK DESCRIPTION: DISCONNECTED WIRES FROM VALVE
TIGHTENED ACTUATOR HOLD DOWN SPAN

2 BKA S21204MT105 83705253002 CM
FUNC. DESCRIPTION: SPRAY CHEM STORAGE TANK
PROB. DESCRIPTION: LEVEL HI. DRAIN TO 95% ****
WORK DESCRIPTION: DRAINED DOWN TANK AND REPLAC

ORE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

03/05/83 01:00:00 03/14/83 01:00:00 216

Also Available On
Aperture Card

MOTOR BEARING.

06/27/83 01:00:00 06/30/83 01:00:00 72

E
CONTAINMENT SPRAY BYPASS LINE TO PUMP.

05/22/83 01:00:00 05/25/83 01:00:00 72

OUTLET ISOLATION VALVE
CONTROL ROOM.

07/22/83 01:00:00 08/01/83 01:00:00 240

RING.

04/02/83 22:00:00 04/03/83 01:00:00 3

SCREW IN CHICKEN FEEDER.

08/30/83 07:00:00 08/31/83 08:45:00 25

GE TANK FLOW

& LABELED.
NER NUT.

09/23/83 08:00:30 09/25/83 14:25:40 54

CAUTION: CAUSTIC SODIUM HYDROXIDE.....
ED FLEXITALIC GASKET.

TI
APERTURE
CARD

8404050022-18

SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYP

2 BKA 2HV9399 8371138000 SV
 FUNC. DESCRIPTION: CONTAINMENT CHEMICAL ADDITION
 PROB. DESCRIPTION: VALVE FAILED SURVEILLANCE SIGNAL
 WORK DESCRIPTION: HAD OPERATIONS STROKE VALVE.

2 BKA 2HS93951 83711381000 CM
 FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP #012
 PROB. DESCRIPTION: PUSHBUTTON FAILED SURVEILLANCE
 WORK DESCRIPTION: WORK AND ALARM DID NOT COME IN ON
 OBTAINED APPROVAL. JUMPED A
 CLOSED. OPERATIONS PUSHED OVER RID
 ED PROPERLY. PUSHED STOP BUTTON AT

2 BKA S21206MU014 83713728000 CM
 FUNC. DESCRIPTION: CONTNT SP.PMP # 2 DISCHARGE S
 PROB. DESCRIPTION: DISCHARGE VALVE FAILS TO OPEN
 WORK DESCRIPTION: OBTAINED VERRAL FROM OPERATIO
 TING VALVE HANDWHEEL BACK ON. FREE
 AND THAT THE HANDWHEEL WAS IN PLAC

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

11/25/83 02:02:00 11/25/83 02:02:00 0
PUMP P020 DISCHARGE VALVE
3-3-3-11.1 HAD DUAL INDICATION.
FOUND NO DUAL INDICATION.

Also Available On
Aperture Card

12/05/83 07:30:00 12/08/83 14:00:00 79

E-S023-3-11.1. OVERRIDE LIGHT DID NOT
ANNUNCIATOR 57A33.
CROSS TERMINALS 1 AND 5 ON TDE 162. BREAKER THEN
E BUTTON. OVER RIDE LIGHT AND ALARM FUNCTION
D BREAKER TRIPPED. FUNCTIONAL TEST SAT.

12/20/83 09:00:00 12/20/83 13:00:00 4
T.CHK VLV.

NS. FOUND VALVE TO BE BINDING SLIGHTLY AFTER PUT-
D VALVE. INSURED IT WAS IN THE OPEN POSITION
E.

TI
APERTURE
CARD

8404050022 -19

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYP

2 KJA S22420MG002 C-29592 PM
FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 002
WORK DESCRIPTION: CHANGED OUT TURBO CHARGER ON

2 KJA S21804ESA0413 83303645000 CM
FUNC. DESCRIPTION: EMERGENCY STANDBY DIESEL GEN
PROB. DESCRIPTION: DIESEL DID NOT HAVE SPEED CO
WORK DESCRIPTION: WATCH ENGINEERS EMERGENCY; D
CONTROL FAILED. SHUTDOWN 26002. OF
COIL LEAD. 26002 RESTARTED-FUNCTIO

2 KJA S22420MP997 83303538000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR CIRCULATING
PROB. DESCRIPTION: DIESEL GEN. CIRC. PMP. P997
WORK DESCRIPTION: DISASSEMBLED PIPING, CLEANED.

2 KJA S22420MG002 83700180000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR
PROB. DESCRIPTION: *VIBRATION DAMPER ON ENGINE #
WORK DESCRIPTION: INSTALLED NEW DAMPER 8323945

2 KJA S22420MG002 83702091000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR
PROB. DESCRIPTION: *TURBO CHARGER AND SPRING GEAR
HE CHANGED TO MEET SCE'S COMMITTEE
IMPLEMENTS DCP-21020SM, ENGINE #1
WORK DESCRIPTION: INSPECTED RIGHT & LEFT BANK A
ERS, INSPECTION SAT. (11/23/83). EN

2 KJA S22420MG002 83702456000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR
PROB. DESCRIPTION: *TURBO CHARGER & SPRING GEAR
HE CHANGED TO MEET SCE'S COMMITTEE
IMPLEMENT DCP-2-1020SM ENGINE #2 TR
WORK DESCRIPTION: FILED OFF .027" ON RIGHT AIR
13.442". (11/23/83). ENLARGED AIR

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

06/17/83 01:00:00 07/10/83 01:00:00 552

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Aperture Card

EMERGENCY DIESEL ENGINE WITH PLANT IN MODE 5.

05/16/83 01:00:00 05/16/83 02:00:00 1

ERATOR 0002

CONTROL WHEN SURVEILLANCE WAS PERFORMED

ELGEN, 26002 RUNNING- NO SPEED CONTROL, LOCAL

OPERATED RELAY K8 ELECTRICALLY BY LIFTING

NEED PROPERLY.

08/15/83 08:00:00 08/15/83 1:00:00 14

PUMP

LUBE OIL) LEAKS OIL AT PMP FITTINGS..

INSTALLED WITH GRAPHOIL TAPE.

11/20/83 19:00:00 11/25/83 16:21:00 117

2 REQUIRES REPLACEMENT.

NCR2-343. REINSTALLED ORIGINAL HOUSING.

11/21/83 12:00:00 11/24/83 16:10:00 76

R DRIVE ON 16 CYLINDER ENGINE NEEDS TO

NT MADE TO NRC QUESTION 040.72. THIS W.O.

RAIN A.

FTER COOLERS, STRAIGHTENED BENT FINS ON BOTH COOL-
LARGED HOLES ON AIR DUCTS TO 5/8".

11/21/83 20:00:00 11/25/83 16:22:00 92

RIVE ON THE 20 CYLINDER ENGINE NEEDS TO

T MADE TO NRC QUESTION 040.72. THIS W/O

RAIN A.

DUCT, INITIAL READING 12.469" READING AFTER FILING

DUCTS HOLES TO 5/8" PER M.O. 83711791 (11/24)

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APERTURE
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8404050022 -20

SASO4R

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 KJA S22420MG002 83711597000 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR
 PROB. DESCRIPTION: WITH AVR A IN SERVICE, STEADY
 AS PER S023-3-3.12 WAS 4550. READ
 VOLTAGE ADJUSTMENT ON AVR B.
 WORK DESCRIPTION: READJUSTED VOLTAGE TO NOMINAL

2 KJA S22420MG002 83711661000 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR
 PROB. DESCRIPTION: CLEAN SUMP ON DIESEL CRANKCAS
 ENGINE #1 (16 CYL.)
 WORK DESCRIPTION: CLEANED SUMP, CHECKED FOR FOR

2 KJA S22420MG002 83711662000 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR
 PROB. DESCRIPTION: CLEAN SUMP ON DIESEL CRANKCAS
 ENGINE#2 (20 CYL.)
 WORK DESCRIPTION: CLEANED SUMP, CHECKED FOR FOR

2 KJA S22420MG002 83712032000 SV
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINE-002
 PROB. DESCRIPTION: RUN DIESEL AT IDLE
 ***** REFERENCE EL DW 30166, 31
 WORK DESCRIPTION: OBTAINED WORK AUTHORIZATION,
 IDLE SPEED.

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

11/25/83 06:00:00 11/25/83 17:10:00 11

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STATE VOLTAGE IN THE ISOLATED MODE
JUST TO A NOMINAL 4360V. VERIFY PROPER

4360V. VERIFIED ADJUSTMENT ON AVR B.

11/23/83 06:00:00 11/24/83 08:00:00 26

E
EIGN MATERIALS. RE-TORQUED COVERS 25 FT LBS.

11/23/83 06:00:00 11/24/83 08:00:00 26

E
EIGN MATERIALS. TORQUED COVERS TO 25 FT LBS.

11/25/83 06:00:00 11/25/83 20:40:00 14

638.
LIFTED LEAD 461 OF 2301 UNIT AND RAN DIESEL AT

TI
APERTURE
CARD

8404050022 -21

SAS048

SAN
REPORT ON

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TY

2 KJB S2MG002 AND MG003 0-2464-0008 CM
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINES
 WORK DESCRIPTION: REF:DCR-1020SM REV 0. REPLAC
 TURBOS ON BOTH EMERGENCY DIESELS.

2 KJB S33430MG002 0-24744 CM
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 003
 PROB. DESCRIPTION: FOUND WATER CONTAMINATION IN
 WORK DESCRIPTION: NOT STATED.

2 KJB S22420MG003 0-2506-004 SV
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 003
 WORK DESCRIPTION: REF:DCR-1365SM REV 0. VERIFIED
 YPE DAMPER HAS BEEN INSTALLED.

2 KJB S21204ESA0 0-25177 SV
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 003
 WORK DESCRIPTION: PERFORMED PHASE TEST ON 20003
 TECH SPEC:3.8.1.1

2 KJB S22420MG003 83303915000 PM
 FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 003
 PROB. DESCRIPTION: CHANGE LUBE OIL, TURBO, SOAK
 WORK DESCRIPTION: CHANGED OIL AND REPLACED FILT

2 KJB S22420MP998 83305659000 PM
 FUNC. DESCRIPTION: DIESEL GENERATOR CIRCULATING P
 PROB. DESCRIPTION: DIESEL LUBE OIL CIRC PUMP CHAS
 WORK DESCRIPTION: VERIFIED PUMP NUMBER. TAG ON P
 & MARKED WIRING WITH WIRE NUMBERS.

2 KJB S22420MP999 83305830001 CM
 FUNC. DESCRIPTION: CIRCULATING OIL PUMP, STANDBY
 PROB. DESCRIPTION: EXCESSIVE VIBRATION, NOISE. PUM
 NEAR FUTURE. LUBE OIL CIRC PP MD-99
 WORK DESCRIPTION: OBTAINED CLEARANCE (ELECT. DTE
 PUMP AND MOTOR. INSTALLED NEW PUMP
 ALIGNMENT COMPLETE AND COUPLED. VER

ONOFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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DATE-START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

10/14/83 01:00:00 10/15/83 01:00:00 24
Also Available On
Aperture Card

EXISTING STANDARD DUTY TURBOS WITH HEAVY DUTY

03/18/83 01:00:00 03/21/83 01:00:00 72

DIESEL FUEL

11/18/83 01:00:00 12/04/83 01:00:00 384

THAT DIESEL GEN. VISCOUS DAMPER WITH GEAR

03/25/83 01:00:00 04/01/83 01:00:00 168

EMERGENCY STANDBY DIESEL GENERATOR.

05/26/83 06:00:00 05/27/83 14:14:00 32

BACK FILTERS AND STRAINERS.
ERS PER WORK PLAN.

11/30/83 02:00:00 12/02/83 09:15:00 52

PUMP
SE CUT

PUMP IS MARKED MP098. DISCONNECTED POWER TERMINALS
REPLACED LUBE OIL CIRC PUMP.

08/29/83 08:30:00 08/30/83 09:30:00 25

DIESEL ENGINE 26003

P IS RUNNING NOT POSSIBLE BEARING FAILURE IN

9, DIESEL GEN. 26003

MINATED MOTOR UNDER SEPERATE W.O.). REMOVED OLD

AND MOTOR. PUMP NOT YET ALIGNED TO MOTOR.

IFIED COUPLING & ALIGNMENT COMPLETE (QC).

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APERTURE
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8404050022 -22

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 KJB S22420MP999 83306069000 CM
 FUNC. DESCRIPTION: CIRCULATING OIL PUMP, STAYDOWN
 PROB. DESCRIPTION: DETERMINATE MOTOR AND RETURN
 WORK DESCRIPTION: DETERMINATED MOTOR LEADS, MA
 LEADS AND MEGGERED MOTOR, READING
 MOTOR RUN CURRENT IS 1.8 ON ALL P

2 KJB S22420MG003 83700191001 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
 PROB. DESCRIPTION: *VIBRATION DAMPER ON ENG #1
 WORK DESCRIPTION: COUPLING HALF FOR LOVE JOY L
 BROKEN OFF WHILE PERFORMING BACKL
 COUPLING HALF FROM ENGINE #2 SCAVE

2 KJB S22420MG003 83700192001 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
 PROB. DESCRIPTION: *VIBRATION DAMPER ON ENGINE B
 WORK DESCRIPTION: INSTALLED NEW SCAVENGING OIL

2 KJB S22420MG003 83702693000 CM
 FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
 PROB. DESCRIPTION: FLANGE LEAKS COOLANT- FLANGE
 NOT STOP LEAK, REPAIR IS NECESSARY
 WORK DESCRIPTION: DRAINED COOLING WATER, BROKE
 AND REASSEMBLED.

2 KJB 2TCHH5947C2 83704932000 CM
 FUNC. DESCRIPTION: DIS GEN 0003 20 CYL-COOLING
 PROB. DESCRIPTION: OUT OF CALIB. WORKED UNDER W.E
 WORK DESCRIPTION: RECALIBRATED PER 0023-II-9.12
 ENGINEERS EMERGENCY.

2 KJB 2TCHH5949C2 83704933000 CM
 FUNC. DESCRIPTION: DIESEL GEN 0003 20 CYL COOLING
 PROB. DESCRIPTION: OUT OF CALIB. WORKED UNDER W.E
 WORK DESCRIPTION: RECALIBRATED PER 0023-II-9.12

DATE START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

08/29/83 07:30:00 08/30/83 12:00:00 29

Y DIESEL ENGINE 26003
INATE AND MEGGER AFTER PUMP AND MOTOR REPLACEMENT
RKED LEADS FOR RETERMINATION. RETERMINATED MOTOR
200ML. BUMPED MOTOR TO CHECK PROPER ROTATION.
PHASES. STARTING CURRENT WAS 2.5 AMPS.

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11/29/83 21:30:00 12/03/83 12:00:00 87

REQUIRES REPLACEMENT.
990 COUPLING ON SCAVENGING OIL PUMP HAD AN EAR
SH CHECK. COUPLING HALF WAS REPLACED WITH
NGING PUMP. REPLACED DAMPER.

11/29/83 21:16:00 12/03/83 12:30:00 87

2 REQUIRES REPLACEMENT.
PUMP P/N 8417074.

08/29/83 08:00:00 08/31/83 09:30:00 49

WAS TIGHTENED UNDER W.O.#27813. DID
SYSTEM. 8- DISASSEMBLED PIPE. INSTALLED NEW GASKET

09/12/83 12:00:00 09/21/83 13:15:00 217

TR
EMERGENCY ON 9/12/83
AND RETURNED TO SERVICE UNDER WATCH

09/12/83 12:00:00 09/21/83 13:15:00 217

ATER
EMERGENCY ON 9/12/83
REV 1 AND RETURNED TO SERVICE.

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APERTURE
CARD

8404050022-23

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 KJB 2TCH595402 83704934000 CM
FUNC. DESCRIPTION: 0 GEN 0003 20 CYL COOLING WAT
PROB. DESCRIPTION: OUT OF CALIB. WORKED UNDER W.
WORK DESCRIPTION: RECALIBRATED PER 0023-II-9.12

2 KJB S22420MG003 83705702001 CM
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: *TURBO CHARGER AND SPRING GEAR
BE CHANGED TO MEET SCE'S COMMITTEE
WILL IMPLEMENT D.C.P. 21020SM, ENGI
WORK DESCRIPTION: INSTALLED GEAR ASSEMBLY

2 KJB S22420MG003 83705705001 CM
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: *TURBO CHARGER & SPRING GEAR O
BE CHANGED TO MEET SCE'S COMMITTEEN
IMPLEMENT DCP-2-1020SM ENGINE #2 TR
WORK DESCRIPTION: INSTALLED GEAR ASSEMBLY 195153

2 KJB S22420MG003 83708504000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: ENGINE THERMOSTAT ELEMENTS AND
WORK DESCRIPTION: REMOVED FIPING PER STEP 2. REM
INSTALLED 2 NEW THERMOSTAT ELEMENTS
DISTURBED.

2 KJB S22420MG003 83708951000 SV
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: 18 MO. DIESEL GENERATOR INSPECT
WORK DESCRIPTION: PERFORMED SURVEILLANCE ON BOTH
SURVEILLANCE UNTIL ENGINE IS BACK TO
SUMPS OUT ON BOTH ENGINES SINCE OIL

2 KJB S22420MG003 83711654000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: CLEAN SUMP ON DIESEL CRANKCASE
ENGINE#1 (16 CYL.)
WORK DESCRIPTION: PERFORMED WORK IN ACCORDANCE W2

OFFER NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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09/12/83 12:00:00 09/21/83 13:15:00 217

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Aperture Card

ER
E. EMERGENCY ON 9/12/83
B. REV 1 AND RETURNED TO SERVICE.

11/29/83 21:10:00 12/03/83 09:00:00 84

R DRIVE ON 16 CYLINDER ENGINE NEEDS TO
T MADE TO NRC QUESTION 040.72. THIS W/O.
E #1 TRAIN A.

11/29/83 21:30:00 12/03/83 12:15:00 87

RIVE ON THE 20 CYLINDER ENGINE NEEDS TO
T MADE TO NRC QUESTION 040.72. THIS W/O
AIN A.
31 S/N 81-F-62.

12/02/83 15:00:00 12/03/83 13:45:00 22

SEALS NEED REPLACED ON ENGINE #1
MOVED 2 THERMOSTATS TO INSPECT SEATING SURFACES.
10 OLD THERMOSTAT ELEMENTS WERE NOT

11/29/83 22:30:00 12/03/83 08:00:00 82

ION
ENGINES 11/29 & 11/30. WILL NOT COMPLETE
GETHER FROM OTHER M.O.'S. CLEANED OUT OIL
WAS DRAINED OUT.

11/30/83 17:00:00 12/01/83 16:30:00 23

TI
APERTURE
CARD

H MAINTENANCE PLAN.

8404050022 -24

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

2 KJB S22420MG003 83711665000 CM
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: CLEAN SUMP ON DIESEL CRANKCA
ENGINE #2 (20 CYL.)
WORK DESCRIPTION: PERFORMED WORK IN ACCORDANCE

2 KJB S22420MG003 83712803000 SV
FUNC. DESCRIPTION: DIESEL GENERATOR ASSEMBLY
PROB. DESCRIPTION: RUN DIESEL AT IDLE - NEED WIRE
***** REFERENCE EL DW S023-403-
WORK DESCRIPTION: OBTAINED WORK AUTHORIZATION
CONTROL AND RAN DIESEL AT IDLE.

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/01/83 23:00:00 12/02/83 05:50:00

6

Also Available On
Aperture Card

WITH MAINTENANCE PLAN.

12/02/83 06:00:00 12/02/83 08:54:00

2

LIFTED
12-69

TURNED AVR TO OFF, LIFTED WIRE #14 ON SPEED

TI
APERTURE
CARD

8404050022 - 25

SAS048

SAN 0
REPORT ON

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 PBA S21804ESA0 0-15825 PM
FUNC. DESCRIPTION: 1E 4.16 KV BUSS BREAKERS
WORK DESCRIPTION: INSPECTED, CLEANED AND ADJUST

2 PBA S21804ESA0 0-31187 CM
FUNC. DESCRIPTION: 1E 4.16 KV SYSTEM - 2A04
PROB. DESCRIPTION: INVERTER SHORTED SECONDARIES.
WORK DESCRIPTION: NOT STATED.

2 PBA S21804ESA04 83301559000 PM
FUNC. DESCRIPTION: 4160V SWITCHGEAR
PROB. DESCRIPTION: 1E 4KV SAGR INSPECTIONS
WORK DESCRIPTION: CLEANED, INSPECTED AND MEGGER

2 PBA S21804ESA0412 83306121000 CM
FUNC. DESCRIPTION: FEED FROM STANDBY DIESEL 2000
PROB. DESCRIPTION: BREAKER FAILED CLOSING TIME T
WORK DESCRIPTION: RETEST 2A0412, 1A-5023-I-4.5
TRIP 34/33/34
CLOSE 58/68/68

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

05/29/83 01:00:00 06/01/83 01:00:00 72

ED ALL BREAKERS.

07/24/83 01:00:00 08/03/83 01:00:00 240

04/09/83 14:00:00 04/11/83 10:00:00 44

ED 404 BUS.

05/07/83 01:18:00 05/10/83 18:10:00 89

ST PER MO#83301758

TI
APERTURE
CARD

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UNIT SYSTEM EQUIPMENT - I.G. M.O. NUMBER TYPE

2 PBB S21804ESA0 0-15826 PM
 FUNC. DESCRIPTION: 1E 4.16 KV BUSS BREAKERS
 WORK DESCRIPTION: INSPECTED, CLEANED AND ADJUST

2 PBB S21804ESA0 0-25039 CM
 FUNC. DESCRIPTION: 1E 4.16KV SYSTEM POWER CENTER
 PROB. DESCRIPTION: DAMAGED CIRCUIT BREAKER.
 WORK DESCRIPTION: NOT STATED.

2 PBB S21804ESA06 83301516000 PM
 FUNC. DESCRIPTION: 4160 V SWITCHGEAR 2A06
 PROB. DESCRIPTION: 1E 4KV AIR CKT BREAKER INSPEC
 WORK DESCRIPTION: CLEANED, INSPECTED AND MEGGERE

2 PBB S21804ESA06 83301517000 PM
 FUNC. DESCRIPTION: 4160 V SWITCHGEAR 2A06
 PROB. DESCRIPTION: 1E 4KV SWGR INSPECTIONS
 WORK DESCRIPTION: CLEANED, INSPECTED AND MEGGERE

2 PBB 2XXR7400 83305301000 PM
 FUNC. DESCRIPTION: RESERVE AUXILLIARY TRANSFORMER
 WORK DESCRIPTION: 1. OBTAINED W.A.
 2. PERFORMED WORK AS PER SO123-II-1
 3. DID NOT PERFORM TRIP TEST

2 PBB S21804ESA06 83706925000 CM
 FUNC. DESCRIPTION: 4160 V SWITCHGEAR 2A06
 PROB. DESCRIPTION: NEED TO PERFORM PROCEDURE SO2-3
 WORK DESCRIPTION: STARTED TEST PM 2A0405. TIMER F
 SUPERVISOR.

NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

05/28/83 01:00:00 05/31/83 01:00:00 72

Also Available On
Aperture Card

ED ALL BREAKERS.

03/24/83 01:00:00 03/29/83 01:00:00 120
2806

03/23/83 08:00:00 03/24/83 08:00:00 24

IONS

0.

03/24/83 08:00:00 03/25/83 08:00:00 24

0.

06/27/83 13:30:00 06/27/83 17:30:00 4
PRCT ESF EUSB CXXR74CD-C//31474/30225

152 REV. 1 TCM 142

11/06/83 15:30:00 11/18/83 10:00:00 283

P1-11

TAILED AT AVERAGE 9.91 SECONDS. NOTIFIED CO AND

TI
APERTURE
CARD

8404050022 -27

SAS048

SAN
REPORT ON

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TY

2 PEA 2160ITE602G002 83305228000 P
FUNC. DESCRIPTION: DSL GEN 2G002 VOLT HAL RLY
PROB. DESCRIPTION: DSL GEN VOLT HAL RLY 160 24
WORK DESCRIPTION: OBTAINED WA. PERFORMED OM.
OBTAINED REPLACEMENT RELAY FROM
REPLACEMENT RELAY.

ONOPRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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PE START-DATE-START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

M 06/27/83 15:33:00 06/30/83 01:00:00 58

160
00413RS-R/30329(R2)

FOUND RELAY CONTACTS BAD. INITIATED NCR-2-372.
WAREHOUSE AND INITIATED FOR'S. INSTALLED

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APERTURE
CARD

8404050022 -28

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

2 FEB 2HSL64229A

0-25053

CM

FUNC. DESCRIPTION:

PROB. DESCRIPTION:

WORK DESCRIPTION:

POWER RELAY SPRING PROBLEM,
NOT STATED.

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EMERGENCY CORE COOLING SYSTEM OUTAGES

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

03/24/83 01:00:00 04/01/83 01:00:00 192

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APERTURE
CARD

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UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

2 PGA 2804 0-19750 CM
 FUNC. DESCRIPTION: 1E 480V SYSTEM POWER CENTER 2
 PROB. DESCRIPTION: SOLID STATE TRIP DEVICE CAPAC
 PROGRAM INITIATED TO CHANGE OUT DE
 AFFECTED.
 WORK DESCRIPTION: TRIP DEVICES REPLACED.
 TECH SPEC:3.9.1.1

2 PGA S21805ESB04 83301578000 PM
 FUNC. DESCRIPTION: 480 V LCADCENTER 2804
 PROB. DESCRIPTION: 480V LCADCENTER INSP.
 WORK DESCRIPTION: CLEANED AND MEGGERED.

2 PGA S21805BRKRS 83305433000 SV
 FUNC. DESCRIPTION: LOW VOLTAGE BREAKERS
 PROB. DESCRIPTION: 18M CONTAINMENT CIRC BRKR OVE
 WORK DESCRIPTION: PERFORMED OVERCURRENT TRIP TE

PRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

01/01/83 01:00:00 03/11/83 01:00:00 1656

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04
FACTORS FOUND TO AGE PREMATURELY. AGGRESSIVE
FACTORS BEFORE OPERABILITY WOULD BE

04/09/83 08:00:00 04/11/83 06:00:00 46

11/21/83 08:00:00 11/29/83 12:31:00 196

RECURRENT TEST-UNIT 2
TESTING AS PER S023-1-2.52. GE 11/28/83

TI
APERTURE
CARD

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SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

2 PGB 2806 0-19751 CM
FUNC. DESCRIPTION: 1E 480V SYSTEM POWER CENTER 2
PROB. DESCRIPTION: SOLID STATE TRIP DEVICE GAPAC
PROGRAM INITIATED TO CHANGE CLT DE
AFFECTED.
WORK DESCRIPTION: TRIP DEVICES REPLACED.
TECH SPEC: 3.8.1.1

2 PGB S21805ESB06 0-25038 CM
FUNC. DESCRIPTION: 1C 4.16KV SYSTEM POWER CENTER
PROB. DESCRIPTION: DAMAGED CIRCUIT BREAKER.
WORK DESCRIPTION: NOT STATED.

2 PGB S21805ESB06 83301579000 PM
FUNC. DESCRIPTION: 480 V LOADCENTER 2806
PROB. DESCRIPTION: 480V LOADCENTER INSP.
WORK DESCRIPTION: CLEANED, INSPECTED & MESSEGED

2 PGB S21805ESB0611 83707345000 CM
FUNC. DESCRIPTION: CONTAINMENT EMERG. FAN E402
PROB. DESCRIPTION: P.M. LOADCENTER 280611-CIRCU
WORK DESCRIPTION: OBTAINED CLEARANCE, PERFORME
ALLY TESTED OKAY.

EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

01/01/83 01:00:00 04/05/83 01:00:00 2256

Also Available On
Aperture Card

206
ITORS FOUND TO AGE PREMATURELY. AGGRESSIVE
VICES BEFORE OPERABILITY WOULD RE

03/24/83 01:00:00 03/30/83 01:00:00 144
2806

03/24/83 08:00:00 03/27/83 06:00:00 70

BUS. FAN RELAY FOUND IN BROKEN CONDITION.

11/29/83 16:00:00 11/29/83 23:00:00 7

IT BREAKER, FEED TO CONT. EMER. FAN E402
D WORK IAW SC23-I-4.6. RELEASED CLEARANCE FUNCTION-

TI
APERTURE
CARD

8404050022-31

SASC48

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYP

2 PHA S21805ESBD 0-29391 SV
FUNC. DESCRIPTION: 1E 480 VOLT SYSTEM MOTOR CON
PROR. DESCRIPTION: INSULATION OF BREAKER IS DAM

2 PHA S21805ESBD 833015R1000 PM
FUNC. DESCRIPTION: 1E 480 VOLT MOTOR CONTROL CE
PROR. DESCRIPTION: 480V MCC 3D INSPECTION
WORK DESCRIPTION: 1AW SC21-I-4.23 EXCEPT 6.2.6

OFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 45

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

06/13/83 01:00:00 06/18/83 01:00:00 120
CONTROL CENTER BREAKER
AGED Also Available On
Aperture Card

04/11/83 07:30:00 04/13/83 05:00:00 46
CENTER 2BD

2, 6.2.9.3 & 6.2.7

TI
APERTURE
CARD

8404050022-32

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

2 PHB S21805ESBE 83301593000 PM
FUNC. DESCRIPTION: 490 V MCC 2BE
PROR. DESCRIPTION: 480V MCC RE INSP
WORK DESCRIPTION: CLEANED INSPECTED AND MEGGERED
MCC CURICLE 2BE37 FOUND BROKEN, TO

OFFICE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 47

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

04/10/83 05:30:00 04/13/83 02:00:00 69

Also Available On
Aperture Card

PER S023-I-4.23, CONTROL XFMR AT
BE REPLACED UNDER NO 83302255

TI
APERTURE
CARD

8404050022 -33

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYP

2 PKA 21117573 0-30149 CM
FUNC. DESCRIPTION: 1E 125 VOLT DC BUSS
PROB. DESCRIPTION: NO INFLT TO 21117573
WORK DESCRIPTION: NOT STATED.

2 PKA S21806EQD1 0-31055 CM
FUNC. DESCRIPTION: 1E 125 VOLT DC POWER SYSTEM
PROB. DESCRIPTION: INDICATED 71% GROUND.
WORK DESCRIPTION: NOT STATED.

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

06/29/83 01:00:00 07/06/83 01:00:00 168

07/20/83 01:00:00 07/27/83 01:00:00 168

TI
APERTURE
CARD

8404050022 - 34

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

2 PNA S21807EY00 0-24563 SV
FUNC. DESCRIPTION: 1E INSTRUMENT CONTROL POWER SY
PROR. DESCRIPTION: CIRCUIT TEST UNSATISFACTORY.
WORK DESCRIPTION: TECH SPEC: 3.8.3.1

2 PNA S21807EY00 0-24926 CM
FUNC. DESCRIPTION: 1E INSTRUMENT CONTROL POWER SY
WORK DESCRIPTION: PERFORMED MAINT GE TO CORRE
TECH SPEC:3.3.2

2 PNA S21807EY003 8000427000 PM
FUNC. DESCRIPTION: INVERTER (VITAL INST BUS) 3
PROR. DESCRIPTION: CLEAN 120 VAC VITAL BUS PANEL
WORK DESCRIPTION: REMOVED PANELS FOR INTERNAL IN
PANELS.

FRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 51

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

03/16/83 01:00:00 04/14/83 01:00:00 696
STEM

Also Available On
Aperture Card

05/03/83 01:00:00 06/07/83 01:00:00 96
STEM
GT SOLID LOW FLOW ALARM.

06/22/83 06:00:00 07/10/83 01:00:00 625

2Y03
SPECTION. ALL CHECKED O.K. REINSTALLED

TI
APERTURE
CARD

8404050022-35

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

<> TOTAL MO FOR UNI

SV : 24

CM : 124

PM : 20

OFFER NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 53

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

T 2 IS : 169 <>

==> 14.2 %

==> 73.4 %

==> 11.8 %

TI
APERTURE
CARD

8404050022 - 36

SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYP

3 BGA S31208MP191 0-2020-004 CM
FUNC. DESCRIPTION: CHARGING PUMP P0191
WORK DESCRIPTION: REF:CCR3-1017.3J REV 0. COMP
WIRING REVISIONS IN 3L040, 3B0405

3 BGA S31208MP190 0-2020-005 CM
FUNC. DESCRIPTION: CHARGING PUMP P0190
WORK DESCRIPTION: REF:CCR3-1017.3J REV 0. COMP

3 BGA S31208MP192 0-2020-006 CM
FUNC. DESCRIPTION: CHARGING PUMP P0192
WORK DESCRIPTION: REF:CCR3-1017.3J REV 0. COMP
WIRING REVISIONS IN 3L040, 3B0613

3 BGA S31208MP191 83708470002 CM
FUNC. DESCRIPTION: CHARGING PUMP (C)
PROB. DESCRIPTION: CHARGING PUMP PACKING LEAK P
EXCESSIVE COOLANT LEAKAGE THRU PUM
WORK DESCRIPTION: DISASSEMBLED CHARGING PUMP,
COOLANT SUPPLY LINE TO CYLINDER B
TEST COMPLETED SUCCESSFULLY.

3 BGA S31208MP192 83713426000 PM
FUNC. DESCRIPTION: CHARGING PUMP (S)
PROB. DESCRIPTION: LUBRICATE MOTOR
WORK DESCRIPTION: LUBED MOTOR AS PER PROCEDURE

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 54

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

06/28/83 01:00:00 08/01/83 01:00:00 816

Also Available On
Aperture Card

LETE CABLE TERMINATIONS AND INTERNAL
380617.

06/28/83 01:00:00 08/01/83 01:00:00 816

LETE INTERNAL WIRING REVISIONS IN 380413.

06/28/83 01:00:00 08/01/83 01:00:00 816

LETE CABLE TERMINATIONS AND INTERNAL

10/28/83 07:30:00 11/05/83 07:30:00 192

RESSURE REGULATOR AND GAUGE BROKEN. OBSERVED
P. PACKING.

CLEANED AND INSPECTED PUMP PARTS FOR WEAR. FLUSHED
LOCK. REASSEMBLED PUMP AND PERFORMED ISI.

12/28/83 08:00:00 12/29/83 10:00:00 26

5023-I-8.13.

TI
APERTURE
CARD

8404050022 - 37

SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER T

3 BGB S31208MP175 83708813000 P
 FUNC. DESCRIPTION: BORIC ACID MAKE UP PUMP
 PROB. DESCRIPTION: CHANGE OIL
 WORK DESCRIPTION: COMPLETED OIL CHANGE IAW SC

3 BGB S31208MP174 83709894000 C
 FUNC. DESCRIPTION: BORIC ACID MAKE UP PUMP
 PROB. DESCRIPTION: PUMP HAS NO POWER-INDICATING
 WORK DESCRIPTION: RESET BREAKER. WATCH EMERG

3 BGB S31208MP175 83710821000 P
 FUNC. DESCRIPTION: BORIC ACID MAKE UP PUMP
 PROB. DESCRIPTION: CLEAN, INSPECT, MEGGER MOTO
 WORK DESCRIPTION: PERFORMED MAINTENANCE IAW M

ONOFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 56

PE START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

M 11/18/83 07:30:00 11/18/83 14:00:00

7

Also Available On
Aperture Card

23-I-9.3 USING GST 68 (RIP-P-468-83-3-180).

M 10/31/83 21:15:00 11/14/83 12:35:00

327

G LIGHTS ARE OUT.
ENCY. PUMP POWER RESTORED.

M 11/22/83 17:00:00 11/23/83 10:00:00

17

D AND S023-I-9.1.

TI
APERTURE
CARD

8404050022 - 38

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYP

3 BHA 3HV9369 0-1567-001 CM
FUNC. DESCRIPTION: SAFETY INJECTION TANK VALVE
WORK DESCRIPTION: DETERMINATED CABLES IN 3CR57
REVISIONS.

3 BHA 31204MP017 0-23182 CM
FUNC. DESCRIPTION: HPSI PUMP
PROB. DESCRIPTION: PUMP INBOARD BEARING LEAKING
WORK DESCRIPTION: TECH SPEC: 3.5.2

3 BHA 331204MR259 0-23440 CM
FUNC. DESCRIPTION: LOW PRESSURE SAFETY INJECTION
WORK DESCRIPTION: REPAIRED LEAKING VENT VALVE
3HV9328.

3 BHA 331204MP018 0-24495 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO.
PROB. DESCRIPTION: BOLTS AND STUCCS FOR STUFFING
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CORR

3 BHA 3HV9323 0-25683 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION HEADER NO
PROB. DESCRIPTION: VALVE LEAKAGE PAST STEM.
WORK DESCRIPTION: NOT STATED.

3 BHA 3HV9330 0-28511 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION HEADER NO
WORK DESCRIPTION: PERFORMED MAINTENANCE TO CORR

3 BHA 331204MR257 0-29695 CM
FUNC. DESCRIPTION: LOW PRESSURE SAFETY INJECTION
PROB. DESCRIPTION: VALVE LEAKING BY
WORK DESCRIPTION: NOT STATED

3 BHA 3HV9329 0-29745 CM
FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECTION
PROB. DESCRIPTION: VALVE PACKING GLAND LEAKING
WORK DESCRIPTION: NOT STATED

WOFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 5P

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

07/19/83 01:00:00 08/07/83 01:00:00 456
CONTROLLER CABLES
AND 3L971 AND COMPLETED INTERNAL WIRING

Also Available On
Aperture Card

08/28/83 01:00:00 09/01/83 01:00:00 96

OIL

08/07/83 01:00:00 08/10/83 01:00:00 72
LINE VENT VALVE
LOCATED UPSTREAM OF LPSI FLOW CONTROL VALVE

09/14/83 01:00:00 09/22/83 01:00:00 192

3
BOX EXTENSION AND DISCHARGE HEAD LEAKING
ECT LEAKAGE.

08/04/83 01:00:00 09/05/83 01:00:00 24
2 TO RCS LOOP 1A

05/26/83 01:00:00 05/29/83 01:00:00 72
1 TO RCS LOOP 2A ISOLATION VALVE
ECT PACKING GLAND LEAK.

07/20/83 01:00:00 08/08/83 01:00:00 456
LINE DRAIN VALVE

09/03/83 00:00:00 09/08/83 00:00:00 120
CONTAINMENT ISOLATION VALVE

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APERTURE
CARD

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

3 BHA S31201MU018 83704008000 CM
FUNC. DESCRIPTION: SHUTDN COOL LINE TO LPSI PUMP
PROB. DESCRIPTION: OBSERVED LEAKAGE AT GLAND PA
*****MU018 IS SDC SUCTION VLV. NORM
ADJUST REQUIRED.
WORK DESCRIPTION: OBTAINED APPROVAL. ADJUSTED

3 BHA 3MV9334 83705473000 CM
FUNC. DESCRIPTION: SIT FOR DRAIN TO RWST CONTAIN
PROB. DESCRIPTION: POSSIBLE VALVE PACKING LEAK;
PACKING FOR LEAKAGE, AND ADJUST P
WORK DESCRIPTION: CLEANED & ADJUSTED PACKING 1

3 BHA S31204MP018 83707677001 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO
PROB. DESCRIPTION: INSTALL TURBINE FLOW METER AN
ALSO MUST BE REMOVED AT THE END O
WORK DESCRIPTION: INSTALLED TEMPORARY PIPING A
AFTER COMPLETION OF THIS TEST, TE
REMOVED AND THE PERMANENT PIPING

3 BHA S31204MP018 83708434001 CM
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO
PROB. DESCRIPTION: REPLACE INBOARD AND OUTBOARD
TO CASING GASKETS. INVESTIGATE AN
WORK DESCRIPTION: THIS MAINTENANCE ORDER WAS R
ICAL SEAL CHECK AND ASSEMBLY. REP

3 BHA S31204MP018 83708567000 SV
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO
PROB. DESCRIPTION: INSTALL TURBINE FLOW METER A
THIS WILL BE A RETEST AFTER MAIN
WORK DESCRIPTION: OBTAINED CLEARANCE. ASSEMBL
INSTALLED PER M.O. AFTER TEST WAS

3 BHA S31204MP018 83708569000 S
FUNC. DESCRIPTION: HP SAFETY INJECTION PUMP NO
PROB. DESCRIPTION: INSTALL TEST GAUGES FOR ISI
GAUGES TO BE INSTALLED AFTER TUR
WORK DESCRIPTION: INSTALLED AND REMOVED GAUGE

OFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/28/83 08:00:00 12/28/83 09:00:00 1
P016
CHECKING OF LPSI-3P016 SUCTION BYPASS VALVE.
* LOCKED OPEN. APPROVAL TO ATTEMPT TO
ADJUST VALVE. NO LEAKAGE UPON COMPLETION OF ADJUSTMENT.

Also Available On
Aperture Card

10/02/83 00:01:00 10/02/83 02:00:00 2
PUMP ISOLATION
CLEAN UP BORON ON VALVE. INSPECT
CHECKING IF NECESSARY.
2 TURN. OPERATIONAL TEST CONDUCTED.

10/17/83 09:00:00 10/24/83 11:00:00 170
NO ASSOCIATED PIPING FOR ISI OF PUMP
FOR ISI.
NO FLOW METER IAW STEP 1-6 OF THE MO.
TEMPORARY PIPING AND FLOW METER WERE
REINSTALLED.

10/20/83 13:00:00 11/10/83 15:00:00 506
BEARINGS. REPLACE STUFFING BOX EXTENSION
AND REPAIR OIL LEAK ON INBOARD BEARING CASING.
REVISED IN ORDER TO INCLUDE A STEP 6 THE MECHAN-
ICAL BEARINGS AND GASKETS.

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APERTURE
CARD

10/23/83 20:30:00 11/02/83 23:59:00 243
NO ASSOCIATED PIPING FOR ISI TEST.
ADVANCE.
ED MEN, EQUIPMENT AND TOOLS. FLOWMETER HAS BEEN I
COMPLETE FLOWMETER WAS REMOVED AND STORED.

11/02/83 10:00:00 11/02/83 13:00:00 3
ON PUMP. THIS IS A RETEST AFTER MAINTENANCE.
FINE FLOW METER IS INSTALLED.
RETURNED SYSTEM TO "AS FOUND" CONDITION.

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYP

3 BHA S31204MP013 83708967000 JV
 FUNC. DESCRIPTION: HIGH PRESSURE SAFETY INJECTI
 PROB. DESCRIPTION: INSTALL TURBINE FLOW METER A
 TO BE PERFORMED PER S023-SPE-0013
 MENTS DURING INSTALLATION AND REM
 WORK DESCRIPTION: INSTALLED TEMPORARY PIPE FOR
 EQUIPMENT AND REINSTALLED PERMAN

3 BHA S31204MP016 83709026002 CM
 FUNC. DESCRIPTION: DISCHARGE HIGH PRESSURE PUMP
 PROB. DESCRIPTION: HPSI-012 DISCHARGE STOP CHKO
 TO BE OPERABLE TO PERFORM HPSI-01
 WORK DESCRIPTION: REMOVED AND REWORKED VALVE,
 OF THE STEM, RECONDITIONED THE H
 AND SCRATCHES, REINSTALLED VALVE.

3 BHA S31204MP015 83709870000 JV
 FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP NO
 PROB. DESCRIPTION: INSTALL TEST GAUGES FOR INI
 T AND DIS. TO BE INSTALLED ON LXA
 WORK DESCRIPTION: INSTALLED GAUGE ON PUMP OVER
 GAUGES WERE REMOVED AND SYSTEM 42

3 BHA S31204MP016 83711581000 JV
 FUNC. DESCRIPTION: LP SAFETY INJECTION PUMP NO
 PROB. DESCRIPTION: INSTALL TEST GAUGES FOR INI
 WORK DESCRIPTION: INSTALLED TEST GAUGES FOR IS
 CONDITION FOLLOWING COMPLETION OF

3 BHA S31204MP017 83714162000 CM
 FUNC. DESCRIPTION: SAFETY INJECTION PUMP NO. 1
 PROB. DESCRIPTION: SUSPECT WRONG OIL IN PUMP BE
 OIL. MOBIL SHC 825 IS DARKER THAN
 WORK DESCRIPTION: DRAINED OIL FROM INBOARD AND
 WITH SHC 825 MOBIL OIL. REFILLED
 MOBIL OIL. OIL DRAINED; APPEARED

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

11/13/83 12:00:00 11/15/83 06:40:00 42

Also Available On
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ON PUMP (TRAIN B)
ASSOCIATED PIPING FOR AN ISI. TESTING
THIS PROCEDURE CONTAINS NO SINGOFF REQUIRE-
MENT. REMOVE PIPING AND FLOW METER AFTER TEST.
PUMPS AND FLOW METERS FOR ISI. REMOVED TEMPORARY
PIPING UPON COMPLETION OF TESTING.

10/27/83 16:00:00 10/30/83 23:45:00 79

VALVE IS STUCK SHUT. THIS VALVE NEEDS
REMOVED HIGH SPOTS FROM STEM, POLISHED GLAND AREA
REPLACE SEAL GASKET TO REMOVE MINOR GALLING

11/01/83 09:00:00 11/01/83 13:00:00 4

LP SI PUMP. SUC TO BE INSTALLED AT TEST
VALVE OF MINI FLOW LINE.
IN AND DISCHARGE. AFTER COMPLETION OF TEST,
RETURNED TO "AS FOUND" CONDITION.

12/12/83 18:30:00 12/12/83 21:30:00 3

REMOVED THE GAUGES AND RETURNED TO ORIGINAL
TEST.

12/22/83 05:00:00 12/22/83 07:00:00 2

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APERTURE
CARD

INGS. COLOR DOES NOT MATCH OTHER PUMPS.
THAT IN P017.
INTRODUCED BEARINGS AND CHICKEN FEEDERS. FLUSHED
WITH BEARINGS AND CHICKEN FEEDERS WITH SHC 825
OIL. NO LEAKS OBSERVED FOLLOWING OIL CHANGE

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SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

3 BKA S31206MP012 0-29373 PM
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP
WORK DESCRIPTION: VERIFIED ANTI-ROTATION PIN IS

3 BKA S31206MP013 0-29374 PM
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP
WORK DESCRIPTION: VERIFIED ANTI-ROTATION PINS A

3 BKA 3HV8151 0-29789 CM
FUNC. DESCRIPTION: SHUTDOWN COOLING HEAT EXCHANG
WORK DESCRIPTION: PERFORMED MAINTENANCE TO REPA

3 BKA S31206MP013 83706166001 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP NO 2
PROB. DESCRIPTION: INSTALL SUCTION GAUGE AT TEST
WORK DESCRIPTION: INSTALLED TEST GAGE 0-60PSIG,
OPERATIONAL TEST PERFORMED, LEAK C
REMOVED TEST GAGE SU1987, INSTALLE

3 BKA S31206MP012 83707634000 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY PUMP NO 1
PROB. DESCRIPTION: INSTALL TEST GAUGE TO THE SUC
GAGE WILL BE SUPPLIED BY ENGINEER
WORK DESCRIPTION: INSTALLED TEST GAUGE (SUPPLIE
SUCTION PRESSURE GAUGE.
REMOVED TEST GAUGE FROM P012 SUCTI

3 BKA S31204MT105 83711074000 CM
FUNC. DESCRIPTION: CONTAINMENT SPRAY CHEMICAL ST
PROB. DESCRIPTION: GASKET ON MANWAY LEAKING. WAT
WORK DESCRIPTION: DRAINED TANK AND REMOVED MANW
ING SEAL. REPLACED MANWAY GASKET W
SERVICE.

RE NUCLEAR GENERATING STATION
 EMERGENCY CORE COOLING SYSTEM OUTAGES

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08/29/83 01:00:00 09/13/83 01:00:00 360

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STAINLESS STEEL PER IE BULLETIN DIRECTION.

08/29/83 01:00:00 09/08/83 01:00:00 240

STAINLESS STEEL PER IE BULLETIN DIRECTION.

09/03/83 01:00:00 09/12/83 01:00:00 216

ISOLATION VALVE
 VALVE.

10/03/83 18:00:00 10/06/83 23:30:00 77

TEE OF PLANT SUCTION GAUGE. GAUGE TO BE 60#.
 SU1987 AT TEST TEE OF PI9419.
 CHECKED OK SECURED ISOLATION VALVE.
 PLUG ON TEE OF PI9419.

10/12/83 18:00:00 10/13/83 09:25:00 15

ION GAUGE T. TEST GAUGE TO BE 60#
 NG.
 BY ISI PUMP TEST) ON "T" TO INSTALLED
 ON AND RETURNED IT TO I&C TEST TECH.

11/14/83 00:01:00 11/15/83 19:30:00 43

DRAKE TANK
 CH ENGINEER DECLARED EMERGENCY.
 AY COVER. FOUND GASKET MATERIAL DISSOLVED PREVENT
 WITH NEW MATERIAL AND RETURNED TANK TO

TI
 APERTURE
 CARD

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

3 KJA 3HV5931B 83714853000 CM
FUNC. DESCRIPTION: STANDBY DIESEL ENGINE 002 16
PROB. DESCRIPTION: VALVE STUCK OPEN
WORK DESCRIPTION: REPLACED VALVE PARTS PER PROC
PISTON HEAD SEAL, NEW ACTUATING PI

ERE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 13, 1984 64

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/28/83 01:00:00 12/28/83 04:00:00 3
CYL-AIR START

EDURE S023-I-6.145. NEW STEM SEAL, NEW ACTUATING
STON.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022-43

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

3 KJB 3HV5931E 83712069001 CM
 FUNC. DESCRIPTION: DIS GEN 0003 20 CYL-AIR START
 PROB. DESCRIPTION: VALVE STICKS IN THE OPEN POSIT
 WORK DESCRIPTION: DISASSEMBLED VALVE AND FOUND
 CLEANED OUT BORE & LUBED O RINGS W
 NEEDED. REASSEMBLED VALVE AND AIR

3 KJB 3HV5931G 83712071000 CM
 FUNC. DESCRIPTION: DIS GEN 0003 20 CYL-AIR START
 PROB. DESCRIPTION: VALVE STICKS IN THE OPEN POSIT
 WORK DESCRIPTION: DISASSEMBLED VALVE AND INSPECT
 NICKS.

3 KJB 3HV5931H 83712072000 CM
 FUNC. DESCRIPTION: DIS GEN 0003 16 CYL-AIR START
 PROB. DESCRIPTION: VALVE STICKS IN THE OPEN POSIT
 WORK DESCRIPTION: DISASSEMBLED VALVE AND INSPECT
 OR NICKS.

3 KJB S32420MC013A 83712665000 CM
 FUNC. DESCRIPTION: DIESEL AIR START COMPRESSOR
 PROB. DESCRIPTION: INTER-STAGE RELIEF LIFTING CON
 COMPRESSOR TO RUN CONSTANTLY
 WORK DESCRIPTION: TESTED TORQUE WRENCH @ 31'LBS
 SPACER & GASKETS. CLEANED & CHECKED
 REASSEMBLED. TORQUED TO 31'LBS AS P

3 KJB S32420MC013A 837145R5000 CM
 FUNC. DESCRIPTION: DIESEL AIR START COMPRESSOR
 PROB. DESCRIPTION: HEAD GASKET NEEDS TO BE REPLAC
 WORK DESCRIPTION: ATTAINED CLEARANCE FROM C.O.
 CLEANED HEADS. REINSTALLED HEADS W/ I
 TORQUE TABLE. HAD OPS RUN COMPRESSO

OFFER NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

11/24/83 23:00:00 11/26/83 23:00:00 48

Also Available On
Aperture Card

ION.
CONDENSATION HAD GUMMED UP ACTUATION PISTON.
WITH MOLLYCOAT LUBRICANT. REPAIRS WERE NOT
FINES. RELEASED CLEARANCE & DID FUNCTIONAL.

11/25/83 19:00:00 11/25/83 23:39:00 4

ION.
ED. CLEANED AND REASSEMBLED. FOUND NO BURRS CR

11/25/83 19:00:00 11/25/83 23:30:00 4

ION.
ED. CLEANED AND REASSEMBLED. THERE WERE NO BURRS

12/01/83 07:30:00 12/08/83 11:08:00 172

TINUOUSLY DURING OPERATION, CAUSING THE

4% OK. REMOVED HEAD (SECONDARY), AIR HEAD
SURFACES. INSTALLED NEW GASKETS AND
ER SPECS FOR 3/8 BOLT NO#5.

12/24/83 16:30:00 12/24/83 18:30:00 2

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APERTURE
CARD

ED.
REMOVED 4 HEAD BOLTS AND SECONDARY CYLINDER HEAD
TH NEW GASKETS. TORQUED IN ACCORDANCE WITH
FOR APPROX 10 MIN. FUNCTIONAL GOOD.

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SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

3 PBA 31804ESC4 0-15831 PM
FUNC. DESCRIPTION: 1E 4.16 KV BUSS BREAKERS
WORK DESCRIPTION: INSPECTED, CLEANED AND ADJUST

3 PBA 331804ESA04 83713025000 SV
FUNC. DESCRIPTION: 4160V SWITCHGEAR 3404
PROB. DESCRIPTION: TRAIN "A" SEQUENCE TIMERS NEED
WORK DESCRIPTION: RELAY TIMES DOCUMENTED ON HARD

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

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START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

08/28/83 01:00:00 09/01/83 01:00:00 96

ED ALL 4160 VOLT BREAKERS.

12/13/83 08:00:00 12/19/83 14:00:00 150

TO BE TESTED.

COPY EXCEPT CHILLER WHICH COULD NOT BE DONE.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022-45

S4S048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

3 PBB 31804ESA06 0-15432 PM
FUNC. DESCRIPTION: 1E 4.16 KV BUSS BREAKERS
WORK DESCRIPTION: INSPECTED, CLEANED AND ADJUST

3 PBB S31804ESA06 83713022001 SV
FUNC. DESCRIPTION: 4160 V SWITCHGEAR 3A06
PROP. DESCRIPTION: TRAIN "B" SEQUENCE TIMERS NEE
WORK DESCRIPTION: OBTAINED WORK AUTHORIZATION.
NO NCR'S. RELEASED WA. DOCUMENTE

OFFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 70

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

09/03/83 01:00:00 09/06/83 01:00:00 72

ED ALL 4160 VOLT BREAKERS.

12/06/83 20:00:00 12/19/83 14:00:00 306

TO BE TESTED WHILE 3G003 IS DOWN.
PERFORMED RELAY TIMING AS PER S0123-II-11.152.
SETTINGS ON HARD COPY

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022 -46

SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

3 PGA 31805ESB04 C-16500 PM
FUNC. DESCRIPTION: 1E 480 VOLT BREAKERS
WORK DESCRIPTION: CLEANED, INSPECTED AND ADJUST

CFR NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 72

START-DATE START-TIME COMP-DATE COMP-TIME DURATION

08/08/83 01:00:00 08/11/83 01:00:00 72

ED 480 VOLT BUSS BREAKERS AS NECESSARY.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022 -47

SAS048

SAN ON
REPORT ON E

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

3 PGB 31805ESB06 0-16501 PM
FUNC. DESCRIPTION: 1E 480 VOLT RUSS BREAKERS
WORK DESCRIPTION: CLEANED, INSPECTED AND ADJUST

3 PGB 331805ESB01 0-26704 CM
FUNC. DESCRIPTION: 1E 480 V LOAD CENTER 3B01
WORK DESCRIPTION: REPLACED FAILED BREAKER RACKI

OFRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 74

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

08/08/83 01:00:00 08/11/83 01:00:00 72

ED BUSS BREAKERS AS NECESSARY.

04/23/83 01:00:00 04/26/83 01:00:00 72

ING MECHANISM.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022 - 48

SAS048

UNIT SYSTEM EQUIPMENT - I.O. M.O. NUMBER TYPE

3 PHA S31R05ESBD26 83711524000 CM
 FUNC. DESCRIPTION: DIESEL TRANSFER PUMP P096-JEA
 PROB. DESCRIPTION: BREAKER SWITCHED (ONE BUT LIGH
 WORK EITHER). BREAKER SUPPLIES 320
 3L160.
 WORK DESCRIPTION: INVESTIGATED & FOUND LIGHT S90
 480 VOLT. REPLACED DEFECTIVE COMPON

FRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 76

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

12/22/83 14:40:00 12/27/83 14:00:00 120

BREAKER

INDICATION IS OFF (NEW BULBS CONT
20. INCLUDING DAY TANK LEVEL CONTROL AT

KEY X-FORMER TO BE BAD TYPE 9001, SER-A, TYPE KMS
ENTS.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022-49

SAS048

UNIT SYSTEM EQUIPMENT - I.C. M.O. NUMBER TYPE

3 PKA S31806EH01 0-24364 SV
FUNC. DESCRIPTION: 1E 125 VDC SYSTEM BATTERY 304
PROB. DESCRIPTION: BATTERY FAILED QUARTERLY SURVE
WORK DESCRIPTION: TECH SPEC: 3.8.2.1

DERE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 18

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

07/29/83 01:00:00 08/03/83 01:00:00 120

ILLANCE.

Also Available On
Aperture Card

TI
APERTURE
CARD

8404050022 - 50

SAS048

UNIT SYSTEM EQUIPMENT - I.D. M.O. NUMBER TYPE

<> TOTAL MO FOR UNIT

SV : 3

CM : 31

PM : 9

PRE NUCLEAR GENERATING STATION
EMERGENCY CORE COOLING SYSTEM OUTAGES

13:02 MONDAY, MARCH 12, 1984 EC

START-DATE START-TIME COMP.-DATE COMP.-TIME DURATION

Also Available On
Aperture Card

3 IS : 48 <>

==> 16.7 %

==> 64.6 %

==> 18.8 %

TI
APERTURE
CARD

8404050022 -51