

Omaha Public Power District
1623 Harney Omaha, Nebraska 68102-2247
402/536-4000

July 14, 1989
LIC-89-674

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555


Reference: Docket No. 50-285

Gentlemen:

SUBJECT: June Monthly Operating Report

Pursuant to Technical Specification Section 5.9.1, and 10 CFR Part 50.4(b)(1), please find enclosed one copy of the June 1989 Monthly Operating Report for the Fort Calhoun Station Unit No. 1.

Sincerely,

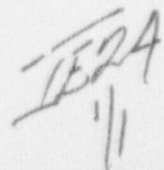


K. J. Morris
Division Manager
Nuclear Operations

KJM/pjc

c: R. D. Martin, NRC Regional Administrator
P. H. Harrell, NRC Senior Resident Inspector
Office of Management & Program Analysis (2)
R. M. Caruso - Combustion Engineering
R. J. Simon - Westinghouse
Nuclear Safety Analysis Center
INPO Records Center
American Nuclear Insurers

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PDR ADOCK 05000285
R PDC



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-285
 UNIT Fort Calhoun Station
 DATE July 11, 1989
 COMPLETED BY G. M. Cook
 TELEPHONE (402)636-2490

MONTH June 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	464	17	464
2	465	18	463
3	464	19	463
4	463	20	461
5	463	21	460
6	463	22	460
7	462	23	460
8	462	24	462
9	461	25	461
10	463	26	460
11	463	27	458
12	463	28	457
13	463	29	457
14	464	30	458
15	465		
16	465		

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-285
 UNIT Fort Calhoun Station
 DATE July 11, 1989
 COMPLETED BY G. M. Cook
 TELEPHONE (402)636-2490

OPERATING STATUS

- | | | |
|---|----------------------|-------|
| 1. Unit Name: | Fort Calhoun Station | Notes |
| 2. Reporting Period: | June 1989 | |
| 3. Licensed Thermal Power (MWt): | 1500 | |
| 4. Nameplate Rating (Gross MWe): | 502 | |
| 5. Design Electrical Rating (Net MWe): | 478 | |
| 6. Maximum Dependable Capacity (Gross MWe): | 502 | |
| 7. Maximum Dependable Capacity (Net MWe): | 478 | |
| 8. If changes occur in Capacity Ratings (Item Numbers 3 through 7) Since Last Report, Give Reasons: | N/A | |
| 9. Power Level to Which Restricted, If Any (Net MWe): | N/A | |
| 10. Reasons for Restrictions, If Any: | N/A | |

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	720.0	4,343.0	138,193.0
12. Number of Hours Reactor was Critical	720.0	3,500.8	106,850.6
13. Reactor Reserve Shutdown Hours	0.0	0.0	1,309.5
14. Hours Generator On-Line	720.0	3,283.3	105,698.6
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWH)	1,076,891.7	4,515,441.7	137,404,435.6
17. Gross Electrical Energy Generated (MWH)	348,978.0	1,466,162.0	45,210,290.2
18. Net Electrical Energy Generated (MWH)	332,662.2	1,394,085.3	43,165,590.1
19. Unit Service Factor	100.0	75.6	76.5
20. Unit Availability Factor	100.0	75.6	76.5
21. Unit Capacity Factor (Using MDC Net)	96.7	67.2	67.6
22. Unit Capacity Factor (Using DER Net)	96.7	67.2	65.9
23. Unit Forced Outage Rate	0.0	5.0	3.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	None		

25. If Shut Down at End of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation): Forecast Achieved

INITIAL CRITICALITY		_____	_____
INITIAL ELECTRICITY	N/A	_____	_____
COMMERCIAL OPERATION		_____	_____

Refueling Information
Fort Calhoun - Unit No. 1

Report for the month ending June 1989

1. Scheduled date for next refueling shutdown. February 1990
2. Scheduled date for restart following refueling. May 1990
3. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? Yes
 - a. If answer is yes, what, in general, will these be?
 - Incorporate specific requirements resulting from reload safety analysis
 - b. If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload. _____
 - c. If no such review has taken place, when is it scheduled? _____
4. Scheduled date(s) for submitting proposed licensing action and support information. January 1990
5. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures. None Planned
6. The number of fuel assemblies:

a) in the core	<u>133</u>	assemblies
b) in the spent fuel pool	<u>437</u>	"
c) spent fuel pool storage capacity	<u>729</u>	"
d) planned spent fuel pool storage capacity	<u>May be increased via fuel pin consolidation or dry cask storage</u>	
7. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity. 1994*

*Full core offload of 133 assemblies lost.

Prepared by *Ken Hattler* Date July 7, 1989

DOCKET NO. 50.285

UNIT NAME Fort Calhoun Station

DATE July 11, 1989

COMPLETED BY G. M. Cook

TELEPHONE (402)636-2490

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1989

No.	Date	Type (1)	Duration (Hours)	Reason (2)	Method of Shutting Down Reactor (3)	Licensee Event Report #	System Code (4)	Component Code (5)	Cause & Corrective Action to Prevent Recurrence
									There were no unit shutdowns or power reductions during the month of June, 1989.

1 F-Forced
S-Scheduled

2 Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error
H-Other (Explain)

3 Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

4 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5 Exhibit 1 - Same Source

OMAHA PUBLIC POWER DISTRICT
Fort Calhoun Station Unit No. 1

June 1989
Monthly Operations Report

I. OPERATIONS SUMMARY

Fort Calhoun Station operated at a nominal 100% power throughout the month of June, 1989.

Three design basis issues were addressed during June. Testing showed that emergency lighting was not as adequate as required per Appendix R. Safety Analysis for Operability No. 89-009 and supplementary measures are in place until permanent emergency lighting upgrades can be completed.

Testing of the steam turbine driven auxiliary feedwater pump indicated the speed controller is not functioning correctly. This could prevent the pump from developing the design discharge head and flow. The problem was corrected by allowing the pump to operate on the speed limiter so that the pump will attain design characteristics.

Raw Water pump AC-10A was removed from service for pump replacement. It was discovered during replacement that the pump's discharge check valve RW-125 was inoperable. The Raw Water pump was replaced and the discharge check valve was reinstalled with its internals removed. SAO-89-10 was written to analyze the effects of the inoperable check valve.

Continued investigations of charging pump CH-1A low flow problems resolved that one of the internal valves was not seated tight enough in the pump block. The block was replaced, the pump tested and declared operable.

Work on the Control Room filter modification to meet GDC 19 habitability requirements for operators has started.

A water plant outage is underway to facilitate repairs. A reverse osmosis demineralizer unit is being used in place of the resin beds.

Two large scale emergency response drills were held during June.

Construction continues on the Chemistry/Radiation Protection Buildings.

Two operators were hired during June.

No safety valves or PORV challenges or failures occurred.

A. PERFORMANCE CHARACTERISTICS

None

B. CHANGES IN OPERATING METHODS

None

C. RESULTS OF SURVEILLANCE TESTS AND INSPECTIONS

None

D. CHANGES, TESTS AND EXPERIMENTS CARRIED OUT WITHOUT COMMISSION APPROVAL

System Acceptance Committee Packages for June 1989:

<u>Package</u>	<u>Description/Analysis</u>
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None

<u>Procedure</u>	<u>Description</u>
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SP-FW-12	FW-10 Baseline Performance and Speed Limiting Governor Test
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This test determined the speed limiting governor setpoint for FW-10. This procedure did not constitute an unreviewed safety question as defined by 10CFR 50.59 as the test was performed within the design parameters of the pump and system. Therefore no new or unanalyzed operating modes were created that would present an unreviewed safety question.

E. RESULTS OF LEAK RATE TESTS

Reactor coolant system leak rate increased during the middle of June. The source was determined to be Charging Pump CH-1B packing. The packing was replaced and the leak rate returned to normal.

F. CHANGES IN PLANT OPERATING STAFF

Two operators were hired during June.

G. TRAINING

During the month of June, construction of the simulator continued. Simulator testing will commence on July 10, 1989. Thirty-nine of forty-two models have been fully integrated, with the Turbine Generator Auxiliary, Containment and Radiation Monitoring models still to be integrated for all plant modes. The simulator now operates in all modes between cold shutdown and 100% power, although, all models are not stable when the plant is on shutdown cooling.

The annual LO requal exam process was completed during June. All thirty-two license holders passed. One did fail the written portion, but was successfully remediated. One license holder, supporting simulator testing in Pittsburgh, is exempted from the test in an arrangement with Region IV.

The NRC Generic Fundamentals exam was administered June 28, 1989 in Texas. Fort Calhoun Station sent three RO and two SRO candidates.

The Fort Calhoun Station SRO exam was postponed until October. The two SRO upgrade candidates will then not need to take the theory exam. The other SRO candidate (instant SRO) took the June NRC fundamentals exam.

H. CHANGES, TESTS AND EXPERIMENTS REQUIRING NUCLEAR REGULATORY COMMISSION AUTHORIZATION PURSUANT TO 10CFR50.59

Amendment No.

Description

Amendment No. 122

This amendment modifies the Technical Specifications to: (1) extend the surveillance interval by 25 percent, but the total interval for three consecutive intervals shall not exceed 3.25 times the specific interval, (2) define the regular surveillance intervals, (3) include the 25 percent extension to all applicable codes and standards referenced within, (4) delay an action statement for up to 24 hours to permit the completion of the surveillance when the allowable outage time limit of the action requirement is less than 24 hours, and (5) eliminate the need to perform surveillance on inoperable equipment.

This license amendment is effective after 90 days from the date of issuance.

Monthly Operations Report
June 1989
Page Four

II. MAINTENANCE (Significant Safety Related)

See attached printout.

Alan W. Richard

for G. R. Peterson
Manager-Fort Calhoun Station

COMPLETED CQE MAINTENANCE ORDERS - JUNE

OPPD FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

884772 PC-QSP
QSPDS
CQE: Y CLASS: SR
COMPLETE: 06/02/89

WORK DESCRIPTION
ALL THREE SATURATION MARGINS ON QSPDS "A" ARE FLAGGED WITH "7" DURING COOLDOWN. THIS APPEARS TO BE A SOFTWARE PROBLEM.

WORK PERFORMED
REPLACED EPROMS "ER MR-FC-88-11 AND COMPLETED FUNCTIONAL TESTING OF CHANNEL. ALL READINGS APPEAR TO BE CORRECT.

884773 PC-QSP
QSPDS
CQE: Y CLASS: SR
COMPLETE: 06/02/89

WORK DESCRIPTION
ALL 3 SATURATION MARGINS ON "B" THIS APPEARS TO BE A SOFTWARE PROBLEM.

WORK PERFORMED
REPLACED EPROMS PER MR-FC-88-11 AND COMPLETED FUNCTIONAL TESTING OF CHANNEL. ALL READINGS APPEAR TO BE CORRECT.

886907 WD
LIC/X-599B
CQE: Y CLASS: SR
COMPLETE: 06/22/89

WORK DESCRIPTION
LED ON LIC/X-599B IS BAD AND NEEDS REPLACEMENT SYSTEM DOES OPERATE PROPERLY. REF. MO-871483.

WORK PERFORMED
REPLACED LIGHT BULB AND VERIFIED OPERABILITY. ALARM LIGHT REMAINS ON DURING RESET CONDITIONS WHEN THE LIGHT SHOULD BE OFF. TRACED PROBLEM TO OUR JUMPER POSITION WHICH IS LOW AND RELAY OUTPUT CONTACTS ARE NORMAL OPEN. MP-SIGMA-1 NOT USED BECAUSE INDICATOR IS OK.

889378 VA-COM
VA-279
CQE: Y CLASS: SR
COMPLETE: 06/01/89

WORK DESCRIPTION
REPAIR VALVES WHEN REPLACEMENT PARTS ARRIVE PER ENGINEERING EVALUATION #88-6082.

WORK PERFORMED
WHEN VALVE WAS REMOVED SYSTEM WAS FOUND TO BE VERY CLEAN AND VALVE WAS IN CLOSED POSITION RUBBER SEAT WAS DAMAGED. REPLACED SEAT IN VALVE AND NO RING. REINSTALLED VALVE IN SYSTEM USING NEW GASKETS.

COMPLETED CQE MAINTENANCE ORDERS - JUNE

OPPD FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
ON C CHANNEL, THE LEFT PRE-TRIP
WORK WITH THE BULB TEST FUNCTION.

891797 AI-RPS
AI-RPS

WORK PERFORMED
LOCATED A BAD SOLDER JOINT AND RE-SOLDERED. PERFORMED ST-RPS-6 F.2

CQE: Y CLASS: SR
COMPLETE: 06/29/89

WORK DESCRIPTION
SEVERAL CET'S APPEAR TO BE READING LOW.

892140 AI
AI-208A

WORK PERFORMED
ALL CET'S IN QUESTION WERE REPAIRED ON MO 892620. CET'S THAT WERE READIN
G LOW ARE ON THE SAME CIRCUIT CARD AS THE ONE FAILED CET REPAIRED ON 892
620. REFER TO MO 892620 FOR POST MAINTENANCE TESTING.

CQE: Y CLASS: 1E
COMPLETE: 06/02/89

WORK DESCRIPTION
ALARM RELAY 27/1 IS BUZZING VERY LOUDLY, AND SEEMS WARMER THAN USUALLY.

892160 EE
27/1

WORK PERFORMED
TIGHTEN ALL TERMINALS. RELAY IS NOT LOUDER OR WARMER THAN OTHER RELAYS
OF SAME TYPE. JIM FOLEY AND DAVID KOVAR ALSO VERIFIED THIS.

CQE: Y CLASS: SR
COMPLETE: 06/13/89

WORK DESCRIPTION
SUSPECT THAT FUEL OIL IS DRAINING BACK INTO TANK PAST FOOT VALVES.

892287 FO-DG
FO-1

WORK PERFORMED
REMOVED PIPE AND FOOT VALVE FROM TANK TO LEAK CHECK, REPLACED RINGS AND
REINSTALLED VALVE.

CQE: Y CLASS: 3
COMPLETE: 06/21/89

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
DAMPER DOES NOT INDICATE CLOSED WHEN FAN IS NOT RUNNING. D.T. #CR 00006
VA-46A DAMPER PCV-840-2

892348 VA-CR
VA-CR

WORK PERFORMED
ADJUSTED LIMIT SWITCHES TO GIVE PROPER INDICATION.

CQE: Y CLASS: N

COMPLETE: 06/05/89

WORK DESCRIPTION
ADD OIL AS NEEDED TO CHARGIN PUMPS CRANK CASE & GEAR BOX ON CH-1A, B, AND
C DURING THE MONTH OF MAY.

892566 CH
CH-1A

WORK PERFORMED
ADD OIL TO CH-1A 052689 1 QUART.

CQE: Y CLASS: 2

COMPLETE: 06/02/89

WORK DESCRIPTION
DG-2 GOVERNOR WAS SHOWING SIGNS OF INSTABILITY DURING ST-ESF-6 ON APRIL
17. A REPRESENTATIVE FROM THE WOOD-WARD GOVERNOR COMPANY SHOULD BE CON-
SULTED ABOUT POSSIBLE ADJUSTMENTS.

892680 DG
EE-1G-G

WORK PERFORMED
CHANGED OIL IN GOVERNOR. ASSISTED WOODWARD GOVERNOR. REP. IN RESETTING
GOVERNOR PER WORK INSTRUCTIONS. DROOP SETTING AS FOUND -25 DROOP SETTING
AS LEFT 58 ATTACHED WORK INSTRUCTIONS. CHECKED DROOP REFOR. ADJUSTMENT
AND FOUND 1.96% CHANGED SETTING. TO SCRIBE MARK (58) AND DROOP CHANGED
TO 3.3%.

CQE: Y CLASS: SR

COMPLETE: 06/01/89

WORK DESCRIPTION
BOTH OPEN AND CLOSE INDICATING LITESARE LIT WHEN VA-46A IS NOT RUNNING
AND DAMPER SHOULD BE CLOSED (GREEN- LITE ONLY). REWORK DAMPER/POSITION
SWITCH OR CAL AS REQUIRED TO CORRECT

892739 VA-CR
PCV-840A-1

WORK PERFORMED
ADJUSTED LIMIT SWITCHES TO GIVE PROPER INDICATION.

CQE: Y CLASS: 2

COMPLETE: 06/05/89

COMPLETED CQE MAINTENANCE ORDERS - JUNE

OPPD FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
CB-10/11 AUTO AMBER INDICATION NOT LIT WHEN IN AUTO ON RECIRC CONTROL SW
ITCH.

892745 FW-AFW

FCV-1368

WORK PERFORMED
FOUND OPEN VOLTAGE. DROPPING RESISTOR OR THE AMBER LIGHT. REPLACED
RESISTOR LIGHT WORKS SATISFACTORY.

CQE: Y CLASS: 3

COMPLETE: 06/02/89

WORK DESCRIPTION
PERFORM MOVATS TEST MP-MOV-3A.

892754 FW

HCV-1385

WORK PERFORMED
PERFORMED MP-MOV-3A WITH MOVATS TECH ASSISTANCE.

CQE: Y CLASS: 2

COMPLETE: 06/23/89

WORK DESCRIPTION
NEED TO PROVIDE PRESSURE EQUIPMENT SUPPORT FOR THE UPGRADE OF FOUR 1"
HANCOCK 5500 GLOBE VALVES. ONE OF THEM WILL BE USED TO REPLACE MS-233
PER MO 892781.

892783 MS

MS-233

WORK PERFORMED
VOID - THIS WORK WILL BE ACCOMPLISHED BY AN OUTSIDE FIRM. MICHAEL PAUL B
OSE 061289. PO# 5046069

CQE: Y CLASS: 3

COMPLETE: 06/12/89

WORK DESCRIPTION
INSPECT SIZE 2 STARTERS IN MOTOR CONTROL CENTERS TO SEE IF THERMAL
OVERLOAD RELAYS ARE CAPABLE OF RESET. SOME COILS ON SIZE 2 STARTERS
HAVE BEEN MODIFIED AND CAN'T RESET.

892913 EE

EE

WORK PERFORMED
INSPECTED MCC CUBICLES LISTED TO SEE IF DOOR RESET WOULD RESET THE OVER-
LOAD HEATERS. LISTED FINDINGS ON ATTACHED PAGE ALSO PROVIDED A COPY OF
ATTACHED PAGE TO S. MILLER. WLH 6-6-89

CQE: Y CLASS: SR

COMPLETE: 06/06/89

COMPLETED CQE MAINTENANCE ORDERS - JUNE

OPPD FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
BLOWN CONTROL POWER FUSE. OCCURRED WHILE CHANGING GREEN LIGHT BULB AT
THE MCC IN CORR. 4. DEFF. TAG # #00358.

892956 AC-SFP

AC-13B

WORK PERFORMED
TEST CIRCUIT WITH METER FOUND FUSES TO BE BAD. REPLACED FUSES.

CQE: Y CLASS: SR

COMPLETE: 06/28/89

WORK DESCRIPTION
CH-1A IS MAKING EXCESSIVE NOISE WHEN RUNNING
DEF 110

893568 CH

CH-1A

WORK PERFORMED
AFTER REBUILDING CHARGING PUMP 4 TIMES, AND CHANGING TWO SUCTION BLODERS
FOUND SUCTION SEAT WAS LOOSE SO WE INSTALLED A NEW BLOCK TEST RAN UNIT
GOOD FLOW THERE WAS STILL A LITTLE NOISE. PROCEDURE MP-CH-1 #5 PERFORME
D ST-ISI-CVCS-3, USED MP-CH-26 TO REPLACE BLADDERS UNDER MO 893274 USED
MP-CH-1-2 FOR WELDING OF PUMP PIPING.

CQE: Y CLASS: Z

COMPLETE: 06/21/89

WORK DESCRIPTION
HCV-2881 INDICATING LITES WENT OUT, VALVES ARE IN THE OPEN POSITION, POSSI
BLE BLOWN FUSE.

893092 AC-RW

AC-RW

WORK PERFORMED
CHECKED SOLONOID FOUNDN GOOD, FOUND LIGHT BULB BROKEN IN SOCKET REPLACED
LIGHT BULB. VERIFIED OPERABILITY PER ST-ISI-RW-1

CQE: Y CLASS: U

COMPLETE: 06/29/89

WORK DESCRIPTION
I & C TO RESET/REPAIR HCV-2987 BOOSTER IF NEEDED. THIS MO TO COVER THE M
ONTH OF MAY. BOOSTER IS NON-CQOE.

893101 SI-HP

HCV-2987

WORK PERFORMED
RESET HCV-2987 AS REQUIRED.

CQE: Y CLASS: 1

COMPLETE: 06/12/89

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
VALVE HANDLE IS BROKEN.

893182 SA
SA-120

WORK PERFORMED
MADE A NEW HANDLE!

CQE: Y CLASS: N
COMPLETE: 06/14/89

WORK DESCRIPTION
C CHANNEL RPS WIDE RANGE NUCLEAR INSTRUMENTATION INDICATION ON LEVEL 1
LEVEL 2 LIGHT SOCKET IS BROKEN.
REPAIR/REPLACE SOCKETS AS NEEDED.

893188 AI
AI-31C

WORK PERFORMED
CHANGED LIGH ASSEMBLY. BOTH LIGHTS ARE ON, WHICH IS THE CORRECT CONDITI
ON FOR THIS POWER LEVEL.

CQE: Y CLASS: N
COMPLETE: 06/27/89

WORK DESCRIPTION
DG-1 GOVERNOR SHOULD BE SERVICED BY THE WOODWARD GOVERNOR CO.REP.

893195 DG
EE-IF-G

WORK PERFORMED
CHANGED OIL IN DG-1 GOVERNOR. CHECKED DROOP BEFORE ADJUSTMENT AND FOUND
2.8%. CHANGED DIAL SETTING FOR DROOP TO SCRIBED MARK (ASQ) AND DROOP CHA
NGED TO 3.7%. THIS IS WITHIN TOLERANCE OF WOODWARD SPEC'S.
IR# 890507 WAS WRITTEN JUNE5 TO QC NUT BEING NOTIFIED FOR VERIFICATION O
F OPERATION. WRITTEN BY RICH RONNINGJLD 6-14-89

CQE: Y CLASS: N
COMPLETE: 06/14/89

WORK DESCRIPTION
REPLACE SUCTION ACCUMULATOR BLADDER. BLADDER WAS FOUND LEAKING

893274 CH
CH-26A

WORK PERFORMED

CQE: Y CLASS: 1
COMPLETE: 06/07/89

COMPLETED CQE MAINTENANCE ORDERS - JUNE

OPPO FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
DURING THE PERFORMANCE OF ST-RM-2, RM-051 ALERT SETPOINT ONLY, WAS FOUND TO BE LOW PER INDICATION, BUT ACTUAL SETPOINT WAS FOUND TO BE IN TOLERANCE, COMPLETE APPLICABLE SECTIONS OF CP-051.

WORK PERFORMED
ADJUSTED METER POT FOR ALERT PUSHBUTTON VERIFIED OPERABILITY BY PERFORMING ST-RM-2 F.2 ON PUSHBUTTON SETTING TDB 100,000 CPM PUSHBUTTON READING 100,000 CPM EVERYTHING WORKS CORRECTLY.

WORK DESCRIPTION
PLUNGER PACKING LEAKING EXCESSIVELY.

WORK PERFORMED
SEE MP-CH-1 (QC PERFORMED PT ON VALVE STOPS PER PROCEDURE DFS 6-7-89.)

WORK DESCRIPTION
REMOVE VALVE AND PERFORM LEAK RATE TEST.

WORK PERFORMED
*QC VERIFIED CLOSEOUT LOOKING AT VALVE AND FLANGES. WITNESSED TORQUING OF DISCHARGE FLANGE TO MAX OF 195' LBS WITH TORQUE WRENCH T-39 DUE 022489. WITNESSED START TORQUE ON INLET FLANGE TORQUED THE FAR BOLT TO 300' LB. S THEN JOB STOPPED DUE TO SOCKET CLEARANCE OF THE OVER BOLTS. RPB 060889 1625. *T-1 WAS USED TO TORQUE FLANGE TO 600' LBS CROWSFOOT WAS USED TO TORQUE THREE BOLTS.

WORK DESCRIPTION
DAMPER PCV-840A-2 HAS NO INDICATION WHEN VA-46A IS NOT RUNNING. ADJUST LIMIT SWITCH OR DAMPER LINKAGE FOR PCV-B40A-2.

WORK PERFORMED
INSPECTED LIMIT SWITCH AND FOUND IT TO BE STICKING. COULD NOT BE ADJUSTED. NEW MO TO BE ISSUE FOR REPLACEMENT. 893391

893279 RM
RM-051

CQE: Y CLASS: S
COMPLETE: 06/22/89

893305 CH
CH-1C

CQE: Y CLASS: I
COMPLETE: 06/07/89

893307 CH
CH-1B3

CQE: Y CLASS: I
COMPLETE: 06/14/89

893317 VA
PCV-840A-2

CQE: Y CLASS: N
COMPLETE: 06/14/89

MWO # SYSTEM
EQUIP ID

893327 EE
EE-8B

WORK DESCRIPTION
ELECTRICIAN FOUND PUDDLE OF ACID UNDER CELL#2 OF BATTERY#2. THE ACID NEEDS TO BE CLEANED UP, AND THE CELL CONDITION MONITORED TO DETERMINE IF THE CELL IS LEAKING.

CQE: Y CLASS: S
COMPLETE: 06/23/89

WORK PERFORMED
CLEANED SPILL UP USING BAKING SODA & WATER. INSPECTION OF BATTERY REVEALED NO CRACKS, SUSPECT SPILL CAME FROM LEAKAGE OUT OF HYDROMETER. 061689 0850 R. NIELSEN. INSPECTED ON 062389 FOUND LITTLE PUDDLE CLEANED UP R. NI ELSEN 0830 062389

893383 CH
CH-1B

WORK DESCRIPTION
PLUNGER PACKING IS LEAKING NEEDS TO BE REPACKED.

CQE: Y CLASS: 1
COMPLETE: 06/20/89

WORK PERFORMED
REPACKED PUMP AND REPLACED - SUCTION VALVES AND SEATS, DISCHARGE VALVES AND SEATS, TOP CAP GASKETS, FRONT CAP GASKETS FOUND PLUNGERS TO BE SCORED BUT NONE WERE AVAILABLE FOR REPLACEMENT. REASSEMBLED AS PER MP-CH-1 AND ATTACHMENTS. TEST RAN, RETURNED TO SERVICE.

893385 PC-QSP
AI-208B

WORK DESCRIPTION
CORRECT FAILURE ON PLASMA DISPLAY UNIT, AI-208B, LOCATED IN CONTROL RM. TROUBLESHOOT AND REPAIR AS REQUIRED TO RESTORE TO SERVICE.

CQE: Y CLASS: S
COMPLETE: 06/21/89

WORK PERFORMED
REPLACED C612, A 1 MFD @ 50 VDC ELECTROLYTIC CAPACITOR ON POWER OUTPUT BOARD #41890 S/N E40889 REINSTALLED PDU POWER SUPPLY 142V AND 105V SUPPLY, S NOW OK.

893396 EE
1B3B-4B-5

WORK DESCRIPTION
ON 6/5/89 CH-1C TRIPPED-FREE WHILE ATTEMPTING TO START. SYSTEM ENGINEER RECOMMENDS CALIBRATION OF BREAKER TRIP DEVICES. USE CP-CH-1C-BREAKER

CQE: Y CLASS: S
COMPLETE: 06/21/89

WORK PERFORMED

MWO # SYSTEM
EQUIP ID

WORK DESCRIPTION
WHILE PERFORMING CP-CH-1C ON BKR 183B-4B-5 TRIP DEVICES WOULD NOT CALIBRATE. NEED TO REPLACE EC2A TRIP DEVICES AND PERFORM CP-CH-1C ON BREAKER

893426 CH
CH-1C

WORK PERFORMED

CQE: Y CLASS: S

COMPLETE: 06/20/89

WORK DESCRIPTION
TECHNICIAN TO TROUBLESHOOT AND REPAIR INSTRUMENT LOOP 269X FOR POSSIBLE PROBLEMS ASSOCIATED WITH SYSTEM NOT FUNCTIONING PROPERLY, CORRECTION ACTION OTHER THAN THIS SHOULD BE COORDINATED WITH PLANNING.

893465 CH
FQI-269X

WORK PERFORMED

CHECKED TRANSMITTER 269X AND FOUND READING HIGH WITH NO FLOW. ADJUSTED TRANSMITTER SO THAT THE COUNTER TOTALIZER DID NOT COUNT WITH NO FLOW. PERFORMED LOOP CHECK.

CQE: Y CLASS: S

COMPLETE: 06/26/89

WORK DESCRIPTION
AC-10A HAS EXCESSIVE VIBRATION. REPLACE PUMP.

893477 AC-RW
AC-10A

WORK PERFORMED

INSTALLED REBUILT PUMP AND NEW COLUMNS AND BEARINGS. THIS WORK WAS DONE IN CONJUNCTION WITH M.O. 897573 AND M.J. 893509.

CQE: Y CLASS: 3

COMPLETE: 06/30/89

WORK DESCRIPTION
PNEUMATIC CONTROLLER DOES NOT RESPOND TO AIR INPUT SIGNAL. TROUBLESHOOT AND REPAIR AS/IF REQUIRED. ALSO VERIFY DOWNSTREAM PNEUMATIC DEVICES ARE FUNCTIONING.

897569 FW-AFW
FW-10

WORK PERFORMED

SEE SUPPLEMENTS. ALSO MWO 893374 HAS BEEN WRITTEN TO REINSTALL NEW PARTS AND PROVE OPERABILITY OF FW-10.

CQE: Y CLASS: N

COMPLETE: 06/14/89

OPPD FORT CALHOUN PLANT
CHAMPS REPORT M07

MWO # SYSTEM
EQUIP ID

COMPLETED CQE MAINTENANCE ORDERS - JUNE

DATE: 07/05/89
TIME: 11:00

PAGE: 10

TOTAL RECORDS SELECTED: 36