

VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 85-04

APPROVED BY: JZ Remson
STATION MANAGER

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IE24

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VERCO OPERATING DATA REPORT

DUCKET NO. 50-280
DATE May, 1985
COMPLETED BY V. JONES
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME
2. REPORTING PERIOD
3. LICENSED THERMAL POWER -MWT-
4. NAME PLATE RATING -GROSS MWE-
5. DESIGN ELECTRICAL RATING -NET MWE-
6. MAXIMUM DEPENDABLE CAPACITY -GROSS MWE-
7. MAXIMUM DEPENDABLE CAPACITY -NET MWE-
8. IF CHANGES OCCUR IN CAPACITY RATINGS
-ITEMS 3 THROUGH 7- SINCE LAST
REPORT, GIVE REASONS
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY
-NET MWE-
10. REASONS FOR RESTRICTIONS, IF ANY

SURRY UNIT 1
APRIL 1985
2441
847.5
788
820
781

11. HOURS IN REPORTING PERIOD
12. NUMBER OF HOURS REACTOR WAS CRITICAL
13. REACTOR RESERVE SHUTDOWN HOURS:
14. HOURS GENERATOR ON-LINE
15. UNIT RESERVE SHUTDOWN HOURS
16. GROSS THERMAL ENERGY GENERATED -MWH-
17. GROSS ELECTRICAL ENERGY GENERATED -MWH-
18. NET ELECTRICAL ENERGY GENERATED -MWH-
19. UNIT SERVICE FACTOR
20. UNIT AVAILABILITY FACTOR
21. UNIT CAPACITY FACTOR -USING MDC NET-
22. UNIT CAPACITY FACTOR -USING DER NET-
23. UNIT FORCED OUTAGE RATE
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS
-TYPE, DATE AND DURATION OF EACH-
25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE TIME OF STARTUP
26. UNIT IN TEST STATUS
- PRIOR TO COMMERCIAL OPERATION-

THIS MONTH	YR-TO-DATE	CUMULATIVE
719.0	2879.0	108311.0
691.0	2794.8	67171.6
0.0	0.0	3774.5
691.1	2770.4	65779.3
0.0	0.0	3736.2
1561342.7	6299370.6	152313547.7
521615.0	2110365.0	48962328.0
496196.0	2006641.0	46418485.0
96.1%	96.2%	60.7%
96.1%	96.2%	64.2%
88.9%	89.2%	54.9%
87.9%	88.4%	54.4%
3.9%	3.9%	19.8%

FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL CRITICALITY
COMMERCIAL OPERATION

VEPCO OPERATING DATA REPORT

TICKET NO. 50-281
 DATE May, 1985
 COMPLETED BY V. JONES
 TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME
2. REPORTING PERIOD
3. LICENSED THERMAL POWER -MWT-
4. NAMEPLATE RATING -GROSS MWE-
5. DESIGN ELECTRICAL RATING -NET MWE-
6. MAXIMUM DEPENDABLE CAPACITY -GROSS MWE-
7. MAXIMUM DEPENDABLE CAPACITY -NET MWE-
8. IF CHANGES OCCUR IN CAPACITY RATINGS
-ITEMS 3 THROUGH 7- SINCE LAST
REPORT, GIVE REASONS

SURREY UNIT 2
 APRIL 1985
 2441
 847.5
 788
 811
 775

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY
-NET MWE-
10. REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR-TO-DATE	CUMMULATIVE
11. HOURS IN REPORTING PERIOD	719.0	2879.0	105191.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1884.5	67891.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	328.1
14. HOURS GENERATOR ON-LINE	0.0	1885.5	66793.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED -MWH-	0.0	4465212.5	156463617.8
17. GROSS ELECTRICAL ENERGY GENERATED -MWH-	0.0	1426555.0	50717029.0
18. NET ELECTRICAL ENERGY GENERATED -MWH-	0.0	1353723.0	48070165.0
19. UNIT SERVICE FACTOR	0.0%	65.5%	63.5%
20. UNIT AVAILABILITY FACTOR	0.0%	65.5%	63.5%
21. UNIT CAPACITY FACTOR -USING MDC NET-	0.0%	60.7%	59.0%
22. UNIT CAPACITY FACTOR -USING DER NET-	0.0%	59.7%	58.0%
23. UNIT FORCED OUTAGE RATE	0.0%	0.0%	14.2%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS -TYPE, DATE AND DURATION OF EACH-			

25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE TIME TO STARTUP 06-15-85
26. UNITS IN TEST STATUS
-PRIOR TO COMMERCIAL OPERATION-

FORECAST ACHIEVED

INITIAL CRITICALITY
 INITIAL ELECTRICALITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1985

DOCKET NO. 50-280
 UNIT NAME Surry 1
 DATE 05-09-85
 COMPLETED BY V. H. Jones
 TELEPHONE (804) 357-3184

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
86-7	04-22-85	S	0.0	A	1				Unit was reduced to 25% power (150 mw's) to allow work on MOV-RH-1700. Unit was returned to full power, MOV-RH-1700 is still leaking.
85-8	04-29-85	F	27.9	A	3				Reactor trip by turbine trip during plant shut-down. Cause of turbine trip was the loss of "A" Main feed pump which is still being investigated.

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 (Explain)
 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 I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1985

DOCKET NO. 50-281
 UNIT NAME Surry 2
 DATE 05-09-85
 COMPLETED BY V. H. Jones
 TELEPHONE (804) 357-3184

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
85-1	03-20-85	S	719.0	H	1				Unit is shutdown for fueling outage which commenced 03-20-85

1
 F: Forced
 S: Scheduled

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

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO. 1MONTH: April - 1985

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWE</u>	<u>REASON</u>
		None During This Reporting Period.				
MONTHLY TOTAL						

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO.2MONTH: April - 1985

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWH</u>	<u>REASON</u>
None During This Reprotng Period.						
MONTHLY TOTAL						

VEPCO AVERAGE DAILY UNIT POWER LEVEL		SUNNY POWER STATION	
DUCKET NO. 5C-280		REPORTING MONTH - APRIL 1985	
DUCKET NO. 50-281		DATE APRIL 1985	
COMPLETED BY V. JONES			
UNIT ONE		UNIT TWO	
AVERAGE DAILY POWER LEVEL -MWE-NET-		AVERAGE DAILY POWER LEVEL -MWE-NET-	
DAY			
1	784.6		0.0
2	788.4		0.0
3	783.9		0.0
4	782.0		0.0
5	783.6		0.0
6	789.2		0.0
7	790.4		0.0
8	784.4		0.0
9	785.4		0.0
10	786.2		0.0
11	788.3		0.0
12	789.6		0.0
13	784.8		0.0
14	783.4		0.0
15	787.3		0.0
16	788.4		0.0
17	783.0		0.0
18	789.3		0.0
19	785.7		0.0
20	786.5		0.0
21	780.6		0.0
22	637.4		0.0
23	127.6		0.0
24	154.0		0.0
25	513.9		0.0
26	674.0		0.0
27	747.8		0.0
28	744.0		0.0
29	569.3		0.0
30	0.0		0.0

SUMMARY OF OPERATING EXPERIENCE

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MONTH/YEAR APRIL, 1985

Listed below in chronological sequence by unit is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT ONE

04-01-85	0000	This reporting period begins with the unit at 100% power (820 MW's).
04-22-85	1617	Commenced power reduction at 150 MW's/hr to allow work on MOV-RH-1700.
	2050	Holding power at 25% (150 MW's).
04-23-85	1517	Commenced power increase at 50 MW/hr
	1640	Holding power at 30% (180MW) for Chemistry.
04-24-85	2300	Commenced power increase at 50 MW/hr.
04-25-85	0037	Holding power at 37% (235 MW's), system operator requested hold.
	0136	Commenced power increase at 50 MW's/hr.
	1445	Holding power at 85% (66) MW) while putting in Hp drain system. While monitoring chemistry power will be increased slowly as chemistry allows.
04-27-85	1140	Unit at 100% power (820 MW's).
04-29-85	1351	Commenced unit shutdown due to excessive primary plant leakage.
	2008	Reactor trip at 18% power (85 MW's) by turbine trip, which was caused by the loss of "A" Main Feed pump. The loss of the "A" Main Feed pump is being investigated.
	2327	Commenced plant cooldown.
04-30-85	0415	RCS at 350°F/450 psig, holding for chemistry.
	1208	Commenced plant cooldown to 200°F.
	1900	RCS < 200°F.
	2400	This reporting period ends with the unit at 180°F, degassing primary.

SUMMARY OF OPERATING EXPERIENCE

Page 9 of 39

MONTH/YEAR APRIL, 1985

Listed below in chronological sequence by unit is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT TWO

04-01-85	0000	This reporting period begins with the unit at RSD. Reactor vessel head disassembly in progress.
04-10-85	1250	Rx vessel head removed.
	2100	Completed unlatching full length control rods.
04-11-85	1353	Commenced core off-load.
04-13-85	2005	Core is defueled.
04-15-85	1230	Lower internals removed for inspection.
04-30-85	2400	This reporting period ends with the unit at RSD, various testing in progress.

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATION

April - 1985

None During This Reporting Period

FACILITY CHANGES REQUIRING
NRC APPROVAL

Page 11 of 39

April - 1985

None During This Reporting Period.

**FACILITY CHANGE THAT
DID NOT REQUIRE NRC APPROVAL**

April - 1985

DC 83-14E	<u>Spent Fuel Handling System Modifications</u> <u>Vacuum Drying System (VDS) and Ventilation Upgrades</u>	1 & 2
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The design change installed the VDS and a personnel platform. The VDS is an auxiliary system provided by Transnuclear, Inc. for use in conjunction with the TN-8L spent fuel cask loading and unloading operations for gas sampling, leakage testing and interior cavity drying.

Summary of Safety Analysis

As a part of the total spent fuel handling system, this modification enables preparation of the spent fuel cask prior to shipment. No safety-related equipment was affected or modified by this design change.

DC 80-87	<u>Contaminated Laundry Waste System Upgrade</u>	1 & 2
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This design change provides increased laundry drain surge capacity to enable the stations laundry system to operate continuously during periods of peak utilization.

Summary of Safety Analysis

The modification does not affect normal station operation or the operation of any safety-related equipment.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL

April - 1985

None During This Reporting Period

TESTS AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL

None During This Reporting Period

OTHER CHANGES, TESTS AND EXPERIMENTS

April - 1985

None During This Reporting Period.

VIRGINIA POWER
SURRY POWER STATION
CHEMISTRY REPORT

APRIL 19 85

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., uCi/ml	2.22°	3.75E-1	9.46E-1	1.82E-2	3.69E-4	5.99E-3
Suspended Solids, ppm	0.2	0.2	0.2	0.1	0.1	0.1
Gross Tritium, uCi/ml	3.16E-1	2.69E-1	2.92E-1	---	---	---
Iodine ¹³¹ , uCi/ml	5.78E-1	1.91E-2	9.44E-2	3.60E-5	1.75E-5	2.68E-5
I ¹³¹ /I ¹³¹	0.55	0.48	0.49	---	---	---
Hydrogen, cc/kg	42.0	18.8	35.0	---	---	---
Lithium, ppm	1.65	1.12	1.34	---	---	---
Boron-10, ppm*	330	129	146	431	389	404
Oxygen, (D.O.), ppm	≤ 0.005	≤ 0.005	≤ 0.005	SAT	1.5	SAT
Chloride, ppm	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01
pH @ 25°C	6.46	5.61	6.32	5.46	4.39	4.92

* Boron-10 = Total Boron x 0.196

REMARKS: Unit 1: 1. Cat. Bed placed in service on the following dates for Lithium
removal: 4-4 and 4-16.

2. Lithium additions made on the following dates to bring concentrations to the middle
of Boron/Li band: 4-8, 4-21, 4-22, 4-23, and 4-29.

3. On April 22, Unit ramped down to 25% to repair MOV-RH-1700. The unit returned to
100% power on 4-27.

4. On April 29, Unit shutdown for primary system leak repair and to begin snubber
outage.

Unit 2: Shutdown for refueling outage.

DESCRIPTION OF ALL INSTANCES WHERE Page 16 of 39
THERMAL DISCHARGE LIMITS WERE EXCEEDED

April - 1985

None During This Reporting Period

FUEL HANDLING

UNIT # 2[illegible]

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE PSAR

<u>PROCEDURE NO.</u>	<u>UNIT</u>	<u>TITLE</u>
OP 22.9.12	1 & 2	Transferring Boron Recovery Tanks to Low Level Liquid Waste Tanks

**DESCRIPTION OF PERIODIC TESTS WHICH WERE NOT
COMPLETED WITHIN THE TIME LIMITS
SPECIFIED IN TECHNICAL SPECIFICATIONS**

April - 1985

None During This Reporting Period

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

MECHANICAL MAINTENANCE

**MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS**

UNIT NO. 2

MECHANICAL MAINTENANCE

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 04/01/85 THRU 04/30/85
 UNIT 02 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0228	04/05/85	02-CV -P -1B	017638	CONTAINMENT VACUUM PUMP DOES	FOUND PUMP TANK TO BE HALF FULL OF WATER COVERING PUMP AND MOTOR. REMOVED PUMP TO REPLACE. ELECTRICIAN REPLACING MOTOR. REPLACED BELT ALSO MOTOR INSTALLED BOLTS INSTALLED
0228	04/05/85	02-IA -PF -21B	016117	FLANGE LEAKS	REPLACED GASKETS, STUDS AND NUTS.
0228	04/07/85	02-FH -MISC-NA	018138	AIR DRIVE MOTOR IS FROZEN UP	REPLACED AIR DRIVE MOTOR
0228	04/08/85	02-B5 -CRN -H/LFT	017682	PM - ON DEMAND	PERFORMED PMS OF THE HEAD LIFTING RIG ONLY. EQUIPMENT SAT.
0228	04/08/85	02-B5 -CRN -1	017426	PM - ON DEMAND	PERFORMED PMS, AND TESTED SAT.
0228	04/08/85	02-B5 -CRN -26A	017431	PM - ON DEMAND	PERFORMED PMS, EQUIPMENT SAT.
0228	04/08/85	02-B5 -CRN -26B	017430	PM - ON DEMAND	PERFORMED PMS, EQUIPMENT SAT.
0228	04/08/85	02-B5 -CRN -26C	017429	PM - ON DEMAND	PERFORMED PMS, EQUIPMENT SAT
0228	04/08/85	02-MS -NRV -201C	002906	GEARBOX HAS OIL LEAK	TIGHTENED ALL FITTINGS, WIPED DOWN COULD NOT FIND REPAIRABLE LEAK, NO OIL IN GEARBOX, ONLY GREASE.
0228	04/08/85	02-RH -RM -259	018021	COVER FLANGE LEAKS EXCESSIVELY	ADJUSTED HOLDDOWN BOLTS, OPS TESTED OK.
0228	04/11/85	02-MS - -145	004078	PACKING LEAK	REPACKED VALVE
0228	04/11/85	02-SI - -225	001425	CHECK VALVE LEAKS THROUGH AS INDICATED ON PRESS	DISASSEMBLE VALVE AND INSPECT INTERNALS, LAP SEAT AND DISC AS NECESSARY GOT 100% BLUEING
0228	04/11/85	02-SI - -227	017473	OK VLV LEAKS BY AS DETERMINED BY PT 16.4 TEST	DISASSEMBLED VALVE AND LAPPED SEAT AND DISC AS NECESSARY. HAVE 100% BLUING.
0228	04/11/85	02-SI - -88	017476	CHECK VALVE LEAKS BY AS DETERMINED BY PT 16.4	DISASSEMBLED VALVE, LAPPED SEAT AND DISC AS NECESSARY, HAVE 100% BLUING INSTALLED NEW STUDS AND NUTS AND GASKETS.

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0228	04/11/85	02-SI - -94	017460	CHECK VALVE LEAKS BY AS DETERMINED BY PT 16.4	DISASSEMBLED VALVE, LAPPED SEAT AND DISC AS NECESSARY. HAVE 100% BLUING INSTALLED NEW GASKET
0228	04/12/85	02-MS - -342	014459	REPLACE VALVE	REPLACED VALVE WITH NEW
0228	04/12/85	02-SHF-HSS -33A	016915	LOWER PIN SLIPPING OUT, FIX.	RE-INSERTED LOWER PIN & PUT COTTER PIN BACK IN.
0228	04/15/85	02-BB -CRN -RCPLR	017634	PM - ON DEMAND	PM CR-M/R6 ON THE REACTOR COOLANT PUMP LIFTING RIG.PM OF EQUIPMENT SATISFACTORY
0228	04/15/85	02-BB -CRN -UPINT	017687	PM - ON DEMAND	INSPECTED UPPER INTERNAL LIFTING RIG. INSPECTION SATISFACTORY
0228	04/16/85	02-CH - -443	015807	DIAPHRAGM CHANGE AS PER 5 YR	REMOVED BONNET ASSY.REPLACED O-RINGS DIAPHRAGM.REPLACED BONNET ASSY ADJUSTED AS PER MAINT PROCEIURE
0228	04/17/85	02-CH - -241	015826	DIAPHRAGM CHANGE AS PER 5 YR	REMOVED BONNET REPLACED O-RINGS DIAPHRAGM AND STEM ASSEMBLY PUT VALVE BACK INTO SYSTEM
0228	04/17/85	02-CH - -243	015832	DIAPHRAGM CHANGE AS PER 5 YR	REMOVE BONNET INSTALLED NEW DIAPHRAGM AND O-RINGS W/GREASE REINSTALLED BONNET
0228	04/17/85	02-RM -RM -259	018468	REPLACE GASKET ON HOUSING BOX	REPLACED GASKETS, RED RUBBER 1/16"
0228	04/17/85	02-VS -MOV -204B	018482	POSITION INDICATING SWITCH LIN	ADJUSTED LINKAGE
0228	04/18/85	02-CH - -236	015812	DIAPHRAGM CHANGE AS PER 5 YR	REMOVED REACH ROD AND BONNET CHANGED O-RINGS AND DIAPHRAGM REPLACED BONNET AND REACH ROD
0228	04/18/85	02-CH - -237	015816	DIAPHRAGM CHANGE AS PER 5 YR	REMOVED BONNET,REPLACED O-RINGS DIAPHRAGM AND STEM ASSEMBLY. REINSTALLED BONNET
0228	04/18/85	02-CH - -239	015821	DIAPHRAGM CHANGE AS PER 5 YR	REMOVED BONNET INSTALLED NEW DIAPHRAGM AND O-RINGS.REPLACED BONNET.INSTALLED HAND WHEEL ON VLV REACH ROD DISCONNECTED BECAUSE ADJ ROD IS MISSING
0228	04/19/85	02-BB -DR -N/A	018299	OPENING LEVER ON HATCH HAS BROKEN	4-11-85 MADE TEMP REPAIRS TO DOOR TIGHTENED BOLT
0228	04/19/85	02-CV -F -0413	013357	REBUILD PUMP #0413 FOR SPARE	DISASSEMBLED PUMP, POLISHED END CAPS, .005" ROTOR CLEARANCE. INSTALLED NEW VANES (.002 CLEARANCE AND BEARINGS, TESTED (9.5 CFM)
0228	04/19/85	02-EPD-M -MG-1	013929	UNCOUPLE, ALIGN, RECOUPLE FOR ELECTRICIANS.	UNCOUPLED MOTOR, ALIGNED & RECOUPLED MOTOR.
0228	04/19/85	02-SS - -214	017813	HANDWHEEL MISSING, REQUIRES NEW HANDWHEEL	INSTALLED HANDWHEEL FROM STOCK NO 2082238
0228	04/21/85	02-SI -RV -2858C	017415	REMOVE VALVE, BENCH TEST, RE-PLACED BODY	REMOVED VALVE, TESTED AS PER PT 12. 2 VALVE TESTED SAT. REPLACED BODY TO BONNET GASKET AND PUT VALVE BACK IN SYSTEM.

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY	
0228	04/22/85	02-SI -RV	-28588	017419	REMOVE VALVE, BENCH TEST, RE-	REMOVE VALVE TESTED AS PER PT 12.2 VALVE TESTED SAT REPLACED BODY TO BONNET GASKET AND PUT VALVE BACK IN
0228	04/24/85	02-CH -	-46	014411	DIAPHRAGM CHANGE, 5 YEAR	REMOVED BONNET REPLACED DIAPHRAGM O-RING ON STEM, O-RING ON BONNET REINSTALLED BONNET AND TORQUE
0228	04/24/85	02-CH -	-48	014414	DIAPHRAGM CHANGE, 5 YEAR	REMOVED BONNET REPLACED O-RING IN BONNET. REPLACED O-RING IN BUSHING REPLACED DIAPHRAGM REINSTALLED BONNET AND TORQUE
0228	04/24/85	02-CH -	-7	013979	CHANGE DIAPHRAGM ON 2" GRINNEL	REMOVED BONNET ASSEMBLY. REPLACED DIAPHRAGM, O-RINGS. REINSTALLED BONNET ADJUSTED AS PER MAINTENANCE PROCEDURE
0228	04/25/85	02-CH -	-12	014002	CHANGE DIAPHRAGM ON 2" GRINNEL	REMOVED BONNET INSTALLED O-RINGS AND DIAPHRAGM REINSTALLED BONNET
0228	04/26/85	02-CH -	-8	013980	CHANGE DIAPHRAGM ON 2" GRINNEL	REMOVED BONNET REPLACED DIAPHRAGM O-RINGS ON STEM AND BONNET. REINSTALLED BONNET AND TORQUE
0228	04/26/85	02-EG -C	-1	018225	REMOVE & INSTALL BELTS FOR MOTOR REPAIR.	REMOVED BELTS 4/13/85, RE-INSTALLED BELTS 4/20/85
0228	04/26/85	02-EG -C	-2	018224	REMOVE & INSTALL BELTS FOR MOTOR REPAIR	REMOVED BELTS 4/13/85. REINSTALLED BELTS 4/20/85.
0228	04/26/85	02-FW -HCV	-255A	017066	INSTALL NEW TRIP VALVE ON BYPASS VALVE.	INSTALLED NEW TRIP VALVE AND CHECKED OUT
0228	04/26/85	02-NS -	-2	016373	DIAPHRAGM CHANGE, 5 YEAR	REMOVED BONNET ASSY INSTALLED DIAPHRAGM O-RINGS INSTALLED BONNET ADJUSTED AS PER MAINTENANCE PROCEDURE
0228	04/30/85	02-CH -	-39	014402	DIAPHRAGM CHANGE, 5 YEAR	REMOVED BONNET REPLACED O-RING IN BUSHING. REPLACED DIAPHRAGM REINSTALLED BONNET AND TORQUE
0228	04/30/85	02-MS -	-10	017822	2-MS-10 HAS PACKING LEAK	REPACKED VALVE WITH 7 RINGS OF GARLOCK 98 PACKING.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

ELECTRICAL MAINTENANCE

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0229	04/23/85	01-FP -MISC-ZONE5	017999	AMBER TROUBLE LIGHT ON	TESTED LOCK OUT SWITCH AND CIRCUIT NO PROBLEM FOUND. WITH SWITCH IN NOR MAL POSITION NO AMBER LIGHT WILL GLOW ; WITH SWITCH IN OFF POSITION AMBER TROUBLE LIGHT ON PANEL GLOWS
0229	04/25/85	01-FW -MOV -160A	018704	PM - ON DEMAND	PERFORM PMS ON 4/25/85

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

ELECTRICAL MAINTENANCE

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0229	04/04/85	02-EPL-BKR -24J3	017522	CHARGING SPRING TOGGLE SWITCH	REMOVED SWITCH FROM SPARE BREAKER AND INSTALLED ON 24J3 BKR. TESTED WITH SIMPSON METER 3/28/85
0229	04/04/85	02-RC -MOV -2592	017670	INSPECT VALVE & CONTROLS,	HOOKE UP TEST RIG AND CYCLED VALVE VALVE WAS LIMIT CLOSING INSTEAD OF TORQUE CLOSING. CORRECTED WIRING AS PER U II ESK 6BW. ULV WAS ONLY DEVELOPING 11,000LBS THRUST
0229	04/05/85	02-BE -CRN -26A	017943	PM - ON DEMAND	CHECKED OPERATION OF THE HOIST TENSIONER MOTOR. OPERATION WAS SAT. 4/1/85
0229	04/05/85	02-BE -CRN -26B	017942	PM - ON DEMAND	CHECKED OPERATION OF THE HOIST TENSIONER MOTOR, LIMITS AND OPERATION WERE SAT
0229	04/05/85	02-BE -CRN -26C	017941	PM - ON DEMAND	CHECKED OPERATION OF THE HOIST TENSIONER MOTOR. LIMITS & OPERATION WERE SAT, 4/1/85.
0229	04/05/85	02-BE -EP -3B	002026	CONNECTION OF CABLE 2H8PL1	2H8PL1 > 2-VS-F-1A VISUALLY INSPECTED CONNECTIONS ON PENETRATION 3B, NO SIGNS OF HEATING UP SEEN. NO OTHER PROBLEMS WITH THE PENETRATION FOUND. LOAD WAS ON CABLE W/INSPECTED
0229	04/06/85	02-EPI-B -EDG-2	017834	PM - ON DEMAND	PERFORMED PMS ON BATTERIES AT #2 DIESEL ROOM, PT 23.4C, PT 23.5B
0229	04/11/85	02-CV -P -1B	017683	DISCONNECT, REPAIR, RECONNECT	DISCONNECTED MOTOR AND REMOVE FROM BASE. MOTOR ORDERED 3/27/85 MOTOR INSTALLED 4/3/85 LOAD CHECK LUGS 6 3430800
0229	04/11/85	02-EPH-BKR -25B3	004666	REPLACE PIN AND SPRING	REPLACED PIN/SPRING 4/11/85 MFGRS DATE 10/69 SERIAL #44252-ES-2-10B PIN 4604937 SPRING 4604936
0229	04/11/85	02-RS -MOV -255A	018036	PM - ON DEMAND	PMS COMPLETED PER PROCEDURES RS-MOV-E/R1 AND EMP-C-MOV-143
0229	04/11/85	02-RS -MOV -255B	018035	PM - ON DEMAND	PMS COMPLETED PER PROCEDURES RS-MOV-E/R1 AND EMP-C-MOV-143
0229	04/12/85	02-BE -DR -HA	017645	ELECTRICAL PROBLEM	FOUND OPEN CONTROL WIRE SHORTED BETWEEN CONTAINMENT AND INSIDE HATCH. USED A SPARE FOR THE OPEN CONTROL CIRCUIT 4/12/85

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0229	04/12/85	02-RS -MOV -256A	018034	PM - ON DEMAND	PERFORMED AS PER SAY ON PROCEDURE RS-MOV-F/R1 EMP-C-MOV-143
0229	04/12/85	02-RS -MOV -256B	018033	PM - ON DEMAND	PERFORMED PMS WITH PROCEDURE RS-MOV-E/R1 EMP-C-MOV-143 VOID NO WORK PERFORMED BY ELEC MAINT; MOV IS BEING REPLACED ON DC-82-36
0229	04/15/85	02-EPH-BKR -25C3	004629	REPLACE PIN AND SPRING	REPLACED COTTER PIN AND SPRING 3/31/85 COULD NOT TEST BREAKER YET MFGRS DATE 11/69 SERIAL #44252-B3-2 -11A SPRING 4604936 COTTER PIN 4604937 BREAKER TESTED SAT 4/10/85
0229	04/15/85	02-SW -MOV -202B	016244	ASSIST MOVATS IN TROUBLESHOOT- ING	ASSISTED MOVATS IN THE TESTING OF THE VALVE SEE ATTACHED MOVATS RECOMMENDATIONS
0229	04/18/85	02-CV -P -1A	012212	OVHL SPARE PUMP	DISASSEMBLED PUMP, FOUND END PLATES & ROTOR SCORED. MACHINED END PLATE & ROTOR, .004 ROTOR CLEARANCE, .002 VANE CLEARANCE, REASSEMBLED PUMP W/ NEW VANES & BEARINGS, TESTED OK.
0229	04/19/85	02-CS -MOV -200A	016245	ASSIST MOVATS IN TROUBLESHOOT- ING	PERFORMED ST-158 3/11/85 SEE ATTACHED MOVATS RECOMMENDATIONS
0229	04/19/85	02-RC -MOV -2591	018329	INSPECT MOV & VERIFY JUMPER	INSPECT MOV & VERIFIED JUMPER WAS INSTALLED 4/16/85
0229	04/19/85	02-RC -MOV -2594	018325	INSPECT MOV & VERIFY JUMPER	INSPECT MOV AND VERIFY JUMPER INSTALLED 4/16/85
0229	04/19/85	02-RC -MOV -2595	018327	INSPECT MOV & VERIFY JUMPER	INSPECTED MOV TO VERIFY JUMPER, JUMPER WAS INSTALLED. 4/16/85.
0229	04/19/85	02-SI -MOV -2867C	016246	ASSIST MOVATS IN TROUBLESHOOT- ING VALVE	PERFORMED TEST AS PER PROCEDURE ST-158 3/13/85 SEE ATTACHED RECOMMENDATIONS FROM MOVATS 4/15/85
0229	04/22/85	02-EPH-BKR -25J5	004679	REPLACE PIN AND SPRING	COMPLETED PROCEDURE TEMP-C-EPH-129 4/22/85 MFGRS DATE 10/69 SERIAL #44252-A3-1 -10B 4604936 SPRING 4694937 PIN
0229	04/23/85	02-EPD-BC -A	018174	INVESTIGATE CAUSE OF 2A BATT.	ADJUSTED VOLTAGE/CLEARED ALARM
0229	04/23/85	02-HG -RCB -2B	017578	DID NOT REACH TEMPERATURE	INSPECTED HEATERS CHECKED CONNECTIO NS TIGHTENED THERMOCOUPLE CLEANED OPS PERFORMED PT 37.2 SAT 4-21-85

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0229	04/23/85	02-RC -PCV -2455C	008388	REMOVE/INSTALL SWITCHES FOR VALVE MAINTENANCE	INSTALLED LIMIT SWITCHES ON VALVE & ADJUSTED. OPERATIONS CYCLED VLV ELECTRICALLY. VLV OPERATES SAT.
0229	04/23/85	02-RC -PCV -2456	008389	REMOVE/INSTALL SWITCHES FOR VALVE MAINTENANCE	INSTALLED LIMIT SWITCHES AND VALVE. ADJUSTED, OPERATIONS CYCLED VALVE ELECTRICALLY. VLV OPERATED SAT.
0229	04/23/85	02-VS -MOV -200B	018526	PM - ON DEMAND	COMPLETED VS-MOV-E/A1 AND EMP-C-MOV -143, 4/21/85. SUBMITTED WR 070587 TO INSPECT/REPAIR MOV
0229	04/26/85	02-FP -MISC-NA	018353	PANEL CONTINUES TO BLOW FUSES	REPLACED FUSE. FUSE DID NOT BLOW. FUSE HAS NOT BLOWN SINCE REPLACEMENT.
0229	04/26/85	02-VS -F -100C	012442	INSPECT & REPAIR FAN	MOTOR TEST RAN SAT/NO PROBLEMS FOUND.
0229	04/27/85	02-EPI-B -2A	016904	REPLACE BATTERY TERMINAL	REPLACED POSITIVE & NEGATIVE BATTERY TERMINAL PLATES IN ROOM 2A. BATTERIES TAKEN OUT OF SERVICE FOR PMS ON WO# 018667 4/25/85
0229	04/28/85	02-VS -MOV -204A	018711	PM - ON DEMAND	BRIDGED AND MEGGERED MOTOR FROM MCC 2H1.1 CKT 2H1-1-3/2-VS-F-41 COULD NOT TEST RUN HTR WITHOUT DAMPER CONTROL CIRCUIT BKR REMOVED FOR DESIGN CHANGE.
0229	04/30/85	02-EPL-BKR -2J1-2	018658	BREAKER THERMALS AFTER PUMP	REMOVED PECKER HEAD COVER TO MOTOR AND LB COVER INSTALLED HEAT LAMP ABOVE MOTOR. BRIDGED AND MEGGERED MOTOR. MOTOR DRIED OUT. REPLACED STAT ION RECONNECTED MOTOR LEADS TESTRAN

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 04/01/85 THRU 04/30/85
 UNIT 02 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R04	04/11/85	02-EPH-BKR -25J2	015733	PM - AUTO SCHEDULE	PERFORMED PM-EPH-BKR-E/A1, ALL TESTS ACCEPTABLE AS PER ACCEPTANCE CRITERIA 4/5/85.
R04	04/23/85	02-EPH-BKR -25J5	015731	PM - AUTO SCHEDULE	COMPLETED EPH-BKR-E/A1
R04	04/24/85	02-EPH-BKR -25A3	015681	PM - AUTO SCHEDULE	PERFORMED PMS ON BREAKER TO STEP 5.23, COULD NOT TEST BREAKER 3/30. BREAKER TESTED SAT 4/25/85
R04	04/26/85	02-EPH-BKR -25C3	015696	PM - AUTO SCHEDULE	PERFORMED PMS UP TO STEP 5.23. BREAKER TESTED SAT.
R04	04/28/85	02-EPH-BKR -25J10	015722	PM - AUTO SCHEDULE	PMS BREAKER STOPPED.COMPLETED PMS ON BREAKER 4/28/85

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

INSTRUMENT MAINTENANCE

VERCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 04/23/85 THRU 04/25/85
 UNIT 01 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0237	04/25/85	01-RI -PI -D-4	018556	DURING PT 6, D-4 IRPI MOVED ERRATIC	CHECKED INDICATOR PERFORMANCE FOUND NO PROBLEM WITH INDICATOR MOVEMENT, PT SENT TO ENGINEERING

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

INSTRUMENT MAINTENANCE

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0237	04/01/85	02-RC -TI -2422	011704	PERFORM REFUELING CALIBRATION	REPLACED TM-2-422L BECAUSE MODULE FAILED LOW. ADJUSTED TM-2-422K, TC-2-422D, TM-2-422A, TM-2-422D, NM-2-422B & TM-2-422G. PT SENT TO ENGINEERING.
0237	04/01/85	02-RC -TI -2422	011705	PERFORM REFUELING CALIBRATION	REPLACE TM-2-422E DUE TO NOISE. PT SENT TO ENGINEERING.
0237	04/01/85	02-RC -TI -2432	011706	PERFORM REFUELING CALIBRATION	REPLACED TM-2-432 DUE TO EXTREME AMOUNT OF NOISE. ADJUSTED TC-2-432D REPLACED THE 500MF CAPACITORS IN TM-2-432J DUE TO NOISE. COMPLETED REFUELING CAL, PT SENT TO ENGINEER.
0237	04/01/85	02-RC -TI -2432	011707	PERFORM REFUELING CALIBRATION	PERFORMED REF CALIBRATION. NO ADJUSTMENTS MADE, PT SENT TO ENGINEERING
0237	04/03/85	02-NI -MISC-NA	011730	PERFORM REFUELING CALIBRATION	PERFORMED REFUELING CALIBRATION CAL 048, ADJUSTED MODULES NQ202, NQ203, HV PWR SUPPLY, COMPENSATING VOLTAGE NM-201. ADJUSTED BISTABLES-LOSS OF COMP VOLT, HI LVL TRIP, HI ROD STOP
0237	04/05/85	02-FW -FI -2477	011641	PERFORM REFUELING CALIBRATION	ADJUSTED TRANSMITTER AND REPLACED FC-478B. COMPLETED REFUELING CAL SAT PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2446	011632	PERFORM REFUELING CALIBRATION	ADJUSTED TRANSMITTER TO WITHIN SPECS NO OTHER ADJUSTMENTS REQUIRED REFUELING CAL COMPLETED PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2447	011633	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION. ADJUSTED TRANSMITTER, NO OTHER ADJUSTMENTS REQUIRED. PT SENT TO ENGINEERING.
0237	04/05/85	02-MS -PI -2474	011656	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION NO ADJUSTMENTS REQUIRED PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2484	011657	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION NO ADJUSTMENT REQUIRED PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2486	011663	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION NO ADJUSTMENT REQUIRED PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2494	011658	PERFORM REFUELING CALIBRATION	MADE MINOR ADJUSTMENTS ON TRANSMITTER NO OTHER ADJUSTMENTS REQUIRED PT SENT TO ENGINEERING
0237	04/05/85	02-MS -PI -2496	011664	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION NO ADJUSTMENTS REQUIRED PT SENT TO ENGINEERING

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0237	04/06/85	02-FW -FI -2497	011645	PERFORM REFUELING CALIBRATION	BIAS READING LOW ON TRANSMITTER. ADJUSTED TRANSMITTER TO WITHIN SPECS. NO OTHER ADJUSTMENTS REQUIRED.
0237	04/06/85	02-HS -PI -2475	011659	PERFORM REFUELING CALIBRATION	ADJUSTED PC-475, COMPLETED REFUELING CAL, SAT. PT SENT TO ENGINEERING.
0237	04/06/85	02-HS -PI -2476	011662	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION. NO ADJUSTMENTS REQUIRED. PT SENT TO ENGINEERING.
0237	04/06/85	02-HS -PI -2485	011660	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CALIBRATION. NO ADJUSTMENTS REQUIRED. PT SENT TO ENGINEERING.
0237	04/06/85	02-HS -PI -2495	011661	PERFORM REFUELING CALIBRATION	ADJUSTED TRANSMITTER, COMPLETED REFUELING CAL, PT SENT TO ENGINEERING.
0237	04/06/85	02-NI -MISC-44	011734	PERFORM REFUELING CALIBRATION	PERFORMED REFUELING CALIBRATION CAL 049 MADE ADJUSTMENTS TO THE FOLLOWING MODULES NQ 301, NQ 302, NM 302, NM 303, NM 304, NM 305, NM 306 NM 307 MADE ADJ BISTABLES
0237	04/09/85	02-FW -FI -2487	011643	PERFORM REFUELING CALIBRATION	PERFORMED REFUELING CALIBRATION. NO ADJUSTMENTS REQUIRED. PT SENT TO ENGINEERING.
0237	04/09/85	02-NI -DETR-31	017389	NO HIGH VOLTAGE	REPLACED HV POWER SUPPLY AND SOURCE RANGE DETECTOR. FOLLOWED REPLACEMENT WITH REFUELING CALIBRATION. CAL-047 AND CAL 480 CAL-047 AND CAL 480 HAVE SEPERATE MR'S
0237	04/09/85	02-NI -MISC-42	011732	PERFORM REFUELING CALIBRATION	PERFORMED REF. CALIBRATION CAL-049, MADE ADJUSTMENTS TO NQ301, NQ302, NM301, NM302, NM303, NM304, NM305 AND NM 306. MADE ADJUSTMENTS TO BISTABLES OVPWR ROD STOP/OVPWR TRIP
0237	04/11/85	02-NI -MISC-35	011729	PERFORM REFUELING CALIBRATION	PERFORMED REFUELING CALIBRATION CAL 048 ADJUSTED FOLLOWING: HV POWER SUPPLY, COMPENSATING VOLTAGE NM-201 LOSS OF COMPENSATING VOLTAGE BISTABLE. BISTABLE TRIP SPARE, POWER ABOVE
0237	04/11/85	02-RC -YI -200A	017749	INVESTIGATE CAUSE OF VALVE	FLASHING LUMIGRAPH DOES NOT INDICATE AND OPEN SAFETY VALVE. IT IS SHOWING A LOW INPUT INDICATION. WITH THE RCS DRAINED AND NO RCP'S RUNNING NOISE LEVELS NOT SUFFICIENT ETC
0237	04/12/85	02-NI -DET -32	007566	EWR 84-260, UPGRADE WESTINGHOUSE NUCLEAR INSTRUMENT CONSOLE AMPLIFIER ASSEMBLY.	REPLACED N-32 PREAMPLIFIER WITH NEW LOW NOISE PRE AMP PERFORMED REFUELING CALIBRATION AS PER JOB 3800011728
0237	04/12/85	02-NI -MISC-31	011727	PERFORM REFUELING CALIBRATION	REPLACED PRE-AMP W/NEW LOW NOISE PRE-AMP USING IMP-C-NI-19. PERFORMED SOURCE RANGE DISCRIMINATION AND HIGH VOLTAGE SETTINGS WITH CAL-480. MADE NECESSARY ATTENUATION SETTINGS
0237	04/12/85	02-NI -MISC-41	011731	PERFORM REFUELING CALIBRATION	PERF. REF. CALIBRATION, CAL-049, MADE ADJUSTMENTS TO MODULES NQ-301, NQ-302, NM-301, 305, 306 & 307 MADE ADJUSTMENTS TO BISTABLES OVPWR ROD STOP, OVPWR TRIP(LO). CAL SAT

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0237	04/12/85	02-NI -MISC-43	011733	PERFORM REFUELING CALIBRATION	PERFORMED REF. CALIBRATION CAL-049, MADE ADJUSTMENTS TO MODULES NG-301, NG-2-2, NM-2-1, NM-302, NM-303, NM-304, NM-305, NM-306 & NM-307. ADJUSTED BISTABLES OVPWR ROD STOP/HI RING
0237	04/12/85	02-RC -TI -2408	011626	PERFORM REFUELING CALIBRATION	COMPLETED DELTA T REFUELING CAL, REPLACED DUAL COMPARATOR TC-409D ROD INSERTION COMPARATOR
0237	04/12/85	02-RC -TI -2408	011627	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CAL OF TAVE CIRCUITRY, REPLACED DUAL COMPARATORS TC-408 C+A TAVE DEV ALARM
0237	04/12/85	02-RC -TI -2408	011628	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CAL OF POWER MISMATCH CIRCUITRY
0237	04/12/85	02-RC -TI -2408	011629	PERFORM REFUELING CALIBRATION	COMPLETED REFUELING CAL ON ROD SPEED AND DIRECTION CIRCUITRY
0237	04/15/85	02-NI -DETR-43	013302	CABLES CROSSED ON NI-43	DISCONNECTED THE A+B SIGNAL CABLES AT THE DETECTOR AND RECONNECTED THEM TO THE APPROPRIATE ION CHAMBERS SWAPPED THE A+B SIGNAL CABLES AT THE DRAWER BACK TO ORIGINAL POSITION
0237	04/19/85	02-FW -FCV -2486	017580	REMOVE/REINSTALL INSTRUMENTATION	REMOVED INSTRUMENTATION 3/25/85 REINSTALLED INST
0237	04/19/85	02-FW -FCV -2498	017579	REMOVE/REINSTALL INSTRUMENTATION	REMOVED INSTRUMENTATION 3/25/85 REINSTALLED INST
0237	04/19/85	02-FW -HCV -255A	017547	REMOVE/INSTALL INSTRUMENTATION	REMOVED INST 3/26/85 REINSTALLED INST
0237	04/19/85	02-RC -E -1A	012235	WESTINGHOUSE/NDE PERFORM UT FOR THICKNESS OF J-TUBES	INSPECTION ON S/G A WAS PERFORMED CONSISTING OF A VISUAL INSPECTION OF ALL WELD INTEGRITY AND GENERAL CONDITION OF PERFORATED PLTS ORFICE RINGS, SWIRLVANES DECK PLTS ETC*****
0237	04/25/85	02-RC -FI -2435	011713	PERFORM REFUELING CALIBRATION	ADJUSTED FM-435, REPLACED TERMINAL SCREWS & O-RINGS BOTH SIDES PT SENT TO ENGINEERING
0237	04/26/85	02-NI -MISC-NA	011735	PERFORM REFUELING CALIBRATION	CALIBRATED MUC. INST. COMP AND RATE DRAWER AND THE FLUX DEVIATION AND MISC CONTROL & INDICATION POWER FOR UNIT 2 REFUELING
0237	04/26/85	02-RC -FI -2414	011708	PERFORM LOOP CALIBRATION	ADJUSTED ISOLATOR FM-2-414 TO SPECS REPLACED TERMINAL SCREWS & BOTH O-RINGS, LOOP CAL SAT. PT SENT TO ENGINEERING
0237	04/26/85	02-RC -FI -2415	011711	PERFORM LOOP CALIBRATION	REPLACED TRANSMITTER TERMINAL SCREWS & O-RINGS ON BOTH SIDES, ADJUSTED TRANSMITTER OUTPUT TO SPEC. PT SENT TO ENGINEERING.
0237	04/26/85	02-RC -FI -2424	011709	PERFORM LOOP CALIBRATION	ADJUSTED TRANSMITTER OUTPUT AND ISOLATOR FM-2-424 TO SPECS, REPLACED TRANSMITTER TERMINAL SCREWS & O-RINGS ON BOTH SIDES. PT SENT TO ENG.

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
0237	04/26/85	02-RC -FI -2426	011715	PERFORM REFUELING CALIBRATION	ADJUSTED TRANSMITTER OUTPUT TO SPECS & PERFORMED LOOP CALIBRATION. REPLACED TRANSMITTER TERMINAL SCREW & BOTH O-RINGS. PT SENT TO ENGINEER ING.
0237	04/26/85	02-RC -FI -2434	011710	PERFORM LOOP CALIBRATION	ADJUSTED FM-434, REPLACED TERMINAL SCREWS AND O-RINGS ON BOTH SIDES TRANSMITTER. CAL SAT, NO ADJUST- MENTS REQUIRED. PT SENT TO ENGR.
0237	04/26/85	02-RC -FI -2436	011716	PERFORM REFUELING CALIBRATION	ADJUSTED TRANSMITTER AND ISOLATOR FM-2-436 TO SPECS. REPLACED TERMIN- AL SCREWS AND O-RINGS ON BOTH SIDES
0237	04/26/85	02-RM -RM -259	017107	CORRECTED FLOW < 5.0 SCFM,	CHECKED FLOW, VACUUM HIGH CAUSING LOW CORRECTED FLOW. HAD HP CHANGE CESCO FILTER WHICH WAS CLOGGED. CORRECTED FLOW, NOW 6, QPS SAT.



VIRGINIA POWER

May 15, 1985

Mr. Maurice R. Beebe
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

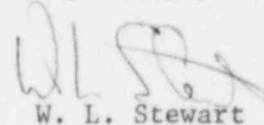
Serial No. 85-343
NO/JDH:acm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Beebe:

VIRGINIA POWER
SURRY POWER STATION UNIT NOS. 1 AND 2
MONTHLY OPERATING REPORT

Enclosed is the Monthly Operating Report for Surry Power Station Unit Nos. 1 and 2 for the month of April, 1985.

Very truly yours,


W. L. Stewart

Enclosure (3 copies)

cc: Mr. J. Taylor, Director (12 copies)
Office of Inspection and Enforcement

Dr. J. Nelson Grace (1 copy)
Regional Administrator
Region II

Mr. D. J. Burke
NRC Resident Inspector
Surry Power Station

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