

VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 84-11

APPROVED BY: David L. Remson for
STATION MANAGER

8412310461 841130
PDR ADOCK 05000280
R PDR

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VEPCO OPERATING DATA REPORT

PROGRAM NOS12662 12/06/84 10.36.44

BUCKET NO. 50-280
DATE NOV.1,1984
COMPLETED BY V. JONES
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME
2. REPORTING PERIOD
3. ELECTRIC THERMAL POWER -MWT-
4. NAMEPLATE RATING -GROSS MWE-
5. OPERAT. 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

SURRY UNIT 1
NOVEMBER 1984
241
847.5
788
811
775
N/A

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY
-FLT NO-

10. REASONS FOR RESTRICTIONS, IF ANY

	THIS MONTH	YR-TO-DATE	CUMULATIVE
11. HOURS OF REPORTING PERIOD	720.0	8340.0	104688.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	5163.3	64256.2
13. REACTOR COVERED SHUTDOWN HOURS	0.0	9.3	3774.5
14. HOURS OPERATOR ON-LINE	0.0	5100.3	62967.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	3735.2
16. GROSS THERMAL ENERGY GENERATED -MWH-	0.0	11041689.9	145967994.2
17. GROSS ELECTRICAL ENERGY GENERATED -MWH-	0.0	3523505.0	46843348.0
18. NET ELECTRICAL ENERGY GENERATED -MWH-	0.0	3327010.0	44404746.0
19. UNIT CAPACITY FACTOR	0.0%	63.4%	60.1%
20. UNIT AVAILABILITY FACTOR	0.0%	63.4%	63.7%
21. UNIT CAPACITY FACTOR -USING MDC NET-	0.0%	53.4%	54.7%
22. UNIT CAPACITY FACTOR -USING DER NET-	0.0%	52.5%	53.8%
23. UNIT FORCED OUTAGE RATE	0.0%	4.0%	20.4%
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS -TYPE, DATE AND DURATION OF EACH-			

25. IF STOPPED AT END OF REPORT PERIOD,
-ESTIMATE TIME OF STARTUP
26. UNIT'S PRESENT STATUS
-PRIOR TO COMMERCIAL OPERATION-

12-15-84
FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICAL
INITIAL OPERATION

VEPCO OPERATING DATA REPORT

PROGRAM NJS12662 12/06/84 10.37.05

DUKET NO. 50-281
DATE NOV.1,1984
COMPLETED BY V. JONES
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NO.
2. REPORTING PERIOD
3. ELIGIBLE THERMAL POWER -MW-
4. NAMEPLATE RATING -GROSS MWE-
5. DESIGN CRITICAL RATING -NET MWE-
6. MAXIMUM AVAILABLE CAPACITY -GROSS MWE-
7. MAXIMUM AVAILABLE CAPACITY -NET MWE-
8. IF CHANGES OCCUR IN CAPACITY RATINGS
-ITEMS 3 THROUGH 7- SINCE LAST
REPORT, LIST REASONS

SURRY UNIT 2
NOVEMBER 1984
2541
847.5
748
811
775
N/A

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

THIS MONTH YR-TO-DATE CUMMULATIVE

11. HOURS IN REPORTING PERIOD
12. NUMBER OF HOURS REACTOR WAS CRITICAL
13. REACTOR RESERVE SHUTDOWN HOURS

727.0 8040.0 101568.0
261.9 6716.7 65287.6
0.0 23.8 328.1

14. HOURS OF REACTOR ON-LINE

250.9 6641.1 64217.1

15. UNIT RESERVE SHUTDOWN HOURS

0.0 0.0 0.0

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 DOE NET-
22. UNIT CAPACITY FACTOR -USING DER NET-
23. UNIT FUEL COST RATE
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS
-TYPE, DATE AND DURATION OF EACH-

576179.1 15776629.2 150492502.1
186795.0 5019725.0 48814584.0
177748.0 4758085.0 46265145.0
34.9% 82.6 % 63.2 %
34.9% 82.6 % 63.2 %
31.9 % 76.4 % 58.8 %
31.3% 75.1 % 57.8 %
0.0 % 12.3 % 14.6 %

Snubber/Maintenance
10-18-85 - 10 Days

25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE TIME OF STARTUP
26. UNITS FUTURE STATUS
-PRIOR TO COMMERCIAL OPERATION-

FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICITY
INITIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-280
 UNIT NAME SUITY I
 DATE 12-05-84
 COMPLETED BY V. H. Jones
 TELEPHONE 904-357-3184

REPORT MONTH November, 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-9		S	720.0	A	3				Commenced refueling outage 09-26-84.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1984

DOCKET NO. 50-281
 UNIT NAME Surry II
 DATE 12-05-84
 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
84-25	10-29-84	F	469.1	G	3				Reactor trip, while testing "D" transfer bus an auto load shedding signal was initiated when breaker 25A2 was closed in the test position. This caused a loss of "A" main feed pump and "A" condensate pump and the unit tripped on low steam generator levels. Testing and operating procedures are to be changed to insure that auto load shedding will be defeated prior to any testing of RSS busses.

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: November, 1984

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWH</u>	<u>REASON</u>
<u>NONE DURING THIS REPORTING PERIOD.</u>						
MONTHLY TOTAL						

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONS

UNIT NO. 2

MONTH: November, 1984

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWH</u>	<u>REASON</u>
MONTHLY TOTAL						

SUMMARY OF OPERATING EXPERIENCEMONTH/YEAR November, 1984

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

11-1-84	0000	This reporting period begins with the Unit at RSD.
11-17-84	0725	Commenced fuel loading of Rx core.
11-19-84	2345	Completed fuel loading.
11-22-84	0455	Rx vessel head in place.
11-20-84	2400	This reporting period ends with the unit at CSD on RHR.

SUMMARY OF OPERATING EXPERIENCEMONTH/YEAR November, 1984

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

11-01-84	0000	This reporting period begins with the unit at CSD on RHR, preparing to drain RCS for maintenance.
11-02-84	0225	RCS loops drained for maintenance.
11-15-84	1540	Commenced filling RCS, maintenance completed.
11-16-84	1535	RCS filled and vented, "A" RCP #3 seal leaks with pump running.
11-17-84	2015	"A" RCP #3 seal has seated, no longer leaking.
11-18-84	2140	Commenced RCS heat up, exceeding 200°F.
11-19-84	0412	RCS > 350°F.
11-19-84	0852	Holding RCS pressure at 1000 psig, monitoring "A" RCP #1 seal leakoff flow, flow is 6 gpm.
	1230	"A" RCP #1 seal has seated, continuing with the heatup.
	2108	RCS at HSD.
	2310	Reactor critical.
11-20-84	0420	Reactor trip, lo-lo steam generator level.
	0718	Reactor critical.
	1306	Generator on the line, ramping to 35% power.
	1419	Holding at 35% power (240 MW's) for steam generator chemistry.
	1747	Commenced power increase at 150 MW/hr.
	1944	Holding at 62% (480 MW's) for flux maps and evaluating 6B heater level alarms.
11-21-84	0620	Commenced power increase at 150 MW/hr.
	1027	Holding at 80% (600 MW's) for flux maps.
	1300	Commenced power increase at 50 MW's/hr.
	1413	Holding at 89% power (670 MW's) for flux maps.
	1547	Commenced power increase at 50 MW's/hr.

UNIT TWO (Continued)

11-21-84	1943	Holding at 98% power (750 MW's), evaluating <u>6th</u> point heater alarms, calibrating OP + OTΔT setpoints.
11-24-84	1600	Commenced slow power increase.
11-24-84	1745	Rx at 100% (800 MW's), this included readjusting NI's, OP + OTΔT setpoints, improved secondary performance.
11-30-84	2400	This reporting period ends with the unit at 100% power (800 MW's).

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

FACILITY CHANGES REQUIRING
NRC APPROVAL

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL

UNIT NO.

DC 84-52 Installation of Radiant Energy Shield Between RHR Pump Motors

1

This design change installed a non-combustible radiant energy shield separating the RHR pumps to meet the requirements of Section III. G of 10CFR50 Appendix R. The radiant energy shield will protect one of the RHR pumps from a postulated RHR pump motor fire ensuring that at least one RHR pump is available after a postulated fire.

Summary of Safety Analysis

The radiant energy shield is a passive fire protection measure. It has no effect on station operation or the operation of safety-related equipment.

DC 84-60 Emergency Diesel Generator No. 3 Radiator Cooling Louvers

1 & 2

This design change installed an automatic bus transfer switch to provide an alternate of power from 4160V Emergency bus 2J. This bus is available to meet the requirements of General Design Criterion 17 to power the minimum systems and components needed following a Design Basis Event. The radiator louvers for Emergency Diesel Generator No. 3 can now receive power from Unit 1 and 2 sources.

Summary of Safety Analysis

The modification corrects a problem which was overlooked in the original design of Surry Unit 2. It insures that a Unit 2 source of power will be available for the EDG No. 3 auxiliaries.

DC 84-07 Auto Actuation of Reactor Trip Shunt Trip Attachment

2

This design change replaces the shunt trip attachment and installed electrical components and internal wiring to automatically actuate the shunt trip attachment upon receipt of a reactor trip signal.

Summary of Safety Analysis

The replacement of the reactor trip breakers shunt trip attachment and the automatic actuation of the shunt trip attachment modification, changes the operation and improves the reliability of the reactor trip breakers. It provides an automatic redundant trip function to the reactor trip system. The modification does not change the manual operation of the reactor trip breakers from the main control room.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

TESTS AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

OTHER CHANGES, TESTS AND EXPERIMENTS

MONTH/YEAR November, 1984

ST-52

Unit 2 RCS Flow Measurement Data

11-22-84

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION
CHEMISTRY REPORT

NOVEMBER 19 84

PRIMARY COOLANT ANALYSIS	(A)			(D)		
	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	3.17E-2	7.43E-4	6.47E-3	9.61E-1	1.79E-2	2.68E-1
Suspended Solids, ppm	---	---	---	---	---	---
Gross Tritium, $\mu\text{Ci/ml}$	---	---	---	1.49E-2	1.03E-2	1.26E-2
Iodine ¹³¹ , $\mu\text{Ci/ml}$	2.67E-5	4.15E-6	9.91E-6	2.64E-4	9.77E-5	1.42E-4
I ¹³¹ / I ¹³³	---	---	---	0.14 (C)	0.06 (C)	0.09 (C)
Hydrogen, cc/kg	---	---	---	30.8	2.6 (B)	16.2
Lithium, ppm	---	---	---	2.49	0.55	1.15
Boron-10, ppm*	429	406	418	302	44	131
Oxygen, (D.O.), ppm	2.50	0.080	0.730	0.500 (B)	0.005	0.146
Chloride, ppm	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.02
pH @ 25°C	4.51	4.06	4.31	6.83	5.49	6.18

* Boron-10 = Total Boron x 0.196

NON-RADIOACTIVE CHEMICAL
RELEASES, POUNDS
T.S. 4.13.A.6

Phosphate	---	Boron	(E) 352
Sulfate	---	Chromate	0.1
50% NaOH	---	Chlorine	---

REMARKS: (A) UNIT SHUTDOWN FOR REFUELING (B) UNIT SHUTDOWN TO REPAIR REACTOR COOLANT PUMP (C) CATION BED PLACED IN SERVICE ON UNIT TWO FOR LITHIUM REMOVAL ON 11-23, 11-24 11-25, 11-26, 11-28. LITHIUM ADDED TO UNIT TWO RCS; 3200 grams on 11-17, 500 grams on 11-18, 579 grams on 11-20, 343 grams on 11-21 (D) UNIT TWO BACK ON LINE ON 11-20 (E) THE LEVELS OF THESE CHEMICALS SHOULD PRODUCE NO ADVERSE ENVIRONMENTAL EFFECT.

DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED

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MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

MONTH/YEAR November, 1984

[illegible]

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE PSAR

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

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

MONTH/YEAR November, 1984

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

MECHANICAL MAINTENANCE

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
	11/01/84	01-CH -P -2A	008183	REPLACE OVERLOAD ASSEMBLY AT	SIZE 2 OVERLOAD ASSEMBLY NEEDED, OVERLOAD ASSEMBLY'S REPLACED.
R04	11/01/84	01-SS -TV -104B	008584	VALVE POSITION LIMIT SWITCHES	TESTED PER DC 8209 AFTER VLV REPAIR TV-SS-104B, TESTED SAT. NO LIMIT ADJUSTMENT NEEDED, AS WORK WAS DONE ON DC 82-09.
R04	11/02/84	01-EPH-BKR -15H3	004099	REPLACE PIN AND SPRING	COMPLETED PROCEDURE TO STEP 6.1 COTTER PIN 4604937 SPRING 4604936 SERIAL # 44251-FR-4-4B MANUFACTURES DATE: 4-69
R04	11/02/84	01-EPH-BKR -15J3	004126	REPLACE PIN AND SPRING	INSTALLED PIN AND SPRING O: 15J3 BREAKER AS PER TEMP-C-EPH-129 SERIAL # 44251-F2-3-4B MFGRS DATE 4/69 SPRING 4604936 PIN 4604937
R04	11/05/84	01-DA -TV -100A	008835	ASSIST MECH WITH INSTALLATION of Vlv.	REINSTALLED SOV & LIMITS, CYCLED SAT. REMOVED LIMITS/SOV FOR MECH. REPAIR

VEPCO - SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/05/84	01-B5 -DR -NA	008829	NEW HASP NEEDED.	INSTALLED NEW LOCK HASP ON B-LOOP ROOM DOOR
R03	11/05/84	01-CH -E -SB	008592	ZINC PLUGS LEAKING ON LUBE OIL	REMOVED OLD PLUGS, ALL ZINC WAS EATEN AWAY. INSTALLED 2 NEW ZINC PLUGS
R03	11/05/84	01-CH -E -SC	008889	REPLACE ZINC PLUGS	REMOVED OLD PLUGS, ALL ZINC EATEN AWAY. INSTALLED 2 NEW ZINC PLUGS.
R03	11/05/84	01-CC -MISC-NA	007325	REVERSE SPEC. FLANGE FOR P.T.	RETURNED TO NORMAL POSITION.
R03	11/05/84	01-CS -MISC-NA	007327	REVERSE SPECTALE FLANGE FOR PT 16.4	RETURNED TO NORMAL POSITION
R03	11/06/84	01-BD -PP -NA	003923	SMALL HOLE IN PIPE ELBOW	REPLACED WITH NEW TEE 3" BUTT WELD.
R03	11/06/84	01-CC - -	003470	VALVE NEEDS 3/4" PIPE CAP AND	REPLACE PIPE CAP REPLACED 5/16" NUT
R03	11/06/84	01-CV -P -1B	007596	PUMP HAS LOW DISCHARGE FLOW,	REPLACE 1-CV-P-1B WITH SHOP SPARE PUMP 9993 SUBMITTED WORK ORDER # 096850 ON OLD PUMP #0879
R03	11/06/84	01-IA - -446	007370	VALVE HAS EXCESSIVE SEAT LEAKAGE.	DISASSEMBLE VALVE HAND LAP SEATS AND GATE
R03	11/06/84	01-IA -TV -101B	007459	VLV. HAS EXCESSIVE SEAT leakage	ADJUSTED STROKE
R03	11/06/84	01-V5 -MOV -107A	008270	VALVE HAS PACKING LEAK	REPACKED VALVE 1/4" PACKING
R03	11/07/84	01-CC -RV -119B	007586	RV MUST BE TEST BY PT 12.2	PERFORMED PT 12.2 SET PRESS-156 PSIG SEAT LEAK GAT TORQUE VALVE TO 75 PSIG INLET 90 PSIG OUTLET
R03	11/07/84	01-RC -P -1A	007758	IMPLEMENT DC 83-22	INSTALLED DC 83-22 CUT OFF FLANGE AND WELDED ON PIPE CAP
R03	11/07/84	01-RC -P -1B	007759	IMPLEMENT DC 83-22	INSTALLED DC 83-22 CUT FLANGE OFF AND WELDED PIPE CAP ON
R03	11/07/84	01-RC -P -1C	007760	IMPLEMENT DC 83-22	INSTALLED DC 83-22 CUT FLANGE OFF AND WELDED PIPE CAP ON
R03	11/07/84	01-RH -RV -1721	007614	TEST RELIEF VALVE BY PT 12.2	VALVE PASSED PT 12.2 595 PSIG SET NO SEAT LEAKAGE NOTED TORQUED INLET AND OUTLET FLANGE 105 PSIG
R03	11/08/84	01-HS -TD -NA	005396	TRAP LEAKS BY	DISASSEMBLED/TRAP IN PIECES INSIDE DUE TO SWING ARM EROSION.FOUND ORFI CE SEAT STEAM CUT/WELDED/REASSEMBLE WITH NEW PARTS TORQUE TO 440FT LBS CHECKED FOR PROPER SEATING OF GASKT
'3	11/08/84	01-HS -TD -NA	005398	TRAP LEAKS BY	HAD STEAM CUTS WELDED IN BONNET OF STEAM TRAP,REASSEMBLED TRAP WITH

VEPCO SAFETY RELATED DURING REDUCED POWER CURT BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURVY

PT	RETURNED TO SERVICE	MARK NUMBER	WD NUMBER	WD TITLE	HISTORY SUMMARY
					NEW VALVE KIT, NEW GASKET HAD QC CHECK FOR CLEAN, CLEANED UP TRASH AND AREA. WELDED CUTS IN ORFICE AREA
R03	11/08/84	01-RC -E -1A	006253	REPLACE "J" TUBES	ORIGINAL CARBON STEEL J-TUBES REMOVED, FEEDWATER RING MACHINED AND PREPPED FOR WELDING, NEW INCONEL J-TUBES INSTALLED
R03	11/08/84	01-RC -E -1C	006251	REPLACE "J" TUBES	REMOVED ORIGINAL CARBON STEEL J-TUBES, PREPPED FW RING FOR WELDING, INSTALLED NEW INCONEL J-TUBES
R03	11/09/84	01-IA - -939	007368	VALVE HAS EXCESSIVE SEAT LEAKAGE.	DISASSEMBLED VALVE & INSPECTED INTERNALS, LAPPED SEAT, AND DISC AS NECESSARY
R03	11/09/84	01-GS -TV -100B	008828	VALVE NOT STROKING, APPEARS binding at dome.	ADJUSTED STROKE
R03	11/10/84	01-PG - -145	001829	VALVE IN HIGH RAD AREA	REMOVED BONNET ASS'Y REPLACED WITH NEW BONNET ASS'Y TORQUED NEW ASS'Y
73	11/12/84	01-CH - -176	005191	REPLACE DIAPHRAGM ON 1"	REBUILT VALVE AND ASSEMBLY REPLACED O RINGS AND DIAPHRAGM DIAPHRAGM MANUFACTURED 10/84
R03	11/12/84	01-CH -E -5A	007024	HAS GROSS TUBE LEAK, REPAIR cooler.	REMOVED HEAT EXCHANGER FROM SYSTEM & DISASSEMBLED. HYDROD HEAT EXCHANGER FOUND 1 LEAKER & PLUGGED, FO FOUND ZINC PLUGS COMPLETELY ERRODED AWAY. MADE NEW PLUGS/REFILLED W/OIL
R03	11/12/84	01-CH -HCV -1110	008186	INSPECT & REPAIR AS NECESSARY,	CLEANED AND INSPECTED INTERNALS OF VALVE.
R03	11/12/84	01-CV -TV -150D	007334	EXCESSIVE SEAT LEAKAGE AS PER PT 16.4	DISASSEMBLE VALVE & INSPECT INTERNALS LAP PLUG & SEAT AS NECESSARY HAVE 100% BLUEING.
R03	11/12/84	01-RC - -11	008500	PACKING LEAK AND GLAND IS BOTT-OM OUT.	OPS PLACED VALVE ON BACKSEAT. NOTE: SCAFFOLD IS NEEDED TO PACK THIS VALVE.
R03	11/13/84	01-BS -HSS -NA	002723	DISASSEMBLE/INSPECT SNUBBER	DISASSEMBLED AND INSPECTED AND RETIRED SNUBBER
R03	11/13/84	01-BS -HSS -NA	002724	DISASSEMBLE/INSPECT SNUBBER	DISASSEMBLED AND INSPECTED SNUBBER AND RETIRED
R03	11/13/84	01-EE -EG -3	001424	CONTAMINATES IN H2O EXPANSION	MOVED GLASS, CLEANED, REINSTALLED

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/13/84	01-RC -PCV -1455C	007882	POUR-DIAPHRAGM LEAKS THRU 3/4	TIGHTENED BOLTS ON DIAPHRAGM, TESTED SAT,
R03	11/13/84	01-SHP-HSS -51B	008782	NEED A BUSHING FABRICATED	FABRICATED PIECE
R03	11/14/84	01-BD - -13	009074	REMOVE & RE-INSTALL BONNET ON VALVE	REMOVED BONNET FROM BODY ALL PARTS BAGGED AND TAPED TO SAME LINE AS VALVE. INSTALLED BONNET.
R03	11/14/84	01-BD - -23	009073	REMOVE & RE-INSTALL BONNET ON VALVE	REMOVED BONNET FROM BODY. ALL PARTS BAGGED AND TAPED TO SAME LINE AS VALVE. INSTALLED BONNET ON VALVE, TORQUED TO 75 FT LBS.
R03	11/16/84	01-GW - -30	009403	REPLACE DIAPHRAGM ON GRINNELL	REPLACED DIAPHRAGM AND O RINGS DIAPHRAGM MANUFACTURED 09/12/84
R03	11/16/84	01-SW -P -10A	009512	COUPLING HAS COME LOOSE.	ADJUSTED COUPLING
R03	11/18/84	01-GW - -24	005840	REPLACE DIAPHRAGM ON 3/4"	REPLACED DIAPHRAGM AND O RINGS DIAPHRAGM MANUFACTURED 09/12/84
R03	11/18/84	01-SW -P -10A	006660	IN ALERT RANGE DUE TO LO DELTA	REPLACED IMPELLAR AND PUMP CASING.
R03	11/19/84	01-CC -RV -116A	007587	TEST BY PT 12.2	PERFORMED PT 12.2, VALVE TESTED SAT REINSTALLED VALVE.
R03	11/19/84	01-GW - -34	009397	REPLACE DIAPHRAGM ON GRINNELL	REPLACED DIAPHRAGM AND O RINGS DIAPHRAGM MANUFACTURED 09/12/84
R03	11/19/84	01-RS - -17	009168	CHECK VLV. HAS SLIGHT PACKING	ADJ. PACKING GLAND AND CHECKED THE CHECK VALVE TO INSURE GOOD OPERATION.
R03	11/19/84	01-RS - -26	009308	VLV. HAS PACKING LEAK	ADJUSTED PACKING, SAT.
R03	11/19/84	01-RS - -35	009309	VLV. HAS PACKING LEAK OF 150CC	ADJUSTED PACKING SAT
R03	11/19/84	01-SW -P -10A	009463	REPAIR COUPLING AND SECURE	REPLACED COUPLING & SECURED COUPLING GUARD.
R03	11/20/84	01-CH -FCV -1113A	008184	INSPECT & REPAIR AS NECESSARY	BROKEN BOLTS IN SHROBBER SHOP. HAVE GASKET TAPED TO VALVE. DRILLED OUT & RETAPED HOLES IN VALVE BODY, RE-PACKED VALVE, VISUAL INSPECTION OF VALVE, REASSEMBLED VALVE.

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

FI	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/20/84	01-CH -HCV -1105	009122	REPAIR VALVE AS PER DC-84-58	CLEANED VALVE AND REPLACED GASKET REPACKED VALVE
R03	11/20/84	01-GW - -32	005845	REPLACE DIAPHRAGM ON 3/4"	REPLACED DIAPHRAGM AND O RINGS DIAPHRAGM MANUFACTURED 09/04/84
3	11/26/84	01-ED - -2	001327	REPAIR TO ORIV. FURNANITED	WELD IN 1" VALVE IN LINE REPLACED VALVE AND APPROX 6" PIPE. WIDE PT SAT
R03	11/26/84	01-BB -DR -NA	009648	RUPTURED HYDRAULIC LINE	INNER DOOR HYDRAULIC LINE SPLIT. CUT LINE AT SPLIT, REFURRELLED LINE TESTED SAT.
R03	11/26/84	01-CH -FCV -1160	005963	VALVE LEAKS BY,	DISASSEMBLED VALVE, CLEANED & IN- SPECTED VALVE PARTS, REPLACED DISC, STEM, SEAT, CAGE, BONNET GASKET, & CAGE GASKET, REPACKED VALVE AND REINSTALLED OVERHAULED VALVE.
R03	11/26/84	01-GW -P -101	009681	PROCESS VENT MONITOR	REPLACED BELT
R03	11/26/84	01-RC -FE -1492	001736	FLANGE LEAK	INSTALLED NEW GASKETS IN FLANGE.
R03	11/26/84	01-RH -RMS -159	009488	CHECK RI-RMS-159 AND 160 FOR	PERFORMED CALIBRATION ON ALARM CARD
R03	11/26/84	01-RS -PP -7/133	006815	INSTALL BLANK FLANGE ON RS-7-1	REMOVED BLANK FLANGE, INSTALLED SCREENS AND GRATING. SUMP CLEAN OF DEBRIS.
R03	11/26/84	01-RS -PP -8/133	006839	INSTALL BLANK FLANGE ON 12" RS	REMOVED GRATING. REMOVED BLANK FLANGE, INSTALLED SCREENS AND GRAT- ING. SUMP PIT CLEAN OF DEBRIS.
R03	11/26/84	01-SI -HCV -1852B	006052	DRAIN VLV LEAKS BY	REBUILT VALVE BLUE SEAT TORQUE BONN- ET AND PACKED
R03	11/26/84	01-SI -HCV -1852C	006051	SI ACC. DRAIN VLV LEAKS BY	REBUILT VALVE. BLUE SEAT. REPLACE GASKETS ASSEMBLE AND TORQUE BONNET
3	11/26/84	01-SI -HCV -1864A	003061	ORFICE IN BACKWARDS	INVERTED ORFICE.

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 11/01/84 THRU 11/30/84
 UNIT 01 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/26/84	01-SI -PP -1/133	006840	INSTALL BLANK FLANGE ON 12" SI	REMOVED GRATING. REMOVED BLANK FLANGES, INSTALLED SCREENS AND GRATING. SUMP CLEAN OF DEBRIS.
R03	11/26/84	01-SI -PP -153	006838	INSTALL BLANK FLANGE ON 12" SI	REMOVED BLANK FLANGE-INSTALLED SCREEN AND GRATING. SUMP CLEANED OF DEBRIS
R03	11/26/84	01-SI -TV -101A	007316	VALVE SEAT LEAKS BY AS PER PT 16.4	DISASSEMBLED VALVE, INSPECTED INTERNALS, REPLACED STEM PLUG SEAT AND GASKET SET.
R03	11/26/84	01-SS -TV -102B	007148	TRIP VALVE SEAT LEAKS BY AS PT 16.4	REPLACED VALVE.
R03	11/27/84	01-MS -TD -NA	005397	TRAPS LEAKS BY	REPLACED STEAM TRAP INTERNALS
R03	11/28/84	01-MS -MS -NA	009992	DRILL AND TAP FOR 1 3/4"	BORED SNUBBER ROD END TO 1 21/32" (75X TAP DRILL SIZE) & TAPPED THE HOLE TO 1 3/4" - 12 T.P.I.
R03	11/28/84	01-RC -MISC-1	003252	REMOVE AND INSTALL INTERNALS	REMOVED UPPER INTERNALS AND STORED 10/18/84. REINSTALLED UPPER INTERNALS 11/20/84.
R03	11/29/84	01-RC -BLK -NA	005061	REMOVE & INSTALL BLANK FLANGE	REMOVED 10/17/84 INSTALLED 11/29/84

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 11/01/84 THRU 11/30/84
UNIT 02 SURRY

UNIT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/02/84	02-SI - -340	008701	PACKING LEAK, REPAIR.	ADJUSTED PACKING GLAND, TIGHT
R03	11/02/84	02-SI - -341	008703	PACKING LEAK, REPAIR	ADJUSTED PACKING GLAND, TIGHT
R03	11/08/84	02-SMP-HSS -17	008142	SNUBBER LEAK, REFILL	REFILLED SNUBBER RESERVOIR
R03	11/14/84	02-BD -TV -200A	009018	PACKING LEAK-REPLACE PACKING	REPACKED WITH BARLOCK 98 1/4"
R03	11/15/84	02-DA -TV -200A	009294	INSTALL REMOVE SPOOL PIECE TO	INSTALLED AND REMOVED SPOOL PIECE (PER 16.4). 11/13/84 WE REMOVED SPOOL PIECE AND TAPE TO VALVE.
R03	11/15/84	02-SI - -91	009353	RETORQUE BONNET BOLTING	WITNESSED TORQUE ON 2-SI-91 900 FT/LBS. SOC 1235 ACCEPTABLE.
R03	11/19/84	02-CH -MOV -2700	008705	PACKING LEAK, REPAIR	REPLACED PACKING
R03	11/26/84	02-CH -P -1C	009591	REPLACE PUMP	USING AUX L.O. PUMP AS JUMPER, MOTOR REMOVED.
R03	11/02/84	02-CH -E -5A	008677	ZINC PLUG LEAKING ON UNIT 2	BORED PIPE PLUGS TO ACCEPT ZINC PLUGS. REMOVED OLD PLUGS. HAD TO CUT ZINC PLUGS TO A TOTAL LENGTH OF 1 1/2" TO ALLOW PLUG TO BE INSTALLED BECAUSE OF DIFFERENT TYPE OF PMP
R03	11/02/84	02-CH -E -5B	008678	ZINC PLUG LEAKING ON UNIT 2	BORED PIPE PLUGS TO ACCEPT ZINC PLUGS. REMOVED OLD PLUGS, INSTALLED NEW ONES WITH OPS STANDBY.
3	11/02/84	02-CH -E -53	008583	REPLACE ZINC PLUGS. THEY LEAK	BORED PIPE PLUGS TO ACCEPT ZINC PLUGS. REMOVED OLD PLUGS. INSTALLED NEW ONES WITH OPS STANDBY
R03	11/02/84	02-RC -HSS -122	008864	CRACK FITTINGS AS PER ENGINEER	REMOVED LINE BETWEEN RESERVOIR AND FLOW RESTRICTOR TO DETERMINE IF FLUID WAS PRESENT. NO FLUID PRESENT. REINSTALL LINE
R03	11/02/84	02-RC -HSS -123	008865	CRACK LINES AS PER ENGINEERING	REMOVED LINE BETWEEN RESERVOIR AND FLOW RESTRICTOR TO DETERMINE IF FLUID WAS PRESENT. NO FLUID PRESENT. REINSTALL LINE
R03	11/02/84	02-SI - -336	008700	PACKING LEAK, REPAIR	ADJUSTED PACKING GLAND, TIGHT
R03	11/02/84	02-SI - -337	001964	REPACK VALVE	ADJUSTED PACKING GLAND, TIGHT
R03	11/02/84	02-SI - -338	001962	REPACK VALVE	ADJUSTED PACKING GLAND, TIGHT
R03	11/02/84	02-SI - -339	001963	REPACK VALVE	ADJUSTED PACKING GLAND, TIGHT
3	11/06/84	02-FW - -130	001017	VALVE NEEDS A HANDWHEEL	REPLACED HANDWHEEL

VEPCO - SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 02 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/06/84	02-MS -	-147	003771 VALVE LEAKS THRU	PULLED BONNET INSPECTED INTERNALS REINSTALLED BONNET, REPACKED VALVE TORQUED BONNET BOLTS 150 FT LBS
R03	11/06/84	02-MS -	-381	008084 NEEDS RE-FURMANITED	RE-FURMANITED VALVE, SUBMITTED WR TO REPAIR TO ORIGINAL.
R03	11/07/84	02-FW -HCV -255A	008767	VALVE LEAKS BY	DISASSEMBLE VALVE AND INSPECT INTERNALS, REPACK STEM AND PLUG
R03	11/07/84	02-FW -HCV -255C	008768	VALVE LEAKS BY	DISASSEMBLE VALVE AND LAP SEAT AND PLUG AS NECESSARY TO GET 100% BLUEING
R03	11/07/84	02-MS -	-145	003767 VALVE LEAKS THRU	PULLED BONNET OFF INSPECTED INTERNALS REINSTALLED BONNET ADDED PACKING TORQUED BONNET BOLTS TO 150 FT LBS
R03	11/08/84	02-BD -	-11	008766 PACKING LEAK, REPAIR	REPACKED VALVE
R03	11/08/84	02-CH -	-301	002064 REPACK VALVE	REPACKED VALVE 1/4" PACKING 3625512, WORKED VALVE ON BACKSEAT
R03	11/08/84	02-CH -	-302	002065 NEEDS REPACKING	VALVE WORKED ON BACKSEAT, REPACKED VALVE 1/4" PACKING 3625512
R03	11/08/84	02-CH -	-304	002066 NEEDS REPACKING	WORKED VALVE ON BACKSEAT, REPACKED VALVE 9/16" PACKING 3625537
R03	11/08/84	02-FW -FCV -2498	008765	FEED REG VLV LEAKS THROUGH	DISASSEMBLED, FOUND VALVE CAGE & PLUG ASS'Y SCORED, REPLACED CAGE & PLUG ASS'Y WITH NEW PARTS, ASSEMBLED AND STROKED.
R03	11/08/84	02-MS -HSS -33A	008053	REFILL RESERVOIR	REFILLED SNUBBER RESERVOIR
R03	11/12/84	02-CH -	-314	009324 ADJUST/REPLACE PACKING	REPACKED WITH GARLOCK 98 1/4"
R03	11/12/84	02-WFP-HSS -4	009054	REMOVE, FUNCTIONAL TEST,	FILLED RESERVOIR.
R03	11/13/84	02-MS -MISC-272	003834	OUTLET ELBOW FURMANITED RETURN	REPLACED ELBOW, THREADED, CLEANED OUT FURMANITE
R03	11/14/84	02-BD -TV -200C	009296	REPACK VALVE	REPLACED PACKING WITH GARLOCK 98 1/4"
R03	11/14/84	02-CH -	-336	002636 PACKING LEAK - 4 DROPS/SEC	UNBOLTED FLANGE AND CUT TUBING. INSTALLED NEW GASKET AND NEW BLANK INSTALLED NUTS & BOLTS. TORQUED TO 390 FT LBS. INSTALLED CAP ON STAINLESS TUBELINE.
R03	11/16/84	02-MS -	-167	008710 PACKING LEAK, REPAIR	CUT OLD VALVE OUT OF SYSTEM, CLEANED PIPE FOR FIT UP OF NEW VALVE, INSTALLED NEW VALVE AND ONE NEW U-BOLT. NDE PT & QC VISUAL SAT.
R03	11/17/84	02-FW -	-71	002632 RESTORE PACKING TO ORIGINAL	REPLACE VALVE WITH NEW

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 11/01/84 THRU 11/30/84
 UNIT 02 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R03	11/17/84	02-MS - -155	008709	REPLACE HANDWHEEL NUT	BUSHING WILL HAVE TO BE REPLACED. VALVE WILL HAVE TO BE DISASSEMBLED TO REPLACE BUSHING. DISASSEMBLED VLV, MANUF. NEW BUSHING, REPACKED VLV, LAPPED WEDGE & BLUED FOR SEAT.
R03	11/19/84	02-SHP-HSS -8	009461	MACHINE SNUBBER PIN AS PER ATT	DRILLED HOLES IN ENDS OF PINS AS INSTRUCTED.
R03	11/20/84	02-DA -TV -200A	009293	VLV. HAS EXCESSIVE LEAKAGE AS Per PT 16.4	DISASSEMBLED VALVE, INSPECTED INTERNALS, LAPPED SEAT AND PLUG AS NECESSARY, GOT 100% BLUEING.
R03	11/26/84	02-LM -PI -201B	008518	INDICATOR IS PEGGED LOW.	REPLACED CAL & AMP BOARDS AND PERFORMED TRANSMITTER CALIBRATION. SAT CHECKED CALIBRATION OF ISOLATOR & INDICATOR. SAT.
R03	11/26/84	02-MS -LI -495	009564	CALIBRATION READS HIGH	CHECKED CALIBRATION OF TRANSMITTER. CAL. CHECK, OP SAT. CHECKED VALVE LINE UP, FOUND ROOT VALVE CLOSED, INFORMED OPS. THEY OPENED THE VALVE XMITTER LEVELED OUT TO OTHER 2 CHAN
R03	11/26/84	02-RC - -36	009510	INSTALL AND REMOVE VENT RIG	HEAD VENT RIG INSTALLED.
R03	11/26/84	02-RC -TI -432D	009674	RTD FAILED	CHECKED LOW LEVEL. CHECKED OK. CHECKED RTD. READ OPEN. PUT THE SAME RTD IN IT PLACE. PT SENT TO ENGINEERING.
R03	11/26/84	02-SW - -54	009458	REMOVE BLANK FLANGE DOWNSTREAM	BLANK REMOVED ON LEDGE IN PIT. BLANK INSTALLED.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

ELECTRICAL MAINTENANCE

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
R04	11/05/84	01-DA-TV -100B	008886	VALVE LIGHTS SHOW INTERMEDIATE	ADJUSTED LIGHTS AND CYCLED, VLV SAT
R04	11/05/84	01-MS -NRV -101C	003245	ELECT. DISCONNECT AND RECONNECT	ELECTRICALLY DISCONNECT, ELECTRICAL LY RECONNECTED, COMPLETED AS PER PROCEDURE.
R04	11/05/84	01-MS -NRV -101C	007135	PERFORM PMS MS-MOV-E/R1	PERFORMED PMS.
R04	11/05/84	01-RS -P -2A	008145	BRIDGE/MEGGER HEATER CIRCUIT & Repair as Necessary.	HEATER OPENED, MEGGERED GOOD, BRIDGED INFINITY, REPAIRED HEATER. NEED TO MFG & LOAD CHECK.
R04	11/05/84	01-SS -TV -102A	007281	ELECT. DISCONNECT & RECONNECT	PLACED BLUE TAG ON THE POWER LEAD (C4) GREEN LIGHT & RED LIGHT. LIFTED LEAD IN THE CONTROL ON TER- MINAL BLOCK #11E TERMINAL 9, 10, 11 BEHIND VERTICAL BOARD.
R04	11/07/84	01-BD -TV -100C	008825	OPEN LIMIT SWITCH.	NO ADJUSTMENTS NEEDED ON TV-BD-100C REMOVED COVER ON LIMIT SWITCH AND REMOVED MOISTURE AND CLEANED UP SWIT- CHES, CYCLED VALVE SEVERAL TIMES. NO OTHER PROBLEMS FOUND.
R04	11/07/84	01-VS -F -3I	007178	F A DOESN'T RUN IN THE ON Position.	RESET OVERLOADS AND TEST R AMPS CHECKED OK
R04	11/08/84	01-MS -TV -101B	003247	ELECT DISCONNECT AND RECONNECT	ELECTRICALLY DISCONNECTED ELECTRICALLY RECONNECTED
R04	11/08/84	01-MS -NRV -101B	007134	PERFORM PMS MS-MOV-E/R1	PERFORMED PMS 10/31/84
R04	11/09/84	01-EE -BUS -1J	001170	ASSIST OPERATIONS IN REMOVAL	ASSISTED OPS IN REMOVING J SERVICE
R04	11/09/84	01-EPH-BKR -15J8	004123	REPLACE PIN AND SPRING	INSTALLED COTTER PIN AND SP
R04	11/09/84	01-EPH-BKR -15J9	004122	REPLACE PIN AND SPRING	REPLACED COTTER PIN AND SPRING & 15J9 BREAKER.
R04	11/09/84	01-EPL-BKR -HA	009215	RIS TEMPORARY POWER SUPPLY	TEMP FEED 1: INSTALLED 11-8-84 1H1-182B TEMP FEED REMOVED 11-9-84
R04	11/10/84	01-EPH-BKR -15J7	007394	EMP-P-RT-108 PROTECTIVE RELAY	MEGGERED RELAY TESTED AND OPERATION AL TESTED REPLACED FUSES
R04	11/10/84	01-EPH-BKR -15J6	007450	EMP-P-RT-23 (A) PROTECTIVE	MEGGER, RELAY TEST, FUSES CHANGED, OPERATIONAL TEST
R04	11/12/84	01-EPH-BKR -15J7	004124	REPLACE PIN AND SPRING	PMS BKR 15J7, REPLACED SPRING AND CARTER KEY
R04	11/13/84	01-RC -P -14	006026	REPLACE HEAT DETECTOR	VOID: NO WORK PERFORMED AS PT 24.5A WAS PERFORMED SAT/HEAT DETECTOR CHECKED OUT OK.
R04	11/14/84	01-CS -MOV -100A	008698	REPLACE OVERLOAD ASSEMBLY AT MCC-1H1-232	OVERLOAD ASSEMBLY REPLACED.
R04	11/14/84	01-JI -MOV -1025B	008697	REPLACE OVERLOAD ASSEMBLY AT MCC-1J1-202	OVERLOAD ASSEMBLY REPLACED.
R04	11/14/84	01-SW -MOV -102B	008696	REPLACE OVERLOAD ASSEMBLY AT MCC-1J1-124	OVERLOAD ASSEMBLY REPLACED
R04	11/15/84	01-BR - -119	009697	REPLACE DIAGRAM	REPLACED BONNET ASSEMBLY FROM 1-BD- 411 NO PARTS WERE AVAILABLE, THIS M R WAS ORIGINALLY WRITTEN AS AN EMER

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
					GENCY AND CHARGED TO 3801009411
R04	11/17/84	01-EPH-BKR -15HB	004104	REPLACE PIN AND SPRING	INSTALLED PIN AND SPRING FOR 15HB.
R04	11/17/84	01-RH -MOV -1700	009459	VALVE WILL NOT OPEN ALL THE Way	CYCLED VALVE OPEN & CLOSE & CHECKED AMPS ON MOTOR. LOAD CHECKS OK.
R04	11/17/84	01-SI -TV -101A	007377	REMOVE/INSTALL SWITCHES FOR Valve Maintenance.	REMOVED SWITCHES. REPLACED SWITCHES CYCLED GOOD. SNAPLOCK SWITCHES VERY PHYSICALLY REMOVED, NO ELECTRICAL DISCONNECTION WAS NEEDED.
R04	11/17/84	01-SS -TV -102B	007280	ELECT. DISCONNECT & RECONNECT	PLACED BLUE TAG ON TERMINAL BLOCK# V1SK TERMINAL # 8,10 & 11, LOCATED VERTICAL BOARD IN U-1 CNRM ROOM. DISCONNECTED/RECONNECTED VALVE. SET LIGHTS SAT.
R04	11/19/84	01-CH -BL -1	009560	MODE UNIT #1 MAKEUP MODE SELEC Selector from Unit 1 to Unit 2.	REMOVED SWITCH FROM UNIT 1 AND PUT IT IN UNIT 2. NEW SWITCH B ON ORDER FOR UNIT 2.
R04	11/19/84	01-US -F -100A	009456	INSPECT AND TEST	MEGGERED MOTOR, MEGGERED CONTROLS.
R04	11/19/84	01-US -F -100B	009455	INSPECT AND TEST	MEGGERED MOTOR, MEGGER CONTROLS.
R04	11/19/84	01-US -F -100C	009454	INSPECT AND TEST	MEGGERED MOTOR, MEGGERED CONTROLS.
R04	11/20/84	01-FH -CR -05	009528	TROUBLE SHOOT BRIDGE DRIVE AND Replace Bridge Drive Resistor.	TROUBLESHOT PROBLEMS WITH THE STRAINS-ROGERS MAN. REMOVED THYRIST ORS FROM U-2 MANIPULATOR CRANE.
4	11/20/84	01-RP -BKR -A1	009890	PLACE RAYCHEM ON UVA LEADS	CUT COIL LEADS AT BRITT SPLICE. PLACED RAYCHEM OVER BOTH COIL LEADS WHERE LEADS LEAVE COIL. RE-SPLICED LEADS AND PLACED RAY-CHEM OVER SPLICES.
R04	11/20/84	01-SW -P -10A	009345	DISCONNECT AND RECONNECT	DISCONNECTED 11/12/84. RECONNECTED MOTOR. MEGGERED & BRIDGED 11/14/84. MTR COUPLING BROKE WHILE RUNNING. TEST FOR ROTATION. RAN SAT. TURNED OVER TO OPERATIONS.
R04	11/20/84	01-SW -P -10A	009625	PUMP VIBRATING EXCESSIVELY	VOID! NO WORK PERFORMED; NO VIBRATION PROBLEM AS PER OPS/NEW MOTOR/ PUMP INSTALL ON PREVIOUS W.O.
R04	11/26/84	01-BS -EP -12D	007025	PENETRATION LEAKS EXCESSIVELY	PRESSURIZED WITH H-2 TO 46PSI ON 11/19/84. CHECKED PRESS. ON 11/20, FAILED LEAK TEST. PRESSURIZED TO 90 PSI H-2 & FOUND LEAK IN FUTURE PLUMBING. UNIT READY TO BE TESTED.
R04	11/26/84	01-BS -EP -14E	008020	PENT. HAS EXCESSIVE LEAKAGE AS PT-16.2A	FILLED TO 49 PSI H-2 AND OBSERVED SLIGHT PRESSURE DROP. ADJUSTED TO 60 PSI, AND LEFT FOR 30 MIN. DROPPED TO TEST PRESSURE & OBSERVED NO CHANGE AFTER 30 MIN. TESTED SAT.
R04	11/26/84	01-BS -EP -17C	007369	CONAX ELECT. PENETRATION HAS Excessive Leakage As Per 16.2A	PRESSURIZED TO 46 PSI N2 ON 11/19. UNIT PASSED LEAK TEST, OK. PENETRATION TESTED SAT AS PER OPS.
R04	11/26/84	01-BS -EP -5B	006820	CONAX PENETRATION HAS EXCESSIVE Leakage as per 16.2A.	PRESSURIZED TO 46 PSI ON 11/19/84. UNIT FAILED LEAK TEST. FILLED TO 90 PSIN2 & LEFT OVERNIGHT. DROPPED PRESSURE TO 48.5 ON 11/20 & PRES-SURE IS RISING. UNIT READY TO TEST.

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 01 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	MO NUMBER	MO TITLE	HISTORY SUMMARY
R04	11/26/84	01-EPH-BKR -15H1	007505	EMP-P-RT-13 PROTECTIVE RELAY	MEGGERED, RELAYS TESTED, FUSES CHANGE D, OPERATIONAL TESTED. MATERIALS USED. SHAMNUT OT 30 FUSE-QTY 4 STOCK#0325248 PO SY09547
R04	11/26/84	01-EPH-BKR -15H11	007494	EMP-P-RT-17 PROTECTIVE RELAY	MEGGERED, RELAYS TESTED, FUSES CHANGED, OPERATIONAL TESTED.
R04	11/26/84	01-EPH-BKR -15J11	007492	EMP-P-RT-15 PROTECTIVE RELAY	MEGGERED, RELAYS TESTED, FUSES CHANGED, OPERATIONAL CHECKED.
R04	11/26/84	01-EPH-BKR -15J7	007451	EMP-P-RT-24 PROTECTIVE RELAY	MEGGER, RELAY TEST, OPERATIONAL CHECK MATERIAL USED FUSE, 30A QTY 4 SHAMNUT OT-30 PO # 09247 STOCK # (VEPCO) 0325248
R04	11/26/84	01-EPH-BKR -15J9	007491	EMP-P-RT-14 PROTECTIVE RELAY	MEGGERED, RELAYS TESTED, FUSES CHANGE D, OPERATIONAL CHECKED MATERIALS SHAMNUT OT 30 AMP. QUANTITY USED 4 PO# SY09247 STOCK# 0325248
R04	11/27/84	01-EE -INV -1-2	009561	REPLACE INDUCTOR L-12 USING PRD EMP-C-EPDC-09.	INDUCTORE REMOVED. INSTALLED NEW INDUCTOR FOR 1-2. INDUCTOR WAS REPLACED BECAUSE INDUCTOR WAS EXPERIENCING SIGNS OF DETERIORATION.
R04	11/28/84	01-SI -MOV -1864B	009774	VALVE IN INTERMEDIATE POSITION	CONTROL ROOM CYCLED MOV THRICE AND FOUND NO PROBLEM 11-25-84 VALVE CYCLED SAT 11-28-84
R04	11/30/84	01-BG -EP -7E	006835	CONAX PENETRATION HAS EXCESSIVE as Per 16.2A	LEAK WAS REPAIRED WITH CONAX REPRESENTATIVE 11-29-84
R04	11/30/84	01-CH -HCV -1200A	008522	ELECTRICALLY DISCONNECT SWITCH	MECHANICALLY REMOVED VALVE AND LIMIT SWITCHES ON HCV-1200A 10-28-84. MECHANICALLY REINSTALLED LIMIT SWITCHES AND CYCLED VALVE SAT NO ADJUSTMENTS NECESSARY
R04	11/30/84	01-EE -P -1C	008760	REPLACE OVERLOAD ASSEMBLY AT MCC-1J1-143	REPLACED OVERLOAD ASSEMBLY 11-3-84 OVERLOAD SPRING ASSEMBLY: 0342726
R04	11/30/84	01-EP -EP -9B	006832	LEAKS- FAILED 2 DELTA P DROP	LEAK WAS REPAIRED WITH CONAX REPRESENTATIVE
R04	11/30/84	01-EPH-BKR -15H7	004103	REPLACE PIN AND SPRING	INSTALLED SPRING AND PIN FOR 15H07 11-16-84
R04	11/30/84	01-FW -MOV -260B	008762	REPLACE OVERLOAD ASSEMBLY AT MCC-1J1-24T(E).	REPLACED OVERLOAD ASSEMBLY WITH NEW ONE.
R04	11/30/84	01-RM -TV -100A	008530	ELECTRICALLY DISCONNECT AND RE	PULLED SWITCHES OUT OF THE WAY NO ELEC DISCONNECTION WAS REQUIRED LIMIT SWITCHES PUT BACK ON AND VALVE CYCLED SAT. NO LIMIT SWITCH ADJUSTMENTS WAS NECESSARY 11/29/84
R04	11/30/84	01-VS -F -4B	007965	REPLACE BREAKER FOR 1-VS-F-4B	INSTALLED NEW BREAKER AND TURNED OVER TO DANIELS ELECT TO INSTALL FUSE 11-26-84

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

ELECTRICAL MAINTENANCE

VERPCD SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 02 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	MO NUMBER	MO TITLE	HISTORY SUMMARY
R04	11/05/84	02-IA-TV-200	002692	WIRE HARNESS BROKE	CABLE REPAIRED IN HARNESS.
R04	11/05/84	02-SI-MOV-2876C	004993	ELECTRICAL CONDUIT GOING TO	FLEX BROKEN AT CONNECTOR. CUT OFF DEFECTIVE SECTION AND RE-CONNECTED. DID NOT HAVE TO DISCONNECT LEADS ON VALVE.
R04	11/07/84	02-CH-MOV-2287A	006867	MOV-2287A WILL NOT CLOSE ELECT	2H3-253 TORQUE SWITCH READS OPEN ADJUSTED LIMIT SW CYCLED SAT 11-5-84
R04	11/07/84	02-SI-MOV-2852C	008916	REPLACE SOV	REPLACED SOV 11-6-84 CYCLED VALVE SAT
R04	11/09/84	02-US-MOV-200C	009192	ADJUST TORQUE SWITCH	ADJUSTED CLOSED LIMIT SWITCH. OPERATED SAT.
R04	11/10/84	02-CH-MOV-2307	009214	VLV. OPEN, SWITCH IN CLOSED Position.	REPLACED SOV VALVE 11-9-84 SOV:0760486 (1) BUTT SPLICE:(2) P.O. 30362
R04	11/12/84	02-BD-TV-200C	008631	TRIP VALVE MUST BE RESET IN Containment To Open.	CONTROL ROOM CYCLED VALVE SEVERAL TIMES. VALVE CYCLES SAT. NO WORK PERFORMED OR NEEDED AS VALVE CYCLED SAT.
R04	11/12/84	02-RC-MOV-2303B	002114	MOV SWITCH INDICATES INTERMEDI Intermediate Position.	WIRES WERE CORRODED, REPLACED TERMINAL LUGS, REPLACED LIMIT SWITCH, TEST CYCLED FOR LST VERIFICATIONS.
R04	11/14/84	02-EPH-BKR-24J14	009352	INSPECT, TEST AND SET NEW.	PERFORMED PMS.
R04	11/17/84	02-BA-TV-200A	009295	DISCONNECT/RECONNECT FOR MECH.	REMOVED AWAY FROM VALVE SO VALVE COULD BE PULLED. REMOVED LIMIT SWITCHES WITH CRACKS AND PULLED SOV AWAY FROM VLV. REPLACED LIMIT SWITCHES & CYCLED SOV OPS OK.
R04	11/19/84	02-HS-TV-201A	009575	ADJUST LIMITS.	ADJUSTED LIMITS ON 2-HS-TV-201A CONTROL ROOM CYCLED VALVE SAT 11-17-84.
R04	11/19/84	02-RC-MOV-2595	006845	VALVE WILL NOT CLOSE	INSTALLED JUMPERS ON RC-MOV-2595 2593 AND 2591 AS PER SS JENKINS 11-16-84. REMOVED JUMPERS AFTER VALVES WERE CYCLED 11-16-84.
R04	11/19/84	02-RP-BKR-A1	009514	REPLACE UATA TRIP COIL ON 'A' Normal Breaker.	REPLACED UATA ON U2 A NORMAL BREAKER AND PERFORMED PMS ON MO 009496
R04	11/19/84	02-RP-BKR-RT-B	009576	REPAIR BREAKER	REPLACED BREAKER RETAINER LEVER FOR FULL CONNECT POSITION ON RIGHT HAND SIDE. REPLACED THE BROKEN PIECE WITH THE PIECE FROM A NORMAL UNIT 1
R04	11/20/84	02-CH-P-1C	009039	AUX LUBE OIL PUMP WILL NOT RUN	BRIDGED #7 ON ALL PHASES, MEGGERED 0 MGR MOTOR DISCONNECTED/RECONNECTED, COMPLETED PROCEDURE ENP-C-EPL-117
R04	11/20/84	02-RP-BKR-B1	009497	PMS IN ACCORDANCE WITH PC-DB-R/A1.	PMS PERFORMED SAT ON U-2 'B' NORMAL RX TRIP BREAKER
R04	11/20/84	02-SI-MOV-2852A	009272	SOLENOID FAILED OPEN-REPLACE	REPLACED SOV BUT OPS COULD NOT CYCLE VALVE 11/9/84. VALVE SAT 11/18/84.
R04	11/20/84	02-SI-MOV-2852B	009271	REPLACE SOV	REPLACED SOLENOID VALVE BUT OPS COULD NOT CYCLE 11/9/84. VALVE SAT 11/18/84.
R04	11/20/84	02-SW-MOV-206B	009656	VALVE WILL NOT MOVE ELECTRICAL	CYCLED VALVE BY HAND & FOUND LIMITS SET CORRECTLY. HAD CONTROL ROOM CYCLE VALVE ELECTRICALLY AND VALVE CYCLED. TOOK AMP READINGS.
R04	11/30/84	02-FW-FCV-249B	008785	ELECTRICALLY DISCONNECT/RECON-	MECHANICS PULLED LIMIT SWITCHES BACK OUT OF WAY. REINSTALLED LIMIT SWITCHES NO ADJUSTMENT WAS NECESSARY 11-5-84

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

INSTRUMENT MAINTENANCE

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 11/01/84 THRU 11/30/84
 UNIT 01 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
T22	11/01/84	01-EPL-FIT -1435	004456	RECEIVING ALARMS ON E-D-4, LO-	PERFORMED REFUELING CAL ON LOOP, ADJUSTED FM-1-435, FC-1-435 AND FT- 1-435. ALSO COVERED BY JOB #380100- 5696 PT SENT TO ENGINEERING
T22	11/19/84	01-RM -RMS -159	008600	ALERT COMES IN AT 2.0 E + 3	ADJUSTED ALERT & ALARM SETPOINTS TO THEIR REQUIRED VALUES.
T22	11/19/84	01-RM -RR -100	009111	REPLACE INK WHEEL.	REPLACED INK PADS, CHECKED OPERA- TION, CHECKED SAT.
T22	11/26/84	01-CC -P -1B	007732	CALIBRATE 1B COMPONENT COOLING	REPLACED GAUGE.
T22	11/27/84	01-CH -MCV -1389	005944	SOLENOID HAS AIR LEAK	FOUND NO AIR LEAK, NO WORK NECES- SARY.
T22	11/27/84	01-RC -PI -1A	008222	CALIBRATE BEARING LIFT PRES- sure gauge.	REPLACED GAUGE DUE TO CORROSION AND WEAR TO OLD GAUGE
2	11/27/84	01-RC -PI -1B	008221	CALIBRATE BEARING LIFT PRES-	REPLACED GAUGE DUE TO CORROSION AND WEAR OF OLD ONE.
T22	11/27/84	01-RC -PI -1C	008220	CALIBRATE BEARING LIFT PRES-	REPLACED GAUGE DUE TO CORROSION AND WEAR OF OLD ONE.
T22	11/27/84	01-SI -FT -946	008820	REPLACE DEFECTIVE TRANSMITTER.	REMOVED & REMORKED TRANSMITTER, PER FORMED LOOP CAL-368, OPERATION CK SAT. ADJUSTED TRANSMITTER TO WITHIN SPECS.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

INSTRUMENT MAINTENANCE

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 11/01/84 THRU 11/30/84
 UNIT 02 SURRY

DEPT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
T22	11/01/84	02-RI -ANN -JGB	008528	INVESTIGATE WHY ALARM IS Inoperative.	LOW GAS PRESSURE ALARM AT ANALYSIS DUE TO O2 BOTTLE EMPTY. VALVED IN A NEW O2 BOTTLE WHICH CLEARED LOW GAS PRESSURE ALARM. PUSHED COMMON ALARM RESET BUTTON IN CRM, CLEARED ALARM
T22	11/02/84	02-RC -TI -2/432	008035	INDICATION IS DRIFTING DOWN.	CALIBRATED TH AND TC LOW LEVEL VT SUMMATOR AND ISOLATOR TH412A AND ASSOCIATED RECORDER COMPUTER INDICATOR RESCALED DELTA T SUMMATOR PER SET POINT CHANGE 84-19 10/31/84
T22	11/07/84	02-RM -RMS -260	008936	active. FLOW FAULT ON RAD MONITOR	BYPASSED BOTH PARTICULATE AND GAS MONITORS MOMENTAIRLY FOUND NO CHANGE IN ROTOMETER AND VACUUM GAUGE INDICATION STILL INDICATING LOW FLOW ON VACUUM INSPECTED SAMPLE LINES
T22	11/08/84	02-IC -MISC-A	002758	'A' DETECTOR IS STUCK OR IS ON	FOUND CLUTCH SEPERATED. REASSEMBLED AND CHECKED. WORKING SAT. DID NOT HAVE TO REPLACE DETECTOR.
T22	11/12/84	02-FW -HCV -255C	008787	REMOVE INSTRUMENTATION TO Allow valve repair.	REMOVED INSTRUMENTS. MARKED AND STORED IN PNEUMATICS SHOP. REINSTALLED INSTRUMENTATION AND PERFORMED CHECK OUT ON E/P POSITIONER AND VALVE STROKE

VEPCO SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
FROM 11/01/84 THRU 11/30/84
UNIT 02 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
J22	11/13/84	02-FW -FCV -2496	008786	REMOVE INSTRUMENTATION TO Allow valve repair.	REMOVED INSTRUMENTS. STORED AND MARKED IN PNEUMATICS SHOP. INSTRUMENTS REINSTALLED, PERFORMED CHECKOUT OF VALVE.
T22	11/13/84	02-FW -HCV -255A	008788	REMOVE INSTRUMENTATION TO allow valve Repair.	REMOVED INSTRUMENTATION & MARKED. STORED IN PNEUMATIC SHOP. REINSTALLED INSTRUMENTS & PERFORMED CHECK ON E/P POSITIONER AND VALVE STROKE
T22	11/14/84	02-RM -MISC-259	008179	INSTALL ROTAMETER PROPERLY IN View Port	MOUNTED ROTOMETER IN CABINET.
T22	11/19/84	02-NI -CHA -31B	005537	BOTH SOURCE RANGE CHANNELS	NO REASON FOR PROBLEM, UNIT TRIPPED 10/30/84 AND SOURCE RANGE RE-ENERGIZED AS IT SHOULD.
T22	11/19/84	02-RC -LC -484	008420	REPLACE COMPARATOR	WHILE PERFORMING MONTHLY PT, COULD NOT GET OUTPUT #1 TO TRIP PROPERLY. REPLACED LC-2-484 AND OUTPUT #1 WORKS SAT. PT SENT TO ENGINEERING.
T22	11/19/84	02-RM -RR -250	009112	REPLACE INK WHEEL	REPLACED INK PADS, CHECKED OPERATION, CHECKED SAT.
T22	11/19/84	02-RP -METR-10	008745	CHECK INDICATOR	RAN INDICATOR FOUND NO PROBLEM
2	11/19/84	02-SI -PI -931	009098	PRESSURE INDICATOR FAILED HIGH	REPLACED TRANSMITTER
T22	11/19/84	02-VG -RM -109	008465	TUBING CONNECTING RM 109 TO 110 & Need Replacing.	REPLACED RUBBER HOSE
T22	11/20/84	02-CS -TR -200	009120	REPLACE INK WHEEL	REPLACED INK WHEEL.
T22	11/20/84	02-RC -MDN -1A	007801	PRE-AMP BIAS TEST ON PT 2.32	REPLACED LINE DRIVER. PERFORMED PT 2.32 TO VERIFY PROPER OPERATION, OF SAT. PT SENT TO ENGINEERING.
T22	11/21/84	02-MS -PT -484	008821	REPLACE DEFECTIVE TRANSMITTER	REPLACED TRANSMITTER DUE TO DEFECTIVE SEALANT. INSTALLED NEW TRANSMITTER AND PERFORMED CAL.
T22	11/21/84	02-NI -DETR-43	008177	NI-43 LOWER SECTION CAUSES	REPLACED DETECTOR, PERFORMED CABLE RESISTANCE CHECKS, SET HV. PT RAN ON DRAWER AND RETURNED TO SERVICE.
T22	11/26/84	02-FW -FI -2477	009703	CH-3 FEED FLOW READS LOW(ZERO)	REMOVED TRANSMITTER AND INSTALLED NEW TRANSMITTER. CHECKED CALIBRATION PER PT 2.10A. CHECKED SAT.
T22	11/26/84	02-NI -MISC-32	005529	READING ERRATIC	DISCONNECTED CABLE FROM PRE-AMP TO DETECTOR. CHANGED PRE-AMP AND PROBLEM STILL EXISTS. REPLACED DETECTOR, RAN DISCRIMINATOR AND VOLTAGE PLATEAU NEW DETERMINED BAD SWAPPED
T22	11/26/84	02-RC -T/C -5	008169	ERRATIC SPIKING TO SUPER HEAT	ENABLED T/C-5, OBSERVED MONITOR FOR 96 HOURS, THE PROBLEM DID NOT RE-OCCUR. PERFORMED PT 2.27 MONITOR OPERATION, CHECKED SAT.
2	11/26/84	02-RM -RCIR-RR200	009317	RECORDER READS ERRATIC	CLEANED INPUT SELECTOR CONTACTS. OF SAT.

VEPCO * * SAFETY RELATED DURING REDUCED POWER SORTED BY UNIT AND DEPARTMENT
 FROM 11/01/84 THRU 11/30/84
 UNIT 02 SURRY

PT	RETURNED TO SERVICE	MARK NUMBER	WO NUMBER	WO TITLE	HISTORY SUMMARY
T22	11/26/84	02-SI -LI -2930	009032	GREATER THAN 3 X DEVIATION	CHECKED VAE LINE UP ON TRANSMITTER AND BLEW DOWN. OF SAT.
T22	11/27/84	02-NI -DET -43	009706	REVERSE SIGNAL CABLE "A" AND "B	SWAPPED SIGNAL LEADS 'A' & 'B' BY PLACING SIGNAL CABLE 'A' ONTO SIG- NAL 'B' DRAWER INPUT AND SIGNAL CABLE 'B' ONTO 'A' DRAWER INPUT.

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

December 14, 1984

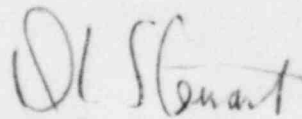
Mr. Maurice R. Beebe
Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 735
NO/JDH/lms
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

VIRGINIA ELECTRIC AND POWER COMPANY
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 November, 1984.

Very truly yours,


W. L. Stewart

Enclosure (3 copies)

cc: Mr. R. C. DeYoung, Director (12 copies)
Office of Inspection and Enforcement

Mr. James P. O'Reilly (1 copy)
Regional Administrator
Region II

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

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