

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 1601

FILE: MONTHLY REPORT FILE

FROM: Carolina Power & Light Co. Raleigh, N.C.		DATE OF DOC 2-1-75	DATE REC'D 2-12-75	LTR XXXX	TWX	RPT	OTHER
TO: ANRC		ORIG no	CC 1	OTHER	SENT AEC PDR <u>XXXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-261		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

Monthly Report for January, 1975
Plant & Component Operability & Availability
This Report to be used in preparing Grey
Book by Plans & Operations.

No. of Cys Rec'd 1

PLANT NAME: H.B. Robinson #2

FOR ACTION/INFORMATION 2-13-75 JGB

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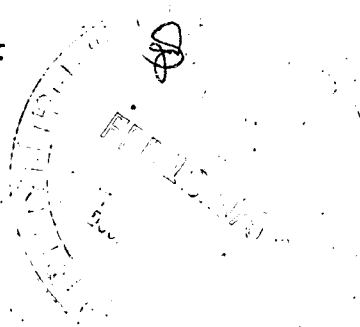
INTERNAL DISTRIBUTION

<u>REG FILE</u> AEC PDR OGC, ROOM P-506-A MUNTZING/STAFF CASE GIAMBUSSO BOYD MOORE (S) (BWR) DEYOUNG (S) (PWR) SKOVHOLT (S) GOLLER (S) P. COLLINS DENISE REG OPR FILE & REGION (2) T.R. WILSON	<u>TECH REVIEW</u> SCHROEDER MACCARRY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLIMER	<u>DENTON</u> GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> DIGGS (S) GEARIN (S) GOULBOURNE (S) KREUTZER (E) LEE (S) MAIGRET (S) REED (E) SERVICE (S) SHEPPARD (S) SLATER (E) SMITH (S) TEETS (S) WILLIAMS (E) WILSON (S) INGRAM (S)	<u>A/T IND</u> BRAITMAN SALTZMAN B. HURT <u>PLANS</u> MCDONALD CHAPMAN DUBE w/input E. COUPE D. THOMPSON (2) KLECKER EISENHUT
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EXTERNAL DISTRIBUTION

1-LOCAL PDR <u>Hartsville, S.C.</u> 1-TIC (ABERNATHY) 1-NSIC (BUCHANAN) 1-ASLB 1-NEWTON ANDERSON 16-ACRS HOLDING	(1) (2) (10) -NATIONAL LABS 1-W. PENNINGTON, RM-E-201 G.T. 1-CONSULTANTS NEWMARK/BLUME/AGBABIAN	1-PDR SAN/LA/NY 1-BROOKHAVEN NAT LAB 1-G.ULRIKSON, ORNL 1-AGMED RUTH GUSSMAN ROOM B-127 G.T. 1-J. RUNKLES RM-E-20 G.T.
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Rec'd
2/12
11:00



UNIT NAME H. B. ROBINSON UNIT NO. 2
DATE 2-1-75
COMPLETED BY Frank Watkins

OPERATING STATUS

1. REPORTING PERIOD: 0000,75010 TO 2400,750131
GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL MWt 2200 MWe-Net 665
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None
4. REASONS FOR RESTRICTIONS (IF ANY): None

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL.	<u>686.25</u>	<u>686.25</u>	<u>26,177.69</u>
6. REACTOR RESERVE SHUTDOWN HOURS.	<u>57.75</u>	<u>57.75</u>	<u>189.03</u>
7. HOURS GENERATOR ON-LINE	<u>685.02</u>	<u>685.02</u>	<u>25,612.63</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>-</u>	<u>-</u>	<u>-</u>
9. GROSS THERMAL POWER GENERATED (MWH)	<u>1,494,979</u>	<u>1,494,979</u>	<u>52,027,759</u>
10. GROSS ELECTRICAL POWER GENERATED (MWH).	<u>499,584</u>	<u>499,584</u>	<u>16,999,018</u>
11. NET ELECTRICAL POWER GENERATED (MWH).	<u>476,102</u>	<u>476,102</u>	<u>16,120,830</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>92.24</u>	<u>92.24</u>	<u>76.31</u>
13. PLANT AVAILABILITY FACTOR (2)	<u>92.07</u>	<u>92.07</u>	<u>74.67</u>
14. PLANT CAPACITY FACTOR (3)	<u>96.23</u>	<u>96.23</u>	<u>70.67</u>
15. FORCED OUTAGE HOURS	<u>7.92</u>	<u>7.92</u>	<u>18.12</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE AND DESCRIPTION OF EACH):
Scheduled shutdown for transition to all volatile waste treatment chemistry control on 4-12-75 for 10 days.
17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On line

- (1) REACTOR AVAILABILITY FACTOR= $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
(2) PLANT AVAILABILITY FACTOR= $\frac{\text{HOURS GENERATOR ON LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
(3) PLANT CAPACITY FACTOR= $\frac{\text{ACTUAL NET ELECTRICAL OUTPUT (MWe-Net)}}{\text{MAXIMUM DEPENDABLE CAPACITY (MWe-Net)} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$
(4) FORCED OUTAGE DATA= $\frac{\text{FORCED OUTAGE HOURS}}{\text{TOTAL PLANT ON-LINE 4 FORCED OUTAGE HOURS}} \times 100$

ENCLOSURE A

UNIT H. B. Robinson Unit 2

DATE 2-1-75

COMPLETED BY Frank Watkins

DAILY PLANT POWER OUTPUTMONTH January 1975

<u>DAY</u>	<u>AVERAGE DAILY Mda-net</u>	<u>DAY</u>	<u>AVERAGE DAILY Mda-net</u>
1	* 703	25	* 698
2	* 702	26	* 687
3	* 665.5	27	* 700
4	-	28	* 700
5	-	29	* 699
6	333	30	* 689
7	* 698	31	* 669
8	* 703		
9	* 703		
10	* 704		
11	* 703		
12	* 609		
13	* 704		
14	* 701.4		
15	* 700		
16	* 706		
17	* 704.7		
18	* 703.8		
19	* 687		
20	* 705		
21	* 702.8		
22	* 698.5		
23	* 698.2		
24	* 699		

*Net Gen. was higher than maximum dependable because of low impoundment temperature

SUMMARY: One shutdown due to condenser repair. Unit was on line for 685.02 hours for the month with a capacity factor of 96.23%

UNIT NAME H. B. Robinson Unit 2
DATE 2-3-75

COMPLETED BY Frank Watkins

REPORT WITH January

PLANT SHUTDOWNS

No.	DATE	TYPE F-FORCED S-SCHEDULED	DIAGNOSTIC (NOTES)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
279	1-3-75	F		A	1	Condenser repair, instrument bus failure

(1) REASON:

- A-EQUIPMENT FAILURE (EXPLAIN)
- B-MAT. OR TEST
- C-REFUELING
- D-REGULATORY RESTRICTION
- E-OPERATOR TRAINING AND LICENSE EXAMINATION
- F-ADMINISTRATIVE
- G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:

- A-MANUAL
- B-MANUAL SCRAM
- C-AUTOMATIC SCRAM

APPENDIX C

APPENDIX C

DOCKET NO. 50-324UNIT Brunswick #2DATE February 1, 1975COMPLETED BY A. McCauley

AVERAGE DAILY UNIT POWER LEVEL

MONTH January, 1975

DAY	AVERAGE DAILY POWER LEVEL (MWe-net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>		<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11		27	<u>0</u>
12	<u>0</u>		<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

DAILY UNIT POWER LEVEL FORM 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.

These figures will be used to plot a graph for each reporting month. Note that by using maximum dependable capacity for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

1.16-C.1

APPENDIX D

UNIT Brunswick #2

DATE February 1, 1975

COMPLETED BY A. McCauley

DOCKET NO. 50-324

Phone: 919-457-6701 ext. 214

OPERATING STATUS

1. REPORTING PERIOD: 0001, January 1, 1975 THROUGH 2400, January 31, 1975
HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWH) 2435 MAX. DEPENDABLE CAPACITY (MWE-NET) 808
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWE-NET): 0
4. REASONS FOR RESTRICTION (IF ANY): Plant in Startup Phase, must have permission for criticality and opening of MSIV's from AEC.

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>0</u>	<u>0</u>	<u>0</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>0</u>	<u>0</u>	<u>0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>0</u>	<u>0</u>	<u>0</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>-3740</u>	<u>-3740</u>	<u>-3740</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>NA</u>	<u>NA</u>	<u>NA</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>NA</u>	<u>NA</u>	<u>NA</u>
14. UNIT CAPACITY FACTOR (3)	<u>NA</u>	<u>NA</u>	<u>NA</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>NA</u>	<u>NA</u>	<u>NA</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):			

17. IF SHUT DOWN, STATE REASON FOR SHUT DOWN AND STATUS.
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>2/23/75</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>4/15/75</u>	<u>-</u>
COMMERCIAL OPERATION	<u>7/1/75</u>	<u>-</u>

- (1) REACTOR AVAILABILITY FACTOR $\cdot \frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (2) UNIT AVAILABILITY FACTOR $\cdot \frac{\text{HOURS GENERATOR ON LINE}}{\text{HOURS IN REPORTING PERIOD}} \times 100$
- (3) UNIT CAPACITY FACTOR $\cdot \frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{MAX. DEPENDABLE CAPACITY (MWE-NET)} \times \text{HOURS IN REPORTING PERIOD}}$
- (4) UNIT FORCED OUTAGE RATE $\cdot \frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}} \times 100$

APPENDIX E

UNIT SHUTDOWNS

DOCKET NO. 50-324

UNIT NAME Brunswick #2

DATE February 1, 1975

COMPLETED BY A. McCosley
Phone: 919-457-6701 ext. 21

REPORT MONTH _____

[illegible]

SUMMARY:

Unit 2 2. Workshop Phase.