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TO: Mr. Ernest Volgenau

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PLANT NAME: H B ROBINSON UNIT # 2

ENCLOSURE

MONTHLY REPORT FOR December, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.Note: Also attached are corrections and
clarifications of previous reports
in accordance with NRC 10-29-76 Ltr..(10 encl rec'd)
(17 pages)

SAFETY

FOR ACTION/INFORMATION

ENVIRO JCM 1-14-77

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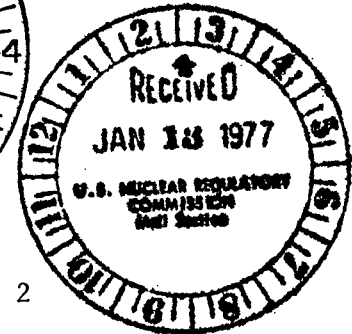
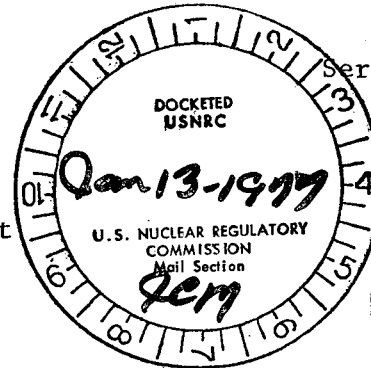
Carolina Power & Light Company

Regulatory Docket File January 11, 1977

File: NG-3513 (R)

Serial: NG-76-026

Mr. Ernest Volgenau, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Volgenau:

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261
LICENSE NO. DPR-23
MONTHLY OPERATIONS REPORT

In accordance with Technical Specification 6.9.1.c for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of December, 1976.

Also attached you will find corrections and clarifications of previous reports in accordance with your letter of October 29, 1976.

Yours very truly,

Harold R. Banks
H. R. Banks

Manager
Nuclear Generation

CSB:mvp
Attachments

cc: Messrs. W. G. McDonald
N. C. Moseley

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APPENDIX C

DOCKET NO. DPR-23

UNIT H. B. Robinson Two

DATE 1-5-77

COMPLETED BY M. L. Watford

AVERAGE DAILY UNIT POWER LEVEL

MONTH December, 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	75
13	84
14	140
15	344
16	423

DAY AVERAGE DAILY POWER LEVEL
(MWe-net)

17	432
18	414
19	0
20	373
21	608
22	682
23	690
24	691
25	692
26	692
27	692
28	692
29	689
30	689
31	691

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.

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT H. B. Robinson Two
DATE January 5, 1977
COMPLETED BY M. L. Watford
TELEPHONE (803) 332-1351 Ext. 142

OPERATING STATUS 0000,761201-

1. REPORTING PERIOD: 2400,761231 GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 700

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None

4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	522.56	7578.85	39,596.35
6. REACTOR RESERVE SHUTDOWN HOURS	12.03	105.82	335.31
7. HOURS GENERATOR ON LINE	436.53	7,440.55	38,739.55
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	772,992	15,867,245	79,988,686
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	249,633	5,128,742	26,024,666
11. NET ELECTRICAL ENERGY GENERATED (MWH)	231,301	4,874,089	24,689,591
12. REACTOR SERVICE FACTOR	70.24	86.28	77.48
13. REACTOR AVAILABILITY FACTOR	71.85	87.48	78.14
14. UNIT SERVICE FACTOR	58.67	84.71	75.81
15. UNIT AVAILABILITY FACTOR	58.67	84.71	75.81
16. UNIT CAPACITY FACTOR (Using MDC)	46.75	83.44	72.65
17. UNIT CAPACITY FACTOR (Using Design MWe)	44.41	79.27	69.02
18. UNIT FORCED OUTAGE RATE	2.91	2.84	15.02

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): None

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On Line

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	--	--
INITIAL ELECTRICITY	--	--
COMMERCIAL OPERATION	--	--

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. DPR-23
UNIT NAME H. B. Robinson Two
DATE 1-5-77
COMPLETED BY M. L. Watford
TELEPHONE 332-1351

REPORT MONTH December, 1976

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
10-03	10-30-76	S	272.02	C	4	(1) REASON A: EQUIPMENT FAILURE (EXPLAIN) B: MAINT. OR TEST C: REFUELING D: REGULATORY RESTRICTION E: OPERATOR TRAINING AND LICENSE EXAMINATION F: ADMINISTRATIVE G: OPERATIONAL ERROR (EXPLAIN) H: OTHER (EXPLAIN) Continuation of October Refueling Outage "B" SG FW Regulator Valve Malfunctioned Causing Turbine Trip Balance RCP's and Turbine
12-01	12-13-76	F	6.65	A	3	
12-02	12-18-76	S	22.38	B	1	
12-03	12-19-76	F	6.42	A	3	(2) METHOD 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN) "B" SG FW Regulator Valve Malfunctioned Causing Turbine Trip

SUMMARY: The unit was on the line 436.53 hours during the month. An EFPD of 14.640 was achieved due to low power testing following the outage.

1.16-13

APPENDIX E UNIT SHUTDOWNS

DOCKET NO. Robinson No. 2

UNIT NAME 4-1-75

DATE M. L. Watford

COMPLETED BY _____

REPORT MONTH March 1975

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	CORRECTIVE ACTIONS/COMMENTS
	3-8-75	S	21.88	B	1	Unit brought off the line for maintenance of feedwater heater. During outage training startups and shutdowns (3) on the reactor were made.
						<div> <div>(1) REASON</div> <div> A EQUIPMENT FAILURE (EXPLAIN) B MAINT. OR TEST C REFUELING D-REGULATORY RESTRICTION E- OPERATOR TRAINING AND LICENSE EXAMINATION F- ADMINISTRATIVE G- OPERATIONAL ERROR (EXPLAIN) H- OTHER (EXPLAIN) </div> </div> <div> <div>(2) METHOD</div> <div> 1-MANUAL 2-MANUAL SCRAM 3-AUTOMATIC SCRAM </div> </div>

SUMMARY: The plant was on the line for 722.12 hours during the month with a plant capacity factor of 99.83%. The reactor was on the line 733.02 hours.

116E-1

APPENDIX D

UNIT Robinson No. 2
DATE 11-2-75
COMPLETED BY M. L. Watford
DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000,751001 THROUGH 2400,751031
HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>732.55</u>	<u>5,944.62</u>	<u>31,436.05</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>11.82</u>	<u>95.80</u>	<u>227.14</u>
7. HOURS GENERATOR ON LINE	<u>723.57</u>	<u>5,900.61</u>	<u>30,828.22</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,570,272</u>	<u>12,740,376</u>	<u>63,273,156</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>507,963</u>	<u>4,125,698</u>	<u>20,625,132</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>483,823</u>	<u>3,919,515</u>	<u>19,564,243</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>98.33</u>	<u>81.48</u>	<u>76.94</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>97.12</u>	<u>80.87</u>	<u>75.46</u>
14. UNIT CAPACITY FACTOR (3)	<u>97.66</u>	<u>80.78</u>	<u>72.01</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>2.79</u>	<u>12.89</u>	<u>17.63</u>

16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):
Refueling - November - Four weeks
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: December, 1975
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICAL POWER GENERATION	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

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

APPENDIX D

UNIT H. B. Robinson TwoDATE 12/3/75COMPLETED BY M. L. WatfordDOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000,751101 THROUGH 2400,751130
 HOURS IN REPORTING PERIOD: 720
 2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MW_e-NET) 665
 3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MW_e-NET): None
 4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>0</u>	<u>5944.62</u>	<u>31436.05</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>95.86</u>	<u>227.14</u>
7. HOURS GENERATOR ON LINE	<u>0</u>	<u>5900.61</u>	<u>30828.22</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>12740376</u>	<u>63273156</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>0</u>	<u>4125698</u>	<u>20625132</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>0</u>	<u>3919515</u>	<u>19564243</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>0</u>	<u>74.16</u>	<u>75.61</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>0</u>	<u>73.61</u>	<u>74.15</u>
14. UNIT CAPACITY FACTOR (3)	<u>0</u>	<u>73.47</u>	<u>70.75</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0</u>	<u>12.89</u>	<u>17.63</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>None</u>			

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/5/75
 18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT H. B. Robinson Two

DATE 1/5/76

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000, 751201 THROUGH 2400, 751231
HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MW_e-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MW_e-NET): None
4. REASONS FOR RESTRICTION (IF ANY):

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>581.45</u>	<u>6526.07</u>	<u>32017.50</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>2.35</u>	<u>98.21</u>	<u>229.49</u>
7. HOURS GENERATOR ON LINE	<u>470.78</u>	<u>6371.39</u>	<u>31299.00</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>848,285</u>	<u>13,588,661</u>	<u>64,121,441</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>270,792</u>	<u>4,396,490</u>	<u>20,895,924</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>251,259</u>	<u>4,170,774</u>	<u>19,815,502</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>78.15</u>	<u>74.50</u>	<u>75.66</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>63.28</u>	<u>72.73</u>	<u>73.96</u>
14. UNIT CAPACITY FACTOR (3)	<u>50.78</u>	<u>71.60</u>	<u>70.41</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>6.36</u>	<u>12.44</u>	<u>17.48</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>None</u>			

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On Line
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT H. B. Robinson
 DATE 2/3/76
 COMPLETED BY M. L. Watford
 DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 0000,760101 THROUGH 2400,760131
 HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 700
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>632.23</u>	<u>632.23</u>	<u>32649.73</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>229.49</u>
7. HOURS GENERATOR ON LINE	<u>627.84</u>	<u>627.84</u>	<u>31926.84</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,357.013</u>	<u>1,357.013</u>	<u>65478454</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>453995</u>	<u>453995</u>	<u>21349919</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>432356</u>	<u>432356</u>	<u>20247858</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>84.98</u>	<u>84.98</u>	<u>75.82</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>84.39</u>	<u>84.39</u>	<u>74.14</u>
14. UNIT CAPACITY FACTOR (3)	<u>83.02</u>	<u>83.02</u>	<u>67.17</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>15.61</u>	<u>15.61</u>	<u>17.44</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>None</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>On Line</u>			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT H. B. Robinson No. 2

DATE 3-2-76

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760201,0000 THROUGH 760229,2400
HOURS IN REPORTING PERIOD: 696
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>696</u>	<u>1328.23</u>	<u>33345.73</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>229.49</u>
7. HOURS GENERATOR ON LINE	<u>696</u>	<u>1323.84</u>	<u>32622.84</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1519742</u>	<u>2876755</u>	<u>66998196</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>506988</u>	<u>960983</u>	<u>21856907</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>484239</u>	<u>916595</u>	<u>20732097</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>100.00</u>	<u>92.24</u>	<u>76.20</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>100.00</u>	<u>91.93</u>	<u>74.55</u>
14. UNIT CAPACITY FACTOR (3)	<u>104.62</u>	<u>95.72</u>	<u>71.25</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0.00</u>	<u>8.07</u>	<u>17.14</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):			

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On Line
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT H. B. Robinson Two

DATE 4/5/76

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760301,0000 THROUGH 760331,2400
- HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>739.48</u>	<u>2067.71</u>	<u>34085.21</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>2.33</u>	<u>2.33</u>	<u>231.82</u>
7. HOURS GENERATOR ON LINE	<u>734.95</u>	<u>2058.79</u>	<u>33357.79</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1593504</u>	<u>4470259</u>	<u>68591700</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>524522</u>	<u>1485505</u>	<u>22381429</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>500162</u>	<u>1416757</u>	<u>21232259</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>99.39</u>	<u>94.68</u>	<u>76.59</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>98.78</u>	<u>94.27</u>	<u>74.96</u>
14. UNIT CAPACITY FACTOR (3)	<u>101.09</u>	<u>97.55</u>	<u>71.75</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>1.22</u>	<u>5.73</u>	<u>16.84</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH):	<u>None</u>		

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On Line
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT HB Robinson Two

DATE 5-4-1976

COMPLETED BY M. J. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760401,0000 THROUGH 760430,2400
HOURS IN REPORTING PERIOD: 719
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>709.17</u>	<u>2776.88</u>	<u>34794.38</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>1.15</u>	<u>3.48</u>	<u>232.47</u>
7. HOURS GENERATOR ON LINE	<u>707.45</u>	<u>2766.24</u>	<u>34065.24</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1513882</u>	<u>5984141</u>	<u>70105582</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>493256</u>	<u>1978761</u>	<u>22874685</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>469512</u>	<u>1886269</u>	<u>21701771</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>98.63</u>	<u>95.66</u>	<u>76.94</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>98.39</u>	<u>95.29</u>	<u>75.33</u>
14. UNIT CAPACITY FACTOR (3)	<u>98.20</u>	<u>97.71</u>	<u>72.17</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>1.61</u>	<u>4.71</u>	<u>16.57</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>October, 6 weeks, Refueling</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>On line</u>			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT H. B. Robinson No. 2

DATE 6-3-76

COMPLETED BY M. L. Watford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760501,0000 THROUGH 760531,2400
HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWh) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None.

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>697.52</u>	<u>3474.40</u>	<u>35491.90</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>46.48</u>	<u>49.96</u>	<u>279.45</u>
7. HOURS GENERATOR ON LINE	<u>686.88</u>	<u>3453.12</u>	<u>34752.12</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1425336</u>	<u>7409477</u>	<u>71530918</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>460207</u>	<u>2438968</u>	<u>23334892</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>436418</u>	<u>2322687</u>	<u>22133189</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>93.75</u>	<u>95.27</u>	<u>77.22</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>92.32</u>	<u>94.63</u>	<u>75.61</u>
14. UNIT CAPACITY FACTOR (3)	<u>88.21</u>	<u>95.77</u>	<u>72.43</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>7.68</u>	<u>5.32</u>	<u>16.41</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>October, 6 weeks, Refueling</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>On Line</u>			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

INITIAL CRITICALITY

INITIAL ELECTRICAL
POWER GENERATION

COMMERCIAL OPERATION

DATE LAST
FORECAST

DATE
ACHIEVED

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

APPENDIX D

UNIT HB Robinson Two

DATE 7-2-76

COMPLETED BY M. J. Whitford

DOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760601,0000 THROUGH 760630,2400
HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWth) 2200 MAX. DEPENDABLE CAPACITY (MWe-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWe-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	<u>720</u>	<u>4194.40</u>	<u>36211.90</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>49.96</u>	<u>279.45</u>
7. HOURS GENERATOR ON LINE	<u>720</u>	<u>4173.12</u>	<u>35472.12</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1574,390</u>	<u>8,983,867</u>	<u>73,105,308</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>501,534</u>	<u>2,940,502</u>	<u>23,836,426</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>477,490</u>	<u>2,800,177</u>	<u>22,615,679</u>
12. REACTOR AVAILABILITY FACTOR (1)	<u>100</u>	<u>196.05</u>	<u>177.57</u>
13. UNIT AVAILABILITY FACTOR (2)	<u>100</u>	<u>95.56</u>	<u>75.98</u>
14. UNIT CAPACITY FACTOR (3)	<u>99.73</u>	<u>96.42</u>	<u>72.85</u>
15. UNIT FORCED OUTAGE RATE (4)	<u>0</u>	<u>4.44</u>	<u>16.13</u>
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>July, 2 days, NRC Exam; October, 6 weeks, Refueling</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>On Line</u>			
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	<u>-</u>	<u>-</u>
INITIAL ELECTRICAL POWER GENERATION	<u>-</u>	<u>-</u>
COMMERCIAL OPERATION	<u>-</u>	<u>-</u>

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

APPENDIX D

UNIT Robinson Two (2)DATE 8-3-76COMPLETED BY M.L. WatfordDOCKET NO. DPR-23

OPERATING STATUS

1. REPORTING PERIOD: 760701,0000 THROUGH 760731,2400
 HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWH) 2200 MAX. DEPENDABLE CAPACITY (MWE-NET) 665
3. LOWEST POWER LEVEL TO WHICH SPECIFICALLY RESTRICTED (IF ANY) (MWE-NET): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS REPORTING PERIOD	YR TO DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	710.18	4904.58	36922.08
6. REACTOR RESERVE SHUTDOWN HOURS	33.82	83.78	313.27
7. HOURS GENERATOR ON LINE	694.97	4868.09	36167.09
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,515,149	10,499,016	74,620,457
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	475,246	3,415,748	24,311,672
11. NET ELECTRICAL ENERGY GENERATED (MWH)	451,452	3,251,629	23,067,131
12. REACTOR AVAILABILITY FACTOR (1)	95.45	95.96	77.85
13. UNIT AVAILABILITY FACTOR (2)	93.41	95.25	76.26
14. UNIT CAPACITY FACTOR (3)	91.25	95.67	73.14
15. UNIT FORCED OUTAGE RATE (4)	0	3.83	15.87
16. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE, AND DURATION OF EACH): <u>October, 6 weeks, refueling</u>			
17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>On line</u>		
18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:			

*49.03 hours scheduled short
term outage due to NRC Operator
Exam and Training.

INITIAL CRITICALITY
INITIAL ELECTRICAL
POWER GENERATION
COMMERCIAL OPERATION

DATE LAST FORECAST	DATE ACHIEVED
-	-
-	-
-	-

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

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT H.B. Robinson 2
DATE 9-2-76
COMPLETED BY M. L. Watford
TELEPHONE 803-332-1351
Ext. 142

OPERATING STATUS

1. REPORTING PERIOD: 760801,0000/ GROSS HOURS IN REPORTING PERIOD: 744
760831,2400
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 665

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None

4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>744</u>	<u>5,648.58</u>	<u>37,666.08</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>83.78</u>	<u>313.27</u>
7. HOURS GENERATOR ON LINE	<u>735.93</u>	<u>5,604.02</u>	<u>36,903.02</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,570,114</u>	<u>12,069,130</u>	<u>76,190,571</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>493,960</u>	<u>3,909,708</u>	<u>24,805,632</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>469,403</u>	<u>3,721,032</u>	<u>23,536,534</u>
12. REACTOR SERVICE FACTOR	<u>100.00</u>	<u>96.47</u>	<u>78.19</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.00</u>	<u>97.91</u>	<u>78.84</u>
14. UNIT SERVICE FACTOR	<u>98.92</u>	<u>95.71</u>	<u>76.61</u>
15. UNIT AVAILABILITY FACTOR	<u>98.92</u>	<u>95.71</u>	<u>76.61</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>94.87</u>	<u>95.57</u>	<u>73.47</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>94.87</u>	<u>95.57</u>	<u>73.47</u>
18. UNIT FORCED OUTAGE RATE	<u>1.08</u>	<u>3.48</u>	<u>15.62</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On line

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT Robinson No. 2
DATE 10-2-76
COMPLETED BY M. L. Watford
TELEPHONE 803-332-1351
Ext. 142

OPERATING STATUS

1. REPORTING PERIOD: 760901,0000/ GROSS HOURS IN REPORTING PERIOD: 720
760930,2400
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2,200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 665
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>720</u>	<u>6,368.58</u>	<u>38,386.08</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>83.78</u>	<u>313.27</u>
7. HOURS GENERATOR ON LINE	<u>720</u>	<u>6,324.02</u>	<u>37,623.02</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,554,379</u>	<u>13,623,509</u>	<u>77,744,950</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>493,414</u>	<u>4,403,122</u>	<u>25,299,046</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>469,493</u>	<u>4,190,525</u>	<u>24,006,027</u>
12. REACTOR SERVICE FACTOR	<u>100</u>	<u>96.86</u>	<u>78.51</u>
13. REACTOR AVAILABILITY FACTOR	<u>100</u>	<u>98.13</u>	<u>79.15</u>
14. UNIT SERVICE FACTOR	<u>100</u>	<u>96.18</u>	<u>76.95</u>
15. UNIT AVAILABILITY FACTOR	<u>100</u>	<u>96.18</u>	<u>76.95</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>98.06</u>	<u>95.84</u>	<u>73.83</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>98.06</u>	<u>95.84</u>	<u>73.83</u>
18. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>3.09</u>	<u>15.37</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling - October - 6 weeks

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: On line

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):
- | | FORECAST | ACHIEVED |
|--|----------|----------|
|--|----------|----------|

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>

APPENDIX C OPERATING DATA REPORT

DOCKET NO. DPR-23
UNIT H. B. Robinson Two
DATE 11-5-76
COMPLETED BY M. L. Watford
TELEPHONE 332-1351

OPERATING STATUS 761001,0000/

1. REPORTING PERIOD: 761031,2400 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200 MAX. DEPEND. CAPACITY (MWe-Net): 665
DESIGN ELECTRICAL RATING (MWe-Net): 700
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): None

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>687.71</u>	<u>7056.29</u>	<u>39,073.79</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>10.01</u>	<u>93.79</u>	<u>323.28</u>
7. HOURS GENERATOR ON LINE	<u>680.00</u>	<u>7,004.02</u>	<u>38,303.02</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,470,744</u>	<u>13,623,509</u>	<u>79,215,694</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>475,987</u>	<u>4,403,122</u>	<u>25,775,033</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>452,263</u>	<u>4,190,525</u>	<u>24,458,290</u>
12. REACTOR SERVICE FACTOR	<u>92.31</u>	<u>96.40</u>	<u>78.72</u>
13. REACTOR AVAILABILITY FACTOR	<u>93.65</u>	<u>97.68</u>	<u>79.37</u>
14. UNIT SERVICE FACTOR	<u>91.28</u>	<u>95.68</u>	<u>77.16</u>
15. UNIT AVAILABILITY FACTOR	<u>91.28</u>	<u>95.68</u>	<u>77.16</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>91.29</u>	<u>95.38</u>	<u>74.10</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>86.72</u>	<u>94.64</u>	<u>70.39</u>
18. UNIT FORCED OUTAGE RATE	<u>.35</u>	<u>2.83</u>	<u>15.14</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	<u>None</u>		

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: December 2, 1976

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

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INITIAL ELECTRICITY

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COMMERCIAL OPERATION

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