

D 06/14/78

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50-261

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DOCDATE: 06/09/78
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DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING SUBJECT FACILITY'S MONTHLY OPERATING REPT FOR THE MONTH OF MAY,
1978.

PLANT NAME: H B ROBINSON - UNIT 2

REVIEWER INITIAL: XJM
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***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

MONTHLY OPERATING REPORT FOR GRAY BOOK PREPARATION.
(DISTRIBUTION CODE A003)

FOR ACTION: BR CHIEF DRB#1 BC**W/2 ENCL

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NSIC**W/ENCL
BNL(NATLAB)**W/ENCL
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MR

DISTRIBUTION: LTR 10 ENCL 10
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NRC-3031305-006

UNITED STATES NUCLEAR REGULATORY COMMISSION
DDC DAILY ACCESSION LIST

05/04/78

FILE LEVELS DOC. DATE

STN-50-572 WESTINGHOUSE ELECTRIC CORPORATION RESAR-414

50 04/18/78

572
C

ACCESSION NBR: 77308-0382
DOCUMENT TYPE: MEMO
DOCUMENT SIZE: 1P
DOCKET DATE:
REPORT NBR:
RECP: BOSNAK R J
ORG: CHEN P Y

TASK NBR:
FICHE NBR :
NOTARIZED:
LPDR:

RECP AFFIL
ORG AFFIL

SUBJECT: COMMENTS ON WESTINGHOUSE PRESENTATION
RESOLUTION OF OPEN ITEM ON RESAR-414

50 04/18/78

572
C

ACCESSION NBR: 77339-0332
DOCUMENT TYPE: MEMO
DOCUMENT SIZE: 1P
DOCKET DATE:
REPORT NBR:
RECP: VASSALLO D B
ORG: VOLLMER R H

TASK NBR:
FICHE NBR :
NOTARIZED:
LPDR:

RECP AFFIL
ORG AFFIL

SUBJECT: ADDITIONAL RESAR-414 SER INPUT.

50 04/25/78

572
C

ACCESSION NBR: 77311-0386
DOCUMENT TYPE: MEMO
DOCUMENT SIZE: 1P
DOCKET DATE:
REPORT NBR:
RECP: VASSALLO D B
ORG: SKOVHOLT D J

TASK NBR:
FICHE NBR :
NOTARIZED:
LPDR:

RECP AFFIL
ORG AFFIL

SUBJECT: REVISED QA INPUT FOR RESAR 414 SER INPUT

STN-50-580 OHIO EDISON COMPANY ERIE #1



Carolina Power & Light Company

June 9, 1978

REGULATORY DOCKET FILE COPY

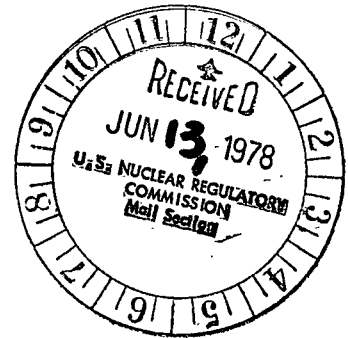
FILE: NG-3513 (R)

SERIAL: GD-78-1598

Mr. Ernst 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 May, 1978.

Yours very truly,

H. R. Banks
Manager
Nuclear Generation

DCS:sb

Enclosure

cc: Messrs. R. A. Hartfield
N. C. Moseley

781650049

A003/s *
111

OPERATING DATA REPORT

DOCKET NO. DPR-23
 DATE 780601
 COMPLETED BY M. L. Watford
 TELEPHONE 803-332-1351

OPERATING STATUS

1. Unit Name: H. B. Robinson Two
2. Reporting Period: 780501,0000/780531,2400
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 739
5. Design Electrical Rating (Net MWe): 700
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 665
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: None

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3623</u>	<u>63,485</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>1823.88</u>	<u>49,006.00</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>45.02</u>	<u>470.07</u>
14. Hours Generator On-Line	<u>744</u>	<u>1515.54</u>	<u>47,721.41</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,528,032</u>	<u>3,000,202</u>	<u>97,267,698</u>
17. Gross Electrical Energy Generated (MWH)	<u>486,774</u>	<u>958,126</u>	<u>31,463,429</u>
18. Net Electrical Energy Generated (MWH)	<u>461,532</u>	<u>894,335</u>	<u>29,814,324</u>
19. Unit Service Factor	<u>100</u>	<u>41.83</u>	<u>75.17</u>
20. Unit Availability Factor	<u>100</u>	<u>41.83</u>	<u>75.17</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.28</u>	<u>37.12</u>	<u>70.62</u>
22. Unit Capacity Factor (Using DER Net)	<u>88.62</u>	<u>35.26</u>	<u>67.09</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>9.88</u>	<u>14.74</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: On Line

26. 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>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. DPR-23
UNIT H.B. Robinson 2
DATE 060178
COMPLETED BY M. L. Watford
TELEPHONE 332-1351

MONTH May, 1978

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>422</u>
2	<u>445</u>
3	<u>466</u>
4	<u>547</u>
5	<u>628</u>
6	<u>677</u>
7	<u>671</u>
8	<u>675</u>
9	<u>680</u>
10	<u>675</u>
11	<u>678</u>
12	<u>679</u>
13	<u>645</u>
14	<u>605</u>
15	<u>638</u>
16	<u>646</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>643</u>
18	<u>669</u>
19	<u>662</u>
20	<u>665</u>
21	<u>648</u>
22	<u>657</u>
23	<u>665</u>
24	<u>660</u>
25	<u>602</u>
26	<u>612</u>
27	<u>592</u>
28	<u>568</u>
29	<u>566</u>
30	<u>610</u>
31	<u>635</u>

INSTRUCTIONS

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

(9/77)

EQUIPMENT	EFFECT ON SAFE OPERATION	MALFUNCTION		CORRECTIVE/PREVENTIVE ACTION
		CAUSE	RESULTS	
BA Evap. Feedpump	None	Worn impeller/shaft fit	Would not operate	Worn parts replaced
"B" BA Evap.	None	Worn pump	Inefficient operation	Pump replaced
Serv. Water Strainer	None	Plugged sensing line	Continuous flush	Line cleared
"A" Diesel air dryer	None	Broken flow meter tube	Broken meter	Tube renewed
"B" Diesel air dryer	None	Dirty flow meter	Unable to read	Meter cleaned
SW Valve V6-12D	None	Blown control fuse	Would not operate	Fuse replaced
"C" service water Pp	None	Faulty cable	Inefficient operation	Cable replaced
F Delta I Calibration	None	As per CPL-R-6.0	Calibration	NIS fine tuned
R-19	None	Defective input card	Failed low	Card repaired
SI-856B	None	Sticking switch	No open indication	Switch freed
RMS-11	None	Defective bistable switch	Broken switch	Switch renewed
FR-155A	None	Spiking problems	Inaccurate response	Transmitter rebuilt
Boron Inj. Tk.	None	Needed venting	Low level alarm	Vented
"A" E-G Diesel	None	Faulty air start solenoid	Excessive leakage	Solenoid plunger replaced
Reactor Protection	None	Logic panel switch defective	Panel does not work	Switch renewed
NIS	None	Misalignment	Disagrees with Calorimetric	Calibrated
"A" Boric Acid Evap	None	Faulty gaskets	Steam head leak	Gaskets renewed
"B" BAE Spool Piece	None	Needs shifting to BA Tks		Shifted & gaskets renewed
841 "A" Diaphragm	None	Loose cover bolts	Air leak	Bolts tightened
"B" Charging Pump	None	Worn plunger/packing assembly	Packing leakage	Worn parts replaced
V2-14A	None	No obvious reason	Would not open	Disassembled, inspected
Valve RHR-HCV-142	None	Insecure packing gland	High leakage	Gland pulled down
"B" Charging Pump	None	Worn packing	Packing leak	Replaced packings
"B" BAE Spool piece	None	Needs shifting to BA Tks		Shifted
Condi-Dry Air Vac. Pp	None	Faulty vanes	Inefficient operation	Vanes replaced

REPORT MONTH May, 1978

UNIT NAME _____
 DATE 060178
 COMPLETED BY M. L. Watford
 TELEPHONE 803-332-1351

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
0	0	0	0	0	0	0	0	0	

¹
 F: Forced
 S: Scheduled

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

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

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

⁵
 Exhibit I - Same Source

(9/77)