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the southern electric system

HL-2319
000934

July 10, 1992

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

PLANT HATCH - UNITS 1, 2
NRC DOCKETS 50-321, 50-366
OPERATING LICENSES DPR-57, NPF-5
MONTHLY OPERATING REPORTS

Gentlemen:

Enclosed are the June 1992 Monthly Operating Reports for Edwin I. Hatch Nuclear Plant - Unit 1, Docket No. 50-321, and Unit 2, Docket No. 50-366. These reports are submitted in accordance with the requirements of Technical Specifications Section 6.9.1.10.

Sincerely,

J. T. Beckham, Jr.

SRP/sp

Enclosures:
1. Monthly Operating Report for Plant Hatch - Unit 1
2. Monthly Operating Report for Plant Hatch - Unit 2

c: (See next page.)

IE24

c: Georgia Power Company
Mr. H. L. Sumner, General Manager - Nuclear Plant
NORMS

U.S. Nuclear Regulatory Commission, Washington, D.C.
Mr. K. Jabbour, Licensing Project Manager - Hatch

U.S. Nuclear Regulatory Commission, Region II
Mr. S. D. Ebneter, Regional Administrator
Mr. L. D. Wert, Senior Resident Inspector - Hatch

ENCLOSURE 1

PLANT HATCH UNIT 1
NRC DOCKET 50-321
MONTHLY OPERATING REPORT
June 1992

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PLANT E. I. HATCH - UNIT ONE

NARRATIVE REPORT

DOCKET NO.: 50-321
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 12	1902	Shift began reducing load to approximately 600 GMWe to perform a Rod Sequence Exchange, and Turbine Control Valve and Turbine Bypass Valve Testing.
JUNE 13	0251	Shift began ascension to rated thermal power.
JUNE 13	0310	The unit was returned to rated thermal power.
JUNE 24	1325	A runback of the Reactor Recirculation System occurred when jumpers were being placed during the functional test of a DCR to install a permanent Hydrogen Injection System. The unit stabilized at approximately 700 GMWe.
JUNE 24	1530	Shift began ascension to rated thermal power.
JUNE 24	1604	The unit was returned to rated thermal power.
JUNE 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO.: 50-321
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

OPERATING STATUS

1.	UNIT NAME:	E. I. HATCH - UNIT ONE
2.	REPORT PERIOD:	JUNE 1992
3.	LICENSED THERMAL POWER (MWt):	2436
4.	NAMEPLATE RATING (GROSS MWe):	850
5.	DESIGN ELECTRICAL RATING (NET MWe):	776.3
6.	MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	774
7.	MAXIMUM DEPENDABLE CAPACITY (NET MWe):	741
8.	IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:	NO CHANGES
9.	POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):	NO RESTRICTIONS
10.	REASONS FOR RESTRICTION, IF ANY:	N/A

		THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD:	720.0	4367	144622
12.	NUMBER OF HOURS REACTOR WAS CRITICAL:	720.0	4220.4	106558.2
13.	REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14.	HOURS GENERATOR ON LINE:	720.0	4141.5	101734.6
15.	UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16.	GROSS THERMAL ENERGY GENERATED (MWHt):	1748232	9831352	226338372
17.	GROSS ELECTRICAL ENERGY GENERATED (MWHe):	552270	3130830	72837510
18.	NET ELECTRICAL ENERGY GENERATED (MWHe):	528415	2993374	69274300
19.	UNIT SERVICE FACTOR:	100.0%	94.8%	70.3%
20.	UNIT AVAILABILITY FACTOR:	100.0%	94.8%	70.3%
21.	UNIT CAPACITY FACTOR (USING MDC NET):	99.0%	92.5%	63.9%
22.	UNIT CAPACITY FACTOR (USING DER NET):	94.5%	88.3%	61.4%
23.	UNIT FORCED OUTAGE RATE:	0.0%	3.3%	12.7%
24.	SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			N/A
25.	IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			N/A
26.	UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):			N/A

PLANT E. I. HATCH - UNIT ONE

AVERAGE DAILY POWER LEVEL

JUNE 1992

DOCKET NO.: 50-321
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

DAY	Net MWe
1	741
2	738
3	736
4	735
5	737
6	736
7	733
8	733
9	732
10	732
11	736
12	709
13	722
14	735
15	734
16	735
17	735
18	736
19	735
20	736
21	738
22	738
23	735
24	729
25	734
26	735
27	736
28	736
29	735
30	735

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT ONE

DOCKET NO.: 50-321
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

REPORT MONTH: JUNE 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
									No significant power reductions occurred this month.

TYPE:

F-FORCED
S-SCHEDULED

REASON:

A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINTENANCE OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING & LICENSE
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)
H-OTHER (EXPLAIN)

METHOD:

1-MANUAL
2-MANUAL SCRAM
3-AUTOMATIC SCRAM
4-CONTINUATIONS
5-LOAD REDUCTION
9-OTHER (EXPLAIN)

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.

ENCLOSURE 2

PLANT HATCH UNIT 2
NRC DOCKET 50-366
MONTHLY OPERATING REPORT
June 1992

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PLANT E. I. HATCH - UNIT TWO

NARRATIVE REPORT

DOCKET NO: 50-366
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

JUNE 1	0000	Shift continued to maintain rated thermal power.
JUNE 13	2252	Shift began reducing load to approximately 700 GMWe to perform Control Rod Scram Time Testing, and Turbine Control Valve and Turbine Bypass Valve Testing.
JUNE 14	0730	Shift began ascension to rated thermal power. Fuel preconditioning measures were implemented to minimize the possibility of increased offgas radiation levels.
JUNE 14	0945	The unit attained rated thermal power.
JUNE 25	0100	The unit experienced an automatic reactor scram on low reactor water level. Shift personnel were searching for a ground on LPCI Inverter 2R24-S018A, when the supply breaker to 600V bus C was opened, causing a loss of control power to the Reactor Feed Pumps. This resulted in a Reactor Recirculation System runback and an automatic reactor scram on low water level. HPCI and RCIC received auto initiation signals and injected during the transient.
JUNE 26	0006	Shift personnel began pulling rods for unit startup.
JUNE 26	0105	Shift brought the reactor critical.
JUNE 27	1820	The unit was tied to the grid, and asension to rated thermal power was initiated. Fuel preconditioning measures were implemented to minimize the possibility of increased offgas radiation levels.
JUNE 30	2112	The unit attained rated thermal power.
JUNE 30	2400	Shift continued to maintain rated thermal power.

OPERATING DATA REPORT

DOCKET NO: 50-366
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

OPERATING STATUS:

1. UNIT NAME:	E. I. HATCH - UNIT TWO
2. REPORTING PERIOD:	JUNE 1992
3. LICENSED THERMAL POWER (MWt):	2436
4. NAMEPLATE RATING (GROSS MWe):	850
5. DESIGN ELECTRICAL RATING (NET MWe):	784
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWe):	799
7. MAXIMUM DEPENDABLE CAPACITY (NET MWe):	765
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:	NO CHANGES
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWe):	NO RESTRICTIONS
10. REASONS FOR RESTRICTION, IF ANY:	N/A

	THIS MONTH	YEAR-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD:	720.0	4367	112248
12. NUMBER OF HOURS REACTOR WAS CRITICAL:	671.9	4215.7	85077.2
13. REACTOR RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE:	654.7	4136.1	81955.7
15. UNIT RESERVE SHUTDOWN HOURS:	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWHt):	1530315	9884645	182041782
17. GROSS ELECTRICAL ENERGY GENERATED (MWHe):	490560	3207230	59645350
18. NET ELECTRICAL ENERGY GENERATED (MWHe):	467514	3068896	56815310
19. UNIT SERVICE FACTOR:	90.9%	94.7%	73.0%
20. UNIT AVAILABILITY FACTOR:	90.9%	94.7%	73.0%
21. UNIT CAPACITY FACTOR (USING MDC NET):	84.9%	91.9%	66.2%
22. UNIT CAPACITY FACTOR (USING DER NET):	82.8%	89.6%	64.6%
23. UNIT FORCED OUTAGE RATE:	9.1%	2.2%	7.1%

24. SHUTDOWNS SCHEDULED OVER THE NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling Outage: Tentatively scheduled for September 16, 1992; 60 Days

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): N/A

PLANT E. I. HATCH - UNIT TWO

AVERAGE DAILY POWER LEVEL

JUNE 1992

DOCKET NO: 50-366
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

DAY	Net MWe
1	756
2	752
3	748
4	749
5	750
6	743
7	735
8	736
9	742
10	742
11	749
12	754
13	752
14	721
15	752
16	750
17	751
18	750
19	751
20	752
21	753
22	753
23	750
24	752
25	11
26	0
27	15
28	340
29	499
30	690

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME: E. I. HATCH - UNIT TWO

DOCKET NO: 50-366
DATE: JULY 02, 1992
COMPLETED BY: T. W. TIDWELL
TELEPHONE: (912) 367-7781 x2002

REPORT MONTH: JUNE 1992

NO.	DATE	TYPE	DURATION (HOURS)	REASON	METHOD	LICENSEE EVENT REPORT NUMBER	SYSTEM CODE	COMPONENT CODE (SUBCODE)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
92-003	920625	F	65.3	G	3	2-92-009	EB	CKTBKR	Shift personnel were searching for a ground on LPCI Inverter 2R24-S018A when the supply breaker to 600V bus C was opened, causing a loss of control power to the Reactor Feed Pumps. This resulted in a Reactor Recirculation System runback and an automatic reactor scram on low water level. HPCI and RCIC received auto initiation signals and injected during the transient. The involved individual(s) were counseled.

TYPE:

F-FORCED
S-SCHEDULED

REASON:

A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINTENANCE OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING & LICENSE
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)
H-OTHER (EXPLAIN)

METHOD:

1-MANUAL
2-MANUAL SCRAM
3-AUTOMATIC SCRAM
4-CONTINUATIONS
5-LOAD REDUCTION
9-OTHER (EXPLAIN)

EVENTS REPORTED INVOLVE A GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS.