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SOUTHERN COMPANY
*Energy to Serve Your World℠*

July 7, 2002

Docket Nos. 50-321
50-366

HL-6262

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

Edwin I. Hatch Nuclear Plant
Monthly Operating Reports

Ladies and Gentlemen:

Enclosed are the June 2002 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 Technical Specifications 5.6.4.

Respectfully submitted,

Lewis Sumner

H. L. Sumner, Jr.

IFL/eb

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

cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
SNC Document Management (R-Type A02.001)

U. S. Nuclear Regulatory Commission, Washington D. C.
Mr. L. N. Olshan, Project Manager - Hatch

U. S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. J. T. Munday, Senior Resident Inspector - Hatch

Utility Data Institute, Inc.
Ms. Barbara Lewis - McGraw-Hill Companies

IE24

Enclosure 1

Plant Hatch Unit 1
Monthly Operating Report
June 2002

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# OPERATING DATA REPORT

| | |
|---|---|
| Docket No.: | 50-321 |
| Unit Name: | E. I. Hatch Unit 1 |
| Date: | 7/1/02 |
| Completed By: | R. M. Beard |
| Telephone: | (912) 367-7781 x2878 |

## Operating Status

| | |
|---|---|
| 1. Reporting Period: | JUNE 2002 |
| 2. Design Electrical Rating (Net MWe): | 870 |
| 3. Maximum Dependable Capacity (Net MWe): | 856 |

| | This Month | Year To Date | Cumulative |
|---|---|---|---|
| 4. Number of Hours Reactor Was Critical: | 720.0 | 3,569.8 | 186,084.2 |
| 5. Hours Generator On Line: | 720.0 | 3,479.6 | 180,173.2 |
| 6. Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 7. Net Electrical Energy Generated: | 622,854 | 2,941,840 | 130,845,977 |

### CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES

| Date | Tag No. | Event Description |
|---|---|---|
| | | No challenges this month. |

# UNIT SHUTDOWNS

Docket No.: 50-321
Unit Name: E. I. Hatch Unit 1
Date: 7/1/02
Completed By: R. M. Beard
Telephone: (912) 367-7781 x2878

**Reporting Period:** JUNE 2002

| No. | Date | Type F: Forced S: Scheduled | Duration (Hours) | Reason (1) | Method of Shutting Down (2) | Cause/Corrective Actions Comments |
|---|---|---|---|---|---|---|
| | | | | | | No unit shutdowns occurred this month. |

**(1) 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)

**(2) METHOD**
1-Manual
2-Manual Trip/Scram
3-Automatic Trip/Scram
4-Continuation
5-Other (Explain)

**CAUSE/CORRECTIVE ACTION/COMMENTS:**

## NARRATIVE REPORT

Unit 1 began the month of June operating at rated thermal power. Shift reduced load to approximately 880 GMWe (~2700 CMWT) on 6/8/02 to perform turbine stop valve testing. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 880 GMWe (~2705 CMWT) on 6/11/02 to perform a rod pattern adjustment. The unit was returned to rated thermal power later the same day. Reactor power decreased to approximately 65% of rated on 6/14/02, due to a speed reduction of the "B" Reactor Recirculation Pump. Speed of the pump began decreasing when power to the pump controller was lost. The loss of power occurred when an electrical link was opened while performing maintenance on another system. The link was re-closed a short time later, resulting in an increase in pump speed and a brief fluctuation in thermal power to approximately 105% of rated before stabilizing near 88% of rated. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 830 GMWe (~2540 CMWT) on 6/21/02 to perform control rod drive exercises. The unit was returned to rated thermal power the same day. Shift reduced load to approximately 860 GMWe (~2650 CMWT) on 6/29/02 to perform control rod drive exercises. The unit was returned to rated thermal power later that day. Unit 1 operated the remainder of the month at rated thermal power.

Enclosure 2

Plant Hatch Unit 2
Monthly Operating Report
June 2002

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# OPERATING DATA REPORT

| | |
|---|---|
| Docket No.: | 50-366 |
| Unit Name: | E. I. Hatch Unit 2 |
| Date: | 7/1/02 |
| Completed By: | R. M. Beard |
| Telephone: | (912) 367-7781 x2878 |

## Operating Status

| | |
|---|---|
| 1. Reporting Period: | JUNE 2002 |
| 2. Design Electrical Rating (Net MWe): | 894 |
| 3. Maximum Dependable Capacity (Net MWe): | 870 |

| | This Month | Year To Date | Cumulative |
|---|---|---|---|
| 4. Number of Hours Reactor Was Critical: | 720.0 | 4,147.6 | 162,250.2 |
| 5. Hours Generator On Line: | 720.0 | 4,127.8 | 157,902.9 |
| 6. Unit Reserve Shutdown Hours: | 0.0 | 0.0 | 0.0 |
| 7. Net Electrical Energy Generated: | 619,821 | 3,595,289 | 116,789,905 |

**CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES**

| Date | Tag No. | Event Description |
|---|---|---|
| | | No challenges this month. |

# UNIT SHUTDOWNS

Docket No.: 50-366
Unit Name: E. I. Hatch Unit 2
Date: 7/1/02
Completed By: R. M. Beard
Telephone: (912) 367-7781 x2878

**Reporting Period:** JUNE 2002

| No. | Date | Type F: Forced S: Scheduled | Duration (Hours) | Reason (1) | Method of Shutting Down (2) | Cause/Corrective Actions Comments |
|---|---|---|---|---|---|---|
| | | | | | | No unit shutdowns occurred this month. |

**(1) 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)

**(2) METHOD**
1-Manual
2-Manual Trip/Scram
3-Automatic Trip/Scram
4-Continuation
5-Other (Explain)

**CAUSE/CORRECTIVE ACTION/COMMENTS:**

## NARRATIVE REPORT

Unit 2 began the month of June operating at rated thermal power. Shift reduced load to approximately 865 GMWe (~2645 CMWT) on 6/2/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 870 GMWe (~2645 CMWT) on 6/9/02 to perform control rod drive exercises. The unit was returned to rated thermal power later that day. Shift reduced load to approximately 880 GMWe (~2635 CMWT) on 6/15/02 to perform control rod drive exercises. The unit was returned to rated thermal power later the same day. Shift reduced load to approximately 575 GMWe (~1805 CMWT) on 6/22/02 to perform a control rod sequence exchange. Scram time testing, turbine control valve testing, and turbine stop valve testing were also performed while at reduced load. Shift began power ascension on 6/22/02 and the unit attained rated thermal power on 6/24/02. Shift briefly reduced power to approximately 99.5% of rated later on 6/24/02 to perform a rod pattern adjustment. Shift reduced load to approximately 870 GMWe (~2650 CMWT) on 6/30/02 to perform control rod drive exercises. The unit was returned to rated thermal power later that day. Unit 2 operated the remainder of the month at rated thermal power.