DISCLAIMER

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DISCLAIMER

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ABSTRACT

The Nuclear Regulatory Commission's annual summary of licensed nuclear power reactor data is based primarily on the report of operating data submitted by licensees for each unit for the month of December because that report contains data for the month of December, the year to date (in this case calendar year 1994) and cumulative data, usually from the date of commercial operation. The data is not independently verified, but various computer checks are made.

The report is divided into two sections. The first contains summary highlights and the second contains data on each individual unit in commercial operation.

Section 1 capacity and availability factors are simple arithmetic averages. Section 2 items in the cumulative column are generally as reported by the licensee and notes as to the use of weighted averages and starting dates other than commercial operation are provided.
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<td></td>
</tr>
</tbody>
</table>
INTRODUCTION

The document titled "Licensed Operating Reactors - Status Summary Report" was issued on a monthly basis by the Nuclear Regulatory Commission since the mid-seventies and was commonly called the "Gray Book". The last monthly publication was issued as NUREG-0020, Vol.14, No. 3, including data as of February 28, 1990. A questionnaire/survey was enclosed in that publication to assess interest in the data in electronic format. A majority of respondents indicated interest in the electronic format, but many other users suggested an annual publication be printed that would contain a summary for a calendar year, similar to the January issue of the old Gray Book. This report, NUREG-0020, Vol. 19 is the fifth report of the new annual publication.

This report will not contain all of the information formerly contained in the Gray Book, but will contain the data the survey determined was essential to most users. In addition to this report, diskettes containing the same type of information in electronic form will be prepared by NRC and will be available for sale as a subscription from the Government Printing Office.

For calendar year 1990 data a package of 12 diskettes is available from GPO as a single sales item. Future annual reports may be purchased from the Superintendent of Documents, U.S. Government Printing Office, P.O.Box 37082, Washington, D.C., 20013-7082.

-vii-
ACKNOWLEDGEMENT

The work of maintaining the data bases, data quality assurance and report generation was performed by L. L. Brown, G. D. Roberts, T. W. Smith and C. D. White of the Idaho National Engineering Laboratory.
**GLOSSARY**

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVERAGE DAILY POWER LEVEL (MWe)</td>
<td>The net electrical energy generated during the day (measured from 0001 to 2400 hours inclusive) in megawatts hours, divided by 24 hours.</td>
</tr>
<tr>
<td>LICENSED THERMAL POWER (MWt)</td>
<td>The maximum thermal power of the reactor authorized by the NRC, expressed in megawatts.</td>
</tr>
<tr>
<td>DATE OF COMMERCIAL OPERATION</td>
<td>Date unit was declared by utility owner to be available for the regular production of electricity; usually related to satisfactory completion of qualification tests as specified in the purchase contract and to accounting policies and practices of utility.</td>
</tr>
<tr>
<td>DESIGN ELECTRICAL RATING (DER) (NET MWe)</td>
<td>The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.</td>
</tr>
<tr>
<td>FORCED OUTAGE</td>
<td>An outage required to be initiated no later than the weekend following discovery of an offnormal condition.</td>
</tr>
<tr>
<td>FORCED OUTAGE HOURS</td>
<td>The clock hours during the report period that a unit is unavailable due to forced outages.</td>
</tr>
<tr>
<td>GROSS ELECTRICAL ENERGY GENERATED (MWH)</td>
<td>Electrical output of the unit during the report period as measured at the output terminals of the turbine generator, in megawatt hours.</td>
</tr>
<tr>
<td>GROSS HOURS</td>
<td>The clock hours from the beginning of a specified situation until its end. For outage durations, the clock hours during which the unit is not in power production.</td>
</tr>
<tr>
<td>GROSS THERMAL ENERGY GENERATED (MWH)</td>
<td>The thermal energy produced by the unit during the report period as measured or computed by the licensee in megawatt hours.</td>
</tr>
<tr>
<td>HOURS GENERATOR ON-LINE</td>
<td>Also, &quot;Unit Service Hours.&quot; The total clock hours in the report period during which the unit operated with breakers closed to the station bus. These hours added to the total outage hours experienced by the unit during the report period, shall equal the hours in the report period.</td>
</tr>
</tbody>
</table>
GLOSSARY (Continued)

HOURS IN REPORTING PERIOD
For units in power ascension at the end of the period, the gross hours from the beginning of the period or the first electrical production, whichever comes last, to the end of the period.

For units in commercial operation at the end of the period, the gross hours from the beginning of the period or of commercial operation, whichever comes last, to the end of the period or decommissioning, whichever comes first.

HOURS REACTOR CRITICAL
The total clock hours in the report period during which the reactor sustained a controlled chain reaction.

MAXIMUM DEPENDABLE CAPACITY GROSS
(MDC Gross) (Gross MWe)
Dependable main-unit gross capacity, winter or summer, whichever is smaller. The dependable capacity varies because the unit efficiency varies during the year due to cooling water temperature variations. It is the gross electrical output as measured at the output terminals of the turbine generator during the most restrictive seasonal conditions (usually summer).

MAXIMUM DEPENDABLE CAPACITY NET
(MDC Net) (Net MWe)
Maximum Dependable Capacity Gross less the normal station service loads.

NAMEPLATE RATING (Gross MWe)
The nameplate power designation of the generator in megavolt amperes (MVA) times the nameplate rating power factor of the generator. NOTE: The nameplate rating of the generator may not be indicative of the maximum dependable capacity, since some other item of equipment of a lesser rating (e.g., turbine) may limit unit output.

NET ELECTRICAL ENERGY GENERATED
Gross electrical output of the unit measured at the output terminals of the turbine generator during the reporting period, minus the normal station service electrical energy utilization. If this quantity is less than zero, a negative number should be recorded.

OUTAGE
A situation in which no electrical production takes place.

OUTAGE DATE
As reported on Appendix D of Reg. Guide 1.16, the date of the start of the outage. If continued from a previous month, report the same outage date but change "Method of Shutting Down Reactor" to "4 (continuations)" and add a note: "Continuation from previous month."
### Glossary (Continued)

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outage Duration</strong></td>
<td>The total clock hours of the outage measured from the beginning of the report period or the outage, whichever comes last, to the end of the report period or the outage, whichever comes first.</td>
</tr>
<tr>
<td><strong>Outage Number</strong></td>
<td>A number unique to the outage assigned by the licensee. The same number is reported each month in which the outage is in progress. One format is &quot;76-05&quot; for the fifth outage to occur in 1976.</td>
</tr>
<tr>
<td><strong>Period Hours</strong></td>
<td>See &quot;Hours in Reporting Period.&quot;</td>
</tr>
<tr>
<td><strong>Power Reduction</strong></td>
<td>A reduction in the Average Daily Power Level of more than 20% from the previous day. All power reductions are defined as outages of zero hours duration for the purpose of computing unit service and availability factors, and forced outage rate.</td>
</tr>
<tr>
<td><strong>Reactor Available Hours</strong></td>
<td>The total clock hours in the report period during which the reactor was critical or was capable of being made critical. (Reactor Reserve Shutdown Hours + Hours Reactor Critical.)</td>
</tr>
<tr>
<td><strong>Reactor Availability Factor</strong></td>
<td>( \text{Reactor Available Hours} \times 100 ) [ \frac{\text{Period Hours}}{\text{Period Hours}} ]</td>
</tr>
<tr>
<td><strong>Reactor Reserve Shutdown</strong></td>
<td>The cessation of criticality in the reactor for administrative or other similar reasons when operation could have been continued.</td>
</tr>
<tr>
<td><strong>Reactor Reserve Shutdown Hours</strong></td>
<td>The total clock hours in the report period that the reactor is in reserve shutdown mode. NOTE: No credit is given for NRC imposed shutdowns.</td>
</tr>
<tr>
<td><strong>Reactor Service Factor</strong></td>
<td>( \text{Hours Reactor Critical} \times 100 ) [ \frac{\text{Period Hours}}{\text{Period Hours}} ]</td>
</tr>
<tr>
<td><strong>Report Period</strong></td>
<td>Usually, the preceding calendar month. Can also be the preceding calendar year (year-to-date), or the life-span of a unit (cumulative).</td>
</tr>
</tbody>
</table>
## Glossary (Continued)

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Restricted Power Level</strong></td>
<td>Maximum net electrical generation to which the unit is restricted during the report period due to the state of equipment, external conditions, administrative reasons, or a direction by NRC.</td>
</tr>
<tr>
<td><strong>Scheduled Outage</strong></td>
<td>Planned removal of a unit from service for refueling, inspection, training, or maintenance. Those outages which do not fit the definition of &quot;Forced Outage&quot;  perforce are &quot;Scheduled Outages.&quot;</td>
</tr>
<tr>
<td><strong>Startup and Power Ascension</strong></td>
<td>Period following initial criticality during which the unit is tested at successively higher levels, culminating with operation at full power for a sustained period and completion of warranty runs. Following this phase, the utility generally considers the unit to be available for commercial operation.</td>
</tr>
<tr>
<td><strong>Test Phase</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Unit</strong></td>
<td>The set of equipment uniquely associated with the reactor, including turbine generators and ancillary equipment, considered as a single electrical energy production facility.</td>
</tr>
<tr>
<td><strong>Unit Available Hours</strong></td>
<td>The total clock hours in the report period during which the unit operated on-line or was capable of such operation. (Unit Reserve Shutdown Hours + Hours Generator On-Line.)</td>
</tr>
<tr>
<td><strong>Unit Availability Factor</strong></td>
<td>Unit Available Hours x 100</td>
</tr>
<tr>
<td></td>
<td>Period Hours</td>
</tr>
<tr>
<td><strong>Unit Capacity Factors</strong></td>
<td></td>
</tr>
<tr>
<td>- Using Licensed Thermal Power</td>
<td><strong>Gross Thermal Energy Generated x 100</strong></td>
</tr>
<tr>
<td></td>
<td>Period Hours x Lic. Thermal Power</td>
</tr>
<tr>
<td>- Using Nameplate Rating</td>
<td><strong>Gross Electrical Energy Generated x 100</strong></td>
</tr>
<tr>
<td></td>
<td>Period Hours x Nameplate Rating</td>
</tr>
<tr>
<td>- Using DER</td>
<td><strong>Net Electrical Energy Generated x 100</strong></td>
</tr>
<tr>
<td></td>
<td>Period Hours x DER</td>
</tr>
<tr>
<td>- Using MDC Gross</td>
<td><strong>Gross Electrical Energy Generated x 100</strong></td>
</tr>
<tr>
<td></td>
<td>Period Hours x MDC Gross</td>
</tr>
</tbody>
</table>
- Using MDC Net

\[
\text{Net Electrical Energy Generated} \times 100 \\
\text{Period Hours} \times \text{MDC Net}
\]

**NOTE:** If MDC Gross and/or MDC Net have not been determined, the DER Net is substituted for this quantity for Unit Capacity Factor calculations.

**UNIT FORCED OUTAGE RATE**

\[
\frac{\text{Forced Outage Hours} \times 100}{\text{Unit Service Hours} + \text{Forced Outage Hours}}
\]

The removal of the unit from on-line operation for economic or other similar reasons when operation could have been continued.

**UNIT RESERVE SHUTDOWN**

The total clock hours in the report period during which the unit was in reserve shutdown mode.

**UNIT RESERVE SHUTDOWN HOURS**

**UNIT SERVICE FACTOR**

\[
\frac{\text{Unit Service Hours} \times 100}{\text{Period Hours}}
\]

See "Hours Generator On-Line."

**UNIT SERVICE HOURS**
SECTION 1

CURRENT DATA SUMMARIES
MONTHLY HIGHLIGHTS

<table>
<thead>
<tr>
<th>LICENSED TO OPERATE</th>
<th>MDC Net</th>
<th>DATE</th>
<th>DER Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b)</td>
<td>Excludes these plants licensed for operation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(c)</td>
<td>which are shut down indefinitely or permanently.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. BROWNS FERRY 1</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2. BROWNS FERRY 3</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. FORT ST VRAIN</td>
<td>330</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. RANCHO SECO</td>
<td>875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. SAN ONOFRE 1</td>
<td>436</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. TROJAN</td>
<td>1095</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. YANKEE-ROWE</td>
<td>167</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>REPORT MONTH</th>
<th>YEAR TO DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. GROSS ELECTRICAL (MWHE)</td>
<td>63,487,930.0</td>
</tr>
<tr>
<td>2. NET ELECTRICAL (MWHE)</td>
<td>60,694,180.7</td>
</tr>
<tr>
<td>3. AVG. UNIT SERVICE FACTOR (%)</td>
<td>86.9</td>
</tr>
<tr>
<td>4. AVG. UNIT AVAILABILITY FACTOR (%)</td>
<td>86.9</td>
</tr>
<tr>
<td>5. AVG. UNIT CAPACITY FACTOR (MDC) (%)</td>
<td>84.7</td>
</tr>
<tr>
<td>6. AVG. UNIT CAPACITY FACTOR (DER) (%)</td>
<td>82.7</td>
</tr>
<tr>
<td>7. AVG. FORCED OUTAGE RATE (%)</td>
<td>6.7</td>
</tr>
</tbody>
</table>

Note: Values for items 1 and 2 were calculated using data from all licensed reactors producing electrical power. Values for items 3 through 7 were calculated using data from only those reactors in commercial operation. Values for item 5 were calculated using DER Net if MDC Net was not determined.
1. Docket: 50-313

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: K. R. HAYES (501) 858-5535

4. Licensed Thermal Power (MWt): 2568

5. Nameplate Rating (Gross We): 903

6. Design Electrical Rating (Net We): 850

7. Maximum Dependable Capacity (Gross We): 883

8. Maximum Dependable Capacity (Net We): 836

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net We):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. Unit Reserve Shutdown Hrs</td>
<td>16. Unit Reserve Shutdown Hrs</td>
<td>16. Unit Reserve Shutdown Hrs</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWh)</td>
<td>17. Gross Therm Ener (MWh)</td>
<td>17. Gross Therm Ener (MWh)</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWh)</td>
<td>18. Gross Elec Ener (MWh)</td>
<td>18. Gross Elec Ener (MWh)</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>20. Unit Service Factor</td>
<td>20. Unit Service Factor</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>22. Unit Cap Factor (MDC Net)</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>23. Unit Cap Factor (DER Net)</td>
<td>23. Unit Cap Factor (DER Net)</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>24. Unit Forced Outage Rate</td>
<td>24. Unit Forced Outage Rate</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>25. Forced Outage Hours</td>
<td>25. Forced Outage Hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, FEBRUARY 14, 1995.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12/02/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td></td>
<td>POWER REDUCTION FOR MAINTENANCE ON BOTH MAIN</td>
</tr>
</tbody>
</table>

**TYPE**

F: Forced  
S: Scheduled

**REASON**

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

**METHOD**

1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**

IEEE Standard  
BS05-1984 and/or  
NUREG-0161 Exhibit F

**COMPONENT**

IEEE Standard  
BS03A-1983 and/or  
NUREG-0161 Exhibit H
Report Period: DECEMBER 1994

FACILITY DESCRIPTION

LOCATION
STATE: ARKANSAS
COUNTY: POPE

DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 6 MI WNW OF RUSSELVILLE, AR

TYPE OF REACTOR: PWR

DATE INITIAL CRITICALITY: AUGUST 06, 1974
DATE INITIAL ELECTRICITY: AUGUST 17, 1974
DATE COMMERCIAL OPERATE: DECEMBER 19, 1974

CONDENSER COOLING METHOD: ONCE THRU
CONDENSER COOLING WATER: DARDANELLE RESERVOIR
ELECTRIC RELIABILITY COUNCIL: SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE: ENTERGY OPERATIONS, INC.
CORPORATE ADDRESS: ROUTE 3 BOX 1376
RUSSELVILLE, ARKANSAS 72801

CONTRACTOR
ARCHITECT/ENGINEER: BECHTEL
NUC STEAM SYS SUPPLIER: BABCOCK & WILCOX
CONSTRUCTOR: BECHTEL
TURBINE SUPPLIER: WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE: 4
IE RESIDENT INSPECTOR: KRIS KENNEDY
Licensing Proj Manager: GEORGE KALMAN
DOCKET NUMBER: 50-313
LICENSE & DATE ISSUANCE: DPR 051, MAY 21, 1974
1. Docket: 50-368

2. Reporting Period: DECEMBER 1994

3. Utility Contact: M. S. WHITT (501) 858-5560

4. Licensed Thermal Power (MWt): 2815

5. Nameplate Rating (Gross MW): 943


7. Maximum Dependable Capacity (Gross MW): 897

8. Maximum Dependable Capacity (Net MW): 858

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>7,739.7</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdw Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>7,707.2</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdw Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,078,706.0</td>
<td>21,362,226.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>699,534.0</td>
<td>7,047,235.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>669,350.0</td>
<td>6,724,879.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>100.0</td>
<td>88.0</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>88.0</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>104.9</td>
<td>89.5</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>98.6</td>
<td>84.2</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

- MID-CYCLE STEAM GENERATOR INSPECTION, JANUARY 7, 1995, 12 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE.................... ARKANSAS
COUNTY.................... POPE

DIST AND DIRECTION FROM NEAREST POPULATION CTR.... 6 MI WNW OF RUSSEVILLE, AR

TYPE OF REACTOR.......... PWR

DATE INITIAL CRITICALITY.... DECEMBER 05, 1978
DATE INITIAL ELECTRICITY..... DECEMBER 26, 1978
DATE COMMERCIAL OPERATE..... MARCH 26, 1980

CONDENSER COOLING METHOD..... COOLING TOWER
CONDENSER COOLING WATER...... DARDANELLE RESERVOIR

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.................. ENERGY OPERATIONS, INC.
CORPORATE ADDRESS......... ROUTE 3 BOX 137G
                         RUSSEVILLE, ARKANSAS 72801

CONTRACTOR

ARCHITECT/ENGINEER........... BECHTEL
NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING
CONSTRUCTOR.................. BECHTEL
TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.......... 4
IE RESIDENT INSPECTOR........... KRIS KENNEDY
LICENSING PROJ MANAGER........ GEORGE KALMAN
DOCKET NUMBER................. 50-368
LICENSE & DATE ISSUANCE...... NPF 006, SEPTEMBER 01, 1978
1. Docket: 50-334

## OPERATING STATUS

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: DAVID T. JONES (412) 393-7553

4. Licensed Thermal Power (MWe):
   * BEAVER VALLEY 1 *

5. Nameplate Rating (Gross MWe):
   2652

6. Design Electrical Rating (Net MWe):
   923

7. Maximum Dependable Capacity (Gross MWe):
   835

8. Maximum Dependable Capacity (Net MWe):
   860

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

### AVERAGE DAILY POWER LEVEL (Net MWe)

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<thead>
<tr>
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<th>POWER</th>
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### MONTH YEAR CUMULATIVE

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<tr>
<td>36</td>
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</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   - REFUELING OUTAGE, JANUARY 2, 1995, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:
   - Notes:
     - CUMULATIVE VALUES FOR ITEMS 12, 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... PENNSYLVANIA
COUNTY..................... BEAVER

DIST AND DIRECTION FROM NEAREST POPULATION CTR...... 17 MI W OF MCCANDLESS, PA

TYPE OF REACTOR........... PWR

DATE INITIAL CRITICALITY...... MAY 10, 1976
DATE INITIAL ELECTRICITY...... JUNE 14, 1976
DATE COMMERCIAL OPERATE...... OCTOBER 01, 1976

CONDENSER COOLING METHOD...... COOLING TOWER
CONDENSER COOLING WATER...... OHIO RIVER
ELECTRIC RELIABILITY COUNCIL........ EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE..................... DUQUESNE LIGHT CO.
CORPORATE ADDRESS........... P.O. BOX 4
SHIPPINGPORT, PENNSYLVANIA 15077

CONTRACTOR
ARCHITECT/ENGINEER........... STONE & WEBSTER
NUC STEAM SYS SUPPLIER...... WESTINGHOUSE
CONSTRUCTOR................... STONE & WEBSTER
TURBINE SUPPLIER.............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 1
IE RESIDENT INSPECTOR........... LAWRENCE W. ROSSBACH
LICENSING PROJ MANAGER........ GORDON E. EDISON
DOCKET NUMBER.................. 50-334
LICENSE & DATE ISSUANCE........ DPR 066, JULY 02, 1976
1. Docket: 50-412

2. Reporting Period: DECEMBER 1994

3. Utility Contact: DAVID T. JONES (412) 393-7553

4. Licensed Thermal Power (MWe): 2652

5. Nameplate Rating (Gross MWe): 923

6. Design Electrical Rating (Net MWe): 836

7. Maximum Dependable Capacity (Gross MWe): 870

8. Maximum Dependable Capacity (Net MWe): 820

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
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<tr>
<td>13. Hours Reactor Critical</td>
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<td>14. Rx Reserve Shutdown Hrs</td>
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<td>15. Hrs Generator On-Line</td>
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<td>16. Unit Reserve Shutdown Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<td>25. Forced Outage Hours</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   - REFUELING OUTAGE, MARCH 24, 1995, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
   - CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
### Report Period
DECEMBER 1996

### UNIT SHUTDOWNS AND POWER REDUCTIONS

**BEAVER VALLEY 2**

<table>
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<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
F: Forced  
S: Scheduled

**REASON**
A-Equipment Failure  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error  
H-Other

**METHOD**
1-Manual  
2-Manual Scram  
3-Auto Scram  
4-Continued  
5-Reduced Load  
9-Other

**SYSTEM**
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
Report Period DECEMBER 1994

FACILITY DESCRIPTION

LOCATION
STATE................. PENNSYLVANIA
COUNTY................. BEAVER
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17 MI W OF MCCANDLESS, PA

TYPE OF REACTOR.......... PWR
DATE INITIAL CRITICALITY...... AUGUST 04, 1987
DATE INITIAL ELECTRICITY...... AUGUST 17, 1987
DATE COMMERCIAL OPERATE...... NOVEMBER 17, 1987
CONDENSER COOLING METHOD..... COOLING TOWER
CONDENSER COOLING WATER...... OHIO RIVER
ELECTRIC RELIABILITY COUNCIL............. EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................. DUQUESNE LIGHT CO.
CORPORATE ADDRESS......... P.O. BOX 4

SHIPPINGPORT, PENNSYLVANIA 15077

CONTRACTOR
ARCHITECT/ENGINEER........ STONE & WEBSTER
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR................. STONE & WEBSTER
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE........ 1
IE RESIDENT INSPECTOR........ LAWRENCE W. ROSSBACH
LICENSING PROJ MANAGER...... GORDON E. EDISON
DOCKET NUMBER................. 50-412
LICENSE & DATE ISSUANCE....... NPF 073, AUGUST 14, 1987
1. Docket: 50-155

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: J. R. JOHNSTON (616) 547-6537 EXT. 223

4. Licensed Thermal Power (MWe):
   240

5. Nameplate Rating (Gross MWe):
   75

6. Design Electrical Rating (Net MWe):
   72

7. Maximum Dependable Capacity (Gross MWe):
   71

8. Maximum Dependable Capacity (Net MWe):
   67

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>12. Report Period Hrs</td>
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<td>14. Rx Reserve Shdwn Hrs</td>
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<td>15. Hrs Generator On-Line</td>
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<td>16. Unit Reserve Shdwn Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<td>18. Gross Elec Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE. CUMULATIVE FORCED OUTAGE RATE IS CALCULATED COMMENCING JANUARY 1, 1974.
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<th>No.</th>
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<th>LER Number</th>
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<th>Component</th>
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<td>0.0</td>
<td>H</td>
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<td></td>
<td></td>
<td>REDUCED LOAD DUE TO PACKING FAILURE ON #2 REACTOR FEEDWATER PUMP.</td>
</tr>
</tbody>
</table>

**TYPE**

F: Forced  
S: Scheduled

**REASON**

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

**METHOD**

1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**

IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**

IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE............... MICHIGAN
COUNTY............... CHARLEVOIX

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 4 MI NE OF CHARLEVOIX, MI

TYPE OF REACTOR........... BWR

DATE INITIAL CRITICALITY...... SEPTEMBER 27, 1962
DATE INITIAL ELECTRICITY...... DECEMBER 08, 1962
DATE COMMERCIAL OPERATE....... MARCH 29, 1963

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER....... LAKE MICHIGAN

ELECTRIC RELIABILITY COUNCIL................ EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

----------------------

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE............... CONSUMERS POWER CO.
CORPORATE ADDRESS........ 212 WEST MICHIGAN AVENUE
JACKSON, MICHIGAN 49201

CONTRACTOR
ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR............... BECHTEL
TURBINE SUPPLIER........... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 3
IE RESIDENT INSPECTOR........ ROY LEEMON
LICENSED PROJ MANAGER........ LEONARD N. OLSHAN
DOCKET NUMBER.............. 50-155
LICENSE & DATE ISSUANCE....... DPR 006, AUGUST 30, 1964
1. **Docket:** 50-456

2. **Reporting Period:** DECEMBER 1994

   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** PAUL STANZAK (815) 458-2801 EXT. 2486

4. **Licensed Thermal Power (MWt):**

   3411

5. **Nameplate Rating (Gross MW):**

   1175

6. **Design Electrical Rating (Net MW):**

   1120

7. **Maximum Dependable Capacity (Gross MW):**

   1175

8. **Maximum Dependable Capacity (Net MW):**

   1120

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. **AVERAGE DAILY POWER LEVEL (Net MWe)**

    | DAY | POWER |
    |-----|-------|
    | 1   | 1146  |
    | 2   | 1122  |
    | 3   | 328   |
    | 4   | 287   |
    | 5   | 810   |
    | 6   | 1143  |
    | 7   | 1144  |
    | 8   | 1145  |
    | 9   | 1149  |
    | 10  | 1034  |
    | 11  | 1034  |
    | 12  | 1148  |
    | 13  | 1149  |
    | 14  | 1147  |
    | 15  | 1146  |
    | 16  | 1140  |
    | 17  | 1076  |
    | 18  | 852   |
    | 19  | 1029  |
    | 20  | 1132  |
    | 21  | 1040  |
    | 22  | 1140  |
    | 23  | 1015  |

11. **Licensee Revised Cumulative Gross Thermal Energy From:**

   135,126,545.7 TO 137,439,297.7.

12. **Report Period Hrs**

    744.0

13. **Hours Reactor Critical**

    744.0

14. **Rx Reserve Shtdwn Hrs**

    0.0

15. **Hrs Generator On-Line**

    744.0

16. **Unit Reserve Shtdwn Hrs**

    0.0

17. **Gross Therm Ener (MWH)**

    2,312,753.5 22,186,017.2 137,439,297.7

18. **Gross Elec Ener (MWH)**

    809,844.0 7,689,235.0 46,503,822.0

19. **Net Elec Ener (MWH)**

    780,534.0 7,390,003.0 44,532,820.0

20. **Unit Service Factor**

    100.0 79.2 78.1

21. **Unit Avail Factor**

    100.0 79.2 78.1

22. **Unit Cap Factor (MDC Net)**

    93.7 75.3 70.6

23. **Unit Cap Factor (DER Net)**

    93.7 75.3 70.6

24. **Unit Forced Outage Rate**

    0.0 1.8 8.4

25. **Forced Outage Hours**

    0.0 125.4 4,030.5

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**


27. **If Currently Shutdown, Estimated Startup Date:**

   Notes:

   LICENSEE REVISED CUMULATIVE GROSS THERMAL ENERGY FROM 135,126,545.7 TO 137,439,297.7.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>21</td>
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<td>0.0</td>
<td>H</td>
<td>5</td>
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<td>FEEDWATER ISOLATION VALVE OIL CHANGE.</td>
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<tr>
<td>22</td>
<td>12/25/94</td>
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<td>B</td>
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<td>REDUCED LOAD AT THE REQUEST OF THE POWER DISPATCHER TO FOLLOW SYSTEM REQUIREMENTS.</td>
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### FACILITY DESCRIPTION

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>FACILITY DATA</th>
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<tbody>
<tr>
<td><strong>STATE</strong></td>
<td>COMMONWEALTH EDISON CO.</td>
</tr>
<tr>
<td><strong>COUNTY</strong></td>
<td>1400 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515</td>
</tr>
<tr>
<td><strong>DIST AND DIRECTION FROM NEAREST POPULATION CTR.</strong></td>
<td>24 MI SSW OF JOLIET, IL</td>
</tr>
<tr>
<td><strong>TYPE OF REACTOR</strong></td>
<td>PWR</td>
</tr>
<tr>
<td><strong>DATE INITIAL CRITICALITY</strong></td>
<td>MAY 29, 1987</td>
</tr>
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<td><strong>DATE INITIAL ELECTRICITY</strong></td>
<td>JULY 12, 1987</td>
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<tr>
<td><strong>DATE COMMERCIAL OPERATE</strong></td>
<td>JULY 29, 1988</td>
</tr>
<tr>
<td><strong>CONDENSER COOLING METHOD</strong></td>
<td>CC ART</td>
</tr>
<tr>
<td><strong>CONDENSER COOLING WATER</strong></td>
<td>KANKAKEE RIVER</td>
</tr>
<tr>
<td><strong>ELECTRIC RELIABILITY COUNCIL</strong></td>
<td>MID-AMERICA INTERPOOL NETWORK</td>
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</table>

### REGULATORY INFORMATION

| IE REGION RESPONSIBLE | 3 |
| IE RESIDENT INSPECTOR | STEVIE DU PONT |
| LICENSING PROJ MANAGER | RAMI R. ASSA |
| DOCKET NUMBER | 50-456 |
| LICENSE & DATE ISSUANCE | NPF 072, JULY 02, 1987 |
1. Docket: 50-457  
2. Reporting Period: DECEMBER 1994  
3. Utility Contact: PAUL STANCZAK  
4. Licensed Thermal Power (MWt): 341  
5. Nameplate Rating (Gross MWe): 11175  
6. Design Electrical Rating (Net MWe): 1120  
7. Maximum Dependable Capacity (Gross MWe): 11175  
8. Maximum Dependable Capacity (Net MWe): 1120  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
10. Power Level To Which Restricted, If Any (Net MWe):  
11. Reasons For Restrictions, If Any:  
12. Report Period Hrs 744.0  
13. Hours Reactor Critical 744.0  
14. Rx Reserve Shdown Hrs 0.0  
15. Hrs Generator On-Line 744.0  
16. Unit Reserve Shdown Hrs 0.0  
17. Gross Therm Ener (MWH) 2,497,819.0  
18. Gross Elec Ener (MWH) 865,554.0  
19. Net Elec Ener (MWH) 833,881.0  
20. Unit Service Factor 100.0  
21. Unit Avail Factor 100.0  
22. Unit Cap Factor (MDC Net) 100.1  
23. Unit Cap Factor (DER Net) 100.1  
24. Unit Forced Outage Rate 0.0  
25. Forced Outage Hours 0.0  

<table>
<thead>
<tr>
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<th>POWER</th>
<th>DAY</th>
<th>POWER</th>
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</thead>
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<td>31</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
27. If Currently Shutdown, Estimated Startup Date:  
Notes:  
LICENSEE REVISED CUMULATIVE GROSS THERMAL ENERGY FROM 134,528,343.8 TO 137,026,162.7.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**Facility Description**

<table>
<thead>
<tr>
<th>Location</th>
<th>Illinois</th>
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<tbody>
<tr>
<td>County</td>
<td>Will</td>
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<tr>
<td>Distance</td>
<td>24 Mi SSW of Joliet, IL</td>
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**Utility & Contractor Information**

<table>
<thead>
<tr>
<th>Utility</th>
<th>Commonwealth Edison Co.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corporate Address</td>
<td>1400 Opus Pl., Opus West III Suite 300 Downer's Grove, Illinois 60515</td>
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<table>
<thead>
<tr>
<th>Contractor</th>
<th>Sargent &amp; Lundy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architect/Engineer</td>
<td>Westinghouse</td>
</tr>
<tr>
<td>NUC Steam Sys Supplier</td>
<td>Commonwealth Edison</td>
</tr>
<tr>
<td>Constructor</td>
<td>Westinghouse</td>
</tr>
<tr>
<td>Turbine Supplier</td>
<td>Westinghouse</td>
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**Regulatory Information**

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<th>IE Region Responsible</th>
<th>3</th>
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<tbody>
<tr>
<td>IE Resident Inspector</td>
<td>Stevie Du Pont</td>
</tr>
<tr>
<td>Licensing Proj Manager</td>
<td>Ramin R. Assa</td>
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<tr>
<td>Docket Number</td>
<td>50-457</td>
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<tr>
<td>License &amp; Date Issuance</td>
<td>NPF 077, May 20, 1988</td>
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</table>
1. Docket: 50-259

2. Reporting Period: DECEMBER 1994

3. Utility Contact: T. R. SMITH (205) 729-2955

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 0.0

13. Hours Reactor Critical 0.0

14. Rx Reserve Shutdown Hrs 0.0

15. Hrs Generator On-Line 0.0

16. Unit Reserve Shutdown Hrs 0.0

17. Gross Therm Ener (MWH) 0.0

18. Gross Elec Ener (MWH) 0.0

19. Net Elec Ener (MWH) 0.0

20. Unit Service Factor 0.0

21. Unit Avail Factor 0.0

22. Unit Cap Factor (MDC Net) 0.0

23. Unit Cap Factor (DER Net) 0.0

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
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**Average Daily Power Level (Net MWe)**

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<td>1</td>
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<td>14</td>
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<td>15</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Licensee has suspended the accrual of reporting data to reflect the assignment of administrative hold effective June 1, 1985.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>S</td>
<td>744.0</td>
<td>F: Forced</td>
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<td></td>
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<td>ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.</td>
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</table>

**TYPE**
F: Forced
S: Scheduled

**REASON**
A: Equipment Failure
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training & License Examination
F: Administrative
G: Operational Error
H: Other

**METHOD**
1- Manual
2- Manual Scram
3- Auto Scram
4- Continued
5- Reduced Load
9- Other

**SYSTEM**
IEEE Standard
805-1994 and/or
NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard
803A-1983 and/or
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. ALABAMA
COUNTY.............. LIMESTONE

DIST AND DIRECTION FROM NEAREST POPULATION CTR.... 10 MI NW OF DECATUR, AL

TYPE OF REACTOR........... BWR

DATE INITIAL CRITICALITY..... AUGUST 17, 1973
DATE INITIAL ELECTRICITY...... OCTOBER 15, 1973
DATE COMMERCIAL OPERATE...... AUGUST 01, 1974

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER..... TENNESSEE RIVER

ELECTRIC RELIABILITY COUNCIL........ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE........... TENNESSEE VALLEY AUTHORITY
CORPORATE ADDRESS.... 400 WEST SUMMIT HILL DRIVE
KNOXVILLE, TENNESSEE 37933

CONTRACTOR
ARCHITECT/ENGINEER.... TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER.... GENERAL ELECTRIC
CONSTRUCTOR............ TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER........ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 2
IE RESIDENT INSPECTOR........ LEONARD WERT
LICENSING PROJ MANAGER..... DAVID C. TRIMBLE JR.
DOCKET NUMBER............. 50-259
LICENSE & DATE ISSUANCE...... DPR 033, DECEMBER 20, 1973
**BROWNS FERRY**

<table>
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<th>Reporting Period: DECEMBER 1994</th>
<th>Outage + On-Line Hrs: 744.0</th>
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<tbody>
<tr>
<td>Utility Contact: T. R. SMITH (205) 729-2955</td>
<td></td>
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</tbody>
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**AVERAGE DAILY POWER LEVEL (Net MWe)**

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**Notes:**

REVISED CUMULATIVE NET ELECTRICAL ENERGY TO REFLECT THE UNIT 2 ADMINISTRATIVE HOLD STATUS FROM JUNE 1, 1985 UNTIL THE RESTART FOR CYCLE 6 ON MAY 24, 1991.
<table>
<thead>
<tr>
<th>No.</th>
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<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
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<th>SYSTEM</th>
<th>COMPONENT</th>
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<td>805-1984 and/or</td>
<td>803A-1983 and/or</td>
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<td>C: Refueling</td>
<td>3-Auto Scram</td>
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<td>NUREG-0161 Exhibit H</td>
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<td>D: Regulatory Restriction</td>
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<td>E: Operator Training &amp; License Examination</td>
<td>5-Reduced Load</td>
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<td>F: Administrative</td>
<td>9-Other</td>
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<td>G: Operational Error</td>
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<td>H: Other</td>
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</table>
Report Period DECEMBER 1994

FACILITY DESCRIPTION

LOCATION

STATE............................ ALABAMA
COUNTY............................ LIMESTONE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 10 MI NW OF DECATUR, AL

TYPE OF REACTOR............... BWR

DATE INITIAL CRITICALITY...... JULY 20, 1974
DATE INITIAL ELECTRICITY...... AUGUST 28, 1974
DATE COMMERCIAL OPERATE..... MARCH 01, 1975

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... TENNESSEE RIVER

ELECTRIC RELIABILITY COUNCIL......................... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE......................... TENNESSEE VALLEY AUTHORITY
CORPORATE ADDRESS......... 400 WEST SUMMIT HILL DRIVE
                          KNOXVILLE, TENNESSEE 37933

CONTRACTOR

ARCHITECT/ENGINEER......... TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR.................... TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 2
IE RESIDENT INSPECTOR......... LEONARD WERT
Licensing Proj Manager........ DAVID C. TRIMBLE JR.
DOCKET NUMBER.................. 50-260
LICENSE & DATE ISSUANCE...... DPR 052, AUGUST 02, 1974
**BROWNS FERRY**

1. **Docket:** 50-296
2. **Reporting Period:** DECEMBER 1994
3. **Utility Contact:** T. R. SMITH (205) 729-2955

### OPERATING STATUS

- Outage + On-Line Hrs: 0.0

### Licensed Thermal Power (MWe):
- 3293

### Nameplate Rating (Gross MWe):
- 1152

### Design Electrical Rating (Net MWe):
- 1065

### Maximum Dependable Capacity (Gross MWe):
- 0

### Maximum Dependable Capacity (Net MWe):
- 0

### Changes Occurred Above Since Last Report, Give Reasons:

### Power Level To Which Restricted, If Any (Net MWe):

### Reasons For Restrictions, If Any:

### MONTH YEAR CUMULATIVE

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<td>13</td>
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<td>14</td>
<td>0.0</td>
<td>5,150.0</td>
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<td>15</td>
<td>0.0</td>
<td>44,195.0</td>
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<td>43,473,760.0</td>
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<td>42,114,009.0</td>
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<td>21.6</td>
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<td>25</td>
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<td>12,155.0</td>
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### AVERAGE DAILY POWER LEVEL (Net MWe)

<table>
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<tr>
<th>DAY</th>
<th>POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</tr>
<tr>
<td>2</td>
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<tr>
<td>3</td>
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<td>0</td>
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<tr>
<td>17</td>
<td>0</td>
</tr>
<tr>
<td>18</td>
<td>0</td>
</tr>
</tbody>
</table>

### Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

26. **Notes:**

**LICENSEE HAS SUSPENDED THE ACCRUAL OF REPORTING DATA TO REFLECT THE ASSIGNMENT OF ADMINISTRATIVE HOLD EFFECTIVE JUNE 1, 1985.**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>06/01/85</td>
<td>S</td>
<td>744.0</td>
<td>F</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. ALABAMA
COUNTY................. LIMESTONE

DIST AND DIRECTION FROM
NEAREST POPULATION CTR..... 10 MI NW OF DECATUR, AL

TYPE OF REACTOR............ BWR

DATE INITIAL CRITICALITY..... AUGUST 08, 1976
DATE INITIAL ELECTRICITY..... SEPTEMBER 12, 1976
DATE COMMERCIAL OPERATE..... MARCH 01, 1977

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER..... TENNESSEE RIVER

ELECTRIC RELIABILITY
COUNCIL................... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................. TENNESSEE VALLEY AUTHORITY
CORPORATE ADDRESS........... 400 WEST SUMMIT HILL DRIVE
KNOXVILLE, TENNESSEE 37933

CONTRACTOR
ARCHITECT/ENGINEER......... TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR............... TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 2
IE RESIDENT INSPECTOR........ LEONARD WERT
LICENSING PROJ MANAGER....... JOSEPH F. WILLIAMS
DOCKET NUMBER................ 50-296
LICENSE & DATE ISSUANCE....... DPR 068, AUGUST 18, 1976
1. Docket: 50-325

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: FRANCES HARRISON (910) 457-2756

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWt): 867

6. Design Electrical Rating (Net MWt): 821

7. Maximum Dependable Capacity (Gross MWt): 791

8. Maximum Dependable Capacity (Net MWt): 767

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWt):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0
13. Hours Reactor Critical 744.0
14. Rx Reserve Shutdown Hrs 0.0
15. Hrs Generator On-Line 744.0
16. Unit Reserve Shutdown Hrs 0.0
17. Gross Therm Ener (MWH) 1,763,525.6
18. Gross Elec Ener (MWH) 587,155.0
19. Net Elec Ener (MWH) 570,872.0
20. Unit Service Factor 100.0
21. Unit Avail Factor 100.0
22. Unit Cap Factor (MDC Net) 100.0
23. Unit Cap Factor (DER Net) 93.5
24. Unit Forced Outage Rate 0.0
25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-071</td>
<td>12/12/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>5</td>
<td>EG</td>
<td>GENERG</td>
<td></td>
<td>1A UNINTERRUPTIBLE POWER SUPPLY TRIPPED. REPLACED THE VOLTAGE SENSOR ASSEMBLY IN THE 1A UPS.</td>
</tr>
<tr>
<td>94-072</td>
<td>12/17/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>5</td>
<td>SD</td>
<td>COND</td>
<td></td>
<td>REDUCED REACTOR POWER TO REPAIR LEAK ON B-S WATERBOX.</td>
</tr>
<tr>
<td>94-073</td>
<td>12/20/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>5</td>
<td>SD</td>
<td>COND</td>
<td></td>
<td>REDUCED REACTOR POWER TO REPAIR TUBE LEAKS ON B-S WATERBOX.</td>
</tr>
</tbody>
</table>

**TYPE**: F: Forced  S: Scheduled

**REASON**: A-Equipment Failure  B-Maintenance or Test  C-Refueling  D-Regulatory Restriction  E-Operator Training & License Examination  F-Administrative  G-Operational Error  H-Other

**METHOD**: 1-Manual  2-Manual Scram  3-Auto Scram  4-Continued  5-Reduced Load  9-Other

**SYSTEM**: IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**: IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE...................... NORTH CAROLINA
COUNTY...................... BRUNSWICK

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 2 MI N OF SOUTHPORT, NC

TYPE OF REACTOR............... BWR
DATE INITIAL CRITICALITY...... OCTOBER 08, 1976
DATE INITIAL ELECTRICITY...... DECEMBER 04, 1976
DATE COMMERCIAL OPERATE...... MARCH 18, 1977
CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... CAPE FEAR RIVER
ELECTRIC RELIABILITY COUNCIL................. SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..................... CAROLINA POWER & LIGHT CO.
CORPORATE ADDRESS............. P.O. BOX 1551
RALEIGH, NORTH CAROLINA 27602

CONTRACTOR

ARCHITECT/ENGINEER............. UNITED ENG. & CONSTRUCTORS
NUC STEAM SYS SUPPLIER........ GENERAL ELECTRIC
CONSTRUCTOR.................... BROWN & ROOT
TURBINE SUPPLIER................ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 2
IE RESIDENT INSPECTOR........... CHARLES PATTERSON
LICENSED PROJ MANAGER........... PATRICK D. MILANO
DOCKET NUMBER................... 50-325
LICENSE & DATE ISSUANCE........ DPR 071, NOVEMBER 12, 1976
1. Docket: 50-324

**OPERATING STATUS**

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: FRANCES HARRISON (910) 457-2756

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWu): 867

6. Design Electrical Rating (Net MWu): 821

7. Maximum Dependable Capacity (Gross MWu): 782

8. Maximum Dependable Capacity (Net MWu): 754

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWu):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>6,549.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>6,437.2</td>
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<tr>
<td>16. Unit Reserve Shdwn Hrs</td>
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<td>17. Gross Therm Ener (MW)</td>
<td>1,802,772.5</td>
<td>15,353,566.2</td>
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<td>18. Gross Elec Ener (MW)</td>
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<td>19. Net Elec Ener (MW)</td>
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<td>4,809,206.0</td>
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<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>73.5</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
<td>101.7</td>
<td>72.8</td>
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<td>23. Unit Cap Factor (DER Net)</td>
<td>93.4</td>
<td>66.9</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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<td>0.0</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-048</td>
<td>12/23/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>SN</td>
<td>LCV</td>
<td></td>
<td>REDUCED REACTOR POWER FOR CONTROL VALVE TESTING</td>
</tr>
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</table>

**TYPE**
F: Forced
S: Scheduled

**REASON**
A - Equipment Failure
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Administrative
G - Operational Error
H - Other

**METHOD**
1 - Manual
2 - Manual Scram
3 - Auto Scram
4 - Continued
5 - Reduced Load
6 - Other

**SYSTEM**
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: NORTH CAROLINA
- **COUNTY**: BRUNSWICK
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 2 MI N OF SOUTHPORT, NC

**TYPE OF REACTOR**: BWR

**DATE INITIAL CRITICALITY**: MARCH 20, 1975

**DATE INITIAL ELECTRICITY**: APRIL 29, 1975

**DATE COMMERCIAL OPERATE**: NOVEMBER 03, 1975

**CONDENSER COOLING METHOD**: ONCE THRU

**CONDENSER COOLING WATER**: CAPE FEAR RIVER

**ELECTRIC RELIABILITY COUNCIL**: SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: CAROLINA POWER & LIGHT CO.
- **CORPORATE ADDRESS**: P.O. BOX 1551, RALEIGH, NORTH CAROLINA 27602

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: UNITED ENG. & Constructors
- **NUC STEAM SYS SUPPLIER**: GENERAL ELECTRIC
- **CONSTRUCTOR**: BROWN & ROOT
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE**: 2

**IE RESIDENT INSPECTOR**: CHARLES PATTERSON

**LICENSING PROJ MANAGER**: PATRICK D. MILANO

**DOCKET NUMBER**: 50-324

**LICENSE & DATE ISSUANCE**: DPR 062, DECEMBER 27, 1974
1. Docket: 50-454

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact:  R. COLGLAZIER  (815) 234-5441  EXT. 2282

4. Licensed Thermal Power (MWe): 3411

5. Nameplate Rating (Gross MWe): 1175

6. Design Electrical Rating (Net MWe): 1120

7. Maximum Dependable Capacity (Gross MWe): 1175

8. Maximum Dependable Capacity (Net MWe): 1105

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>454.4</td>
<td>7,174.8</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdm Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>447.7</td>
<td>7,138.1</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdm Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>868,665.0</td>
<td>20,981,890.0</td>
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<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>281,094.0</td>
<td>7,159,737.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>258,271.0</td>
<td>6,791,894.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>60.2</td>
<td>81.5</td>
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<tr>
<td>21. Unit Avail Factor</td>
<td>60.2</td>
<td>81.5</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>31.4</td>
<td>70.2</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>31.0</td>
<td>69.2</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>39.8</td>
<td>4.0</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>296.3</td>
<td>296.3</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>12/04/94</td>
<td>F</td>
<td>296.3</td>
<td>A</td>
<td>1</td>
<td>CD</td>
<td></td>
<td></td>
<td>CONDENSER TUBE FAILURE IN &quot;D&quot; WATERBOX.</td>
</tr>
</tbody>
</table>

**Type**
- F: Forced
- S: Scheduled

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

**Method**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**System**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**Component**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**Facility Description**

**Location**
- State: Illinois
- County: Ogle
- Distance and Direction from Nearest Population Ctr.: 17 Mi SW of Rockford, IL

**Type of Reactor:** PWR

**Date Initial Criticality:** February 02, 1985
**Date Initial Electricity:** March 01, 1985
**Date Commercial Operate:** September 16, 1985

**Condenser Cooling Method:** CC HNDC
**Condenser Cooling Water:** Rock River
**Electric Reliability Council:** Mid-America Interpool Network

**Utility & Contractor Information**

**Utility**
- Licensee: Commonwealth Edison Co.
- Corporate Address: 1400 Opus Pl., Opus West III Suite 300 Downer's Grove, Illinois 60515

**Contractor**
- Architect/Engineer: Sargent & Lundy
- NUC Steam Sys Supplier: Westinghouse
- Constructor: Commonwealth Edison
- Turbine Supplier: Westinghouse

**Regulatory Information**
- IE Region Responsible: 3
- IE Resident Inspector: Pete Peterson
- Licensing Proj Manager: George F. Dick
- Docket Number: 50-454
- License & Date Issuance: NPF 037, February 14, 1985
1. Docket: 50-455

2. Reporting Period: DECEMBER 1994
Outage + On-Line Hrs: 744.0

3. Utility Contact: R. COLGLAZIER (815) 234-5441 EXT. 2282

4. Licensed Thermal Power (MWe):
   3411

5. Nameplate Rating (Gross MWe):
   1175

6. Design Electrical Rating (Net MWe):
   1120

7. Maximum Dependable Capacity (Gross MWe):
   1175

8. Maximum Dependable Capacity (Net MWe):
   1105

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

   MONTH       YEAR       CUMULATIVE

12. Report Period Hrs       744.0      8,760.0       64,561.0
13. Hours Reactor Critical  744.0      8,709.5       56,515.4
14. Rx Reserve Shutdown Hrs 0.0          0.0          0.0
15. Hrs Generator On-Line   744.0      8,704.2       55,909.8
16. Unit Reserve Shutdown Hrs 0.0         0.0          0.0
17. Gross Therm Ener (MWH)  2,502,958.0 28,911,971.0 164,983,899.0
18. Gross Elec Ener (MWH)   864,764.0   9,950,910.0   56,134,184.0
19. Net Elec Ener (MWH)     820,665.0   9,504,170.0   53,287,397.0
20. Unit Service Factor      100.0       99.4          86.6
21. Unit Avail Factor       100.0       99.4          86.6
22. Unit Cap Factor (MOC Net) 99.8        98.2          74.7
23. Unit Cap Factor (DER Net) 98.5        96.9          73.7
24. Unit Forced Outage Rate  0.0          0.6          2.4
25. Forced Outage Hours     0.0          55.8         1,399.2

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... ILLINOIS
COUNTY.................... OGLE

DIST AND DIRECTION FROM
NEAREST POPULATION CTR..... 17 MI SW OF ROCKFORD, IL

TYPE OF REACTOR.............. PWR
DATE INITIAL CRITICALITY..... JANUARY 09, 1987
DATE INITIAL ELECTRICITY..... FEBRUARY 06, 1987
DATE COMMERCIAL OPERATE..... AUGUST 21, 1987

CONDENSER COOLING METHOD..... CCHNDCT
CONDENSER COOLING WATER..... ROCK RIVER

ELECTRIC RELIABILITY
COUNCIL...................... MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... COMMONWEALTH EDISON CO.
CORPORATE ADDRESS............ 1600 OPUS PL., OPUS WEST III
                          SUITE 300
                          DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR
ARCHITECT/ENGINEER......... SARGENT & LUNDY
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR.................. COMMONWEALTH EDISON
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 3
IE RESIDENT INSPECTOR....... PETE PETERSON
LICENSING PROJ MANAGER..... GEORGE F. DICK
DOCKET NUMBER............... 50-455
LICENSE & DATE ISSUANCE...... NPF 066, JANUARY 30, 1987
1. Docket: 50-483
2. Reporting Period: DECEMBER 1994
3. Utility Contact: J. B. MCINVALE (314) 676-8247
4. Licensed Thermal Power (MWt):
   5. Nameplate Rating (Gross MWt):
   6. Design Electrical Rating (Net MWt):
   7. Maximum Dependable Capacity (Gross MWt):
   8. Maximum Dependable Capacity (Net MWt):
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWt):
11. Reasons For Restrictions, If Any:

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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   - REFUELING OUTAGE, MARCH 25, 1995, 56 DAYS.
27. If Currently Shutdown, Estimated Startup Date:

Notes:
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<th>No.</th>
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<th>Hours</th>
<th>Reason</th>
<th>Method</th>
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<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 6: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- **STATE**: MISSOURI
- **COUNTY**: CALLAWAY

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 10 MI SE OF FULTON, MO

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: OCTOBER 01, 1984
**DATE INITIAL ELECTRICITY**: OCTOBER 24, 1984
**DATE COMMERCIAL OPERATE**: DECEMBER 19, 1984

**CONDENSER COOLING METHOD**: COOLING TOWER
**CONDENSER COOLING WATER**: MISSOURI RIVER

**ELECTRIC RELIABILITY COUNCIL**: MID-AMERICA INTERPOOL NETWORK

---

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**
- **LICENSEE**: UNION ELECTRIC CO.
- **CORPORATE ADDRESS**: P.O. BOX 149, ST LOUIS, MISSOURI 63166

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: BECHTEL
- **NJC STEAM SYS SUPPLIER**: WESTINGHOUSE
- **CONSTRUCTOR**: DANIEL INTERNATIONAL
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

**REGULATORY INFORMATION**
- **IE REGION RESPONSIBLE**: 3
- **IE RESIDENT INSPECTOR**: BRUCE BARTLETT
- **LICENSING PROJ MANAGER**: RAYNARD WHARTON
- **DOCKET NUMBER**: 50-483
- **LICENSE & DATE ISSUANCE**: NPF 030, OCTOBER 18, 1984
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<th>No.</th>
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<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
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<th>Component</th>
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</table>

**TYPE**
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**REASON**
- A: Equipment Failure
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- E: Operator Training & License Examination
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- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
**Facility Description**

**Location**
- **State**: Maryland
- **County**: Calvert

**Distance and Direction from Nearest Population Ctr.**
- 40 mi S of Annapolis, MD

**Type of Reactor**: PWR

**Date Initial Criticality**: October 07, 1974
**Date Initial Electricity**: December 30, 1974
**Date Commercial Operate**: May 08, 1975

**Condenser Cooling Method**: Once Thru
**Condenser Cooling Water**: Chesapeake Bay

**Electric Reliability Council**: Mid-Atlantic Area Council

---

**Utility & Contractor Information**

**Utility**
- **Licensee**: Baltimore Gas & Elec Co.
- **Corporate Address**: P.O. Box 1475, Baltimore, Maryland 21203

**Contractor**
- **Architect/Engineer**: Bechtel
- **Nuc Steam Sys Supplier**: Combustion Engineering
- **Constructor**: Bechtel
- **Turbine Supplier**: General Electric

**Regulatory Information**
- **IE Region Responsible**: 1
- **IE Resident Inspector**: Peter R. Wilson
- **Licensing Proj Manager**: Daniel G. McDonald
- **Docket Number**: 50-317
- **License & Date Issuance**: DPR 053, July 31, 1974
1. Docket: 50-318  
2. Reporting Period: DECEMBER 1994  
3. Utility Contact: FRANK PIAZZA (410) 260-3821  
4. Licensed Thermal Power (MWe): 2700  
5. Nameplate Rating (Gross MWe): 911  
6. Design Electrical Rating (Net MWe): 845  
7. Maximum Dependable Capacity (Gross MWe): 870  
8. Maximum Dependable Capacity (Net MWe): 840  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
10. Power Level To Which Restricted, If Any (Net MWe):  
11. Reasons For Restrictions, If Any:  
   
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<th>MONTH</th>
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<td>16. Unit Reserve Shdwn Hrs</td>
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<td>18. Gross Elec Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
<td>103.3</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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<td>25. Forced Outage Hours</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
   REFUELING OUTAGE, MARCH 17, 1995, 65 DAYS.  
27. If Currently Shutdown, Estimated Startup Date:  
   Notes:  
   YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC NET) ARE CALCULATED WITH WEIGHTED AVERAGES.
Report Period: DECEMBER 1994

<table>
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<th>No.</th>
<th>Date</th>
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<th>Hours</th>
<th>Reason</th>
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<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... MARYLAND
COUNTY..................... CALVERT

DIST AND DIRECTION FROM
NEAREST POPULATION CTR..... 40 MI S OF ANNAPOLIS, MD

TYPE OF REACTOR............ PWR

DATE Initial CRITICALITY..... NOVEMBER 30, 1976
DATE Initial ELECTRICITY..... DECEMBER 07, 1976
DATE COMMERCIAL OPERATE.... APRIL 01, 1977

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER..... CHESAPEAKE BAY

ELECTRIC RELIABILITY
COUNCIL..................... MID- ATLANTIC AREA COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE..................... BALTIMORE GAS & ELEC CO.

CORPORATE ADDRESS........ P.O. BOX 1475
Baltimore, Maryland 21203

CONTRACTOR
ARCHITECT/ENGINEER........ BECHTEL

NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR............... BECHTEL

TURBINE SUPPLIER........... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 1

IE RESIDENT INSPECTOR....... PETER R. WILSON

LICENSING PROJ MANAGER..... DANIEL G. MCDONALD

DOCKET NUMBER.............. 50-318

LICENSE & DATE ISSUANCE..... DPR 069, NOVEMBER 30, 1976
1. Docket: 50-413  
2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  
3. Utility Contact: R. A. WILLIAMS (704) 382-5346  
4. Licensed Thermal Power (MWe): 3411  
5. Nameplate Rating (Gross MWe): 1305  
6. Design Electrical Rating (Net MWe): 1145  
7. Maximum Dependable Capacity (Gross MWe): 1192  
8. Maximum Dependable Capacity (Net MWe): 1129  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
10. Power Level To Which Restricted, If Any (Net MWe):  
11. Reasons For Restrictions, If Any:  

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<th>MONTH</th>
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<tr>
<td>12. Report Period Hrs</td>
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<td>13. Hours Reactor Critical</td>
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<td>15. Hrs Generator On-Line</td>
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<td>16. Unit Reserve Shdwn Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<td>18. Gross Elec Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>9,778,833.0</td>
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<td>20. Unit Service Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>25. Forced Outage Hours</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
   REFUELING OUTAGE, FEBRUARY 11, 1995, 53 DAYS.  
27. If Currently Shutdown, Estimated Startup Date:  
Notes:  
   CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
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<tr>
<th>No.</th>
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<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
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</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.................. SOUTH CAROLINA
COUNTY.................. YORK

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 6 MI NNE OF ROCK HILL, SC

TYPE OF REACTOR............. PWR

DATE INITIAL CRITICALITY..... JANUARY 07, 1985
DATE INITIAL ELECTRICITY...... JANUARY 22, 1985
DATE COMMERCIAL OPERATE...... JUNE 29, 1985

CONDENSER COOLING METHOD...... MDCT
CONDENSER COOLING WATER...... LAKE WYLIE

ELECTRIC RELIABILITY COUNCIL........... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................. DUKE POWER CO.
CORPORATE ADDRESS........... 422 SOUTH CHURCH STREET
                               CHARLOTTE, NORTH CAROLINA 28242

CONTRACTOR
ARCHITECT/ENGINEER.......... DUKE POWER
NUC STEAM SYS SUPPLIER...... WESTINGHOUSE
CONSTRUCTOR.................. DUKE POWER
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 2
IE RESIDENT INSPECTOR........ RICHARD FREUDENBERGER
LICENSING PROJ MANAGER....... ROBERT E. MARTIN
DOCKET NUMBER................ 50-413
LICENSE & DATE ISSUANCE...... NPF 035, JANUARY 17, 1985
1. Docket: 50-414

OPERATING STATUS

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 382-5346

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWt): 1305

6. Design Electrical Rating (Net MWt): 1145

7. Maximum Dependable Capacity (Gross MWt): 1192

8. Maximum Dependable Capacity (Net MWt): 1129

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWt):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

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13. Hours Reactor Critical

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14. Rx Reserve Shtdwn Hrs

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15. Hrs Generator On-Line

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<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>744.0</td>
<td>6,982.0</td>
<td>56,061.7</td>
</tr>
</tbody>
</table>

16. Unit Reserve Shtdwn Hrs

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

17. Gross Therm Ener (MWH)

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,527,428.0</td>
<td>22,809,844.0</td>
<td>179,698,883.0</td>
</tr>
</tbody>
</table>

18. Gross Elec Ener (MWH)

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>901,752.0</td>
<td>6,122,121.0</td>
<td>63,699,380.0</td>
</tr>
</tbody>
</table>

19. Net Elec Ener (MWH)

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
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<tbody>
<tr>
<td>856,984.0</td>
<td>7,675,496.0</td>
<td>59,965,553.0</td>
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</table>

20. Unit Service Factor

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.0</td>
<td>79.7</td>
<td>76.4</td>
</tr>
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</table>

21. Unit Avail Factor

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.0</td>
<td>79.7</td>
<td>76.4</td>
</tr>
</tbody>
</table>

22. Unit Cap Factor (MDC Net)

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>102.0</td>
<td>77.6</td>
<td>72.2</td>
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</table>

23. Unit Cap Factor (DER Net)

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.6</td>
<td>76.5</td>
<td>71.4</td>
</tr>
</tbody>
</table>

24. Unit Forced Outage Rate

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>2.7</td>
<td>8.9</td>
</tr>
</tbody>
</table>

25. Forced Outage Hours

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>196.6</td>
<td>5,457.8</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
Facility Description

Location

State: South Carolina
County: York

Distance and Direction from Nearest Population CTR: 6 MI NWN of Rock Hill, SC

Type of Reactor: PWR

Date Initial Criticality: May 08, 1986
Date Initial Electricity: May 18, 1986
Date Commercial Operate: August 19, 1986

Condenser Cooling Method: MDCT
Condenser Cooling Water: Lake Wyli

Electric Reliability Council: Southeastern Electric Reliability Council

Utility & Contractor Information

Utility

Licensee: Duke Power Co.
Corporate Address: 422 South Church Street
Charlotte, North Carolina 28242

Contractor

Architect/Engineer: Duke Power
Nuc Steam Sys Supplier: Westinghouse
Constructor: Duke Power
Turbine Supplier: General Electric

Regulatory Information

IE Region Responsible: 2
IE Resident Inspector: Richard Freudenberg
Licensing Proj Manager: Robert E. Martin
Docket Number: 50-414
License & Date Issuance: NPF 052, May 15, 1986
1. Docket: 50-461

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: M. C. HOLLON (217) 935-8881 EXT. 3537

4. Licensed Thermal Power (MWt): 2894

5. Nameplate Rating (Gross MWe): 985

6. Design Electrical Rating (Net MWe): 933

7. Maximum Dependable Capacity (Gross MWe): 973

8. Maximum Dependable Capacity (Net MWe): 930

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
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<tr>
<td>13. Hours Reactor Critical</td>
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<td>8,308.1</td>
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<tr>
<td>14. RX Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>8,218.3</td>
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<tr>
<td>16. Unit Reserve Shtdown Hrs</td>
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<td>0.0</td>
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<td>17. Gross Therm Ener (MWh)</td>
<td>2,155,951.0</td>
<td>23,408,863.0</td>
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<td>18. Gross Elec Ener (MWh)</td>
<td>712,406.0</td>
<td>7,738,087.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWh)</td>
<td>684,494.0</td>
<td>7,410,335.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>100.0</td>
<td>93.8</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>93.8</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>98.9</td>
<td>91.0</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>98.6</td>
<td>90.7</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>0.0</td>
<td>0.2</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>16.3</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, MARCH 12, 1995, 50 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
## Report Period DECEMBER 1994

### UNIT SHUTDOWNS AND POWER REDUCTIONS

* CLINTON 1 *

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

### TYPE
- F: Forced
- S: Scheduled

### REASON
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

### METHOD
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

### SYSTEM
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

### COMPONENT
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE............................ ILLINOIS
COUNTY............................ DEWITT

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 6 MI E OF CLINTON, IL

TYPE OF REACTOR.................. BWR

DATE INITIAL CRITICALITY........... FEBRUARY 27, 1987
DATE INITIAL ELECTRICITY.......... APRIL 24, 1987
DATE COMMERCIAL OPERATE.......... NOVEMBER 24, 1987

CONDENSER COOLING METHOD....... ONCE THRU
CONDENSER COOLING WATER........ SALT CREEK

ELECTRIC RELIABILITY COUNCIL.................. MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE......................... ILLINOIS POWER CO.
CORPORATE ADDRESS............. 500 SOUTH 27TH STREET
                                  DECATUR, ILLINOIS 62525

ARCHITECT/ENGINEER............. SARGENT & LUNDY
NUC STEAM SYS SUPPLIER....... GENERAL ELECTRIC
CONSTRUCTOR.................... BALDWIN ASSOCIATES
TURBINE SUPPLIER............... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE............ 3
IE RESIDENT INSPECTOR.......... MICHAEL MILLER
LICENSING PROJ MANAGER......... DOUGLAS V. PICKETT
DOCKET NUMBER.................... 50-461
LICENSE & DATE ISSUANCE........ NPF 062, OCTOBER 09, 1987
1. Docket: 50-445

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: JANET HUGHES (817) 897-5331

4. Licensed Thermal Power (MWe): 341

5. Nameplate Rating (Gross MWe): 1150

6. Design Electrical Rating (Net MWe): 1150

7. Maximum dependable Capacity (Gross MWe): 1161

8. Maximum dependable Capacity (Net MWe): 1150

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13</td>
<td>732.0</td>
<td>8,674.0</td>
</tr>
<tr>
<td>14</td>
<td>12.0</td>
<td>86.0</td>
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<tr>
<td>15</td>
<td>715.0</td>
<td>8,653.0</td>
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<tr>
<td>17</td>
<td>2,358,420.0</td>
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<td>789,257.0</td>
<td>9,761,370.0</td>
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<tr>
<td>19</td>
<td>755,700.0</td>
<td>9,367,596.0</td>
</tr>
</tbody>
</table>

20. Unit Service Factor 96.1 98.8 80.0

21. Unit Avail Factor 96.1 98.8 80.0

22. Unit Cap Factor (MDC Net) 88.3 93.0 70.9

23. Unit Cap Factor (DER Net) 88.3 93.0 70.9

24. Unit Forced Outage Rate 3.9 1.2 4.8

25. Forced Outage Hours 29.0 107.0 1,539.7

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, MARCH 2, 1995, 63 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>11/29/94</td>
<td>F</td>
<td>19.0</td>
<td>A</td>
<td>4</td>
<td>94006</td>
<td></td>
<td></td>
<td>CONTINUED OUTAGE DUE TO REACTOR/TURBINE TRIP DUE TO GENERATOR PRIMARY WATER STATOR LOW FLOW SIGNAL.</td>
</tr>
<tr>
<td>9</td>
<td>12/02/94</td>
<td>F</td>
<td>10.0</td>
<td>A</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>TURBINE TRIP DUE TO GENERATOR LOCKOUT ACTUATION.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
UNIT: FACILITY DATA

**COMANCHE PEAK 1**

### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: TEXAS
- **COUNTY**: SOMERVILLE

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 4.5 MI N OF GLEN ROSE, TX

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: APRIL 03, 1990
**DATE INITIAL ELECTRICITY**: APRIL 24, 1990
**DATE COMMERCIAL OPERATE**: AUGUST 13, 1990

**CONDENSER COOLING METHOD**: CC ART
**CONDENSER COOLING WATER**: SQUAW CREEK RES

**ELECTRIC RELIABILITY COUNCIL**: ELECTRIC RELIABILITY COUNCIL OF TEXAS

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: TEXAS UTILITIES ELECTRIC CO.
- **CORPORATE ADDRESS**: 400 N. OLIVE STREET, DALLAS, TEXAS 75201

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: STONE & WEBSTER
- **NUC STEAM SYS SUPPLIER**: WESTINGHOUSE
- **CONSTRUCTOR**: BROWN & ROOT
- **TURBINE SUPPLIER**: ALLIS-CHALMERS

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE**: 4
**IE RESIDENT INSPECTOR**: ANTHONY GODY, JR.
**LICENSING PROJ MANAGER**: THOMAS A. BERGMAN
**DOCKET NUMBER**: 50-445
**LICENSE & DATE ISSUANCE**: NPF-087, APRIL 16, 1990
1. Docket: 50-446

2. Reporting Period: DECEMBER 1994

3. Utility Contact: JANET HUGHES (817) 897-5331

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>5,828.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>1,827.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>5,697.0</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,534,851.0</td>
<td>16,681,968.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>864,618.0</td>
<td>5,568,828.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>832,833.0</td>
<td>5,263,150.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>100.0</td>
<td>65.0</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>65.0</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>97.3</td>
<td>52.2</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>97.3</td>
<td>52.2</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
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<td>17.1</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>1172.3</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
### Facility Description

**Location**
- **State**: Texas
- **County**: Somervelle
- **Distance and Direction from Nearest Population Ctr.**
  - 4.5 Mi N of Glen Rose, TX

**Type of Reactor**: PWR

**Date Initial Criticality**: March 24, 1993

**Date Initial Electricity**: April 09, 1993

**Date Commercial Operate**: August 03, 1993

**Condenser Cooling Method**: CC ART

**Condenser Cooling Water**: Squaw Creek Res

**Electric Reliability Council**: Electric Reliability Council of Texas

### Utility & Contractor Information

**Utility**
- **Licensee**: Texas Utilities Electric Co.

**Corporate Address**: 400 N. Olive Street, Dallas, Texas 75201

**Contractor**
- **Architect/Engineer**: Stone & Webster
- **NUC Steam Sys Supplier**: Westinghouse
- **Constructor**: Brown & Root
- **Turbine Supplier**: Allis-Chalmers

### Regulatory Information

**IE Region Responsible**: 4

**IE Resident Inspector**: Anthony Gody, Jr.

**Licensing Proj Manager**: Thomas A. Bergman

**Docket Number**: 50-446

**License & Date Issuance**: NPF-089, April 06, 1993
1. Docket: 50-315

**OPERATING STATUS**

2. Reporting Period: DECEMBER 1994  
Outage + On-Line Hrs: 744.0

3. Utility Contact: J. D. JANISSE (616) 465-5901 EXT. 1570

4. Licensed Thermal Power (MWt):  
3250

5. Nameplate Rating (Gross MWt):  
1152

6. Design Electrical Rating (Net MWt):  
1020

7. Maximum Dependable Capacity (Gross MWt):  
1056

8. Maximum Dependable Capacity (Net MWt):  
1000

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWt):

11. Reasons For Restrictions, If Any:

<table>
<thead>
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<th>MONTH</th>
<th>POWER</th>
<th>CUMULATIVE</th>
</tr>
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<tbody>
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<td>1019</td>
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<tr>
<td>6</td>
<td>1024</td>
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<td>7</td>
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<tr>
<td>14</td>
<td>1025</td>
<td>29</td>
</tr>
<tr>
<td>15</td>
<td>1024</td>
<td>30</td>
</tr>
<tr>
<td>16</td>
<td>1024</td>
<td>31</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

*CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.*
## UNIT SHUTDOWNS AND POWER REDUCTIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- **F**: Forced
- **S**: Scheduled

**REASON**
- A - Equipment Failure
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training & License Examination
- F - Administrative
- G - Operational Error
- H - Other

**METHOD**
- 1 - Manual
- 2 - Manual Scram
- 3 - Auto Scram
- 4 - Continued
- 5 - Reduced Load
- 9 - Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
LOCATION
STATE...................... MICHIGAN
COUNTY..................... BERRIEN

DIST AND DIRECTION FRDM NEAREST POPULATION CTR..... 11 MI S OF BENTON HARBOR, MI

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY...... JANUARY 18, 1975
DATE INITIAL ELECTRICITY...... FEBRUARY 10, 1975
DATE COMMERCIAL OPERATE...... AUGUST 27, 1975

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... LAKE MICHIGAN

ELECTRIC RELIABILITY COUNCIL.................. EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY
LICENSEE........ ............ INDIANA MICHIGAN ELECTRIC CO.
CORPORATE ADDRESS........... 1 RIVERSIDE PLAZA
COLUMBUS, OHIO 43215

CONTRACTOR
ARCHITECT/ENGINEER........ AMERICAN ELEC. POWER SERVICE CORP.
NUC STEAM SYS SUPPLIER...... WESTINGHOUSE
CONSTRUCTOR.................. AMERICAN ELEC. POWER SERVICE CORP.
TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE......... 3
IE RESIDENT INSPECTOR......... JAMES ISOM
LICENSING PROJ MANAGER........ JOHN B. HICKMAN
DOCKET NUMBER.................. 50-315
LICENSE & DATE ISSUANCE....... DPR 058, OCTOBER 25, 1974
1. Docket: 50-316  
2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  
3. Utility Contact: J. D. JANISSE (616) 465-5901 EXT. 1570  
4. Licensed Thermal Power (MWT):  
   Nameplate Rating (Gross MWe):  
5. Design Electrical Rating (Net MWe):  
6. Maximum Dependable Capacity (Gross MWe):  
7. Maximum Dependable Capacity (Net MWe):  
8. If Changes Occurred Above Since Last Report, Give Reasons:  
9. Power Level To Which Restricted, If Any (Net MWe):  
10. Reasons For Restrictions, If Any:  
11. MONTH YEAR CUMULATIVE  
   12. Report Period Hrs 744.0  
13. Hours Reactor Critical 492.4  
14. Rx Reserve Shdwn Hrs 0.0  
15. Hrs Generator On-Line 438.1  
16. Unit Reserve Shdwn Hrs 0.0  
17. Gross Therm Ener (MWH) 1,006,215.0  
18. Gross Elec Ener (MWH) 312,580.0  
19. Net Elec Ener (MWH) 297,086.0  
20. Unit Service Factor 58.9  
21. Unit Avail Factor 58.9  
22. Unit Cap Factor (MDC Net) 37.7  
23. Unit Cap Factor (DER Net) 36.6  
24. Unit Forced Outage Rate 10.4  
25. Forced Outage Hours 50.7  

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
27. If Currently Shutdown, Estimated Startup Date:  

Notes:  
CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>239</td>
<td>09/06/94</td>
<td>S</td>
<td>255.2</td>
<td>C</td>
<td>4</td>
<td>RC</td>
<td>FUELXX</td>
<td>REFUELING/MAINTENANCE OUTAGE CONTINUED.</td>
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<tr>
<td>240</td>
<td>12/11/94</td>
<td>F</td>
<td>50.7</td>
<td>H</td>
<td>3</td>
<td>94008</td>
<td>IB</td>
<td>OTHER</td>
<td>DURING POWER ESCALATION, AN MSR HIGH LEVEL TRIP SIGNAL WAS GENERATED FOLLOWED BY A REACTOR TRIP. THE CAUSE OF THE TRIP SIGNAL COULD NOT BE CONCLUSIVELY DETERMINED.</td>
</tr>
</tbody>
</table>

**TYPE**

F: Forced
S: Scheduled

**REASON**

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

**METHOD**

1-Manual
2-Manual Scram
3-Auto Scram
4-Continued
5-Reduced Load
9-Other

**SYSTEM**

IEEE Standard
B05-1984 and/or
NUREG-0161 Exhibit F

**COMPONENT**

IEEE Standard
B03A-1983 and/or
NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- STATE: MICHIGAN
- COUNTY: BERRIEN
- DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 11 MI S OF BENTON HARBOR, MI

**TYPE OF REACTOR:** PWR

**DATE INITIAL CRITICALITY:** MARCH 10, 1978

**DATE INITIAL ELECTRICITY:** MARCH 22, 1978

**DATE COMMERCIAL OPERATE:** JULY 01, 1978

**CONDENSER COOLING METHOD:** ONCE THRU

**CONDENSER COOLING WATER:** LAKE MICHIGAN

**ELECTRIC RELIABILITY COUNCIL:** EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- LICENSEE: INDIANA MICHIGAN ELECTRIC CO.
- CORPORATE ADDRESS: 1 RIVERSIDE PLAZA COLUMBUS, OHIO 43215

**CONTRACTOR**
- ARCHITECT/ENGINEER: AMERICAN ELEC. POWER SERVICE CORP.
- NUC STEAM SYS SUPPLIER: WESTINGHOUSE
- CONSTRUCTOR: AMERICAN ELEC. POWER SERVICE CORP.
- TURBINE SUPPLIER: BROWN BOVERI

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE:** 3

**IE RESIDENT INSPECTOR:** JAMES ISOM

**LICENSING PROJ MANAGER:** JOHN B. HICKMAN

**DOCKET NUMBER:** 50-316

**LICENSE & DATE ISSUANCE:** DPR 074, DECEMBER 23, 1977
**COOPER STATION**

1. Docket: 50-298

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: E. A. KERMES KRAUSE (402) 825-5829

4. Licensed Thermal Power (MWe): 2381

5. Nameplate Rating (Gross MWe): 836

6. Design Electrical Rating (Net MWe): 778

7. Maximum Dependable Capacity (Gross MWe): 787

8. Maximum Dependable Capacity (Net MWe): 764

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>DAY</th>
<th>POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
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</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td>20</td>
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</tbody>
</table>

12. Report Period Hrs 744.0

13. Hours Reactor Critical 0.0

14. Rx Reserve Shtdown Hrs 0.0

15. Hrs Generator On-Line 0.0

16. Unit Reserve Shtdown Hrs 0.0

17. Gross Thern Ener (MWH) 0.0

18. Gross Elec Ener (MWH) 0.0

19. Net Elec Ener (MWH) 0.0

20. Unit Service Factor 0.0

21. Unit Avail Factor 0.0

22. Unit Cap Factor (MDC Net) 0.0

23. Unit Cap Factor (DER Net) 0.0

24. Unit Forced Outage Rate 100.0

25. Forced Outage Hours 744.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date: 01/29/95

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-5</td>
<td>05/25/94</td>
<td>F</td>
<td>744.0</td>
<td>H</td>
<td>4</td>
<td>94009</td>
<td>EK</td>
<td>27</td>
<td>EDG 1 AND EDG 2 DECLARED INOPERABLE DUE TO INSUFFICIENT UV RELAY TESTING.</td>
</tr>
</tbody>
</table>

**TYPE**: F: Forced  
S: Scheduled  

**REASON**:  
A: Equipment Failure  
B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training & License Examination  
F: Administrative  
G: Operational Error  
H: Other  

**METHOD**:  
1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other  

**SYSTEM**:  
IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F  

**COMPONENT**:  
IEEE Standard  
803A-1983 and/or  
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. NEBRASKA
COUNTY................. NEMAHA

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 23 MI S OF NEBRASKA CITY, NE

TYPE OF REACTOR.............. BWR
DATE INITIAL CRITICALITY...... FEBRUARY 21, 1974
DATE INITIAL ELECTRICITY...... MAY 10, 1974
DATE COMMERCIAL OPERATE..... JULY 01, 1974
CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER..... MISSOURI RIVER
ELECTRIC RELIABILITY COUNCIL........ MID-CENTINENT AREA POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................. NEBRASKA PUBLIC POWER DISTRICT
CORPORATE ADDRESS........ P.O. BOX 499
COLUMBUS, NEBRASKA 68601

CONTRACTOR
ARCHITECT/ENGINEER........ BURNS & ROE
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR................. BURNS & ROE
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 4
IE RESIDENT INSPECTOR........ RONALD KOPRIVA
LICENSING PROJ MANAGER........ JAMES RANDALL HALL
DOCKET NUMBER............... 50-298
LICENSE & DATE ISSUANCE...... DPR 046, JANUARY 18, 1974
1. **Docket:** 50-302

2. **Reporting Period:** DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. **Utility Contact:** T. V. DAO (904) 795-6486

4. **Licensed Thermal Power (MWt):** 2544

5. **Nameplate Rating (Gross MWe):** 890

6. **Design Electrical Rating (Net MWe):** 825

7. **Maximum Dependable Capacity (Gross MWe):** 860

8. **Maximum Dependable Capacity (Net MWe):** 818

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>7,382.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>702.7</td>
<td>7,293.7</td>
</tr>
<tr>
<td>16. Unit Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>1,777,658.0</td>
<td>18,205,765.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>609,946.0</td>
<td>6,236,617.0</td>
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<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>569,608.0</td>
<td>5,939,857.0</td>
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<tr>
<td>20. Unit Service Factor</td>
<td>94.4</td>
<td>83.3</td>
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<tr>
<td>21. Unit Avail Factor</td>
<td>94.4</td>
<td>83.3</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>93.6</td>
<td>82.9</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>92.8</td>
<td>82.2</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

**Notes:**

YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC NET) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>94-13</td>
<td>12/03/94</td>
<td>S</td>
<td>41.3</td>
<td>B</td>
<td>1</td>
<td>ED</td>
<td>XXXXX</td>
<td>GENERATOR WAS TAKEN OFF LINE TO REPLACE ISOPHASE BUS DUCT GROUND STRAPS.</td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- **STATE:** Florida
- **COUNTY:** Citrus

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 7 MI NW OF CRYSTAL RIVER, FL

**TYPE OF REACTOR**
- PWR

**DATE INITIAL CRITICALITY**
- January 14, 1977

**DATE INITIAL ELECTRICITY**
- January 30, 1977

**DATE COMMERCIAL OPERATE**
- March 13, 1977

**CONDENSER COOLING METHOD**
- ONCE THRU

**CONDENSER COOLING WATER**
- GULF OF MEXICO

**ELECTRIC RELIABILITY COUNCIL**
- SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**
- **LICENSEE:** Florida Power Corporation
  - **CORPORATE ADDRESS:** P.O. Box 14042, St. Petersburg, Florida 33733

**CONTRACTOR**
- **ARCHITECT/ENGINEER:** GILBERT ASSOCIATES
- **NUC STEAM SYS SUPPLIER:** BABCOCK & WILCOX
- **CONSTRUCTOR:** J. A. JONES CONSTRUCTION
- **TURBINE SUPPLIER:** WESTINGHOUSE

**REGULATORY INFORMATION**
- **IE REGION RESPONSIBLE:** 2
- **IE RESIDENT INSPECTOR:** Ross Butcher
- **LICENSING PROJ MANAGER:** Lakshminarasimh Raghavan
- **DOCKET NUMBER:** 50-302
- **LICENSE & DATE ISSUANCE:** DPR 072, January 28, 1977
1. Docket: 50-346

2. Reporting Period: DECEMBER 1994

3. Utility Contact: GERRY WOLF (419) 321-8114

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>7,705.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>7,667.2</td>
</tr>
<tr>
<td>16. Unit Reserve Shdwn Hrs</td>
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<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWh)</td>
<td>1,949,936.0</td>
<td>20,324,303.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWh)</td>
<td>655,200.0</td>
<td>6,731,467.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWh)</td>
<td>621,836.0</td>
<td>6,385,000.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
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<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>87.5</td>
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<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>96.3</td>
<td>84.0</td>
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<td>23. Unit Cap Factor (DER Net)</td>
<td>92.3</td>
<td>80.5</td>
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<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

**LICENSEE REVISED CUMULATIVE GROSS THERMAL ENERGY VALUE TO ACCOUNT FOR PAST CALCULATIONAL ERRORS.**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>12/01/94</td>
<td>F</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>POWER REDUCED TO CORRECT THE HIGH VIBRATION ON MAIN FEED PUMP TURBINE ONE.</td>
</tr>
</tbody>
</table>

**TYPE**
- **F**: Forced
- **S**: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
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- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE: OHIO
COUNTY: OTTAWA

DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 21 MI ESE OF TOLEDO, OH

TYPE OF REACTOR: PWR

DATE INITIAL CRITICALITY: AUGUST 12, 1977
DATE INITIAL ELECTRICITY: AUGUST 28, 1977
DATE COMMERCIAL OPERATE: JULY 31, 1978

CONDENSER COOLING METHOD: COOLING TOWER
CONDENSER COOLING WATER: LAKE ERIE

ELECTRIC RELIABILITY COUNCIL: EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE: TOLEDO EDISON CO.
CORPORATE ADDRESS: 300 MADISON AVENUE, TOLEDO, OHIO 43652

CONTRACTOR

ARCHITECT/ENGINEER: BECHTEL
NUC STEAM SYS SUPPLIER: BABCOCK & WILCOX
CONSTRUCTOR: BECHTEL
TURBINE SUPPLIER: GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE: 3
IE RESIDENT INSPECTOR: STANLEY STASEK
LICENSING PROJ MANAGER: LINDA GUNDRUN
DOCKET NUMBER: 50-346
LICENSE & DATE ISSUANCE: NPF 003, APRIL 22, 1977
1. Docket: 50-275

2. Reporting Period: DECEMBER 1994

3. Utility Contact: T. EUBANK (805) 545-4867

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>Month</th>
<th>Year</th>
<th>Cumulative</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13</td>
<td>654.1</td>
<td>7,041.0</td>
</tr>
<tr>
<td>14</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15</td>
<td>645.1</td>
<td>6,992.4</td>
</tr>
<tr>
<td>16</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

LICENSEE REVISED CUMULATIVE GROSS THERMAL ENERGY TO INCLUDE A MAY 1985 REPORT REVISION.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12/14/94</td>
<td>F</td>
<td>98.9</td>
<td>H</td>
<td>3</td>
<td>94020</td>
<td>WESTERN POWER POOL TRANSMISSION SYSTEM VOLTAGE TRANSIENT.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A-Equipment Failure
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Examination
- F-Administrative
- G-Operational Error
- H-Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
## FACILITY DESCRIPTION

**LOCATION**
- **STATE**: CALIFORNIA
- **COUNTY**: SAN LUIS OBISPO

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 12 MI WSW OF SAN LUIS OBISPO

**TYPE OF REACTOR**
- PWR

**DATE INITIAL CRITICALITY**
- APRIL 29, 1984

**DATE INITIAL ELECTRICITY**
- NOVEMBER 11, 1984

**DATE COMMERCIAL OPERATE**
- MAY 07, 1985

**CONDENSER COOLING METHOD**
- ONCE THRU

**CONDENSER COOLING WATER**
- PACIFIC OCEAN

**ELECTRIC RELIABILITY COUNCIL**
- WESTERN SYSTEMS COORDINATION COUNCIL

## UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: PACIFIC GAS & ELECTRIC CO.
- **CORPORATE ADDRESS**: 77 BEALE STREET
  SAN FRANCISCO, CALIFORNIA 94106

**ARCHITECT/ENGINEER**
- PACIFIC GAS & ELECTRIC

**NUC STEAM SYS SUPPLIER**
- WESTINGHOUSE

**CONSTRUCTOR**
- PACIFIC GAS & ELECTRIC

**TURBINE SUPPLIER**
- WESTINGHOUSE

**REGULATORY INFORMATION**

- **IE REGION RESPONSIBLE**: 4
- **IE RESIDENT INSPECTOR**: MICHAEL TSCHILTZ
- **LICENSING PROJ MANAGER**: SHERI R. PETERSON
- **DOCKET NUMBER**: 50-275
- **LICENSE & DATE ISSUANCE**: DPR 080, NOVEMBER 11, 1984
1. Docket: 50-323

2. Reporting Period: DECEMBER 1994

3. Utility Contact: T. EUBANK (805) 545-4867

4. Licensed Thermal Power (MWt): 341

5. Nameplate Rating (Gross MW): 1164

6. Design Electrical Rating (Net MWe): 1119

7. Maximum Dependable Capacity (Gross MWe): 1137

8. Maximum Dependable Capacity (Net MWe): 1087

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>609.8</td>
<td>7,560.2</td>
</tr>
<tr>
<td>14. Rx Reserve Shutdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>552.9</td>
<td>7,441.1</td>
</tr>
<tr>
<td>16. Unit Reserve Shutdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>1,719,242.0</td>
<td>24,810,055.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>571,900.0</td>
<td>8,289,904.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>537,162.0</td>
<td>7,896,101.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>74.3</td>
<td>84.9</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>74.3</td>
<td>84.9</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>66.4</td>
<td>82.9</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>64.5</td>
<td>80.6</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>25.7</td>
<td>6.2</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>191.1</td>
<td>491.1</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12/14/94</td>
<td>F</td>
<td>58.4</td>
<td>H</td>
<td>3</td>
<td>94020</td>
<td>WESTERN WEVER POOL TRANSMISSION SYSTEM VOLTAGE TRANSIENT.</td>
<td>MANUAL TRIP DUE TO HIGH CIRCULATING WATER DIFFERENTIAL PRESSURE CAUSED BY HEAVY SEAS.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>12/19/94</td>
<td>F</td>
<td>132.7</td>
<td>H</td>
<td>2</td>
<td>94012</td>
<td>NN</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
F: Forced  
S: Scheduled

**REASON**
A: Equipment Failure  
B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training & License Examination  
F: Administrative  
G: Operational Error  
H: Other

**METHOD**
1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
Facility Description

Location
State...................... California
County..................... San Luis Obispo

Distance and direction from nearest population ctr..... 12 Mi WSW of San Luis Obispo

Type of reactor............ PWR

Date initial criticality...... August 20, 1985
Date initial electricity...... October 20, 1985
Date commercial operate...... March 12, 1986

Condenser cooling method..... Once thru
Condenser cooling water...... Pacific Ocean

Electric reliability council........................ Western Systems Coordination Council

Utility & Contractor Information

Utility
Licensee...................... Pacific Gas & Electric Co.
Corporate address.......... 77 Beale Street
San Francisco, California 94106

Contractor
Architect/Engineer.......... Pacific Gas & Electric
Nucl Steam Sys supplier.... Westinghouse
Constructor.................. Pacific Gas & Electric
Turbine supplier............ Westinghouse

Regulatory Information

IE Region responsible....... 4
IE Resident Inspector....... Michael Tschiltz
Licensing Proj Manager..... Sheri R. Peterson
Docket number............... 50-323
License & date issuance..... DPR 002, August 26, 1985
1. Docket: 50-237

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: K. W. SYKES (815) 942-2920 EXT. 2704

4. Licensed Thermal Power (MWe): 2527

5. Nameplate Rating (Gross MWe): 840

6. Design Electrical Rating (Net MWe): 794

7. Maximum Dependable Capacity (Gross MWe): 840

8. Maximum Dependable Capacity (Net MWe): 772

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>670.0</td>
<td>5,980.6</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>628.0</td>
<td>5,808.6</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWh)</td>
<td>1,304,121.0</td>
<td>13,642,971.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWh)</td>
<td>413,236.0</td>
<td>4,286,711.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWh)</td>
<td>392,787.0</td>
<td>4,069,330.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>84.4</td>
<td>66.3</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>84.4</td>
<td>66.3</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>68.4</td>
<td>60.2</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>66.5</td>
<td>58.5</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>15.6</td>
<td>33.7</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>116.0</td>
<td>2951.4</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>08/08/94</td>
<td>F</td>
<td>116.0</td>
<td>B</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>SHUTDOWN WAS INITIATED DUE TO PROBLEMS WITH THE HPCI 2-2301-74 STOP CHECK VALVE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE....................... ILLINOIS
COUNTY...................... GRUNDY

DIST AND DIRECTION FROM NEAREST POPULATION CTR...... 9 MI E OF MORRIS, IL

TYPE OF REACTOR............ BWR

DATE INITIAL CRITICALITY..... JANUARY 07, 1970
DATE INITIAL ELECTRICITY..... APRIL 13, 1970
DATE COMMERCIAL OPERATE...... JUNE 09, 1970

CONDENSER COOLING METHOD..... COOLING LAKE
CONDENSER COOLING WATER...... KANKAKEE RIVER

ELECTRIC RELIABILITY COUNCIL............... MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... COMMONWEALTH EDISON CO.
CORPORATE ADDRESS........... 1400 OPUS PL., OPUS WEST III
SUITE 300
DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR
ARCHITECT/ENGINEER......... SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...... GENERAL ELECTRIC
CONSTRUCTOR................ UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 3
IE RESIDENT INSPECTOR........ MELVYN LEACH
LICENSING PROJ MANAGER....... JOHN F. STANG
DOCKET NUMBER................ 50-237
LICENSE & DATE ISSUANCE...... DPR 019, DECEMBER 22, 1969
1. Docket: 50-249

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: K. W. SYKES (815) 942-2920 EXT. 2704

4. Licensed Thermal Power (MWt): 2527

5. Nameplate Rating (Gross MWt): 840

6. Design Electrical Rating (Net MWt): 794

7. Maximum Dependable Capacity (Gross MWt): 840

8. Maximum Dependable Capacity (Net MWt): 773

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWt): 

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0  8,760.0  205,537.0

13. Hours Reactor Critical 744.0  3,085.0  145,790.7

14. Rx Reserve Shutdown Hrs 0.0  0.0  0.0

15. Hrs Generator On-Line 744.0  3,009.0  140,323.6

16. Unit Reserve Shutdown Hrs 0.0  0.0  0.0

17. Gross Therm Ener (MWt) 1,789,358.0  5,540,941.0  289,275,758.0

18. Gross Elec Ener (MWt) 579,164.0  1,759,411.0  93,110,296.0

19. Net Elec Ener (MWt) 554,165.0  1,624,540.0  88,195,569.0

20. Unit Service Factor 100.0  34.3  68.3

21. Unit Avail Factor 100.0  34.3  68.3

22. Unit Cap Factor (MDC Net) 96.4  24.0  55.5

23. Unit Cap Factor (DER Net) 93.8  23.4  54.0

24. Unit Forced Outage Rate 0.0  0.0  11.5

25. Forced Outage Hours 0.0  0.0  18,265.8

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>12/10/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>POWER REDUCED FOR DATA COLLECTION AS PART OF DRESDEN TECHNICAL SURVEILLANCE (DTS) 8157, BASELINE DATA ACQUISITION FOR THE RECIRCULATION SYSTEM AND JET PUMP.</td>
</tr>
</tbody>
</table>
LOCATION
STATE............................... ILLINOIS
COUNTY............................... GRUNDY

DIST AND DIRECTION FROM NEAREST POPULATION CTR...... 9 MI E OF MORRIS, IL

TYPE OF REACTOR...................... BWR

DATE INITIAL CRITICALITY............. JANUARY 31, 1971
DATE INITIAL ELECTRICITY............ JULY 22, 1971
DATE COMMERCIAL OPERATE.............. NOVEMBER 16, 1971

CONDENSER COOLING METHOD............. COOLING LAKE
CONDENSER COOLING WATER............. KANKAKEE RIVER

ELECTRIC RELIABILITY COUNCIL........... MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.............................. COMMONWEALTH EDISON CO.
CORPORATE ADDRESS............. 1400 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR
ARCHITECT/ENGINEER.............. SARGENT & LUNDY
NUC STEAM SYS SUPPLIER........... GENERAL ELECTRIC
CONSTRUCTOR...................... UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER................... GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE.............. 3
IE RESIDENT INSPECTOR.............. MELVYN LEACH
LICENSING PROJ MANAGER............. JOHN F. STANG
DOCKET NUMBER...................... 50-249
LICENSE & DATE ISSUANCE............. DPR 025, MARCH 02, 1971
1. Docket: 50-331

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: RICHARD WOODWARD (319) 851-7318

4. Licensed Thermal Power (MWe): 1658

5. Nameplate Rating (Gross MWe): 566

6. Design Electrical Rating (Net MWe): 538

7. Maximum Dependable Capacity (Gross MWe): 545

8. Maximum Dependable Capacity (Net MWe): 515

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs
   MONTH  |  YEAR  |  CUMULATIVE
   744.0  |  8,760.0 |  174,576.0

13. Hours Reactor Critical
   MONTH  |  YEAR  |  CUMULATIVE
   744.0  |  8,236.0 |  131,180.6

14. Rx Reserve Shtdwn Hrs
   MONTH  |  YEAR  |  CUMULATIVE
   0.0    |  0.0    |  192.8

15. Hrs Generator On-Line
   MONTH  |  YEAR  |  CUMULATIVE
   743.8  |  8,080.4 |  127,859.1

16. Unit Reserve Shtdwn Hrs
   MONTH  |  YEAR  |  CUMULATIVE
   0.0    |  0.0    |  0.0

17. Gross Therm Ener (MWH)
   MONTH  |  YEAR  |  CUMULATIVE
   1,116,944.5 | 13,069,795.6 | 177,528,360.3

18. Gross Elec Ener (MWH)
   MONTH  |  YEAR  |  CUMULATIVE
   377,901.0  | 4,367,501.0  | 59,447,886.5

19. Net Elec Ener (MWH)
   MONTH  |  YEAR  |  CUMULATIVE
   355,693.6  | 4,108,361.4  | 55,740,024.2

20. Unit Service Factor
   MONTH  |  YEAR  |  CUMULATIVE
   100.0    | 92.2    | 73.2

21. Unit Avail Factor
   MONTH  |  YEAR  |  CUMULATIVE
   100.0    | 92.2    | 73.2

22. Unit Cap Factor (MDC Net)
   MONTH  |  YEAR  |  CUMULATIVE
   92.8    | 91.1    | 67.5

23. Unit Cap Factor (DER Net)
   MONTH  |  YEAR  |  CUMULATIVE
   88.8    | 87.2    | 64.6

24. Unit Forced Outage Rate
   MONTH  |  YEAR  |  CUMULATIVE
   0.0    | 2.4    | 11.4

25. Forced Outage Hours
   MONTH  |  YEAR  |  CUMULATIVE
   0.0    | 202.8  | 16,388.1

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, FEBRUARY 23, 1995, 54 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>11/16/94</td>
<td>S</td>
<td>0.3</td>
<td>B</td>
<td>4</td>
<td>SB</td>
<td>RV</td>
<td></td>
<td>PREVIOUS OUTAGE CONTINUED.</td>
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<tr>
<td>3</td>
<td>12/10/94</td>
<td>F</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>AD</td>
<td>MG</td>
<td></td>
<td>REDUCED POWER DURING SINGLE RECIRCULATION LOOP OPERATION FOLLOWING RECIRCULATION PUMP TRIP.</td>
</tr>
<tr>
<td>4</td>
<td>12/31/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>KH</td>
<td>ISV</td>
<td></td>
<td>REDUCED POWER TO PERFORM REPAIR ON CONDENSATE DEMINERALIZER INFLUENT ISOLATION VALVE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A-Equipment Failure
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Examination
- F-Administrative
- G-Operational Error
- H-Other

**METHOD**
- 1-Manual
- 2-Reduced Load
- 3-Auto Scram
- 4-Continued
- 5-Refueling
- 6-Relace
- 7-Operate
- 8-Operational Error
- 9-Other

**SYSTEM**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
<table>
<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tbody>
<tr>
<td>LOCATION</td>
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<tr>
<td>STATE</td>
<td>IOWA</td>
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<tr>
<td>COUNTY</td>
<td>LINN</td>
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<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR.</td>
<td>8 MI NW OF CEDAR RAPIDS, IA</td>
</tr>
<tr>
<td>TYPE OF REACTOR</td>
<td>BWR</td>
</tr>
<tr>
<td>DATE INITIAL CRITICALITY</td>
<td>MARCH 23, 1974</td>
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<td>MAY 19, 1974</td>
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<td>FEBRUARY 01, 1975</td>
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<td>CONDENSER COOLING METHOD</td>
<td>COOLING TOWER</td>
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<td>CEDAR RAPIDS RIVER</td>
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<td>MID-CONTINENT AREA RELIABILITY COUNCIL</td>
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<tr>
<td></td>
<td></td>
</tr>
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<tr>
<td>LICENSEE</td>
<td>IOWA ELECTRIC LIGHT &amp; POWER CO.</td>
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<tr>
<td>CORPORATE ADDRESS</td>
<td>P.O. BOX 351</td>
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<tr>
<td>ство́й</td>
<td>CEDAR RAPIDS, IOWA 52406</td>
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<td>ARCHITECT/ENGINEER</td>
<td>BECHTEL</td>
</tr>
<tr>
<td>NUC STEAM SYS SUPPLIER</td>
<td>GENERAL ELECTRIC</td>
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<tr>
<td>CONSTRUCTOR</td>
<td>BECHTEL</td>
</tr>
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<td>TURBINE SUPPLIER</td>
<td>GENERAL ELECTRIC</td>
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<tr>
<td>REGULATORY INFORMATION</td>
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<td>IE REGION RESPONSIBLE</td>
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<td>IE RESIDENT INSPECTOR</td>
<td>JAY HOPKINS</td>
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<tr>
<td>LICENSING PROJ MANAGER</td>
<td>ROBERT M. PULSIFER</td>
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<td>DOCKET NUMBER</td>
<td>50-331</td>
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<td>LICENSE &amp; DATE ISSUANCE</td>
<td>DPR 049, FEBRUARY 22, 1974</td>
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1. Docket: 50-348

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: R. D. HILL (205) 899-5156

4. Licensed Thermal Power (MWe): 2652

5. Nameplate Rating (Gross MWe): 860

6. Design Electrical Rating (Net MWe): 829

7. Maximum Dependable Capacity (Gross MWe): 856

8. Maximum Dependable Capacity (Net MWe): 812

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

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<th>YEAR</th>
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<td>149,760.0</td>
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13. Hours Reactor Critical

14. Rx Reserve Shutdown Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shutdown Hrs

17. Gross Therm Ener (MWH)

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18. Gross Elec Ener (MWH)

19. Net Elec Ener (MWH)

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<th>MONTH</th>
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<td>97,413,605.0</td>
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<td>618,121.0</td>
<td>6,059,835.0</td>
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20. Unit Service Factor

21. Unit Avail Factor

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<tbody>
<tr>
<td>100.0</td>
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22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

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<th>CUMULATIVE</th>
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</thead>
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<td>102.3</td>
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<td>75.4</td>
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<td>100.2</td>
<td>83.4</td>
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24. Unit Forced Outage Rate

25. Forced Outage Hours

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<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<td>0.0</td>
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<td>7,482.3</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**Report Period**: DECEMBER 1994

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

**FARLEY 1**

---

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
## Facility Description

**Location**
- **State**: Alabama
- **County**: Houston
- **Distance and Direction from Nearest Population Center**: 18 mi SE of Dothan, AL

**Type of Reactor**: PWR

**Date Initial Criticality**: August 09, 1977
**Date Initial Electricity**: August 18, 1977
**Date Commercial Operation**: December 01, 1977

**Condenser Cooling Method**: Cooling Towers
**Condenser Cooling Water**: Chatahoochee River

**Electric Reliability Council**: Southeastern Electric Reliability Council

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## Utility & Contractor Information

**Utility**
- **Licensee**: Southern Nuclear Operating Co., Inc.
- **Corporate Address**: P.O. Box 1295
  Birmingham, Alabama 35201

**Contractor**
- **Architect/Engineer**: Southern Services Incorporated
- **Nuc Steam Sys Supplier**: Westinghouse
- **Constructor**: Daniel International
- **Turbine Supplier**: Westinghouse

**Regulatory Information**
- **IE Region Responsible**: 2
- **IE Resident Inspector**: Thierry Ross
- **Licensing Proj Manager**: Byron L. Siegel
- **Docket Number**: 50-348
- **License & Date Issuance**: NPF 002, June 25, 1977
1. Docket: 50-364

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: R. D. HILL (205) 899-5156

4. Licensed Thermal Power (MWe): 2652

5. Nameplate Rating (Gross MWe): 860

6. Design Electrical Rating (Net MWe): 829

7. Maximum Dependable Capacity (Gross MWe): 864

8. Maximum Dependable Capacity (Net MWe): 822

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

13. Hours Reactor Critical

14. Rx Reserve Shtdown Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shutdown Hrs

17. Gross Therm Ener (MWH)

18. Gross Elec Ener (MWH)

19. Net Elec Ener (MWH)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING/MAINTENANCE OUTAGE, MARCH 10, 1995, 39 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
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<tr>
<td>004</td>
<td>12/18/94</td>
<td>F</td>
<td>38.2</td>
<td>A</td>
<td>3</td>
<td>94003</td>
<td></td>
<td></td>
<td>REACTOR TRIPPED DUE TO LOW-LOW WATER LEVEL IN THE 2C STEAM GENERATOR (SG). THIS WAS A RESULT OF A TRANSIENT INITIATED FROM THE CLOSING OF ALL FOUR GOVERNOR VALVES DUE TO AN INTERMITTENT FAILURE OF THE TURBINE CONTROL SYSTEM. THE REACTOR TRIPPED DUE TO A TURBINE TRIP CAUSED BY AN INTERMITTENT DEHC SYSTEM FAILURE. WHEN COMPARED TO THE 12/18/94 REACTOR TRIP, BOTH TRIPS WERE MOST LIKELY CAUSED BY AN INTERMITTENT DEHC SYSTEM PROCESSOR FAILURE. DEHC CARDS WERE REPLACED.</td>
</tr>
<tr>
<td>005</td>
<td>12/25/94</td>
<td>F</td>
<td>29.8</td>
<td>A</td>
<td>3</td>
<td>94004</td>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- 803A-1983 and/or NUREG-0161 Exhibit H
<table>
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<tr>
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<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tr>
<td><strong>LOCATION</strong></td>
<td><strong>UTILITY</strong></td>
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<td>STATE ................. ALABAMA</td>
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<td>COUNTY ............... HOUSTON</td>
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<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR... 18 MI SE OF DOOTHAN, AL</td>
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<td>TYPE OF REACTOR...... PWR</td>
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<td>DATE INITIAL CRITICALITY..... MAY 08, 1981</td>
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<td>DATE INITIAL ELECTRICITY..... MAY 25, 1981</td>
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<td>DATE COMMERCIAL OPERATE..... JULY 30, 1981</td>
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<td>CONDENSER COOLING METHOD..... COOLING TOWERS</td>
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<td>CONDENSER COOLING WATER....... CHATAHOOCHEE RIVER</td>
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<td>ELECTRIC RELIABILITY COUNCIL........ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL</td>
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<tr>
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<th><strong>LICENSEE</strong></th>
<th>SOUTHERN NUCLEAR OPERATING CO., INC.</th>
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<tbody>
<tr>
<td><strong>CORPORATE ADDRESS</strong></td>
<td>P.O. BOX 1295</td>
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<tr>
<td></td>
<td>BIRMINGHAM, ALABAMA 35201</td>
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| **CONTRACTOR** | | SOUTHERN SERVICES INCORPORATED |
|----------------|---------------------------|
| ARCHITECT/ENGINEER | WESTINGHOUSE |
| NUC STEAM SYS SUPPLIER | BECHTEL |
| CONSTRUCTOR | WESTINGHOUSE |
| TURBINE SUPPLIER |

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<tr>
<th><strong>REGULATORY INFORMATION</strong></th>
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<tr>
<td>IE REGION RESPONSIBLE.....</td>
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<tr>
<td>IE RESIDENT INSPECTOR.....</td>
<td>THIERRY ROSS</td>
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<td>LICENSING PROJ MANAGER.....</td>
<td>BYRON L. SIEGEL</td>
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<tr>
<td>DOCKET NUMBER..............</td>
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<td>NPF 008, MARCH 31, 1981</td>
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1. Docket: 50-341  
2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs:  744.0  
3. Utility Contact:  B. J. STONE (313) 586-5148  
4. Licensed Thermal Power (MWe):  3430  
5. Nameplate Rating (Gross MWe):  1179  
6. Design Electrical Rating (Net MWe):  1116  
7. Maximum Dependable Capacity (Gross MWe):  1135  
8. Maximum Dependable Capacity (Net MWe):  1085  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
   CURRENTLY LIMITING POWER TO 93.5% CTP MAXIMUM TO LIMIT TURBINE  
   COMPONENT VIBRATION. ALL RATINGS REFLECT 96% CTP DUE TO TURBINE  
   THROTTLE VALVE LIMITATIONS.  
10. Power Level To Which Restricted, If Any (Net MWe):  93  
11. Reasons For Restrictions, If Any:  

   CURRENTLY LIMITING POWER TO 93.5% CTP MAXIMUM TO LIMIT TURBINE  
   COMPONENT VIBRATION. ALL RATINGS REFLECT 96% CTP DUE TO TURBINE  
   THROTTLE VALVE LIMITATIONS.  

12. Report Period Hrs  
13. Hours Reactor Critical  
14. Rx Reserve Shtdwn Hrs  
15. Hrs Generator On-Line  
16. Unit Reserve Shtdwn Hrs  
17. Gross Therm Ener (MWH)  
18. Gross Elec Ener (MWH)  
19. Net Elec Ener (MWH)  
20. Unit Service Factor  
21. Unit Avail Factor  
22. Unit Cap Factor (MDC Net)  
23. Unit Cap Factor (DER Net)  
24. Unit Forced Outage Rate  
25. Forced Outage Hours  

   MONTH  YEAR  CUMULATIVE  
   744.0  8,760.0  60,830.0  
   190.6  190.6  40,735.6  
   0.0  0.0  0.0  
   0.0  0.0  39,130.9  
   0.0  0.0  0.0  
   11,364.0  11,364.0  119,714,051.0  
   0.0  0.0  39,973,921.0  
   0.0  0.0  38,233,715.0  
   0.0  0.0  64.3  
   0.0  0.0  64.3  
   0.0  0.0  58.5  
   0.0  0.0  57.1  
   100.0  100.0  21.0  
   744.0  7417.0  10,402.7

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
27. If Currently Shutdown, Estimated Startup Date:  
Notes:  
   CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH  
   WEIGHTED AVERAGES.
<table>
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<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tr>
<td>S93-06</td>
<td>12/25/93</td>
<td>F</td>
<td>744.0</td>
<td>A</td>
<td>4</td>
<td>93014</td>
<td>TA</td>
<td>TRB</td>
<td>REACTOR TRIPPED FOLLOWING TRIP OF MAIN TURBINE. TURBINE TRIPPED DUE TO IMBALANCE CAUSED BY LOSS OF 5 8TH STAGE BLADES IN LOW PRESSURE TURBINE NUMBER 3. OPERATION WITHOUT 7TH AND 8TH STAGES IN ALL 3 LP TURBINES IS PLANNED FOR UPCOMING OPERATING CYCLE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
<table>
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<tr>
<th>Location</th>
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<td>Distance</td>
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<td>DATE INITIAL CRITICALITY..... JUNE 21, 1985</td>
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<td>Cooling Method</td>
<td>CONDENSER COOLING METHOD..... ONCE THRU</td>
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<td>Electric Reliability Council</td>
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<tr>
<td>Electric Reliability Council</td>
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</table>

| Utility | LICENSEE............... DETROIT EDISON CO. |
| Company | CORPORATE ADDRESS....... 2000 SECOND AVENUE DETROIT, MICHIGAN 48226 |
| Contractor | ARCHITECT/ENGINEER....... SARGENT & LUNDY |
| Contractor | NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC |
| Contractor | CONSTRUCTOR............... DANIEL INTERNATIONAL |
| Contractor | TURBINE SUPPLIER........... DETROIT EDISON |

| Regulatory Information | IE REGION RESPONSIBLE........ 3 |
| Regulatory Information | IE RESIDENT INSPECTOR........ ANTON VEGEL |
| Regulatory Information | LICENSING PROJ MANAGER....... TIMOTHY G. COLBURN |
| Regulatory Information | DOCKET NUMBER............... 50-341 |
| Regulatory Information | LICENSE & DATE ISSUANCE..... NPF 043, JULY 16, 1985 |
1. Docket: 50-333

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: RUSSELL FLAGG (315) 349-6768

4. Licensed Thermal Power (MWe):
   2436

5. Nameplate Rating (Gross MWe):
   883

6. Design Electrical Rating (Net MWe):
   816

7. Maximum Dependable Capacity (Gross MWe):
   801

8. Maximum Dependable Capacity (Net MWe):
   774

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
<td>12.</td>
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<td>8,760.0</td>
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<tr>
<td>13.</td>
<td>0.0</td>
<td>7,291.9</td>
</tr>
<tr>
<td>14.</td>
<td>0.0</td>
<td>7,225.4</td>
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<tr>
<td>15.</td>
<td>0.0</td>
<td>7,225.4</td>
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<td>0.0</td>
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<td>17.</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>18.</td>
<td>0.0</td>
<td>0.0</td>
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<td>19.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>20.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>21.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>22.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>23.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>24.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>25.</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date: 02/08/95

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>11/30/94</td>
<td>S</td>
<td>744.0</td>
<td>C</td>
<td>4</td>
<td>RC</td>
<td>FUELXX</td>
<td>REFUELING OUTAGE CONTINUED.</td>
<td></td>
</tr>
</tbody>
</table>
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: NEW YORK
- **COUNTY**: OSWEGO

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 8 MI NE OF OSWEGO, NY

**TYPE OF REACTOR**: BWR

**DATE INITIAL CRITICALITY**: NOVEMBER 17, 1974

**DATE INITIAL ELECTRICITY**: FEBRUARY 01, 1975

**DATE COMMERCIAL OPERATE**: JULY 28, 1975

**CONDENSER COOLING METHOD**: ONCE THRU

**CONDENSER COOLING WATER**: LAKE ONTARIO

**ELECTRIC RELIABILITY COUNCIL**: NORTHEASTERN POWER COORDINATION COUNCIL

---

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: NEW YORK POWER AUTHORITY
  - **CORPORATE ADDRESS**: 10 COLUMBUS CIRCLE
    - NEW YORK, NEW YORK 10019

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: STONE & WEBSTER
  - **NUC STEAM SYS SUPPLIER**: GENERAL ELECTRIC
  - **CONSTRUCTOR**: STONE & WEBSTER
  - **TURBINE SUPPLIER**: GENERAL ELECTRIC

---

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE**: 1

**IE RESIDENT INSPECTOR**: WILLIAM ANDREW COOK

**LICENSING PROJ MANAGER**: JOHN E. MENNING

**DOCKET NUMBER**: 50-333

**LICENSE & DATE ISSUANCE**: DPR 059, OCTOBER 17, 1974
1. Docket: 50-285

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: T. C. MATTHEWS (402) 553-6938

4. Licensed Thermal Power (MWe):
   1500

5. Nameplate Rating (Gross MWe):
   502

6. Design Electrical Rating (Net MWe):
   478

7. Maximum Dependable Capacity (Gross MWe):
   502

8. Maximum Dependable Capacity (Net MWe):
   478

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs: 744.0
    MONTH  YEAR  CUMULATIVE
    744.0  8,760.0  186,434.0

13. Hours Reactor Critical: 744.0
    MONTH  YEAR  CUMULATIVE
    744.0  8,726.2  146,417.9

14. Rx Reserve Shtdwn Hrs: 0.0
    MONTH  YEAR  CUMULATIVE
    0.0  0.0  1,309.5

15. Hrs Generator On-Line: 744.0
    MONTH  YEAR  CUMULATIVE
    744.0  8,711.1  144,774.1

16. Unit Reserve Shtdwn Hrs: 0.0
    MONTH  YEAR  CUMULATIVE
    0.0  0.0  0.0

17. Gross Therm Ener (MWH):
    MONTH  YEAR  CUMULATIVE
    1,113,276.2  12,862,900.9  192,148,700.5

18. Gross Elec Ener (MWH):
    MONTH  YEAR  CUMULATIVE
    378,780.0  4,316,858.0  63,406,882.2

19. Net Elec Ener (MWH):
    MONTH  YEAR  CUMULATIVE
    362,103.6  4,118,729.4  60,491,792.3

20. Unit Service Factor: 100.0
    MONTH  YEAR  CUMULATIVE
    100.0  99.4  77.7

21. Unit Avail Factor: 100.0
    MONTH  YEAR  CUMULATIVE
    100.0  99.4  77.7

22. Unit Cap Factor (MDC Net): 101.8
    MONTH  YEAR  CUMULATIVE
    101.8  98.4  70.2

23. Unit Cap Factor (DER Net): 101.8
    MONTH  YEAR  CUMULATIVE
    101.8  98.4  68.6

24. Unit Forced Outage Rate: 0.0
    MONTH  YEAR  CUMULATIVE
    0.0  0.6  4.0

25. Forced Outage Hours: 0.0
    MONTH  YEAR  CUMULATIVE
    0.0  48.9  5,980.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, MARCH 11, 1995, 49 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A- Equipment Failure
- B- Maintenance or Test
- C- Refueling
- D- Regulatory Restriction
- E- Operator Training & License Examination
- F- Administrative
- G- Operational Error
- H- Other

**METHOD**
- 1- Manual
- 2- Manual Scram
- 3- Auto Scram
- 4- Continued
- 5- Reduced Load
- 9- Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.................... NEBRASKA
COUNTY................... WASHINGTON
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 19 MI N OF OMAHA, NE

TYPE OF REACTOR........... PWR
DATE INITIAL CRITICALITY...... AUGUST 06, 1973
DATE INITIAL ELECTRICITY...... AUGUST 25, 1973
DATE COMMERCIAL OPERATE...... JUNE 20, 1974
CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER...... MISSOURI RIVER
ELECTRIC RELIABILITY COUNCIL..................... MID-CONTINENT AREA RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE..................... OMAHA PUBLIC POWER DISTRICT
CORPORATE ADDRESS.......... 1623 HARNEY STREET
OMAHA, NEBRASKA 68102

CONTRACTOR
ARCHITECT/ENGINEER........ GIBBS, HILL, DURHAM & RICHARDSON
NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING
CONSTRUCTOR................ GIBBS, HILL, DURHAM & RICHARDSON
TURBINE SUPPLIER........... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 4
IE RESIDENT INSPECTOR......... RAYMOND MULLIKEN
LICENSESING PROJ MANAGER...... STEVEN D. BLOOM
DOCKET NUMBER................ 50-285
LICENSE & DATE ISSUANCE...... DPR 040, AUGUST 09, 1973
1. Docket: 50-244

2. Reporting Period: DECEMBER 1994

3. Utility Contact: JOHN V. WALDEN (315) 524-4446 EXT. 588

4. Licensed Thermal Power (MWt):

5. Nameplate Rating (Gross MWe): 490

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>2</td>
<td>482</td>
<td>493</td>
</tr>
<tr>
<td>3</td>
<td>483</td>
<td>806</td>
</tr>
<tr>
<td>4</td>
<td>483</td>
<td>1,289</td>
</tr>
<tr>
<td>5</td>
<td>482</td>
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<td>482</td>
<td>2,226</td>
</tr>
<tr>
<td>7</td>
<td>482</td>
<td>2,708</td>
</tr>
<tr>
<td>8</td>
<td>482</td>
<td>3,190</td>
</tr>
<tr>
<td>9</td>
<td>482</td>
<td>3,672</td>
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<td>10</td>
<td>483</td>
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<td>482</td>
<td>4,638</td>
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<td>5,120</td>
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<td>5,603</td>
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<td>483</td>
<td>6,086</td>
</tr>
<tr>
<td>15</td>
<td>483</td>
<td>6,569</td>
</tr>
</tbody>
</table>

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shutdown Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shutdown Hrs 0.0

17. Gross Therm Ener (MWH) 1,115,511.0

18. Gross Elec Ener (MWH) 377,181.0

19. Net Elec Ener (MWH) 358,923.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 102.6

23. Unit Cap Factor (DER Net) 102.6

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING/MAINTENANCE OUTAGE, MARCH 26, 1995, 36 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

   Notes:

   CUMULATIVE REACTOR AND UNIT RESERVE SHUTDOWN HOURS ARE FROM JANUARY 1, 1975. CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES. LICENSEE REVISED APRIL 1994 NET ELECTRIC ENERGY FROM 88,852.0 TO 89,103.0.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H

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Page 2-113
**FACILITY DATA**

### LOCATION

<table>
<thead>
<tr>
<th>STATE</th>
<th>NEW YORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY</td>
<td>WAYNE</td>
</tr>
</tbody>
</table>

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**

20 MI NE OF ROCHESTER, NY

### TYPE OF REACTOR

PWR

### DATE INITIAL CRITICALITY

NOVEMBER 08, 1969

### DATE COMMERCIAL OPERATE

JULY 01, 1970

### CONDENSER COOLING METHOD

ONCE THRU

### CONDENSER COOLING WATER

LAKE ONTARIO

### ELECTRIC RELIABILITY COUNCIL

NORTHEASTERN POWER COORDINATION COUNCIL

### REGULATORY INFORMATION

- **IE REGION RESPONSIBLE:** 1
- **IE RESIDENT INSPECTOR:** TOM MOSLAK
- **LICENSE栟 DATE ISSUANCE:** DPR 018, SEPTEMBER 19, 1969

### FACILITY DESCRIPTION

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**

<table>
<thead>
<tr>
<th>LICENSEE</th>
<th>ROCHESTER GAS &amp; ELECTRIC CO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORPORATE ADDRESS</td>
<td>89 EAST AVENUE</td>
</tr>
<tr>
<td></td>
<td>ROCHESTER, NEW YORK 14649</td>
</tr>
</tbody>
</table>

**CONTRACTOR**

<table>
<thead>
<tr>
<th>ARCHITECT/ENGINEER</th>
<th>GILBERT ASSOCIATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUC STEAM SYS SUPPLIER</td>
<td>WESTINGHOUSE</td>
</tr>
<tr>
<td>CONSTRUCTOR</td>
<td>BECHTEL</td>
</tr>
<tr>
<td>TURBINE SUPPLIER</td>
<td>WESTINGHOUSE</td>
</tr>
</tbody>
</table>

**DOCKET NUMBER**

50-244
1. **Docket**: 50-416  
2. **Reporting Period**: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0
3. **Utility Contact**: S. D. LIN (601) 437-6793
4. **Licensed Thermal Power (MWt)**: 3833
5. **Nameplate Rating (Gross MWe)**: 1373
6. **Design Electrical Rating (Net MWt)**: 1250
7. **Maximum Dependable Capacity (Gross MWt)**: 1190
8. **Maximum Dependable Capacity (Net MWt)**: 1143
9. **If Changes Occurred Above Since Last Report, Give Reasons:**
10. **Power Level To Which Restricted, If Any (Net MWt):**
11. **Reasons For Restrictions, If Any:**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>8,464.5</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>8,286.5</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,845,051.0</td>
<td>31,025,924.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWh)</td>
<td>932,150.0</td>
<td>10,013,995.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWh)</td>
<td>895,417.0</td>
<td>9,614,745.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
<td>100.0</td>
<td>94.6</td>
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<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>94.6</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>105.3</td>
<td>96.0</td>
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<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>96.3</td>
<td>87.8</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>0.0</td>
<td>5.4</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>473.5</td>
</tr>
</tbody>
</table>

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**
   - REFUELING OUTAGE, APRIL 15, 1995, 40 DAYS.

27. **If Currently Shutdwn, Estimated Startup Date:**

**Notes:**
CUMULATIVE VALUES FOR ITEMS 12, 13, 15, AND 17-19 INCLUDED PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
# Facility Description

**Location**
- **State:** Mississippi
- **County:** Claiborne
- **Distance and Direction from Nearest Population Center:** 25 mi S of Vicksburg, MS

**Type of Reactor:** BWR

**Date Initial Criticality:** August 18, 1982
**Date Initial Electricity:** October 20, 1984
**Date Commercial Operate:** July 01, 1985

**Condenser Cooling Method:** Condct
**Condenser Cooling Water:** Mississippi River
**Electric Reliability Council:** Southwest Power Pool

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# Utility & Contractor Information

**Utility**
- **Licensee:** Entergy Operations, Inc.
- **Corporate Address:** P.O. Box 756, Port Gibson, Mississippi 39150

**Contractor**
- **Architect/Engineer:** Bechtel
- **Nuc Steam Sys Supplier:** General Electric
- **Constructor:** Bechtel
- **Turbine Supplier:** Allis-Chalmers Power Systems Inc.

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# Regulatory Information

**IE Region Responsible:** 2
**IE Resident Inspector:** Jefferson Tedrow
**Licensing Proj Manager:** Paul W. O'Connor
**Docket Number:** 50-416
**License & Date Issuance:** NPF 029, August 31, 1984
1. Docket: 50-213

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: W. W. HERWIG (203) 267-3198

4. Licensed Thermal Power (MWt):
   1825

5. Nameplate Rating (Gross MW):
   600

6. Design Electrical Rating (Net MWe):
   582

7. Maximum Dependable Capacity (Gross MWe):
   587

8. Maximum Dependable Capacity (Net MWe):
   560

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs
    MONTH YEAR CUMULATIVE
    744.0 8,760.0 236,688.0

13. Hours Reactor Critical
    744.0 6,810.2 188,762.6

14. Rx Reserve Shtdwn Hrs
    0.0 0.0 1,285.0

15. Hrs Generator On-Line
    711.3 6,756.2 181,958.9

16. Unit Reserve Shtdwn Hrs
    0.0 0.0 398.0

17. Gross Therm Ener (MWh)
    1,295,467.0 12,182,192.0 315,002,460.0

18. Gross Elec Ener (MWH)
    430,318.0 3,990,621.0 103,253,540.0

19. Net Elec Ener (MWH)
    410,469.4 3,795,902.9 98,097,176.3

20. Unit Service Factor
    95.6 77.1 76.9

21. Unit Avail Factor
    95.6 77.1 77.0

22. Unit Cap Factor (MDC Net)
    98.5 77.4 75.2

23. Unit Cap Factor (DER Net)
    94.8 74.5 71.2

24. Unit Forced Outage Rate
    4.4 22.9 6.3

25. Forced Outage Hours
    32.7 2003.8 12,239.1

26. Shutoffs Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, JANUARY 28, 1995, 48 DAYS.

27. If Currently Shutndown, Estimated Startup Date:

   Notes:
   CUM VALUES FOR ITEMS 17-19 ARE FROM FIRST CRIT (JULY 24, 1967).
   REMAINING CUM VALUES ARE FROM COMMERCIAL OPERATION (JANUARY 1,
   1968). CUM UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A
   WEIGHTED AVERAGE. SEPTEMBER 1994 NET ELEC ENERGY REVISED.
## Unit Shutdowns and Power Reductions

**Report Period:** DECEMBER 1994

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-07</td>
<td>12/30/94</td>
<td>F</td>
<td>32.7</td>
<td>A</td>
<td>1</td>
<td>SB</td>
<td>V</td>
<td></td>
<td>LEAKING GASKET IN MS-NRV-2. REPLACED GASKET AND RETURNED VALVE TO SERVICE.</td>
</tr>
</tbody>
</table>

### Table Legend

- **TYPE:**
  - F: Forced  
  - S: Scheduled

- **REASON:**
  - A: Equipment Failure  
  - B: Maintenance or Test  
  - C: Refueling  
  - D: Regulatory Restriction  
  - E: Operator Training & License Examination  
  - F: Administrative  
  - G: Operational Error  
  - H: Other

- **METHOD:**
  - 1: Manual  
  - 2: Manual Scram  
  - 3: Auto Scram  
  - 4: Continued  
  - 5: Reduced Load  
  - 9: Other

- **SYSTEM:**
  - IEEE Standard  
  - 805-1984 and/or NUREG-0161 Exhibit F

- **COMPONENT:**
  - IEEE Standard  
  - 803A-1983 and/or NUREG-0161 Exhibit H
Report Period: DECEMBER 1994

FACILITY DESCRIPTION

LOCATION

STATE...................... CONNECTICUT
COUNTY..................... MIDDLESEX

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 13 MI E OF MERIDEN, CT

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY...... JULY 24, 1967
DATE INITIAL ELECTRICITY...... AUGUST 07, 1967
DATE COMMERCIAL OPERATE...... JANUARY 01, 1968

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER...... CONNECTICUT RIVER

ELECTRIC RELIABILITY COUNCIL............... NORTHEASTERN POWER COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE...................... CONNECTICUT YANKEE ATOMIC POWER CO.
CORPORATE ADDRESS............. P.O. BOX 270
HARTFORD, CONNECTICUT 06141

CONTRACTOR

ARCHITECT/ENGINEER............. STONE & WEBSTER
NUC STEAM SYS SUPPLIER....... WESTINGHOUSE
CONSTRUCTOR................. STONE & WEBSTER
TURBINE SUPPLIER............... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.......... 1
IE RESIDENT INSPECTOR.......... WILLIAM J. RAYMOND
LICENSING PROJ MANAGER........ ALAN B. WANG
DOCKET NUMBER.................. 50-213
LICENSE & DATE ISSUANCE........ DPR 061, DECEMBER 27, 1974
1. Docket: 50-400

2. Reporting Period: DECEMBER 1994

3. Utility Contact: SHEILA ROGERS (919) 362-2573

4. Licensed Thermal Power (MWt): 2775

5. Nameplate Rating (Gross MW): 951

6. Design Electrical Rating (Net MW): 900

7. Maximum Dependable Capacity (Gross MW): 920

8. Maximum Dependable Capacity (Net MW): 860

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shdown Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shdown Hrs 0.0

17. Gross Therm Ener (MWH) 2,015,342.6

18. Gross Elec Ener (MWH) 671,951.0

19. Net Elec Ener (MWH) 630,066.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 98.5

23. Unit Cap Factor (DER Net) 94.1

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shdown Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shdown Hrs 0.0

17. Gross Therm Ener (MWH) 2,015,342.6

18. Gross Elec Ener (MWH) 671,951.0

19. Net Elec Ener (MWH) 630,066.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 98.5

23. Unit Cap Factor (DER Net) 94.1

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
### Unit Shutdowns and Power Reductions

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>94-012</td>
<td>12/10/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>5</td>
<td>NH</td>
<td>HTEXCH</td>
<td>&quot;A&quot; Condensate Booster Pump Removed from Service. Excessive water in oil due to a failed tube in lube oil heat exchanger.</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>REASON</th>
<th>METHOD</th>
<th>SYSTEM</th>
<th>COMPONENT</th>
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<tbody>
<tr>
<td>S: Scheduled</td>
<td>B-Maintenance or Test</td>
<td>2-Manual Scram</td>
<td>805-1984 and/or 803A-1983 and/or NUREG-0161 Exhibit F</td>
<td>803A-1983 and/or NUREG-0161 Exhibit H</td>
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<tr>
<td></td>
<td>C-Refueling</td>
<td>3-Auto Scram</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D-Regulatory Restriction</td>
<td>4-Continued</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-Operator Training &amp; License Examination</td>
<td>5-Reduced Load</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>F-Administrative</td>
<td>9-Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>G-Operational Error</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>H-Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
FACILITY DESCRIPTION

LOCATION

STATE...................... NORTH CAROLINA
COUNTY..................... WAKE & CHAPHAM COS.
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 20 MI SW OF RALEIGH, NC

TYPE OF REACTOR............... PWR
DATE INITIAL CRITICALITY...... JANUARY 03, 1987
DATE INITIAL ELECTRICITY...... JANUARY 19, 1987
DATE COMMERCIAL OPERATE....... MAY 02, 1987
CONDENSER COOLING METHOD..... NDCT
CONDENSER COOLING WATER....... MAKEUP RESERVOIR

ELECTRIC RELIABILITY COUNCIL.................. SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..................... CAROLINA POWER & LIGHT CO.
CORPORATE ADDRESS.............. P.O. BOX 1551
RALEIGH, NORTH CAROLINA 27602

CONTRACTOR

ARCHITECT/ENGINEER............. EBASCO
NUC STEAM SYS SUPPLIER........ WESTINGHOUSE
CONSTRUCTOR.................... DANIEL INTERNATIONAL
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 2
IE RESIDENT INSPECTOR .......... STEPHEN ELROD
LICENSING PROJ MANAGER........ NGOC B. LE
DOCKET NUMBER.................. 50-400
LICENSE & DATE ISSUANCE........ NPF 063, JANUARY 12, 1987
1. Docket: 50-321
2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0
3. Utility Contact: T. W. TIDWELL (912) 367-7781 EXT. 2878
4. Licensed Thermal Power (MWe):
   2436
5. Nameplate Rating (Gross MWe):
   850
6. Design Electrical Rating (Net MWe):
   776
7. Maximum Dependable Capacity (Gross MWe):
   774
8. Maximum Dependable Capacity (Net MWe):
   741
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons For Restrictions, If Any:
12. Report Period Hrs
    | MONTH | YEAR | CUMULATIVE |
    | 744.0  | 8,760.0 | 166,559.0 |
13. Hours Reactor Critical
    | 744.0  | 7,638.1 | 125,641.6 |
14. Rx Reserve Shtdown Hrs
    | 0.0    | 0.0     | 0.0     |
15. Hrs Generator On-Line
    | 744.0  | 7,543.7 | 120,500.4 |
16. Unit Reserve Shtdown Hrs
    | 0.0    | 0.0     | 0.0     |
17. Gross Therm Ener (MWH)
    | 1,807,154.0 | 17,943,805.0 | 271,052,339.0 |
18. Gross Elec Ener (MWH)
    | 594,536.0  | 5,767,986.0  | 87,112,316.0  |
19. Net Elec Ener (MWH)
    | 570,074.0  | 5,507,212.0  | 82,897,706.0  |
20. Unit Service Factor
    | 100.0    | 86.1     | 72.3     |
21. Unit Avail Factor
    | 100.0    | 86.1     | 72.3     |
22. Unit Cap Factor (MDC Net)
    | 103.4    | 84.8     | 66.5     |
23. Unit Cap Factor (DER Net)
    | 98.7     | 81.0     | 63.9     |
24. Unit Forced Outage Rate
    | 0.0      | 1.5      | 11.3     |
25. Forced Outage Hours
    | 0.0      | 117.9    | 15,378.5 |
26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
27. If Currently Shutdown, Estimated Startup Date:
   Notes:

   CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
Report Period: DECEMBER 1994

FACILITY DATA

* HATCH 1 *

FACILITY DESCRIPTION

LOCATION

STATE............... GEORGIA
COUNTY............... APPLING

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 11 MI N OF BAXLEY, GA

TYPE OF REACTOR......... BWR

DATE INITIAL CRITICALITY..... SEPTEMBER 12, 1974
DATE INITIAL ELECTRICITY...... NOVEMBER 11, 1974
DATE COMMERCIAL OPERATE....... DECEMBER 31, 1975

CONDENSER COOLING METHOD...... COOLING TOWER
CONDENSER COOLING WATER....... ALTAMAHA RIVER

ELECTRIC RELIABILITY COUNCIL........ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE............... GEORGIA POWER CO.

CORPORATE ADDRESS........ P.O. BOX 1295
BIRMINGHAM, ALABAMA 35201

CONTRACTOR

ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR............... GEORGIA POWER CO.
TURBINE SUPPLIER......... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 2
IE RESIDENT INSPECTOR....... BOBBY HOLBROOK
LICENSING PROJ MANAGER...... KAHTAN N. JABBOUR
DOCKET NUMBER............... 50-321
LICENSE & DATE ISSUANCE..... DPR 057, OCTOBER 13, 1974
1. **Docket:** 50-366
2. **Reporting Period:** DECEMBER 1994  
   **Outage + On-Line Hrs:** 744.0
3. **Utility Contact:** T. TIDWELL (912) 367-7781 EXT. 2878
4. **Licensed Thermal Power (MWe):** 2436
5. **Nameplate Rating (Gross MWe):** 850
6. **Design Electrical Rating (Net MWe):** 784
7. **Maximum Dependable Capacity (Gross MWe):** 798
8. **Maximum Dependable Capacity (Net MWe):** 765
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons For Restrictions, If Any:

**AVERAGE DAILY POWER LEVEL (Net MWe)**

<table>
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<tr>
<th>DAY</th>
<th>POWER</th>
<th>DAY</th>
<th>POWER</th>
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</thead>
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<td>779</td>
<td>17</td>
<td>774</td>
</tr>
<tr>
<td>3</td>
<td>772</td>
<td>18</td>
<td>777</td>
</tr>
<tr>
<td>4</td>
<td>767</td>
<td>19</td>
<td>783</td>
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<td>5</td>
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<td>781</td>
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<tr>
<td>31</td>
<td>780</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. **Report Period Hrs**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   744.0  8,760.0  134,185.0
13. **Hours Reactor Critical**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   744.0  7,619.7  103,360.0
14. **Rx Reserve Shtdwn Hrs**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   0.0  0.0  0.0
15. **Hrs Generator On-Line**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   744.0  7,535.5  99,761.7
16. **Unit Reserve Shtdwn Hrs**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   0.0  0.0  0.0
17. **Gross Therm Ener (MWH)**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   1,792,978.0  16,789,049.0  220,261,402.0
18. **Gross Elec Ener (MWH)**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   598,530.0  5,523,310.0  72,138,050.0
19. **Net Elec Ener (MWH)**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   574,248.0  5,271,124.0  68,705,815.0
20. **Unit Service Factor**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   100.0  86.0  74.3
21. **Unit Avail Factor**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   100.0  86.0  74.3
22. **Unit Cap Factor (MDC Net)**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   100.9  78.7  67.0
23. **Unit Cap Factor (DER Net)**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   98.4  76.8  65.3
24. **Unit Forced Outage Rate**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   0.0  1.8  7.0
25. **Forced Outage Hours**  
   **MONTH**  
   **YEAR**  
   **CUMULATIVE**  
   0.0  136.6  7,562.5

**26. Shutoffs Scheduled Over Next Six Months (Type, Date, Duration):**

27. If Currently Shutdown, Estimated Startup Date:

**Notes:**

*CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.*

Page 2-127
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-011</td>
<td>12/10/94</td>
<td>S</td>
<td>0.0</td>
<td>F</td>
<td>S</td>
<td></td>
<td>RB</td>
<td>CONROD</td>
<td>REDUCED LOAD TO PERFORM A CONTROL ROD SEQUENCE EXCHANGE AND CONTROL ROD SCRAM TIME TESTING. WHILE AT REDUCED POWER, PERFORMED TURBINE CONTROL VALVE AND TURBINE BYPASS VALVE TESTING, AND CONTROL ROD DRIVE EXERCISES FOR SELECTED ROD DRIVES.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**Facility Description**

**Location**
- State: Georgia
- County: Appling
- Distance and direction from nearest population center: 11 miles north of Baxley, GA

**Type of Reactor:** BWR

**Date Initial Criticality:** July 04, 1978

**Date Initial Electricity:** September 22, 1978

**Date Commercial Operate:** September 05, 1979

**Condenser Cooling Method:** Cooling Tower

**Condenser Cooling Water:** Altamaha River

**Electric Reliability Council:** Southeastern Electric Reliability Council

**Utility & Contractor Information**

**Utility**
- Licensee: Georgia Power Co.
- Corporate Address: P.O. Box 1295, Birmingham, Alabama 35201

**Contractor**
- Architect/Engineer: Bechtel
- NUC Steam Sys Supplier: General Electric
- Constructor: Georgia Power Co.
- Turbine Supplier: General Electric

**Regulatory Information**
- IE Region Responsible: 2
- IE Resident Inspector: Bobby Holbrook
- Licensing Proj Manager: Khattan N. Jabbour
- Docket Number: 50-366
- License & Date Issuance: NPF 005, June 13, 1978
1. Docket: 50-354
2. Reporting Period: DECEMBER 1994
3. Utility Contact: D. W. LYONS (609) 339-3517
4. Licensed Thermal Power (MWe): 3293
5. Nameplate Rating (Gross MWe): 1170
6. Design Electrical Rating (Net MWe): 1067
7. Maximum Dependable Capacity (Gross MWe): 1076
8. Maximum Dependable Capacity (Net MWe): 1031
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>7,112.9</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>6,970.9</td>
</tr>
<tr>
<td>16. Unit Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,430,315.0</td>
<td>22,450,975.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>819,216.0</td>
<td>7,463,712.0</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>786,182.0</td>
<td>7,125,636.0</td>
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<tr>
<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>79.6</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<tr>
<td>23. Unit Cap Factor (DER Net)</td>
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<td>76.2</td>
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<td>24. Unit Forced Outage Rate</td>
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<td>6.9</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>514.5</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>12/10/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>POWER REDUCTION FOR MAIN STEAM DRAIN VALVE REPAIRS.</td>
</tr>
</tbody>
</table>
Report Period DECEMBER 1994

**FACILITY DATA**

* HOPE CREEK *

**FACILITY DESCRIPTION**

LOCATION

STATE...................... NEW JERSEY
COUNTY..................... SALEM

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 18 MI SE OF WILMINGTON, DE

TYPE OF REACTOR.............. BWR
DATE INITIAL CRITICALITY..... JUNE 28, 1986
DATE INITIAL ELECTRICITY..... AUGUST 01, 1986
DATE COMMERCIAL OPERATE..... DECEMBER 20, 1986

CONDENSER COOLING METHOD..... NDCT
CONDENSER COOLING WATER...... DELAWARE RIVER
ELECTRIC RELIABILITY COUNCIL................ MID-ATLANTIC AREA COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

UTILITY

LICENSEE.................. PUBLIC SERVICE ELECTRIC & GAS CO.
CORPORATE ADDRESS........ 80 PARK PLACE NEWARK, NEW JERSEY 07101

CONTRACTOR

ARCHITECT/ENGINEER........... BECHTEL
NUC STEAM SYS SUPPLIER...... GENERAL ELECTRIC
CONSTRUCTOR.................. BECHTEL
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 1
IE RESIDENT INSPECTOR........ ROBERT SUMMERS
LICENSING PROJ MANAGER....... JAMES C. STONE
DOCKET NUMBER............... 50-354
LICENSE & DATE ISSUANCE...... NPF 057, JULY 25, 1986
1. Docket: 50-247

**OPERATING STATUS**

2. Reporting Period: DECEMBER 1994

Outage + On-Line Hrs: 744.0

3. Utility Contact: A. REED (914) 526-5155

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

13. Hours Reactor Critical

14. Rx Reserve Shdwn Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shdwn Hrs

17. Gross Therm Ener (MMH)

18. Gross Elec Ener (MMH)

19. Net Elec Ener (MMH)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, FEBRUARY 4, 1995, 93 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**  
F: Forced  
S: Scheduled  

**REASON**  
A- Equipment Failure  
B- Maintenance or Test  
C- Refueling  
D- Regulatory Restriction  
E- Operator Training & License Examination  
F- Administrative  
G- Operational Error  
H- Other  

**METHOD**  
1- Manual  
2- Manual Scram  
3- Auto Scram  
4- Continued  
5- Reduced Load  
9- Other  

**SYSTEM**  
IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F  

**COMPONENT**  
IEEE Standard  
805A-1983 and/or  
NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

- **LOCATION**
  - **STATE**................. NEW YORK
  - **COUNTY**................. WESTCHESTER

- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.** 24 MI N OF NEW YORK CITY, NY

- **TYPE OF REACTOR**........... PWR

- **DATE INITIAL CRITICALITY**..... MAY 22, 1973

- **DATE INITIAL ELECTRICITY**..... JUNE 26, 1973

- **DATE COMMERCIAL OPERATE**..... AUGUST 01, 1974

- **CONDENSER COOLING METHOD**...... ONCE THRU

- **CONDENSER COOLING WATER**...... HUDSON RIVER

**ELECTRIC RELIABILITY COUNCIL**

**UTILITY & CONTRACTOR INFORMATION**

- **UTILITY**
  - **LICENSEE**................. CONSOLIDATED EDISON CO. OF N.Y.
  - **CORPORATE ADDRESS**........ 4 IRVING PLACE
                                      NEW YORK, NEW YORK 10017

- **CONTRACTOR**
  - **ARCHITECT/ENGINEER**......... UNITED ENG. & CONSTRUCTORS
  - **NUC STEAM SYS SUPPLIER**...... WESTINGHOUSE
  - **CONSTRUCTOR**.................. WESTINGHOUSE DEVELOPMENT CORP
  - **TURBINE SUPPLIER**............. WESTINGHOUSE

- **REGULATORY INFORMATION**
  - **IE REGION RESPONSIBLE**......... 1
  - **IE RESIDENT INSPECTOR**......... GORDON K. HUNEGS
  - **LICENSING PROJ MANAGER**........ FRANCIS J. WILLIAMS
  - **DOCKET NUMBER**................. 50-247
  - **LICENSE & DATE ISSUANCE**........ DPR 026, SEPTEMBER 28, 1973
1. Docket: 50-286

2. Reporting Period: DECEMBER 1994
3. Outage + On-Line Hrs: 744.0

3. Utility Contact: T. ORLANDO (914) 736-8340

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

13. Hours Reactor Critical

14. Rx Reserve Shutdown Hrs

15. Hrs Generator On-Line

16. Unit Reserve ShUTDOWN Hrs

17. Gross Therm Ener (MWh)

18. Gross Elec Ener (MWh)

19. Net Elec Ener (MWh)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date: 02/17/95

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>02/27/93</td>
<td>F</td>
<td>744.0</td>
<td>B</td>
<td>4</td>
<td>93005</td>
<td>IE</td>
<td>INSTRU</td>
<td>THE UNIT WAS REMOVED FROM SERVICE IN ORDER TO PERFORM TESTING ON THE PLANT'S AMSAC SYSTEM.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 6: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 805A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

LOCATION

STATE ...................... NEW YORK
COUNTY ...................... WESTCHESTER

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 24 MI N OF NEW YORK CITY, NY

TYPE OF REACTOR .............. PWR

DATE INITIAL CRITICALITY ...... APRIL 06, 1976
DATE INITIAL ELECTRICITY ...... APRIL 27, 1976
DATE COMMERCIAL OPERATE ...... AUGUST 30, 1976

CONDENSER COOLING METHOD ...... ONCE THRU
CONDENSER COOLING WATER ...... HUDSON RIVER

ELECTRIC RELIABILITY COUNCIL .............. NORTHEASTERN POWER COORDINATION COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

UTILITY

LICENSEE ...................... NEW YORK POWER AUTHORITY
CORPORATE ADDRESS .......... 10 COLUMBUS CIRCLE
NEW YORK, NEW YORK 10019

CONTRACTOR

ARCHITECT/ENGINEER ......... UNITED ENG. & CONSTRUCTORS
NUC STEAM SYS SUPPLIER .... WESTINGHOUSE
CONSTRUCTOR ............... WESTINGHOUSE DEVELOPMENT CORP
TURBINE SUPPLIER ......... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE .......... 1
IE RESIDENT INSPECTOR ........ DAVID LEW
/licensing proj manager .......... NICOLA F. CONICELLA
DOCKET NUMBER .............. 50-286
LICENSE & DATE ISSUANCE ........ DPR 064, APRIL 05, 1976
1. Docket: 50-305

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact:  M. L. ANDERSON (414) 388-2560 EXT. 2653

4. Licensed Thermal Power (MWe):  1650

5. Nameplate Rating (Gross MWe):  560

6. Design Electrical Rating (Net MWe):  535

7. Maximum Dependable Capacity (Gross MWe):  537

8. Maximum Dependable Capacity (Net MWe):  511

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
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<td>13</td>
<td>744.0</td>
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</tr>
<tr>
<td>25</td>
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<td>0.0</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, APRIL 1, 1995, 40 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
F: Forced  
S: Scheduled  

**REASON**
A-Equipment Failure  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error  
H-Other  

**METHOD**
1-Manual  
2-Manual Scram  
3-Auto Scram  
4-Continued  
5-Reduced Load  
6-Other  

**SYSTEM**
IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F  

**COMPONENT**
IEEE Standard  
803A-1983 and/or  
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.................... WISCONSIN
COUNTY.................... KEWAUNEE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 27 MI E OF GREEN BAY, WI

TYPE OF REACTOR............ PWR
DATE INITIAL CRITICALITY..... MARCH 07, 1974
DATE INITIAL ELECTRICITY..... APRIL 08, 1974
DATE COMMERCIAL OPERATE..... JUNE 16, 1974
CONDENSER COOLING METHOD..... ONE THRU
CONDENSER COOLING WATER..... LAKE MICHIGAN
ELECTRIC RELIABILITY COUNCIL................ MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... WISCONSIN PUBLIC SERVICE CORP.
CORPORATE ADDRESS........... P.O. BOX 19002 GREEN BAY, WISCONSIN 54307

CONTRACTOR
ARCHITECT/ENGINEER........... PUBLIC SERVICES AND GAS COMPANY
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR.................. PUBLIC SERVICES AND GAS COMPANY
TURBINE SUPPLIER............ WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE......... 3
IE RESIDENT INSPECTOR........ JAMES HELLER
LICENSING PROJ MANAGER....... R. J. LAUFER
DOCKET NUMBER............... 50-305
LICENSE & DATE ISSUANCE..... DPR 043, DECEMBER 21, 1973
1. Docket: 50-373

2. Reporting Period: DECEMBER 1994

3. Utility Contact: M. J. CIALKOWSKI (815) 357-6761 EXT. 2427

4. Licensed Thermal Power (MWt): 3323

5. Nameplate Rating (Gross MWe): 1146

6. Design Electrical Rating (Net MWe): 1078

7. Maximum Dependable Capacity (Gross MWe): 1146

8. Maximum Dependable Capacity (Net MWe): 1036

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe): 

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>POWER</th>
<th>DAY</th>
<th>POWER</th>
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<td>16</td>
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<td></td>
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<td>23</td>
<td>1042</td>
</tr>
</tbody>
</table>

12. Report Period Hrs 744.0

13. Hours Reactor Critical 570.3

14. Rx Reserve Shdown Hrs 0.0

15. Hrs Generator On-Line 538.4

16. Unit Reserve Shdown Hrs 0.0

17. Gross Therm Ener (MWH) 1,603,693.0

18. Gross Elec Ener (MWH) 525,061.0

19. Net Elec Ener (MWH) 505,918.0

20. Unit Service Factor 72.4

21. Unit Avail Factor 72.4

22. Unit Cap Factor (MDC Net) 65.6

23. Unit Cap Factor (DER Net) 63.1

24. Unit Forced Outage Rate 27.6

25. Forced Outage Hours 205.6

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>12/12/94</td>
<td>F</td>
<td>126.8</td>
<td>A</td>
<td>3</td>
<td>94015</td>
<td></td>
<td></td>
<td>REACTOR SCRAM DUE TO GROUP I ISOLATION DURING A MAIN STEAM HIGH FLOW SWITCH SURVEILLANCE.</td>
</tr>
<tr>
<td>9</td>
<td>12/19/94</td>
<td>F</td>
<td>78.8</td>
<td>A</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>MANUAL REACTOR SHUTDOWN DUE TO PROBLEMS WITH THE ROD POSITION INDICATION SYSTEM.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
## FACILITY DESCRIPTION

<table>
<thead>
<tr>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STATE</strong></td>
<td>ILLINOIS</td>
</tr>
<tr>
<td><strong>COUNTY</strong></td>
<td>LA SALLE</td>
</tr>
<tr>
<td><strong>DIST AND DIRECTION FROM</strong></td>
<td>11 MI SE OF OTTAWA, IL</td>
</tr>
<tr>
<td><strong>TYPE OF REACTOR</strong></td>
<td>BWR</td>
</tr>
<tr>
<td><strong>DATE INITIAL CRITICALITY</strong></td>
<td>JUNE 21, 1982</td>
</tr>
<tr>
<td><strong>DATE INITIAL ELECTRICITY</strong></td>
<td>SEPTEMBER 04, 1982</td>
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<tr>
<td><strong>DATE COMMERCIAL OPERATE</strong></td>
<td>JANUARY 01, 1984</td>
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<td><strong>CONDENSER COOLING METHOD</strong></td>
<td>POND</td>
</tr>
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<td><strong>CONDENSER COOLING WATER</strong></td>
<td>RESERVOIR</td>
</tr>
<tr>
<td><strong>ELECTRIC RELIABILITY COUNCIL</strong></td>
<td>MID-AMERICA INTERPOOL NETWORK</td>
</tr>
</tbody>
</table>

## FACILITY DATA

**UTILITY & CONTRACTOR INFORMATION**

<table>
<thead>
<tr>
<th>Utility</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LICENSEE</strong></td>
<td>COMMONWEALTH EDISON CO.</td>
</tr>
<tr>
<td><strong>CORPORATE ADDRESS</strong></td>
<td>1400 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ARCHITECT/ENGINEER</strong></td>
<td>SARGENT &amp; LUNDY</td>
</tr>
<tr>
<td><strong>NUC STEAM SYS SUPPLIER</strong></td>
<td>GENERAL ELECTRIC</td>
</tr>
<tr>
<td><strong>CONSTRUCTOR</strong></td>
<td>COMMONWEALTH EDISON</td>
</tr>
<tr>
<td><strong>TURBINE SUPPLIER</strong></td>
<td>GENERAL ELECTRIC</td>
</tr>
</tbody>
</table>

## REGULATORY INFORMATION

| IE REGION RESPONSIBLE         | 3                                                                        |
| IE RESIDENT INSPECTOR        | PHILIP BROCKMAN                                                         |
| LICENSING PROJ MANAGER       | WILLIAM D. RECKLEY                                                      |
| DOCKET NUMBER                | 50-373                                                                  |
| LICENSE & DATE ISSUANCE      | NPF 011, AUGUST 13, 1982                                                 |
1. Docket: 50-374

2. Reporting Period: DECEMBER 1994

3. Utility Contact: M. J. CIALKOWSKI (815) 357-6761 EXT. 2427

4. Licensed Thermal Power (MWe): 3323

5. Nameplate Rating (Gross MWe): 1146

6. Design Electrical Rating (Net MWe): 1078

7. Maximum Dependable Capacity (Gross MWe): 1146

8. Maximum Dependable Capacity (Net MWe): 1036

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs | 744.0 | 8,760.0 | 89,424.0

13. Hours Reactor Critical | 744.0 | 8,282.4 | 65,208.1

14. Rx Reserve Shdwn Hrs | 0.0 | 0.0 | 1,716.9

15. Hrs Generator On-Line | 744.0 | 8,183.2 | 63,985.9

16. Unit Reserve Shdwn Hrs | 0.0 | 0.0 | 0.0

17. Gross Therm Ener (MWh) | 2,417,108.0 | 23,651,475.0 | 193,751,928.2

18. Gross Elec Ener (MWh) | 826,694.0 | 8,703,929.0 | 64,688,569.0

19. Net Elec Ener (MWh) | 801,611.0 | 8,428,871.0 | 62,184,762.0

20. Unit Service Factor | 100.0 | 92.5 | 71.6

21. Unit Avail Factor | 100.0 | 92.5 | 71.6

22. Unit Cap Factor (MDC Net) | 104.0 | 92.9 | 67.1

23. Unit Cap Factor (DER Net) | 99.9 | 89.3 | 64.5

24. Unit Forced Outage Rate | 0.0 | 4.4 | 10.6

25. Forced Outage Hours | 0.0 | 374.5 | 7,576.2

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

REFUELING OUTAGE, FEBRUARY 18, 1995, 13 WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Report Period:** DECEMBER 1994  
**Unit Shutdowns and Power Reductions**

---

**Type**  
- F: Forced  
- S: Scheduled

**Reason**  
- A: Equipment Failure  
- B: Maintenance or Test  
- C: Refueling  
- D: Regulatory Restriction  
- E: Operator Training & License Examination  
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- G: Operational Error  
- H: Other

**Method**  
- 1: Manual  
- 2: Manual Scram  
- 3: Auto Scram  
- 4: Continued  
- 5: Reduced Load  
- 9: Other

**System**  
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**Component**  
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
REPORT PERIOD DECEMBER 1994

FACILITY DESCRIPTION

LOCATION
STATE... ILLINOIS
COUNTY......... LA SALLE
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 11 MI SE OF OTTAWA, IL

TYPE OF REACTOR............. BWR
DATE INITIAL CRITICALITY..... MARCH 10, 1984
DATE INITIAL ELECTRICITY..... APRIL 20, 1984
DATE COMMERCIAL OPERATE..... JUNE 19, 1984

CONDENSER COOLING METHOD..... POND
CONDENSER COOLING WATER...... RESERVOIR
ELECTRIC RELIABILITY COUNCIL........ MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................ COMMONWEALTH EDISON CO.
CORPORATE ADDRESS........... 1400 OPUS PL., OPUS WEST III
                           SUITE 300
                           DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR
ARCHITECT/ENGINEER.......... SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...... GENERAL ELECTRIC
CONSTRUCTOR.................. COMMONWEALTH EDISON
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 3
IE RESIDENT INSPECTOR........ PHILIP BROCKMAN
LICENSING PROJ MANAGER........ WILLIAM D. RECKLEY
DOCKET NUMBER................ 50-374
LICENSE & DATE ISSUANCE....... NPF 018, MARCH 23, 1984
1. Docket: 50-352  

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. Utility Contact: STEVEN J. KELLEY (610) 718-3763

4. Licensed Thermal Power (MWt):
   3293

5. Nameplate Rating (Gross MWte):
   1138

6. Design Electrical Rating (Net MWte):
   1055

7. Maximum Dependable Capacity (Gross MWte):
   1092

8. Maximum Dependable Capacity (Net MWte):
   1055

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWte):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
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<tr>
<td>13. Hours Reactor Critical</td>
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<td>7,909.2</td>
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<tr>
<td>14. Rx Reserve Shtdm Hrs</td>
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<td>15. Hrs Generator On-Line</td>
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<td>16. Unit Reserve Shtdm Hrs</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or 803A-1983
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- **STATE**: PENNSYLVANIA
- **COUNTY**: MONTGOMERY

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 21 MI NW OF PHILADELPHIA, PA

**TYPE OF REACTOR**: BWR

**DATE INITIAL CRITICALITY**: DECEMBER 22, 1984

**DATE INITIAL ELECTRICITY**: APRIL 13, 1985

**DATE COMMERCIAL OPERATE**: FEBRUARY 01, 1986

**CONDENSER COOLING METHOD**: COOLING TOWER

**CONDENSER COOLING WATER**: SCHUYLKILL RIVER

**ELECTRIC RELIABILITY COUNCIL**: MID-ATLANTIC AREA COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

<table>
<thead>
<tr>
<th>UTILITY</th>
<th>CONTRACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>LICENSEE: PECO ENERGY COMPANY</td>
<td>ARCHITECT/ENGINEER: BECHTEL</td>
</tr>
<tr>
<td>CORPORATE ADDRESS: 2301 MARKET STREET, PHILADELPHIA, PENNSYLVANIA 19154</td>
<td>NUC STEAM SYS SUPPLIER: GENERAL ELECTRIC</td>
</tr>
<tr>
<td>CONSTRUCTION: BECHTEL</td>
<td>CONSTRUCTOR: BECHTEL</td>
</tr>
<tr>
<td>TURBINE SUPPLIER: GENERAL ELECTRIC</td>
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</tr>
</tbody>
</table>

**REGULATORY INFORMATION**

- **IE REGION RESPONSIBLE**: 1
- **IE RESIDENT INSPECTOR**: NEIL PERRY
- **LICENSING PROJ MANAGER**: FRANK RINALDI
- **DOCKET NUMBER**: 50-352
- **LICENSE & DATE ISSUANCE**: NPF 039, AUGUST 08, 1985
1. Docket: 50-353

2. Reporting Period: DECEMBER 1994

3. Utility Contact: STEVEN J. KELLEY (610) 718-3763

4. Licensed Thermal Power (MWe): 3293

5. Nameplate Rating (Gross MWe): 1138

6. Design Electrical Rating (Net MWe): 1055

7. Maximum Dependable Capacity (Gross MWe): 1092

8. Maximum Dependable Capacity (Net MWe): 1055

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
<td></td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):


27. If Currently Shutdown, Estimated Startup Date:

   Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
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<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<td>REACTOR POWER WAS REDUCED FOR H.C.U. MAINTENANCE.</td>
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**TYPE**
F: Forced
S: Scheduled

**REASON**
A-Equipment Failure
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error
H-Other

**METHOD**
1-Manual
2-Manual Scram
3-Auto Scram
4-Continued
5-Reduced Load
9-Other

**SYSTEM**
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard 805A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... PENNSYLVANIA
COUNTY...................... MONTGOMERY
DIST AND DIRECTION FROM NEAREST POPULATION CTR. 21 MI NW OF PHILADELPHIA, PA

TYPE OF REACTOR............... BWR
DATE INITIAL CRITICALITY..... AUGUST 12, 1989
DATE INITIAL ELECTRICITY...... SEPTEMBER 01, 1989
DATE COMMERCIAL OPERATE...... JANUARY 08, 1990

CONDENSER COOLING METHOD..... COOLING TOWER
CONDENSER COOLING WATER...... SCHUYLKILL RIVER
ELECTRIC RELIABILITY COUNCIL.. MID-ATLANTIC AREA COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE....................... PECO ENERGY COMPANY
CORPORATE ADDRESS............. 2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19154

CONTRACTOR
ARCHITECT/ENGINEER............ BECHTEL
NUC STEAM SYS SUPPLIER....... GENERAL ELECTRIC
CONSTRUCTOR...................... BECHTEL
TURBINE SUPPLIER.............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 1
IE RESIDENT INSPECTOR........... NEIL PERRY
LICENSING PROJ MANAGER........ FRANK RINALDI
DOCKET NUMBER.................... 50-353
LICENSE & DATE ISSUANCE........ NPF 085, AUGUST 25, 1989
1. Docket: 50-309

1. Docket: 50-309

2. Reporting Period: DECEMBER 1994

Outage + On-Line Hrs: 744.0

3. Utility Contact: S. J. BAILEY (207) 798-6241

4. Licensed Thermal Power (MWe): 2700

5. Nameplate Rating (Gross MWe): 920

6. Design Electrical Rating (Net MWe): 870

7. Maximum Dependable Capacity (Gross MWe): 900

8. Maximum Dependable Capacity (Net MWe): 860

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shutoff Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shutoff Hrs 0.0

17. Gross Therm Ener (MWH): 2,008,346.0

18. Gross Elec Ener (MWH): 681,036.0

19. Net Elec Ener (MWH): 651,707.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 101.9

23. Unit Cap Factor (DER Net) 100.7

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, FEBRUARY 25, 1995, EIGHT WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT SERVICE, AVAILABILITY, AND CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH DATA SINCE INITIAL PHASE. CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
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<th>Hours</th>
<th>Reason</th>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**

- **STATE**................. MAINE
- **COUNTY**.................. LINCOLN

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**..... 10 MI N OF BATH, ME

**TYPE OF REACTOR**.............. PWR

**DATE INITIAL CRITICALITY**..... OCTOBER 23, 1972

**DATE INITIAL ELECTRICITY**.... NOVEMBER 08, 1972

**DATE COMMERCIAL OPERATE**..... DECEMBER 28, 1972

**CONDENSER COOLING METHOD**...... ONCE THRU

**CONDENSER COOLING WATER**...... BACK RIVER

**ELECTRIC RELIABILITY COUNCIL**................. NORTHEASTERN POWER COORDINATION COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**

- **LICENSEE**.................. MAINE YANKEE ATOMIC POWER CO.
- **CORPORATE ADDRESS**........ 83 EDISON DRIVE
  AUGUSTA, MAINE 04330

**CONTRACTOR**

- **ARCHITECT/ENGINEER**........ STONE & WEBSTER
- **NUC STEAM SYS SUPPLIER**..... COMBUSTION ENGINEERING
- **CONSTRUCTOR**................. STONE & WEBSTER
- **TURBINE SUPPLIER**............ WESTINGHOUSE

**REGULATORY INFORMATION**

- **IE REGION RESPONSIBLE**...... 1
- **IE RESIDENT INSPECTOR**....... JIMI YEROKUN
- **LICENSE & DATE ISSUANCE**..... DPR 036, JUNE 29, 1973
1. Docket: 50-369

2. Reporting Period: DECEMBER 1994

3. Utility Contact: R. A. WILLIAMS (704) 382-5346

4. Licensed Thermal Power (Mw): 3411

5. Nameplate Rating (Gross Mw): 1305

6. Design Electrical Rating (Net Mwe): 1180

7. Maximum Dependable Capacity (Gross Mwe): 1171

8. Maximum Dependable Capacity (Net Mwe): 1129

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net Mwe): 

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shtdw Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shtdw Hrs 0.0

17. Gross Therm Ener (MWH) 2,532,823.0

18. Gross Elec Ener (MWH) 845,036.0

19. Net Elec Ener (MWH) 6,873,218.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 100.6

23. Unit Cap Factor (DER Net) 96.3

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... NORTH CAROLINA
COUNTY...................... MECKLENBURG
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17 MI S OF CHARLOTTE, NC

TYPE OF REACTOR............... PWR
DATE INITIAL CRITICALITY...... AUGUST 08, 1981
DATE INITIAL ELECTRICITY...... SEPTEMBER 12, 1981
DATE COMMERCIAL OPERATE...... DECEMBER 01, 1981
CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER...... LAKE NORMAN
ELECTRIC RELIABILITY COUNCIL................. SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE........................ DUKE POWER CO.
CORPORATE ADDRESS............ 422 SOUTH CHURCH STREET CHARLOTTE, NORTH CAROLINA 28242

CONTRACTOR
ARCHITECT/ENGINEER............. DUKE POWER
NUC STEAM SYS SUPPLIER...... WESTINGHOUSE
CONSTRUCTOR.................... DUKE POWER
TURBINE SUPPLIER.............. WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE......... 2
IE RESIDENT INSPECTOR........... GEORGE MAXWELL
LICENSING PROJ MANAGER........ VICTOR NERSES
DOCKET NUMBER.................. 50-369
LICENSE & DATE ISSUANCE........ NPF 009, JULY 08, 1981
1. **Docket:** 50-370

2. **Reporting Period:** DECEMBER 1994, **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** R. A. WILLIAMS (704) 382-5346

4. **Licensed Thermal Power (MWt):** 3411

5. **Nameplate Rating (Gross MWt):** 1305

6. **Design Electrical Rating (Net MWt):** 1180

7. **Maximum Dependable Capacity (Gross MWt):** 1171

8. **Maximum Dependable Capacity (Net MWt):** 1129

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWt):**

11. **Reasons For Restrictions, If Any:**

12. **Report Period Hrs:** 744.0, **Cumulative Hrs:** 94,992.0

13. **Hours Reactor Critical:** 0.0, **Cumulative Hrs:** 73,552.8

14. **Rx Reserve Shtdm Hrs:** 0.0, **Cumulative Hrs:** 0.0

15. **Hrs Generator On-Line:** 0.0, **Cumulative Hrs:** 72,584.8

16. **Unit Reserve Shtdm Hrs:** 0.0, **Cumulative Hrs:** 0.0

17. **Gross Therm Ener (MWH):** 0.0, **Cumulative Ener:** 237,845,414.0

18. **Gross Elec Ener (MWH):** 0.0, **Cumulative Ener:** 83,047,598.0

19. **Net Elec Ener (MWH):** (3,730.0), **Cumulative Ener:** 79,622,346.0

20. **Unit Service Factor:** 0.0, **Cumulative Factor:** 76.4

21. **Unit Avail Factor:** 0.0, **Cumulative Factor:** 76.4

22. **Unit Cap Factor (MDC Net):** 0.0, **Cumulative Factor:** 73.4

23. **Unit Cap Factor (DER Net):** 0.0, **Cumulative Factor:** 71.0

24. **Unit Forced Outage Rate:** 0.0, **Cumulative Outage:** 6.6

25. ** Forced Outage Hours:** 0.0, **Cumulative Hours:** 5,160.4

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

27. **If Currently Shutdown, Estimated Startup Date:** 01/12/95

Notes:

*CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.*
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
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<th>Cause and Corrective Action To Prevent Recurrence</th>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
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<td>SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL</td>
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<td><strong>Utility</strong></td>
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1. Docket: 50-245

OPERATING STATUS

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: G. NEUBURCH (203) 447-1791 EXT. 5730

4. Licensed Thermal Power (MWt): 2011

5. Nameplate Rating (Gross MW): 662

6. Design Electrical Rating (Net MW): 660

7. Maximum Dependable Capacity (Gross MW): 670

8. Maximum Dependable Capacity (Net MW): 641

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW): 

11. Reasons For Restrictions, If Any: 

12. Report Period Hrs

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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
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<tr>
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**Type of Reactor**

- BWR

**Date Initial Criticality**

- October 26, 1970

**Date Initial Electricity**

- November 29, 1970

**Date Commercial Operate**

- March 1, 1971

**Condenser Cooling Method**

- Once Thru

**Condenser Cooling Water**

- Long Island Sound

**Electric Reliability Council**

- Northeastern Power Coordination Council

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**Utility & Contractor Information**

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<tr>
<th>Utility</th>
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<tbody>
<tr>
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**Corporate Address**

- P.O. Box 270
- Hartford, Connecticut 06141 0270

<table>
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<tr>
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**Regulatory Information**

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**Docket Number**

- 50-245

**License & Date Issuance**

- DPR 021, October 26, 1970
1. Docket: 50-336

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: R. BORCHERT (203) 447-1791 EXT. 4418

4. Licensed Thermal Power (MWe): 2700

5. Nameplate Rating (Gross MWe): 909

6. Design Electrical Rating (Net MWe): 870

7. Maximum Dependable Capacity (Gross MWe): 903

8. Maximum Dependable Capacity (Net MWe): 873

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

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13. Hours Reactor Critical

14. Rx Reserve Shtdwn Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shtdwn Hrs

17. Gross Therm Ener (MWH)

18. Gross Elec Ener (MWH)

19. Net Elec Ener (MWH)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
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<th>No.</th>
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### Operating Status

**Docket:** 50-423

**Reporting Period:** DECEMBER 1994

**Outage + On-Line Hrs:** 744.0

**Utility Contact:** I. R. Hudon (203) 444-5400

**Licensed Thermal Power (MWt):**

**Nameplate Rating (Gross MWe):**

**Design Electrical Rating (Net MWe):**

**Maximum Dependable Capacity (Gross MWe):**

**Maximum Dependable Capacity (Net MWe):**

**If Changes Occurred Above Since Last Report, Give Reasons:**

**Power Level To Which Restricted, If Any (Net MWe):**

**Reasons For Restrictions, If Any:**

**Report Period Hrs**

<table>
<thead>
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<th>MONTH</th>
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**AVERAGE DAILY POWER LEVEL (Net MWe)**

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**Shutdoms Scheduled Over Next Six Months (Type, Date, Duration):**

- **REFUELING OUTAGE, APRIL 8, 1995, 54 DAYS.**

**If Currently Shutdown, Estimated Startup Date:**

**Notes:**

- **CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.**
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<tr>
<th>No.</th>
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<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative Error
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
<table>
<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tr>
<td><strong>LOCATION</strong></td>
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<tr>
<td>COUNTY</td>
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<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR....</td>
<td>3.2 MI ENE OF NEW LONDON, CT</td>
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<td>PWR</td>
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<tr>
<td>DATE INITIAL CRITICALITY</td>
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<tr>
<td>NUC STEAM SYS SUPPLIER</td>
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<td>CONSTRUCTOR</td>
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<td>TURBINE SUPPLIER</td>
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<td>IE RESIDENT INSPECTOR</td>
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<td>LICENSING PROJ MANAGER</td>
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<td>DOCKET NUMBER</td>
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<td>LICENSE &amp; DATE ISSUANCE</td>
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</tbody>
</table>
1. Docket: 50-263  

OPERATING STATUS

2. Reporting Period: DECEMBER 1994  
Outage + On-Line Hrs: 744.0

3. Utility Contact: H. H. PAUSTIAN (612) 295-5151

4. Licensed Thermal Power (MWt): 1670

5. Nameplate Rating (Gross MW): 569

6. Design Electrical Rating (Net MW): 545

7. Maximum Dependable Capacity (Gross MW): 564

8. Maximum Dependable Capacity (Net MW): 536

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW): 

11. Reasons For Restrictions, If Any:

12. Report Period Hrs  
MONTH | YEAR | CUMULATIVE
744.0 | 8,760.0 | 206,041.0

13. Hours Reactor Critical  
669.3 | 7,624.2 | 166,999.9

14. Rx Reserve Shutdown Hrs  
0.0 | 0.0 | 940.7

15. Hrs Generator On-Line  
642.2 | 7,510.2 | 164,110.9

16. Unit Reserve Shutdown Hrs  
0.0 | 0.0 | 0.0

17. Gross Therm Ener (MWH)  
1,060,277.0 | 12,221,672.0 | 253,486,652.0

18. Gross Elec Ener (MWH)  
364,345.0 | 4,128,815.0 | 85,683,478.0

19. Net Elec Ener (MWH)  
350,970.0 | 3,956,317.0 | 81,975,110.0

20. Unit Service Factor  
86.3 | 85.7 | 79.6

21. Unit Avail Factor  
86.3 | 85.7 | 79.6

22. Unit Cap Factor (MDC Net)  
88.0 | 84.3 | 74.2

23. Unit Cap Factor (DER Net)  
86.6 | 82.9 | 73.0

24. Unit Forced Outage Rate  
3.9 | 2.9 | 3.6

25. Forced Outage Hours  
26.0 | 220.7 | 6,073.3

AVERAGE DAILY POWER LEVEL (Net MWe)

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<tr>
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<th>DAY</th>
<th>POWER</th>
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<td>554</td>
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<td>557</td>
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<td>-5</td>
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<tr>
<td>4</td>
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</tr>
<tr>
<td></td>
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<td>31</td>
<td>555</td>
</tr>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>7</td>
<td>12/17/94</td>
<td>S</td>
<td>75.8</td>
<td>B</td>
<td>2</td>
<td>AD SEAL</td>
<td></td>
<td>Seal</td>
<td>MAINTENANCE OUTAGE TO REPLACE REACTOR RECIRC PUMP SEAL.</td>
</tr>
<tr>
<td>7</td>
<td>12/20/94</td>
<td>F</td>
<td>26.0</td>
<td>B</td>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td>RHR/SPCI TESTABLE CHECK VALVE LEAKAGE REPAIRS EXTENDED OUTAGE BEYOND RECIRC PUMP REPAIRS.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A-Equipment Failure
- B-Maintenance or Test
- C-Refuelling
- D-Regulatory Restriction
- E-Operator Training & License Examination
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**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard
- B05-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- B03A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. MINNESOTA
COUNTY................. WRIGHT
DIST AND DIRECTION FROM NEAREST POPULATION CTR.... 30 MI NW OF MINNEAPOLIS, MN

TYPE OF REACTOR.............. BWR
DATE INITIAL CRITICALITY...... DECEMBER 10, 1970
DATE INITIAL ELECTRICITY...... MARCH 05, 1971
DATE COMMERCIAL OPERATE...... JUNE 30, 1971
CONDENSER COOLING METHOD..... COOLING TOWER
CONDENSER COOLING WATER...... MISSISSIPPI RIVER
ELECTRIC RELIABILITY COUNCIL............... MID-CONTINENT AREA RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... NORTHERN STATES POWER CO.
CORPORATE ADDRESS........... 414 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

CONTRACTOR
ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR............... BECHTEL
TURBINE SUPPLIER.......... GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE............. 3
IE RESIDENT INSPECTOR......... STEVEN P. RAY
LICENSING PROJ MANAGER....... BETH A. WETZEL
DOCKET NUMBER................. 50-263
LICENSE & DATE ISSUANCE...... DPR 022, SEPTEMBER 08, 1970
1. **Docket:** 50-220

2. **Reporting Period:** DECEMBER 1994
   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** D. E. COLEMAN (315) 349-2558

4. **Licensed Thermal Power (MWe):** 1850

5. **Nameplate Rating (Gross MWe):** 642

6. **Design Electrical Rating (Net MWe):** 613

7. **Maximum Dependable Capacity (Gross MWe):** 584

8. **Maximum Dependable Capacity (Net MWe):** 565

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

### Average Daily Power Level (Net MWe)

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12. **Report Period Hrs**

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13. **Hours Reactor Critical**

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14. **Rx Reserve Shtdown Hrs**

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15. **Hrs Generator On-Line**

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16. **Unit Reserve Shtdown Hrs**

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17. **Gross Therm Ener (MWH)**

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18. **Gross Elec Ener (MWH)**

<table>
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19. **Net Elec Ener (MWH)**

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<td>77,880,755.0</td>
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20. **Unit Service Factor**

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21. **Unit Avail Factor**

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<tr>
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<td>95.8</td>
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22. **Unit Cap Factor (MDC Net)**

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<td>99.4</td>
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23. **Unit Cap Factor (DER Net)**

<table>
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<th>YEAR</th>
<th>CUMULATIVE</th>
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24. **Unit Forced Outage Rate**

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25. **Forced Outage Hours**

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26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

REFUELING OUTAGE, FEBRUARY 11, 1995, 40 DAYS.

27. **If Currently Shutdown, Estimated Startup Date:**

Notes:

**CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

- **TYPE:**
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  - S: Scheduled

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  - C: Refueling
  - D: Regulatory Restriction
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  - 2: Manual Scram
  - 3: Auto Scram
  - 4: Continued
  - 5: Reduced Load
  - 9: Other

- **SYSTEM:**
  - IEEE Standard
  - BOS-1984 and/or NUREG-0161 Exhibit F

- **COMPONENT:**
  - IEEE Standard
  - BOS-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE ...................... NEW YORK
COUNTY ..................... OSWEGO

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 6 MI NE OF OSWEGO, NY

TYPE OF REACTOR ............... BWR
DATE INITIAL CRITICALITY .... SEPTEMBER 05, 1969
DATE INITIAL ELECTRICITY ..... NOVEMBER 09, 1969
DATE COMMERCIAL OPERATE ..... DECEMBER 01, 1969
CONDENSER COOLING METHOD ...... ONCE THRU
CONDENSER COOLING WATER ...... LAKE ONTARIO
ELECTRIC RELIABILITY COUNCIL ............... NORTHEASTERN POWER COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE ....................... NIAGARA MOHAWK POWER CORP.
CORPORATE ADDRESS ............. 301 PLAINFIELD RD
SYRACUSE, NEW YORK 13212

CONTRACTOR
ARCHITECT/ENGINEER ............. NIAGARA MOHAWK POWER CORP.
NUC STEAM SYS SUPPLIER ..... GENERAL ELECTRIC
CONSTRUCTOR ................. STONE & WEBSTER
TURBINE SUPPLIER ............ GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE ............. 1
IE RESIDENT INSPECTOR .......... BARRY NORRIS
/licensing proj manager ........... DONALD S. BRINKMAN
DOCKET NUMBER .................. 50-220
LICENSE & DATE ISSUANCE .......... DPR 063, DECEMBER 26, 1974
1. Docket: 50-410

2. Reporting Period: DECEMBER 1994

3. Utility Contact: C. J. CAROCCIO (315) 349-4615

4. Licensed Thermal Power (MWe): 3323

5. Nameplate Rating (Gross MWe): 1214

6. Design Electrical Rating (Net MWe): 1062

7. Maximum Dependable Capacity (Gross MWe): 1056

8. Maximum Dependable Capacity (Net MWe): 994

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

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<tr>
<th>MONTH</th>
<th>YEAR</th>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

- REFUELING OUTAGE, APRIL 8, 1995, 51 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tbody>
<tr>
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<td>12/09/94</td>
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<td>241.6</td>
<td>A</td>
<td>2</td>
<td>94007</td>
<td>CHS</td>
<td>2CHS*H</td>
<td>HIGH DRYWELL LEAKAGE. HIGH PRESSURE CORE SPRAY BLOCKING VALVE 2CHS*HCV120 WAS REPACKED AND BACKSEATED.</td>
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<td>12/21/94</td>
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<td></td>
<td>REDUCED REACTOR POWER TO SWAP FEEDWATER PUMPS DUE TO MALFUNCTION OF FEEDWATER FLOW CONTROL VALVE 2FW6-LV10S.</td>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- STATE: NEW YORK
- COUNTY: OSWEGO

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 6 MI NE OF OSWEGO, NY

**TYPE OF REACTOR**
- BWR

**DATE INITIAL CRITICALITY**
- MAY 23, 1987

**DATE INITIAL ELECTRICITY**
- AUGUST 08, 1987

**DATE COMMERCIAL OPERATE**
- APRIL 05, 1988

**CONDENSER COOLING METHOD**
- COOLING TOWER

**CONDENSER COOLING WATER**
- LAKE ONTARIO

**ELECTRIC RELIABILITY COUNCIL**
- NORTHEASTERN POWER COORDINATION COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**
- LICENSEE: NIAGARA MOHAWK POWER CORP.
- CORPORATE ADDRESS: 301 PLAINFIELD RD
  SYRACUSE, NEW YORK 13212

**CONTRACTOR**
- ARCHITECT/ENGINEER: STONE & WEBSTER
- NUC STEAM SYS SUPPLIER: GENERAL ELECTRIC
- CONSTRUCTOR: STONE & WEBSTER
- TURBINE SUPPLIER: GENERAL ELECTRIC

**REGULATORY INFORMATION**
- IE REGION RESPONSIBLE: 1
- IE RESIDENT INSPECTOR: BARRY NORRIS
- LICENSING PROJ MANAGER: DONALD S. BRINKMAN
- DOCKET NUMBER: 50-410
- LICENSE & DATE ISSUANCE: NPF 069, JULY 02, 1987
1. **Docket:** 50-338  
   **OPERATING STATUS**

2. **Reporting Period:** DECEMBER 1994  
   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** J. A. STALL (703) 894-2101

4. **Licensed Thermal Power (MWt):** 2893

5. **Nameplate Rating (Gross MWe):** 994

6. **Design Electrical Rating (Net MWe):** 907

7. **Maximum Dependable Capacity (Gross MWe):** 948

8. **Maximum Dependable Capacity (Net MWe):** 900

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
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</tr>
</thead>
<tbody>
<tr>
<td>744.0</td>
<td>8,760.0</td>
<td>14,876.0</td>
</tr>
</tbody>
</table>

12. **Report Period Hrs** 744.0  
13. **Hours Reactor Critical** 744.0  
14. **Rx Reserve Shtdwn Hrs** 0.0  
15. **Hrs Generator On-Line** 744.0  
16. **Unit Reserve Shtdwn Hrs** 0.0  
17. **Gross Therm Ener (MWH)** 2,151,651.5  
18. **Gross Elec Ener (MWH)** 709,438.0  
19. **Net Elec Ener (MWH)** 675,974.0  
20. **Unit Service Factor** 100.0  
21. **Unit Avail Factor** 100.0  
22. **Unit Cap Factor (MDC Net)** 101.0  
23. **Unit Cap Factor (DER Net)** 100.2  
24. **Unit Forced Outage Rate** 0.0  
25. **Forced Outage Hours** 0.0  
26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

27. **If Currently Shutdn, Estimated Startup Date:**

**Notes:**

* CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
**Report Period** DECEMBER 1994  
**UNIT SHUTDOWNS AND POWER REDUCTIONS**

<table>
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<th>No.</th>
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<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. VIRGINIA
COUNTY............... LOUISA

DIST AND DIRECTION FROM
NEAREST POPULATION CTR.... 40 MI NW OF RICHMOND, VA

TYPE OF REACTOR........... PWR

DATE INITIAL CRITICALITY...... APRIL 05, 1978
DATE INITIAL ELECTRICITY...... APRIL 17, 1978
DATE COMMERCIAL OPERATE..... JUNE 06, 1978

CONDENSER COOLING METHOD.... ONCE THRU
CONDENSER COOLING WATER..... LAKE ANNA

ELECTRIC RELIABILITY
COUNCIL....................... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE............... VIRGINIA ELECTRIC & POWER CO.
CORPORATE ADDRESS....... P.O. BOX 26666
RICHMOND, VIRGINIA 23261

CONTRACTOR
ARCHITECT/ENGINEER....... STONE & WEBSTER
NUC STEAM SYS SUPPLIER... WESTINGHOUSE
CONSTRUCTOR.............. STONE & WEBSTER
TURBINE SUPPLIER......... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE...... 2
IE RESIDENT INSPECTOR..... RICHARD MCWHORTER
LICENSING PROJ MANAGER.... LEON B. ENGLE
DOCKET NUMBER............. 50-338
LICENSE & DATE ISSUANCE.... NPF 004, APRIL 01, 1978
1. Docket: 50-339  

2. Reporting Period: DECEMBER 1994  
Outage + On-Line Hrs: 744.0

3. Utility Contact: J. A. STALL (703) 894-2101

4. Licensed Thermal Power (MWe): 2893

5. Nameplate Rating (Gross MWe): 979

6. Design Electrical Rating (Net MWe): 907

7. Maximum Dependable Capacity (Gross MWe): 935

8. Maximum Dependable Capacity (Net MWe): 887

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs  
MONTH    YEAR    CUMULATIVE
744.0    8,760.0    123,144.0

13. Hours Reactor Critical  
744.0    8,559.9    102,933.4

14. Rx Reserve Shtdown Hrs  
0.0    95.7    6,508.9

15. Hrs Generator On-Line  
744.0    8,518.3    101,835.7

16. Unit Reserve Shtdown Hrs  
0.0    0.0    0.0

17. Gross Therm Ener (MWh)  
1,151,057.9    24,390,305.7    276,615,963.4

18. Gross Elec Ener (MWh)  
645,801.0    7,881,381.0    90,476,857.0

19. Net Elec Ener (MWh)  
662,029.0    7,490,267.0    86,539,968.0

20. Unit Service Factor  
100.0    97.2    82.7

21. Unit Avail Factor  
100.0    97.2    82.7

22. Unit Cap Factor (MDC Net)  
100.3    96.4    78.1

23. Unit Cap Factor (DER Net)  
98.1    94.3    77.5

24. Unit Forced Outage Rate  
0.0    2.8    5.4

25. Forced Outage Hours  
0.0    241.7    5,793.4

26.Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
REFUELING/STEAM GENERATOR REPLACEMENT OUTAGE, MARCH 25, 1995, 105 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
F: Forced  
S: Scheduled

**REASON**
A: Equipment Failure  
B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training & License Examination  
F: Administrative  
G: Operational Error  
H: Other

**METHOD**
1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**
IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard  
803A-1983 and/or  
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.................. VIRGINIA
COUNTY................ LOUISA
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 40 MI NW OF RICHMOND, VA

TYPE OF REACTOR............... PWR
DATE INITIAL CRITICALITY...... JUNE 12, 1980
DATE INITIAL ELECTRICITY...... AUGUST 25, 1980
DATE COMMERCIAL OPERATE....... DECEMBER 14, 1980
CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... LAKE ANNA

ELECTRIC RELIABILITY COUNCIL........................ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... VIRGINIA ELECTRIC & POWER CO.
CORPORATE ADDRESS........... P.O. BOX 26666
RICHLAND, VIRGINIA 23261

CONTRACTOR
ARCHITECT/ENGINEER......... STONE & WEBSTER
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR................ STONE & WEBSTER
TURBINE SUPPLIER............ WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE............ 2
IE RESIDENT INSPECTOR.......... RICHARD McWHORTER
LICENSING PROJ MANAGER........ LEON B. ENGLE
DOCKET NUMBER............... 50-339
LICENSE & DATE ISSUANCE....... NPF 007, AUGUST 21, 1980
1. Docket: 50-269

2. Reporting Period: DECEMBER 1994

3. Utility Contact: R. A. WILLIAMS (704) 382-5346

4. Licensed Thermal Power (MWe): 2568

5. Nameplate Rating (Gross MWe): 934

6. Design Electrical Rating (Net MWe): 886

7. Maximum Dependable Capacity (Gross MWe): 886

8. Maximum Dependable Capacity (Net MWe): 846

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TYPE

- **F**: Forced
- **S**: Scheduled

### REASON

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

### METHOD

- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

### SYSTEM

- IEEE Standard
- 805-1984 and/or 803A-1983
- NUREG-0161 Exhibit F

### COMPONENT

- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE...................... SOUTH CAROLINA

COUNTY..................... OCONEE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 30 MI W OF GREENVILLE, SC

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY...... APRIL 19, 1973

DATE INITIAL ELECTRICITY..... MAY 06, 1973

DATE COMMERCIAL OPERATE...... JULY 15, 1973

CONDENSER COOLING METHOD...... ONCE THRU

CONDENSER COOLING WATER....... LAKE KEOWEE

ELECTRIC RELIABILITY COUNCIL........ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..................... DUKE POWER CO.

CORPORATE ADDRESS........... 422 SOUTH CHURCH STREET
CHARLOTTE, NORTH CAROLINA 28242

CONTRACTOR

ARCHITECT/ENGINEER.......... DUKE & BECHTEL

NUC STEAM SYS SUPPLIER...... BABCOCK & WILCOX

CONSTRUCTOR................. DUKE POWER

TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 2

IE RESIDENT INSPECTOR........... PAUL HARMON

LICENSING PROJ MANAGER........... LEONARD A. WIENS

DOCKET NUMBER............... 50-269

LICENSE & DATE ISSUANCE...... DPR 038, FEBRUARY 06, 1973
1. Docket: 50-270

2. Reporting Period: DECEMBER 1994

3. Utility Contact: R. A. WILLIAMS (704) 382-5346

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

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<td>23.5</td>
<td>430.0</td>
</tr>
<tr>
<td>25.</td>
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</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
## Unit Shutdowns and Power Reductions

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>12/08/94</td>
<td>F</td>
<td>23.5</td>
<td>A</td>
<td>3</td>
<td>EC</td>
<td>CKTBKR</td>
<td>REACTOR/TURBINE TRIP DUE TO LOSS OF '2XI' BREAKER.</td>
<td></td>
</tr>
<tr>
<td>11-P</td>
<td>12/09/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>9</td>
<td>HB</td>
<td>HTEXCH</td>
<td>POWER HOLD TO INVESTIGATE '2A' MOISTURE SEPARATOR REHEATER PROBLEMS.</td>
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<tr>
<td>12-P</td>
<td>12/09/94</td>
<td>F</td>
<td>0.0</td>
<td>B</td>
<td>9</td>
<td>IA</td>
<td>INSTRU</td>
<td>POWER HOLD FOR NUCLEAR INSTRUMENTATION CALIBRATION CHECK.</td>
<td></td>
</tr>
</tbody>
</table>

### Table Notes

**Type:**
- F: Forced
- S: Scheduled

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

**Method:**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**System:**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**Component:**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
### Facility Description

**Location**
- **State:** South Carolina
- **County:** Oconee
- **Distance and Direction from Nearest Population Ctr.:** 30 Mi W of Greenville, SC

**Type of Reactor:** PWR

**Date Initial Criticality:** November 11, 1973

**Date Initial Electricity:** December 05, 1973

**Date Commercial Operate:** September 09, 1974

**Condenser Cooling Method:** Once Thru

**Condenser Cooling Water:** Lake Keowee

**Electric Reliability Council:** Southeastern Electric Reliability Council

### Utility & Contractor Information

**Utility**
- **Licensee:** Duke Power Co.
- **Corporate Address:** 422 South Church Street, Charlotte, North Carolina 28242

**Contractor**
- **Architect/Engineer:** Duke & Bechtel
- **Nucl Steam Sys Supplier:** Babcock & Wilcox
- **Constructor:** Duke Power
- **Turbine Supplier:** General Electric

### Regulatory Information

**IE Region Responsible:** 2

**IE Resident Inspector:** Paul Harmon

**Licensing Proj Manager:** Leonard A. Wiens

**Docket Number:** 50-270

**License & Date Issuance:** DPR 047, October 06, 1973
1. Docket: 50-287

2. Reporting Period: DECEMBER 1994

3. Utility Contact: R. A. WILLIAMS (704) 382-5346

4. Licensed Thermal Power (MWe): 2568

5. Nameplate Rating (Gross MWe): 934

6. Design Electrical Rating (Net MWe): 886

7. Maximum Dependable Capacity (Gross MWe): 886

8. Maximum Dependable Capacity (Net MWe): 846

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
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<tr>
<td>13. Hours Reactor Critical</td>
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<td>6,835.7</td>
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<tr>
<td>14. Rx Reserve Shtdw Hrs</td>
<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
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<td>16. Unit Reserve Shtdw Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<td>25. Forced Outage Hours</td>
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<td>620.7</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, JUNE 8, 1995, 45 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

   CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>S: Scheduled</td>
<td></td>
<td>B: Maintenance or Test</td>
<td>2-Manual Scram</td>
<td></td>
<td>805-1984 and/or</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>C: Refueling</td>
<td>3-Auto Scram</td>
<td></td>
<td>NUREG-0161 Exhibit F</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D: Regulatory Restriction</td>
<td>4-Continued</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E: Operator Training &amp; License Examination</td>
<td>5-Reduced Load</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F: Administrative</td>
<td>9-Other</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>G: Operational Error</td>
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<td></td>
<td></td>
<td>H: Other</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Type**
- F: Forced
- S: Scheduled

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

**Method**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**System**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**Component**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: SOUTH CAROLINA
- **COUNTY**: OCONEE
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 30 MI W OF GREENVILLE, SC

**TYPE OF REACTOR**: PWR
- **DATE INITIAL CRITICALITY**: SEPTEMBER 05, 1974
- **DATE INITIAL ELECTRICITY**: SEPTEMBER 18, 1974
- **DATE COMMERCIAL OPERATE**: DECEMBER 16, 1974

**CONDENSER COOLING METHOD**: ONCE THRU
- **CONDENSER COOLING WATER**: LAKE KEOWEE

**ELECTRIC RELIABILITY COUNCIL**: SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

### UTILITY & CONTRACTOR INFORMATION

#### UTILITY
- **LICENSEE**: DUKE POWER CO.
- **CORPORATE ADDRESS**: 422 SOUTH CHURCH STREET
  CHARLOTTE, NORTH CAROLINA 28242

#### CONTRACTOR
- **ARCHITECT/ENGINEER**: DUKE & BECHTEL
- **NUC STEAM SYS SUPPLIER**: BABCOCK & WILCOX
- **CONSTRUCTOR**: DUKE POWER
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

#### REGULATORY INFORMATION
- **IE REGION RESPONSIBLE**: 2
- **IE RESIDENT INSPECTOR**: PAUL HARMON
- **LICENSING PROJ MANAGER**: LEONARD A. WIENS
- **DOCKET NUMBER**: 50-287
- **LICENSE & DATE ISSUANCE**: DPR 055, JULY 19, 1974
1. Docket: 50-219

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: PAUL G. EDELMANN (609) 971-4097

4. Licensed Thermal Power (MWt): 1930

5. Nameplate Rating (Gross MWt): 550

6. Design Electrical Rating (Net MWt): 650

7. Maximum Dependable Capacity (Gross MWt): 641

8. Maximum Dependable Capacity (Net MWt): 619

9. If Changes Occurred Above Since Last Report, Give Reasons:
   MAXIMUM DEPENDABLE CAPACITIES GROSS AND NET INCREASED DUE TO TURBINE UPGRADE.

10. Power Level To Which Restricted, If Any (Net MWt):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
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<td>1</td>
<td>744.0</td>
<td>8,760.0</td>
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<td>3</td>
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<td>31</td>
<td>380.0</td>
<td>6,097.3</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
MONTHLY, YTD, AND CUMULATIVE UNIT CAPACITY FACTORS (MDC NET) ARE CALCULATED WITH WEIGHTED AVERAGES.
Report Period: December 1994  

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>09/10/94</td>
<td>S</td>
<td>364.0</td>
<td>C</td>
<td>4</td>
<td>RC</td>
<td>FUELXX</td>
<td>REFueling Outage Continued.</td>
<td></td>
</tr>
</tbody>
</table>

**Type:**  
F: Forced  
S: Scheduled  

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

**Method:**  
1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
6: Other  

**System:**  
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F  

**Component:**  
IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
### Facility Description

#### Location
- **State:** New Jersey
- **County:** Ocean
- **Distance and Direction from Nearest Population Ctr.:** 9 mi S of Toms River, NJ

#### Type of Reactor
- **BWR**

#### Date Initial Criticality
- **May 03, 1969**

#### Date Initial Electricity
- **September 23, 1969**

#### Date Commercial Operation
- **December 01, 1969**

#### Condenser Cooling Method
- **Once Thru**

#### Condenser Cooling Water
- **Barnegat Bay**

#### Electric Reliability Council
- **Mid-Atlantic Area Council**

### Utility & Contractor Information

#### Utility
- **Licensee:** GPU Nuclear Corp.
- **Corporate Address:** 100 Interpace Parkway, Parsippany, New Jersey 07054

#### Contractor
- **Architect/Engineer:** Burns & Roe
- **Nucl Steam Sys Supplier:** General Electric
- **Constructor:** Burns & Roe
- **Turbine Supplier:** General Electric

### Regulatory Information
- **IE Region Responsible:** 1
- **IE Resident Inspector:** Larry Briggs
- **Licensing Proj Manager:** Alexander W. Dromerick
- **Docket Number:** 50-219
- **License & Date Issuance:** DPR 016, August 01, 1969
1. Docket: 50-255
2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0
3. Utility Contact: B. W. BERLES (616) 764-8913 EXT 0190
4. Licensed Thermal Power (MWe): 2530
5. Nameplate Rating (Gross MWe): 812
6. Design Electrical Rating (Net MWe): 805
7. Maximum Dependable Capacity (Gross MWe): 770
8. Maximum Dependable Capacity (Net MWe): 730
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons For Restrictions, If Any:
12. Report Period Hrs 744.0
13. Hours Reactor Critical 744.0
14. Rx Reserve Shdwn Hrs 0.0
15. Hrs Generator On-Line 744.0
16. Unit Reserve Shdwn Hrs 0.0
17. Gross Therm Ener (MWH) 1,867,368.0
18. Gross Elec Ener (MWH) 611,208.0
19. Net Elec Ener (MWH) 581,734.0
20. Unit Service Factor 100.0
21. Unit Avail Factor 100.0
22. Unit Cap Factor (NDC Net) 107.1
23. Unit Cap Factor (DER Net) 97.1
24. Unit Forced Outage Rate 0.0
25. Forced Outage Hours 0.0
26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, MAY 20, 1995, 100 DAYS.
27. If Currently Shutdown, Estimated Startup Date:
Notes:
   CUMULATIVE UNIT CAPACITY FACTOR (NDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE. MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) ARE BASED ON CONDENSER BACKPRESSURE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- **STATE**: MICHIGAN
- **COUNTY**: VANBUREN

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- **5 MI S OF SOUTH HAVEN, MI**

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: MAY 24, 1971

**DATE INITIAL ELECTRICITY**: DECEMBER 31, 1971

**DATE COMMERCIAL OPERATE**: DECEMBER 31, 1971

**CONDENSER COOLING METHOD**: COOLING TOWERS

**CONDENSER COOLING WATER**: LAKE MICHIGAN

**ELECTRIC RELIABILITY COUNCIL**: EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**
- **LICENSEE**: CONSUMERS POWER CO.
- **CORPORATE ADDRESS**: 212 WEST MICHIGAN AVENUE JACSON, MICHIGAN 49201

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: BECHTEL
- **NUC STEAM SYS SUPPLIER**: COMBUSTION ENGINEERING
- **CONSTRUCTOR**: BECHTEL
- **TURBINE SUPPLIER**: WESTINGHOUSE

**REGULATORY INFORMATION**
- **IE REGION RESPONSIBLE**: 3
- **IE RESIDENT INSPECTOR**: MICHAEL PARKER
- **LICENSING PROJ MANAGER**: ANTHONY H. HSIA
- **DOCKET NUMBER**: 50-255
- **LICENSE & DATE ISSUANCE**: DPR 020, OCTOBER 16, 1972
1. Docket: 50-528

2. Reporting Period: DECEMBER 1994

3. Utility Contact: B. S. ECKLUND (602) 393-6221

4. Licensed Thermal Power (MWt):
   - Nameplate Rating (Gross MWt):
   - Design Electrical Rating (Net MWt):
   - Maximum Dependable Capacity (Gross MWt):
   - Maximum Dependable Capacity (Net MWt):

5. If Changes Occurred Above Since Last Report, Give Reasons:

6. Power Level To Which Restricted, If Any (Net MWt):

7. Reasons For Restrictions, If Any:

8. AVERAGE DAILY POWER LEVEL (Net MWt)

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<th>POWER</th>
</tr>
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<tbody>
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</tr>
<tr>
<td>15</td>
<td>1221</td>
</tr>
</tbody>
</table>

9. Report Period Hrs

10. Hours Reactor Critical

11. Rx Reserve Shutdown Hrs

12. Hrs Generator On-Line

13. Unit Reserve Shutdown Hrs

14. Gross Therm Ener (MWH)

15. Gross Elec Ener (MWH)

16. Net Elec Ener (MWH)

17. Unit Service Factor

18. Unit Avail Factor

19. Unit Cap Factor (MDC Net)

20. Unit Cap Factor (DER Net)

21. Unit Forced Outage Rate

22. Forced Outage Hours

23. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   - Refueling Outage, April 1, 1995, 70 Days.

24. If Currently Shutdown, Estimated Startup Date:

25. Notes:
# Unit Shutdowns and Power Reductions

**Report Period:** December 1994  
**System:** Palo Verde 1

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

- **Type:**
  - F: Forced
  - S: Scheduled

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

- **Method:**
  - 1: Manual
  - 2: Manual Scram
  - 3: Auto Scram
  - 4: Continued
  - 5: Reduced Load
  - 9: Other

- **System:**
  - IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

- **Component:**
  - IEEE Standard 805A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE: ARIZONA
COUNTY: MARICOPA

DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 36 MI W OF PHOENIX, AZ

TYPE OF REACTOR: PWR

DATE INITIAL CRITICALITY: MAY 25, 1985
DATE INITIAL ELECTRICITY: JUNE 10, 1985
DATE COMMERCIAL OPERATE: JANUARY 28, 1986

CONDENSER COOLING METHOD: COOLING TOWER
CONDENSER COOLING WATER: SEWAGE TREATMENT

ELECTRIC RELIABILITY COUNCIL: WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE: ARIZONA PUBLIC SERVICE CO.
CORPORATE ADDRESS: P.O. BOX 52034
PHOENIX, ARIZONA 85072

CONTRACTOR
ARCHITECT/ENGINEER: BECHTEL
NUC STEAM SYS SUPPLIER: COMBUSTION ENGINEERING
CONSTRUCTOR: BECHTEL
TURBINE SUPPLIER: GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE: 4
IE RESIDENT INSPECTOR: KENNETH JOHNSTON
LICENSING PROJ MANAGER: TIMOTHY J. POLICH
DOCKET NUMBER: 50-528
LICENSE & DATE ISSUANCE: MPF 041, JUNE 01, 1985
1. Docket: 50-529  

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  

3. Utility Contact: B. S. ECKLUND (602) 393-6221  

4. Licensed Thermal Power (MWt): 3800  
5. Nameplate Rating (Gross MW): 1403  
6. Design Electrical Rating (Net MW): 1270  
7. Maximum Dependable Capacity (Gross MW): 1303  
8. Maximum Dependable Capacity (Net MW): 1221  
9. If Changes Occurred Above Since Last Report, Give Reasons:  

10. Power Level To Which Restricted, If Any (Net MW):  
11. Reasons For Restrictions, If Any:  

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<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<td>744.0</td>
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<tr>
<td>12. Report Period Hrs</td>
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<td>13. Hours Reactor Critical</td>
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<td>14. Rx Reserve Shtdwn Hrs</td>
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<td>15. Hrs Generator On-Line</td>
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<td>5,921.0</td>
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<td>16. Unit Reserve Shtdwn Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>6,573,863.0</td>
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<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
<td>100.9</td>
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<td>23. Unit Cap Factor (DER Net)</td>
<td>97.1</td>
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<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
   REFUELING OUTAGE, FEBRUARY 4, 1995, 60 DAYS.  

27. If Currently Shutdown, Estimated Startup Date:  
   Notes:  

Page 2-205
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE ....................... ARIZONA
COUNTY ...................... MARICOPA

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...... 36 MI W OF PHOENIX, AZ

TYPE OF REACTOR ............. PWR

DATE INITIAL CRITICALITY ..... APRIL 18, 1986
DATE INITIAL ELECTRICITY ..... MAY 20, 1986
DATE COMMERCIAL OPERATE .... SEPTEMBER 19, 1986

CONDENSER COOLING METHOD ..... COOLING TOWERS
CONDENSER COOLING WATER ..... SEWAGE TREATMENT

ELECTRIC RELIABILITY
COUNCIL ......................... WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY AND CONTRACTOR INFORMATION

UTILITY
LICENSEE ....................... ARIZONA PUBLIC SERVICE CO.
CORPORATE ADDRESS .......... P.O. BOX 52034
PHOENIX, ARIZONA 85072

CONTRACTOR
ARCHITECT/ENGINEER .......... BECHTEL
NUC STEAM SYS SUPPLIER ..... COMBUSTION ENGINEERING
CONSTRUCTOR ................. BECHTEL
TURBINE SUPPLIER ............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE .......... 4
IE RESIDENT INSPECTOR ........ KENNETH JOHNSTON
LICENSING PROJ MANAGER ....... TIMOTHY J. POLICH
DOCKET NUMBER ............... 50-529
LICENSE & DATE ISSUANCE ...... NPF 051, APRIL 24, 1986
1. **Docket:** 50-530  
2. **Reporting Period:** DECEMBER 1994  
3. **Utility Contact:** B. S. ECKLUND (602) 395-6221  
4. **Licensed Thermal Power (MWt):** 3800  
5. **Nameplate Rating (Gross MWe):** 1403  
6. **Design Electrical Rating (Net MWe):** 1270  
7. **Maximum dependable Capacity (Gross MWe):** 1303  
8. **Maximum dependable Capacity (Net MWe):** 1221  
9. **If Changes Occurred Above Since Last Report, Give Reasons:**  
10. **Power Level To which Restricted, If Any (Net MWe):**  
11. **Reasons For Restrictions, If Any:**  

### AVERAGE DAILY POWER LEVEL (Net MWe)

<table>
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<th>DAY</th>
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<td>16</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>17</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>18</td>
<td>475</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td>19</td>
<td>1190</td>
</tr>
<tr>
<td>5</td>
<td>0</td>
<td>20</td>
<td>1258</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
<td>21</td>
<td>1258</td>
</tr>
<tr>
<td>7</td>
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22. **Unit Cap Factor (MDC Net):** 43.2  
23. **Unit Cap Factor (DER Net):** 41.5  
24. **Unit Forced Outage Rate:** 0.0  
25. **Forced Outage Hours:** 0.0  

26. **Shutdoms Scheduled Over Next Six Months (Type, Date, Duration):**  
27. **If Currently Shutdown, Estimated Startup Date:**  

**Notes:**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-04</td>
<td>11/26/94</td>
<td>S</td>
<td>406.5</td>
<td>B</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td>CONTINUATION OF PLANNED MID-CYCLE OUTAGE FOR STEAM GENERATOR TUBE EDDY CURRENT INSPECTION.</td>
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</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: ARIZONA
- **COUNTY**: MARICOPA

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 36 MI W OF PHOENIX, AZ

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: OCTOBER 25, 1987

**DATE INITIAL ELECTRICITY**: NOVEMBER 28, 1987

**DATE COMMERCIAL OPERATE**: JANUARY 08, 1988

**CONDENSER COOLING METHOD**: COOLING TOWERS

**CONDENSER COOLING WATER**: SEWAGE TREATMENT

**ELECTRIC RELIABILITY COUNCIL**: WESTERN SYSTEMS COORDINATION COUNCIL

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: ARIZONA PUBLIC SERVICE CO.
- **CORPORATE ADDRESS**: P.O. BOX 52034
  
**CONTRACTOR**
- **ARCHITECT/ENGINEER**: BECHTEL
- **NUC STEAM SYS SUPPLIER**: COMBUSTION ENGINEERING
- **CONSTRUCTOR**: BECHTEL
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

### REGULATORY INFORMATION

- **IE REGION RESPONSIBLE**: 4
- **IE RESIDENT INSPECTOR**: KENNETH JOHNSTON
- **LICENSING PROJ MANAGER**: CHARLES M. TRAMMELL III
- **DOCKET NUMBER**: 50-530
- **LICENSE & DATE ISSUANCE**: NPF 074, NOVEMBER 25, 1987
1. Docket: 50-277

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. Utility Contact: W. J. JEFFREY (717) 456-7014 EXT. 4027

4. Licensed Thermal Power (MWt): 3458

5. Nameplate Rating (Gross MWe): 1221

6. Design Electrical Rating (Net MWe): 1065

7. Maximum Dependable Capacity (Gross MWe): 1159

8. Maximum Dependable Capacity (Net MWe): 1093

9. If Changes Occurred Above Since Last Report, Give Reasons:
   AS A RESULT OF RERATING, ITEMS 5, 7, AND 8 HAVE INCREASED. THE NEW
   VALUE FOR ITEM 6 HAS NOT YET BEEN DETERMINED.

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0  
   YEAR 8,760.0  
   CUMULATIVE 179,640.0

13. Hours Reactor Critical 744.0  
   7,851.0  
   113,963.1

14. Rx Reserve Shutdown Hrs 0.0  
   0.0  
   0.0

15. Hrs Generator On-Line 744.0  
   7,783.0  
   110,003.2

16. Unit Reserve Shutdown Hrs 0.0  
   0.0  
   0.0

17. Gross Therm Ener (MWH) 2,572,063.0  
   23,831,390.0  
   328,320,883.0

18. Gross Elec Ener (MWH) 861,000.0  
   7,727,900.0  
   107,879,390.0

19. Net Elec Ener (MWH) 840,017.0  
   7,451,654.0  
   103,442,456.0

20. Unit Service Factor 100.0  
   88.8  
   61.2

21. Unit Avail Factor 100.0  
   88.8  
   61.2

22. Unit Cap Factor (MDC Net) 103.3  
   77.8  
   52.7

23. Unit Cap Factor (DER Net) 106.0  
   79.9  
   54.1

24. Unit Forced Outage Rate 0.0  
   1.5  
   13.1

25. Forced Outage Hours 0.0  
   121.0  
   16,587.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

LICENSEE REVISED JANUARY 1994 NET ELECTRICAL ENERGY FROM 762,627.0 TO 763,627.0.
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<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
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<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
F: Forced  
S: Scheduled

**REASON**
A: Equipment Failure  
B: Maintenance or Test  
C: Refueling  
D: Regulatory Restriction  
E: Operator Training & License Examination  
F: Administrative  
G: Operational Error  
H: Other

**METHOD**
1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**
IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

**LOCATION**
- **STATE**: PENNSYLVANIA
- **COUNTY**: YORK & LANCASTER COS

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- **17.9 MI S. OF LANCASTER, PA**

**TYPE OF REACTOR**: BWR
**DATE INITIAL CRITICALITY**: SEPTEMBER 16, 1973
**DATE INITIAL ELECTRICITY**: FEBRUARY 18, 1974
**DATE COMMERCIAL OPERATE**: JULY 05, 1974

**CONDENSER COOLING METHOD**: ONCE THRU
**CONDENSER COOLING WATER**: SUSQUEHANNA RIVER

**ELECTRIC RELIABILITY COUNCIL**: MID-ATLANTIC AREA COUNCIL

**UTILITY & CONTRACTOR INFORMATION**

**UTILITY**
- **LICENSEE**: PECO ENERGY COMPANY
- **CORPORATE ADDRESS**: 2301 MARKET STREET
  - PHILADELPHIA, PENNSYLVANIA 19154

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: BECHTEL
- **NUC STEAM SYS SUPPLIER**: GENERAL ELECTRIC
- **CONSTRUCTOR**: BECHTEL
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

**REGULATORY INFORMATION**
- **IE REGION RESPONSIBLE**: 1
- **IE RESIDENT INSPECTOR**: WAYNE SCHMIDT
- **LICENSING PROJ MANAGER**: JOSEPH W. SHEA
- **DOCKET NUMBER**: 50-277
- **LICENSE & DATE ISSUANCE**: DPR 044, DECEMBER 14, 1973
1. Docket: 50-278

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: W. J. JEFFREY (717) 456-7014 EXT. 4027

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1152

6. Design Electrical Rating (Net MWe): 1065

7. Maximum Dependable Capacity (Gross MWe): 1098

8. Maximum Dependable Capacity (Net MWe): 1035

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0  8,760.0  175,536.0

13. Hours Reactor Critical 744.0  8,588.0  113,259.4

14. Rx Reserve Shutdown Hrs 0.0  0.0  0.0

15. Hrs Generator On-Line 744.0  8,588.0  109,879.2

16. Unit Reserve Shutdown Hrs 0.0  0.0  0.0

17. Gross Therm Ener (MWh) 2,438,916.0  27,800,466.0  326,573,943.0

18. Gross Elec Ener (MWh) 810,300.0  9,155,900.0  107,146,032.0

19. Net Elec Ener (MWh) 789,630.0  8,867,352.0  102,841,588.0

20. Unit Service Factor 100.0  98.0  62.6

21. Unit Avail Factor 100.0  98.0  62.6

22. Unit Cap Factor (MDC Net) 102.5  97.8  56.6

23. Unit Cap Factor (DER Net) 99.7  95.0  55.0

24. Unit Forced Outage Rate 0.0  2.0  11.6

25. Forced Outage Hours 0.0  172.0  14,357.7

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
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<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
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<td>ROD PATTERN ADJUSTMENT.</td>
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<td>RC</td>
<td>CONROD</td>
<td>ROD PATTERN ADJUSTMENT.</td>
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</table>
FACILITY DESCRIPTION

LOCATION

STATE................. PENNSYLVANIA
COUNTY............... YORK & LANCASTER COS
DIST AND DIRECTION FROM NEAREST POPULATION CTR.... 17.9 MI S. OF LANCASTER, PA

TYPE OF REACTOR......... BWR
DATE INITIAL CRITICALITY..... AUGUST 07, 1974
DATE INITIAL ELECTRICITY..... SEPTEMBER 01, 1974
DATE COMMERCIAL OPERATE...... DECEMBER 23, 1974

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER....... SUSQUEHANNA RIVER

ELECTRIC RELIABILITY COUNCIL................ MID- ATLANTIC AREA COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..................... PECO ENERGY COMPANY
CORPORATE ADDRESS........... 2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19154

CONTRACTOR

ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR............... BECHTEL
TURBINE SUPPLIER.......... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 1
IE RESIDENT INSPECTOR........ WAYNE SCHMIDT
LICENSING PROJ MANAGER....... JOSEPH W. SHEA
DOCKET NUMBER............... 50-278
LICENSE & DATE ISSUANCE..... DPR 056, JULY 02, 1974
1. Docket: 50-440

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: G. W. Neuman (216) 280-5815

4. Licensed Thermal Power (MWe): 3579

5. Nameplate Rating (Gross MWe): 1250

6. Design Electrical Rating (Net MWe): 1191

7. Maximum Dependable Capacity (Gross MWe): 1225

8. Maximum Dependable Capacity (Net MWe): 1166

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
<td></td>
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<td>8,760.0</td>
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<td>13. Hours Reactor Critical</td>
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<td>14. Rx Reserve Shutdown Hrs</td>
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<td>16. Unit Reserve Shutdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,285,870.0</td>
<td>14,115,147.0</td>
</tr>
<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>777,982.0</td>
<td>4,824,756.0</td>
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<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>742,331.0</td>
<td>4,591,898.0</td>
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<tr>
<td>20. Unit Service Factor</td>
<td>100.0</td>
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</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>47.4</td>
</tr>
<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>85.6</td>
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</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>85.8</td>
<td>44.0</td>
</tr>
<tr>
<td>24. Unit Forced Outage Rate</td>
<td>0.0</td>
<td>1.3</td>
</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>56.2</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-06</td>
<td>12/10/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>5</td>
<td></td>
<td></td>
<td>DEEP SHALLOW ROD EXCHANGE AND SCRAM TIME TESTING.</td>
</tr>
<tr>
<td></td>
<td>12/11/94</td>
<td>F</td>
<td>0.0</td>
<td>F</td>
<td>5</td>
<td>94023</td>
<td></td>
<td></td>
<td>ADDITIONAL UNPLANNED SCRAM TIME TESTING AND REPLACEMENT OF SCRAM SOLENOID PILOT VALVES.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE</th>
<th>REASON</th>
<th>METHOD</th>
<th>SYSTEM</th>
<th>COMPONENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>S: Scheduled</td>
<td>B-Maintenance or Test</td>
<td>2-Manual Scram</td>
<td>805-1984 and/or NUREG-0161 Exhibit F</td>
<td>805A-1983 and/or NUREG-0161 Exhibit H</td>
</tr>
<tr>
<td></td>
<td>C-Refueling</td>
<td>3-Auto Scram</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>D-Regulatory Restriction</td>
<td>4-Continued</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E-Operator Training &amp; License Examination</td>
<td>5-Reduced Load</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>F-Administrative</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>G-Operational Error</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>H-Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Report Period: DECEMBER 1994

FACILITY DESCRIPTION

LOCATION
STATE................. OHIO
COUNTY................. LAKE

DIST AND DIRECTION FROM NEAREST POPULATION CTR... 7 MI NE OF PAINESVILLE, OH

TYPE OF REACTOR................. BWR
DATE INITIAL CRITICALITY...... JUNE 06, 1986
DATE INITIAL ELECTRICITY...... DECEMBER 19, 1986
DATE COMMERCIAL OPERATE...... NOVEMBER 18, 1987

CONDENSER COOLING METHOD...... CC HNDC
CONDENSER COOLING WATER...... LAKE ERIE

ELECTRIC RELIABILITY COUNCIL................................ EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................. CLEVELAND ELECTRIC ILLUMINATING CO.
CORPORATE ADDRESS........ P.O. BOX 5000
CLEVELAND, OHIO 44136

CONTRACTOR
ARCHITECT/ENGINEER........... GILBERT ASSOCIATES
NUC STEAM SYS SUPPLIER....... GENERAL ELECTRIC
CONSTRUCTOR.................. KAISER ENGINEERS
TURBINE SUPPLIER.............. GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE......... 3
IE RESIDENT INSPECTOR........ DONALD KOSLOFF
LICENSING PROJ MANAGER....... JON B. HOPKINS
DOCKET NUMBER.................. 50-440
LICENSE & DATE ISSUANCE....... NPF 058, NOVEMBER 13, 1986
1. Docket: 50-293

2. Reporting Period: DECEMBER 1994

3. Utility Contact: W. MUNRO (508) 830-8474

4. Licensed Thermal Power (MWt):

5. Nameplate Rating (Gross MWp): 678


7. Maximum Dependable Capacity (Gross MWp): 696


9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWp):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs: 744.0

13. Hours Reactor Critical: 744.0

14. Rx Reserve Shtdm Hrs: 0.0

15. Hrs Generator On-Line: 709.1

16. Unit Reserve Shtdm Hrs: 0.0

17. Gross Therm Ener (MWh): 1,332,240.0

18. Gross Elec Ener (MWh): 454,430.0

19. Net Elec Ener (MWh): 437,127.0

20. Unit Service Factor: 95.3

21. Unit Avail Factor: 95.3

22. Unit Cap Factor (MDC Net): 87.7

23. Unit Cap Factor (DER Net): 89.7

24. Unit Forced Outage Rate: 4.7

25. Forced Outage Hours: 34.9

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

   REFUELING OUTAGE, MARCH 25, 1995, 55 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

   Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System Comment</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>12/03/94</td>
<td>F</td>
<td>34.9</td>
<td>B</td>
<td>1</td>
<td></td>
<td>MAIN GENERATOR MANUALLY TRIPPED TO PERFORM BALANCING.</td>
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<tr>
<td>11</td>
<td>12/18/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td>POWER REDUCTION TO PERFORM THERMAL BACKWASH OF THE MAIN CONDENSER.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... MASSACHUSETTS
COUNTY...................... PLYMOUTH
DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 4 MI SE OF PLYMOUTH, MA

TYPE OF REACTOR............. BWR
DATE INITIAL CRITICALITY..... JUNE 16, 1972
DATE INITIAL ELECTRICITY..... JULY 19, 1972
DATE COMMERCIAL OPERATE..... DECEMBER 01, 1972
CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER..... CAPE COD BAY

ELECTRIC RELIABILITY COUNCIL......................... NORTHEASTERN POWER COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... BOSTON EDISON CO.
CORPORATE ADDRESS........... 800 BOYLSTON STREET
                           BOSTON, MASSACHUSETTS 02199

CONTRACTOR
ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR................. BECHTEL
TURBINE SUPPLIER............. GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE............ 1
IE RESIDENT INSPECTOR.......... JOHN B. MACDONALD
LICENSING PROJ MANAGER........... RONALD B. EATON
DOCKET NUMBER................... 50-293
LICENSE & DATE ISSUANCE........ DPR 035, SEPTEMBER 15, 1972
1. Docket: 50-266

2. Reporting Period: DECEMBER 1994

3. Utility Contact: M. B. KOUDELKA (414) 755-6480

4. Licensed Thermal Power (MWe): 1519

5. Nameplate Rating (Gross MWe): 524

6. Design Electrical Rating (Net MWe): 497

7. Maximum Dependable Capacity (Gross MWe): 509

8. Maximum Dependable Capacity (Net MWe): 485

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs: 744.0

13. Hours Reactor Critical: 730.1

14. Rx Reserve Shtdwn Hrs: 0.0

15. Hrs Generator On-Line: 730.1

16. Unit Reserve Shtdwn Hrs: 0.0

17. Gross Therm Ener (MWH): 1,096,432.0

18. Gross Elec Ener (MWH): 371,760.0

19. Net Elec Ener (MWH): 356,154.0

20. Unit Service Factor: 98.1

21. Unit Avail Factor: 98.1

22. Unit Cap Factor (MDC Net): 98.7

23. Unit Cap Factor (DER Net): 96.3

24. Unit Forced Outage Rate: 0.0

25. Forced Outage Hours: 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

- REFUELING OUTAGE, MARCH 11, 1995, 36 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977. CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>12/31/94</td>
<td>S</td>
<td>13.9</td>
<td>B</td>
<td>1</td>
<td>CB</td>
<td>HTEXCH</td>
<td></td>
<td>FURMANITE REPAIR PERFORMED ON A LEAKING LOWER STEAM GENERATOR HANDHOLE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE ....................... WISCONSIN
COUNTY ..................... MANITOWOC

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 13 MI NNW OF MANITOWOC, WI

TYPE OF REACTOR .............. PWR

DATE INITIAL CRITICALITY...... NOVEMBER 02, 1970
DATE INITIAL ELECTRICITY ..... NOVEMBER 06, 1970
DATE COMMERCIAL OPERATE ...... DECEMBER 21, 1970

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER...... LAKE MICHIGAN
ELECTRIC RELIABILITY COUNCIL ....................... MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE ..................... WISCONSIN ELECTRIC POWER CO.
CORPORATE ADDRESS ........... 231 WEST MICHIGAN STREET MILWAUKEE, WISCONSIN 53201

CONTRACTOR

ARCHITECT/ENGINEER ........... BECHTEL
NUC STEAM SYS SUPPLIER ...... WESTINGHOUSE
CONSTRUCTOR .................. BECHTEL
TURBINE SUPPLIER ............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE ........ 3
IE RESIDENT INSPECTOR ........ TIMOTHY KOBETZ
LICENSING PROJ MANAGER ...... ALLEN G. HANSEN
DOCKET NUMBER ................ 50-266
LICENSE & DATE ISSUANCE ...... DPR 024, OCTOBER 05, 1970
**OPERATING STATUS**

1. **Docket:** 50-301

2. **Reporting Period:** DECEMBER 1994  
   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** M. B. KOUDELKA (414) 755-6680

4. **Licensed Thermal Power (MWe):** 1519

5. **Nameplate Rating (Gross MWe):** 524

6. **Design Electrical Rating (Net MWe):** 497

7. **Maximum Dependable Capacity (Gross MWe):** 509

8. **Maximum Dependable Capacity (Net MWe):** 485

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>7,851.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>7,828.0</td>
</tr>
<tr>
<td>16. Unit Reserve Shdwn Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>1,115,420.0</td>
<td>11,610,741.0</td>
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<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>377,210.0</td>
<td>3,926,850.0</td>
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<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>361,051.0</td>
<td>3,749,875.0</td>
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<tr>
<td>20. Unit Service Factor</td>
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<tr>
<td>21. Unit Avail Factor</td>
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<td>89.4</td>
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<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>100.1</td>
<td>88.3</td>
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<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>97.6</td>
<td>86.1</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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</tr>
<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
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</tr>
</tbody>
</table>

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

27. **If Currently Shutdown, Estimated Startup Date:**

**Notes:**

Data reported and factors calculated as requested in NRC Letter dated September 22, 1977. Cumulative unit capacity factor (MDC net) is calculated with a weighted average. Licensee revised October 1994 net electric energy from 0.0 to -2,421.0.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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<td></td>
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</tbody>
</table>

**TYPE**: Forced, Scheduled  
**REASON**:  
A-Equipment Failure  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error  
H-Other  

**METHOD**:  
1-Manual  
2-Manual Scram  
3-Auto Scram  
4-Continued  
5-Reduced Load  
9-Other  

**SYSTEM**:  
IEEE Standard 805-1984 and/or  
NUREG-0161 Exhibit F  

**COMPONENT**:  
IEEE Standard 803A-1983 and/or  
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... WISCONSIN
COUNTY...................... MANITOWOC

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 13 MI NNW OF MANITOWOC, WI

TYPE OF REACTOR.............. PWR
DATE INITIAL CRITICALITY...... MAY 30, 1972
DATE INITIAL ELECTRICITY..... AUGUST 02, 1972
DATE COMMERCIAL OPERATE...... OCTOBER 01, 1972

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... LAKE MICHIGAN

ELECTRIC RELIABILITY COUNCIL................. MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE...................... WISCONSIN ELECTRIC POWER CO.
CORPORATE ADDRESS........... 231 WEST MICHIGAN STREET
MILWAUKEE, WISCONSIN 53201

ARCHITECT/ENGINEER............ BECHTEL
NUC STEAM SYS SUPPLIER...... WESTINGHOUSE
CONSTRUCTOR.................... BECHTEL
TURBINE SUPPLIER.............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 3
IE RESIDENT INSPECTOR......... TIMOTHY KOBEI2
LICENSING PROJ MANAGER........ ALLEN G. HANSEN
DOCKET NUMBER.................. 50-301
LICENSE & DATE ISSUANCE....... DPR 027, MARCH 08, 1973
**PRarie ISLAND 1**

**OPERATING STATUS**

1. Docket: 50-282

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. Utility Contact: DALE DUGSTAD  
   (612) 388-1121 EXT. 4376

4. Licensed Thermal Power (MWt): 1650

5. Nameplate Rating (Gross MW): 593

6. Design Electrical Rating (Net MW): 530

7. Maximum Dependable Capacity (Gross MW): 545

8. Maximum Dependable Capacity (Net MW): 513

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>744.0</td>
<td>8,760.0</td>
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<td>2</td>
<td>744.0</td>
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<td>17</td>
<td>1,225,396.0</td>
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<td>2.2</td>
</tr>
<tr>
<td>25</td>
<td>0.0</td>
<td>165.3</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
## Unit Shutdowns and Power Reductions

### Prairie Island 1

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**Type**
- F: Forced
- S: Scheduled

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

**Method**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**System**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**Component**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... MINNESOTA
COUNTY..................... GOODHUE

DIST AND DIRECTION FROM
NEAREST POPULATION CTR..... 28 MI SE OF MINNEAPOLIS, MN

TYPE OF REACTOR............ PWR

DATE INITIAL CRITICALITY..... DECEMBER 01, 1973
DATE INITIAL ELECTRICITY..... DECEMBER 04, 1973
DATE COMMERCIAL OPERATE..... DECEMBER 16, 1973

CONDENSER COOLING METHOD..... COOLING TOWERS
CONDENSER COOLING WATER..... MISSISSIPPI RIVER

ELECTRIC RELIABILITY
COUNCIL...................... MID-CONTINENT AREA RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE..................... NORTHERN STATES POWER CO.
CORPORATE ADDRESS.......... 414 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

CONTRACTOR
ARCHITECT/ENGINEER......... FLUOR PIONEER, INC.
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR.................. NORTHERN STATES POWER COMPANY
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 3
IE RESIDENT INSPECTOR......... MARC DAPAS
LICENSING PROJ MANAGER........ MARSHA GAMBERONI
DOCKET NUMBER.................. 50-282
LICENSE & DATE ISSUANCE....... DPR 042, APRIL 05, 1974
1. Docket: 50-306  

2. Reporting Period: DECEMBER 1994  
Outage + On-Line Hrs: 744.0

3. Utility Contact: DALE DUGSTAD (612) 388-1121 EXT. 4376

4. Licensed Thermal Power (MWt): 1650

5. Nameplate Rating (Gross MW): 593

6. Design Electrical Rating (Net MW): 530

7. Maximum Dependable Capacity (Gross MW): 544

8. Maximum Dependable Capacity (Net MW): 512

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0  
13. Hours Reactor Critical 744.0  
14. Rx Reserve Shdown Hrs 0.0  
15. Hrs Generator On-Line 744.0  
16. Unit Reserve Shdown Hrs 0.0  
17. Gross Therm Ener (MWh) 1,206,313.0  
18. Gross Elec Ener (MWh) 408,690.0  
19. Net Elec Ener (MWh) 389,070.0  
20. Unit Service Factor 100.0  
21. Unit Avail Factor 100.0  
22. Unit Cap Factor (MDC Net) 102.1  
23. Unit Cap Factor (DER Net) 98.7  
24. Unit Forced Outage Rate 0.2  
25. Forced Outage Hours 20.7

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
REFUELING OUTAGE, MAY 1995.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
## Report Period: DECEMBER 1994

**UNIT SHUTDOWNS AND POWER REDUCTIONS**

* **PRAIRIE ISLAND 2** *

### Table: Unit Shutdowns and Power Reductions

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>12/10/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td>TURBINE VALVE TESTING AND CONDENSER WATERBOX CLEANING.</td>
</tr>
</tbody>
</table>

**TYPE**

- F: Forced
- S: Scheduled

**REASON**

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

**METHOD**

- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**

- IEEE Standard 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**

- IEEE Standard 803A-1983 and/or
- NUREG-0161 Exhibit K

Page 2-233
<table>
<thead>
<tr>
<th><strong>FACILITY DESCRIPTION</strong></th>
<th><strong>UTILITY &amp; CONTRACTOR INFORMATION</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>LOCATION</strong></td>
<td><strong>UTILITY</strong></td>
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<tr>
<td>STATE: MINNESOTA</td>
<td>LICENSEE: NORTHERN STATES POWER CO.</td>
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<tr>
<td>COUNTY: GOODHUE</td>
<td>CORPORATE ADDRESS: 414 NICOLLET MALL</td>
</tr>
<tr>
<td></td>
<td>MINNEAPOLIS, MINNESOTA 55401</td>
</tr>
<tr>
<td>DIST AND DIRECTION FROM</td>
<td><strong>CONTRACTOR</strong></td>
</tr>
<tr>
<td>NEAREST POPULATION CTR.:</td>
<td>ARCHITECT/ENGINEER: FLUOR PIONEER,</td>
</tr>
<tr>
<td>28 MI SE OF MINNEAPOLIS,</td>
<td>INC.</td>
</tr>
<tr>
<td>MN</td>
<td>NUC STEAM SYS SUPPLIER: WESTINGHOUSE</td>
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<tr>
<td>TYPE OF REACTOR: PWR</td>
<td>CONSTRUCTOR: NORTHERN STATES POWER</td>
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<tr>
<td></td>
<td>COMPANY</td>
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<tr>
<td>DATE INITIAL CRITICALITY</td>
<td>DATE COMMERCIAL OPERATE: DECEMBER</td>
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<td>DECEMBER 17, 1974</td>
<td>21, 1974</td>
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<tr>
<td>DATE INITIAL ELECTRICITY</td>
<td>DECEMBER 21, 1974</td>
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<td>DATE COMMERCIAL OPERATE: DECEMBER</td>
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<tr>
<td>CONDENSER COOLING METHOD</td>
<td>CONDENSER COOLING METHOD: COOLING</td>
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<td>CONDENSER COOLING WATER</td>
<td>CONDENSER COOLING WATER: MISSISSIPPI</td>
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<td>RIVER</td>
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<td>ELECTRIC RELIABILITY</td>
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<td>COUNCIL: MID-CONTINENT</td>
<td>COUNCIL: MID-CONTINENT AREA RELIABILITY</td>
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<td>AREA RELIABILITY COUNCIL</td>
<td></td>
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</tbody>
</table>

| **REGULATORY INFORMATION** | | |
|----------------------------|----------------------------|
| IE REGION RESPONSIBLE:     | 3                          |
| IE RESIDENT INSPECTOR:     | MARC DAPAS                 |
| LICENSING PROJ MANAGER:    | MARSHA GAMBERONI           |
| DOCKET NUMBER:             | 50-306                     |
| LICENSE & DATE ISSUANCE:   | DPR 060, OCTOBER 29, 1974  |
1. Docket: 50-254

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: KRISTAL MOORE (309) 654-2241 EXT. 3070

4. Licensed Thermal Power (MWe):

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>POWER</th>
<th>DAY</th>
<th>POWER</th>
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<tr>
<td>16</td>
<td>-8</td>
<td>31</td>
<td>-8</td>
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</tbody>
</table>

12. Report Period Hrs
13. Hours Reactor Critical
14. Rx Reserve Shutdown Hrs
15. Hrs Generator On-Line
16. Unit Reserve Shutdown Hrs
17. Gross Therm Ener (MWH)
18. Gross Elec Ener (MWH)
19. Net Elec Ener (MWH)
20. Unit Service Factor
21. Unit Avail Factor
22. Unit Cap Factor (MDC Net)
23. Unit Cap Factor (DER Net)
24. Unit Forced Outage Rate
25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date: 01/13/95

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>94-005</td>
<td>10/02/94</td>
<td>F</td>
<td>744.0</td>
<td>G</td>
<td>4</td>
<td>94015</td>
<td></td>
<td></td>
<td>CONTINUED FORCED OUTAGE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE................. ILLINOIS
COUNTY................ ROCK ISLAND

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 20 MI NE OF MOLINE, IL

TYPE OF REACTOR............... BWR

DATE INITIAL CRITICALITY...... OCTOBER 18, 1971
DATE INITIAL ELECTRICITY...... APRIL 12, 1972
DATE COMMERCIAL OPERATE....... FEBRUARY 18, 1973

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER....... MISSISSIPPI RIVER

ELECTRIC RELIABILITY COUNCIL................ MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... COMMONWEALTH EDISON CO.
CORPORATE ADDRESS........... 1600 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR
ARCHITECT/ENGINEER........... SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...... GENERAL ELECTRIC
CONSTRUCTOR.................. UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE........... 3
IE RESIDENT INSPECTOR........... CHRISTOPHER MILLER
LICENSING PROJ MANAGER........... ROBERT M. PULSIFER
DOCKET NUMBER................. 50-254
LICENSE & DATE ISSUANCE........ DPR 029, DECEMBER 14, 1972
1. Docket: 50-265

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: KRISTAL MOORE (309) 654-2241 EXT. 3070

4. Licensed Thermal Power (MWe): 2511

5. Nameplate Rating (Gross MWe): 828

6. Design Electrical Rating (Net MWe): 789

7. Maximum Dependable Capacity (Gross MWe): 813

8. Maximum Dependable Capacity (Net MWe): 769

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>744.0</td>
<td>8,760.0</td>
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<tr>
<td>12.</td>
<td>Hours Reactor Critical</td>
<td>402.2</td>
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<tr>
<td>13.</td>
<td>Rx Reserve Shtdn Hrs</td>
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<tr>
<td>14.</td>
<td>Hrs Generator On-Line</td>
<td>353.3</td>
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<tr>
<td>15.</td>
<td>Unit Reserve Shtdn Hrs</td>
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<tr>
<td>16.</td>
<td>Gross Therm Ener (MWH)</td>
<td>397,065.6</td>
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<tr>
<td>17.</td>
<td>Gross Elec Ener (MWH)</td>
<td>115,449.0</td>
</tr>
<tr>
<td>18.</td>
<td>Net Elec Ener (MWH)</td>
<td>104,905.0</td>
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<tr>
<td>19.</td>
<td>Unit Service Factor</td>
<td>47.5</td>
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<tr>
<td>20.</td>
<td>Unit Avail Factor</td>
<td>47.5</td>
</tr>
<tr>
<td>21.</td>
<td>Unit Cap Factor (MDC Net)</td>
<td>18.3</td>
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<tr>
<td>22.</td>
<td>Unit Cap Factor (DER Net)</td>
<td>17.9</td>
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<tr>
<td>23.</td>
<td>Unit Forced Outage Rate</td>
<td>52.5</td>
</tr>
<tr>
<td>24.</td>
<td>Forced Outage Hours</td>
<td>390.7</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
## Report Period: DECEMBER 1994
### Unit Shutdowns and Power Reductions

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
<tbody>
<tr>
<td>94-15</td>
<td>10/03/94</td>
<td>F</td>
<td>390.7</td>
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<td>CONTINUED FORCED OUTAGE. LOAD DROP TO ACCOMMODATE CONDENSATE DEMINERALIZER BACKWASH AND PRECOAT.</td>
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<td>94-16</td>
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</tbody>
</table>

**TYPE:**
- F: Forced
- S: Scheduled

**REASON:**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD:**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 6: Other

**SYSTEM:**
- IEEE Standard
- 803-1983 and/or
- NUREG-0161 Exhibit F

**COMPONENT:**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: ILLINOIS
- **COUNTY**: ROCK ISLAND
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 20 MI NE OF Moline, IL

**TYPE OF REACTOR**: BWR

**DATE INITIAL CRITICALITY**: APRIL 26, 1972

**DATE INITIAL ELECTRICITY**: MAY 23, 1972

**DATE COMMERCIAL OPERATE**: MARCH 10, 1973

**CONDENSER COOLING METHOD**: ONCE THRU

**CONDENSER COOLING WATER**: MISSISSIPPI RIVER

**ELECTRIC RELIABILITY COUNCIL**: MID-AMERICA INTERPOOL NETWORK

---

### UTILITIES & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: COMMONWEALTH EDISON CO.
- **CORPORATE ADDRESS**: 1400 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: SARGENT & LUNDY
- **NUC STEAM SYS SUPPLIER**: GENERAL ELECTRIC
- **CONSTRUCTOR**: UNITED ENG. & CONSTRUCTORS
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

---

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE**: 3

**IE RESIDENT INSPECTOR**: CHRISTOPHER MILLER

**LICENSING PROJ MANAGER**: ROBERT M. PULSIFER

**DOCKET NUMBER**: 50-265

**LICENSE & DATE ISSUANCE**: DPR 030, DECEMBER 14, 1972
1. Docket: 50-458  
2. Reporting Period: DECEMBER 1994  
3. Utility Contact: D. R. GLUECK (504) 381-4317

### OPERATING STATUS

<table>
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<tr>
<th>Reporting Period</th>
<th>Outage + On-Line Hrs:</th>
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### Average Daily Power Level (Net MWe)

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<th>DAY</th>
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### cwLATIVE VALUES FOR ITEMS 12, 13, 15 AND 17-19 ARE CALCULATED USING PRE-COMMERICAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tr>
<td>94-03</td>
<td>12/04/94</td>
<td>F</td>
<td>177.6</td>
<td>H</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td>AN AUTOMATIC SHUTDOWN OCCURRED WHEN THE ISOLATION LOGIC WAS SATISFIED AND A FULL MSIV ISOLATION OCCURRED DURING THE PERFORMANCE OF STP-058-6501, CONTAINMENT AND DRYWELL MANUAL ISOLATION ACTUATION CHANNEL FUNCTIONAL TEST.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
**FACILITY DESCRIPTION**

LOCATION
- **STATE**: LOUISIANA
- **COUNTY**: WEST FELICIANA

DIST AND DIRECTION FROM NEAREST POPULATION CTR.
- 24 MI NNW OF BATON ROUGE, LA

TYPE OF REACTOR
- BWR

DATE INITIAL CRITICALITY
- OCTOBER 31, 1985

DATE INITIAL ELECTRICITY
- DECEMBER 03, 1985

DATE COMMERCIAL OPERATE
- JUNE 16, 1986

CONDENSER COOLING METHOD
- MDCT

CONDENSER COOLING WATER
- MISSISSIPPI RIVER

ELECTRIC RELIABILITY COUNCIL
- SOUTHWEST POWER POOL

**UTILITY & CONTRACTOR INFORMATION**

UTILITY
- LICENSEE: ENTERGY OPERATIONS, INC.
  - CORPORATE ADDRESS: P.O. BOX 220
    ST. FRANCISVILLE LOUISIANA 77705

CONTRACTOR
- ARCHITECT/ENGINEER: STONE & WEBSTER
- NUC STEAM SYS SUPPLIER: GENERAL ELECTRIC
- CONSTRUCTOR: STONE & WEBSTER
- TURBINE SUPPLIER: GENERAL ELECTRIC

REGULATORY INFORMATION
- IE REGION RESPONSIBLE: 4
- IE RESIDENT INSPECTOR: WARD SMITH
- LICENSING PROJ MANAGER: RAMON V. AZUA
- DOCKET NUMBER: 50-458
- LICENSE & DATE ISSUANCE: NPF 047, NOVEMBER 20, 1985
1. Docket: 50-261

2. Reporting Period: DECEMBER 1994

3. Utility Contact: J. S. SCARBOROUGH (803) 857-1000

4. Licensed Thermal Power (MWt): 2300

5. Nameplate Rating (Gross MW): 739

6. Design Electrical Rating (Net MW): 700

7. Maximum Dependable Capacity (Gross MW): 700

8. Maximum Dependable Capacity (Net MW): 683

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs: 744.0

13. Hours Reactor Critical: 744.0

14. Rx Reserve Shutdn Hrs: 0.0

15. Hrs Generator On-Line: 744.0

16. Unit Reserve Shutdn Hrs: 0.0

17. Gross Therm Ener (MWh): 1,697,449.7

18. Gross Elec Ener (MWh): 561,971.0

19. Net Elec Ener (MWh): 536,120.0

20. Unit Service Factor: 100.0

21. Unit Avail Factor: 100.0

22. Unit Cap Factor (MDC Net): 105.5

23. Unit Cap Factor (DER Net): 102.9

24. Unit Forced Outage Rate: 0.0

25. Forced Outage Hours: 0.0

---

**AVERAGE DAILY POWER LEVEL (Net MW)**

<table>
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<th>POWER</th>
<th>DAY</th>
<th>POWER</th>
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<td>16</td>
<td>726</td>
<td>31</td>
<td>724</td>
</tr>
</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

- **REFUELING OUTAGE**, APRIL 29, 1995, 39 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</thead>
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<tr>
<td>1201</td>
<td>12/17/94</td>
<td>F</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>TA</td>
<td>VALVEX</td>
<td></td>
<td>RAMPED DOWN FOR TURBINE VALVE TEST, OST-551.</td>
</tr>
</tbody>
</table>

- **TYPE**
  - F: Forced
  - S: Scheduled

- **REASON**
  - A: Equipment Failure
  - B: Maintenance or Test
  - C: Refueling
  - D: Regulatory Restriction
  - E: Operator Training & License Examination
  - F: Administrative
  - G: Operational Error
  - H: Other

- **METHOD**
  - 1- Manual
  - 2- Manual Scram
  - 3- Auto Scram
  - 4- Continued
  - 5- Reduced Load
  - 9- Other

- **SYSTEM**
  - IEEE Standard
  - 805-1984 and/or
  - NUREG-0161 Exhibit F

- **COMPONENT**
  - IEEE Standard
  - 803A-1983 and/or
  - NUREG-0161 Exhibit H
<table>
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<tr>
<th>LOCATION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tr>
<td>STATE: SOUTH CAROLINA</td>
<td><strong>UTILITY</strong></td>
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<tr>
<td>COUNTY: DARLINGTON</td>
<td>LICENSEE: CAROLINA POWER &amp; LIGHT CO.</td>
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<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 26 MI FROM FLORENCE, SC</td>
<td>CORPORATE ADDRESS: P.O. BOX 1551</td>
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<tr>
<td>TYPE OF REACTOR: PWR</td>
<td>RALEIGH, NORTH CAROLINA 27602</td>
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<tr>
<td>DATE INITIAL CRITICALITY: SEPTEMBER 20, 1970</td>
<td>CONTRACTOR</td>
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<td>DATE INITIAL ELECTRICITY: SEPTEMBER 26, 1970</td>
<td>ARCHITECT/ENGINEER: EBASCO</td>
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<td>DATE COMMERCIAL OPERATE: MARCH 07, 1971</td>
<td>NUC STEAM SYS SUPPLIER: WESTINGHOUSE</td>
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<td>CONDENSER COOLING METHOD: RECIRCULATION</td>
<td>CONSTRUCTOR: EBASCO</td>
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<tr>
<td>CONDENSER COOLING WATER: ROBINSON IMPOUNDMENT</td>
<td>TURBINE SUPPLIER: WESTINGHOUSE</td>
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<td>ELECTRIC RELIABILITY COUNCIL: SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL</td>
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**REGULATORY INFORMATION**

IE REGION RESPONSIBLE: 2
IE RESIDENT INSPECTOR: WILLIAM ORDERS
LICENSING PROJ MANAGER: BRENDA L. MOZAFARI
DOCKET NUMBER: 50-261
LICENSE & DATE ISSUANCE: DPR 023, SEPTEMBER 23, 1970
1. Docket: 50-272
2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0
3. Utility Contact: MIKE MORRONI (609) 339-5142
4. Licensed Thermal Power (MWt): 341
5. Nameplate Rating (Gross MW): 1170
6. Design Electrical Rating (Net MW): 1115
7. Maximum Dependable Capacity (Gross MW): 1149
8. Maximum Dependable Capacity (Net MW): 1106
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MW): 
11. Reasons For Restrictions, If Any:
12. Report Period Hrs
   MONTH   YEAR   CUMULATIVE
   12.   744.0   8,760.0   153,457.0
13. Hours Reactor Critical
   13.   744.0   6,587.7   101,719.8
14. Rx Reserve Shtdn Hrs
   14.    0.0     0.0     0.0
15. Hrs Generator On-Line
   15.   744.0   5,868.4   97,756.4
16. Unit Reserve Shtdn Hrs
   16.    0.0     0.0     0.0
17. Gross Therm Ener (MWH)
   17.  2,357,760.0  19,279,588.8  310,051,181.8
18. Gross Elec Ener (MWH)
   18.  797,350.0   6,075,180.0  102,647,150.0
19. Net Elec Ener (MWH)
   19.  764,414.0   5,744,611.0  97,622,164.0
20. Unit Service Factor
   20.   100.0     67.0     63.7
21. Unit Avail Factor
   21.   100.0     67.0     63.7
22. Unit Cap Factor (MDC Net)
   22.    92.9     59.3     57.6
23. Unit Cap Factor (DER Net)
   23.    92.1     58.8     57.1
24. Unit Forced Outage Rate
   24.     0.0     25.9     21.3
25. Forced Outage Hours
   25.     0.0    2051.8    26,495.9
26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, APRIL 8, 1995, 60 DAYS.
27. If Currently Shutdown, Estimated Startup Date:
   Notes:
   LICENSEE REVISED MAY 1994 GROSS THERMAL ENERGY FROM 0.0 TO 2,376.0.

AVERAGE DAILY POWER LEVEL (Net MWe)

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### UNIT SHUTDOWNS AND POWER REDUCTIONS

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<th>No.</th>
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<td>PUMPXX</td>
<td>CIRCULATING WATER PUMPS.</td>
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**Legend:**

- **TYPE**
  - F: Forced
  - S: Scheduled

- **REASON**
  - A: Equipment Failure
  - B: Maintenance or Test
  - C: Refueling
  - D: Regulatory Restriction
  - E: Operator Training & License Examination
  - F: Administrative
  - G: Operational Error
  - H: Other

- **METHOD**
  - 1: Manual
  - 2: Manual Scram
  - 3: Auto Scram
  - 4: Continued
  - 5: Reduced Load
  - 9: Other

- **SYSTEM**
  - IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

- **COMPONENT**
  - IEEE Standard 803-1983 and/or NUREG-0161 Exhibit H
<table>
<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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</thead>
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<tr>
<td>LOCATION</td>
<td>PUBLIC SERVICE ELECTRIC &amp; GAS CO.</td>
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<td>STATE.......................... NEW JERSEY</td>
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<td>COUNTY......................... SALEM</td>
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<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR.....</td>
<td>PUBLIC SERVICES AND GAS COMPANY</td>
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<td>FACILITY DATA</td>
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<td>LICENSING PROJ MANAGER......... JAMES C. STONE</td>
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1. Docket: 50-311
   OPERATING STATUS

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. Utility Contact: MIKE MORRONI (609) 339-5142

4. Licensed Thermal Power (MWt): 3411
5. Nameplate Rating (Gross MW): 1170
6. Design Electrical Rating (Net MW): 1115
7. Maximum Dependable Capacity (Gross MW): 1149
8. Maximum Dependable Capacity (Net MW): 1106
9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW): 0
11. Reasons For Restrictions, If Any:

12. Report Period Hrs  
    MONTH YEAR CUMULATIVE
    744.0 8,760.0 115,873.0

13. Hours Reactor Critical  
    Rx Reserve Shtdwn Hrs
    0.0 0.0 0.0

14. Hrs Generator On-Line  
    0.0 6,078.4 72,967.9

15. Unit Reserve Shtdwn Hrs  
    0.0 0.0 0.0

16. Gross Therm Ener (MWH)  
    0.0 18,510,844.8 180,973,784.2

17. Gross Elec Ener (MWH)  
    0.0 5,903,490.0 76,449,969.0

18. Net Elec Ener (MWH)  
    (8,818.0) 5,596,267.0 72,723,545.0

19. Unit Service Factor  
    0.0 69.4 63.0

20. Unit Avail Factor  
    0.0 69.4 63.0

21. Unit Cap Factor (MDC Net)  
    0.0 57.8 56.7

22. Unit Cap Factor (DER Net)  
    0.0 57.3 56.3

23. Unit Forced Outage Rate  
    0.0 8.7 21.7

24. Forced Outage Hours  
    0.0 575.8 20,178.0

25. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

26. If Currently Shutdown, Estimated Startup Date: 01/13/95

Notes:
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<th>No.</th>
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<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
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<th>Component</th>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.......................... NEW JERSEY
COUNTY......................... SALEM

DIST AND DIRECTION FROM NEAREST POPULATION CTR. 18 MI S OF WILMINGTON, DE

TYPE OF REACTOR................. PWR

DATE INITIAL CRITICALITY....... AUGUST 08, 1980
DATE INITIAL ELECTRICITY....... JUNE 03, 1981
DATE COMMERCIAL OPERATE...... OCTOBER 13, 1981

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER....... DELAWARE RIVER

ELECTRIC RELIABILITY COUNCIL................. MID-ATLANTIC AREA COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE....................... PUBLIC SERVICE ELECTRIC & GAS CO.
CORPORATE ADDRESS............ 80 PARK PLACE
NEWARK, NEW JERSEY 07101

CONTRACTOR
ARCHITECT/ENGINEER........... PUBLIC SERVICES AND GAS COMPANY
NUC STEAM SYS SUPPLIER....... WESTINGHOUSE
CONSTRUCTOR.................... UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER............... WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE........... 1
IE RESIDENT INSPECTOR........... CHARLES MARSHALL
LICENSING PROJ MANAGER........... JAMES C. STONE
DOCKET NUMBER................... 50-311
LICENSE & DATE ISSUANCE....... DPR 075, MAY 20, 1981
1. **Docket:** 50-361

2. **Report Period:** DECEMBER 1994
   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** J. L. DARLING (714) 368-6223

4. **Licensed Thermal Power (MWe):** 3390

5. **Nameplate Rating (Gross MWe):** 1127

6. **Design Electrical Rating (Net MWe):** 1070

7. **Maximum Dependable Capacity (Gross MWe):** 1127

8. **Maximum Dependable Capacity (Net MWe):** 1070

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

12. **Report Period Hrs**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
</tbody>
</table>

13. **Hours Reactor Critical**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>744.0</td>
<td>8,760.0</td>
</tr>
</tbody>
</table>

14. **Rx Reserve Shdn Hrs**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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</thead>
<tbody>
<tr>
<td>14</td>
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</table>

15. **Hrs Generator On-Line**

<table>
<thead>
<tr>
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<th>YEAR</th>
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<tbody>
<tr>
<td>15</td>
<td>744.0</td>
<td>8,760.0</td>
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</tbody>
</table>

16. **Unit Reserve Shdn Hrs**

<table>
<thead>
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<th>MONTH</th>
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<th>CUMULATIVE</th>
</tr>
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<tbody>
<tr>
<td>16</td>
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</tr>
</tbody>
</table>

17. **Gross Therm Ener (MMH)**

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
<td>17</td>
<td>2,522,349.1</td>
<td>28,803,599.4</td>
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18. **Gross Elec Ener (MMH)**

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<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
<td>18</td>
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19. **Net Elec Ener (MMH)**

<table>
<thead>
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<tr>
<td>19</td>
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<td>9,309,360.0</td>
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20. **Unit Service Factor**

<table>
<thead>
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<th>CUMULATIVE</th>
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<tbody>
<tr>
<td>20</td>
<td>100.0</td>
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21. **Unit Avail Factor**

<table>
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<tbody>
<tr>
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22. **Unit Cap Factor (MDC Net)**

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23. **Unit Cap Factor (DER Net)**

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<tbody>
<tr>
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<td>99.3</td>
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24. **Unit Forced Outage Rate**

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25. **Forced Outage Hours**

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</table>

**26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

   **REFUELING OUTAGE, FEBRUARY 11, 1995, 64 DAYS.**

**27. If Currently Shutdown, Estimated Startup Date:**

**Notes:**

---

**Average Daily Power Level (Net MWe):**

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<th>POWER</th>
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Page 2-253
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
## FACILITY DESCRIPTION

**LOCATION**
- **STATE**: CALIFORNIA
- **COUNTY**: SAN DIEGO

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**
- 5 MI SE OF SAN CLEMENTE, CA

**TYPE OF REACTOR**
- PWR

**DATE INITIAL CRITICALITY**
- JULY 26, 1982

**DATE INITIAL ELECTRICITY**
- SEPTEMBER 20, 1982

**DATE COMMERCIAL OPERATE**
- AUGUST 08, 1983

**CONDENSER COOLING METHOD**
- ONCE THRU

**CONDENSER COOLING WATER**
- PACIFIC OCEAN

## UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: SOUTHERN CALIFORNIA EDISON CO.
- **CORPORATE ADDRESS**: P.O. BOX 800 ROSEMEAD, CALIFORNIA 91770

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: BECHTEL
- **NUC STEAM SYS SUPPLIER**: COMBUSTION ENGINEERING
- **CONSTRUCTOR**: BECHTEL
- **TURBINE SUPPLIER**: GENERAL ELECTRIC COM (ENG VERSION)

## REGULATORY INFORMATION

- **IE REGION RESPONSIBLE**: 4
- **IE RESIDENT INSPECTOR**: JAMES SLOAN
- **LICENSING PROJ MANAGER**: MEL B. FIELDS
- **DOCKET NUMBER**: 50-361
- **LICENSE & DATE ISSUANCE**: NPF 010, SEPTEMBER 07, 1982
**SA# ONOFRE 3**

**OPERATING STATUS**

1. Docket: 50-362
2. Reporting Period: DECEMBER 1994
3. Utility Contact: J. L. DARLING (714) 368-6223

**Licensed Thermal Power (MWe):** 3390

**Nameplate Rating (Gross MWe):** 1127

**Design Electrical Rating (Net MWe):** 1080

**Maximum Dependable Capacity (Gross MWe):** 1127

**Maximum Dependable Capacity (Net MWe):** 1080

If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
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<tr>
<td>13. Hours Reactor Critical</td>
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<td>8,760.0</td>
</tr>
<tr>
<td>14. Rx Reserve Shdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>8,746.6</td>
</tr>
<tr>
<td>16. Unit Reserve Shdown Hrs</td>
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<td>0.0</td>
</tr>
<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>2,440,822.0</td>
<td>28,676,255.9</td>
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<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>832,939.5</td>
<td>9,689,269.5</td>
</tr>
<tr>
<td>19. Net Elec Ener (MWH)</td>
<td>709,637.0</td>
<td>9,177,872.0</td>
</tr>
<tr>
<td>20. Unit Service Factor</td>
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<td>99.8</td>
</tr>
<tr>
<td>21. Unit Avail Factor</td>
<td>100.0</td>
<td>99.8</td>
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<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
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<td>97.0</td>
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<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>98.3</td>
<td>97.0</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
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</tbody>
</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

<table>
<thead>
<tr>
<th>POWER LEVEL TO WHICH RESTRICTED (Net MWe)</th>
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<tbody>
<tr>
<td>DAY</td>
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</table>

LICENSEE REVISED APRIL 1994 GENERATOR ON LINE HOURS FROM 701.1 TO 705.6.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
F: Forced
S: Scheduled

**REASON**
A: Equipment Failure
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training & License Examination
F: Administrative
G: Operational Error
H: Other

**METHOD**
1: Manual
2: Manual Scram
3: Auto Scram
4: Continued
5: Reduced Load
9: Other

**SYSTEM**
IEEE Standard
B05-1984 and/or
NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard
B03A-1983 and/or
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE .................... CALIFORNIA
COUNTY ................... SAN DIEGO

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 5 MI SE OF SAN CLEMENTE, CA

TYPE OF REACTOR.......... PWR
DATE INITIAL CRITICALITY...... AUGUST 29, 1983
DATE INITIAL ELECTRICITY ...... SEPTEMBER 25, 1983
DATE COMMERCIAL OPERATE...... APRIL 01, 1984
CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER...... PACIFIC OCEAN
ELECTRIC RELIABILITY COUNCIL......................... WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE ................. SOUTHERN CALIFORNIA EDISON CO.
CORPORATE ADDRESS ........ P.O. BOX 800
ROSEMEAD, CALIFORNIA 91770

CONTRACTOR

ARCHITECT/ENGINEER........ BECHTEL
NUC STEAM SYS SUPPLIER...... COMBUSTION ENGINEERING
CONSTRUCTOR.................. BECHTEL
TURBINE SUPPLIER............. GENERAL ELECTRIC COM (ENG VERSION)

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 4
IE RESIDENT INSPECTOR......... JAMES SLOAN
LICENSING PROJ MANAGER ........ MEL B. FIELDS
DOCKET NUMBER ................. 50-362
LICENSE & DATE ISSUANCE....... NPF 015, SEPTEMBER 16, 1983
1. Docket: 50-443

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: P. E. NARDONE (603) 474-9521 EXT. 4074

4. Licensed Thermal Power (MWe): 3411

5. Nameplate Rating (Gross MWe): 1197

6. Design Electrical Rating (Net MWe): 1148

7. Maximum Dependable Capacity (Gross MWe): 1200

8. Maximum Dependable Capacity (Net MWe): 1150

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shutoff Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shutoff Hrs 0.0

17. Gross Therm Ener (MWh) 2,537,531.0

18. Gross Elec Ener (MWh) 891,902.0

19. Net Elec Ener (MWh) 858,246.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 100.3

23. Unit Cap Factor (DER Net) 100.5

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE VALUES FOR ITEMS 12-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.
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<th>No.</th>
<th>Date</th>
<th>Type</th>
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<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
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**REASON**
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- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
<table>
<thead>
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<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>STATE....................</td>
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</tr>
<tr>
<td>COUNTY....................</td>
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<td>TYPE OF REACTOR........</td>
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<td>MAY 29, 1990</td>
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<td>AUGUST 19, 1990</td>
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<td>CONDENSER COOLING WATER</td>
<td>ATLANTIC OCEAN</td>
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<tbody>
<tr>
<td>LICENSEE.............</td>
</tr>
<tr>
<td>NORTH ATLANTIC ENERGY SERVICE CORP.</td>
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<tr>
<td>CORPORATE ADDRESS....</td>
</tr>
<tr>
<td>P.O. BOX 300</td>
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<td>SEABROOK, NEW HAMPSHIRE 03874</td>
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<th>CONTRACTOR</th>
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<tr>
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<tr>
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<td>IE RESIDENT INSPECTOR...</td>
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<tr>
<td>RICHARD LAURA</td>
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<td>LICENSING PROJ MANAGER...</td>
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<tr>
<td>ALBERT W. DEAGAZIO</td>
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<td>DOCKET NUMBER...........</td>
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1. Docket: 50-327 OPERATING STATUS

2. Reporting Period: DECEMBER 1994 Outage + On-Line Hrs: 744.0

3. Utility Contact: T. J. HOLLOMON (615) 843-7528

4. Licensed Thermal Power (MWt): 3411
5. Nameplate Rating (Gross MWe): 1221
6. Design Electrical Rating (Net MWe): 1148
7. Maximum Dependable Capacity (Gross MWe): 1151
8. Maximum Dependable Capacity (Net MWe): 1111

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

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13. Hours Reactor Critical

14. Rx Reserve Shutdown Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shutdown Hrs

17. Gross Therm Ener (MWh)

18. Gross Elec Ener (MWh)

19. Net Elec Ener (MWh)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

---

Page 2-262
<table>
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FACILITY DESCRIPTION

LOCATION
STATE............................... TENNESSEE
COUNTY............................... HAMILTON

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 9.5 MI NE OF CHATTANOOGA, TN

TYPE OF REACTOR..................... PWR
DATE INITIAL CRITICALITY......... JULY 05, 1980
DATE INITIAL ELECTRICITY........ JULY 22, 1980
DATE COMMERCIAL OPERATE........... JULY 01, 1981
CONDENSER COOLING METHOD........... ONCE THRU
CONDENSER COOLING WATER............ CHICKAMAUGA LAKE
ELECTRIC RELIABILITY COUNCIL........ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.............................. TENNESSEE VALLEY AUTHORITY
CORPORATE ADDRESS.............. 400 WEST SUMMIT HILL DRIVE
                                 KNOXVILLE, TENNESSEE 37933

CONTRACTOR
ARCHITECT/ENGINEER.............. TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER........ WESTINGHOUSE
CONSTRUCTOR...................... TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER............... WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE........... 2
IE RESIDENT INSPECTOR.......... WILLIAM HOLLAND
LICENSING PROJ MANAGER......... DAVID E. LABARGE
DOCKET NUMBER.................... 50-327
LICENSE & DATE ISSUANCE......... DPR 077, SEPTEMBER 17, 1980
**SEQUOYAH 2**

**OPERATING STATUS**

1. **Docket:** 50-328
2. **Reporting Period:** DECEMBER 1994
   - Outage + On-Line Hrs: 744.0
3. **Utility Contact:** T. J. HOLLWON (615) 843-7528
4. **Licensed Thermal Power (MWe):** 3411
5. **Nameplate Rating (Gross MWe):** 1221
6. **Design Electrical Rating (Net MWe):** 1148
7. **Maximum Dependable Capacity (Gross MWe):** 1146
8. **Maximum Dependable Capacity (Net MWe):** 1106
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. **Power Level To Which Restricted, If Any (Net MWe):**
11. **Reasons For Restrictions, If Any:**

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<td>12. Report Period Hrs</td>
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<td>13. Hours Reactor Critical</td>
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<td>14. Rx Reserve Shutdown Hrs</td>
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<td>16. Unit Reserve Shutdown Hrs</td>
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<td>17. Gross Therm Ener (MWh)</td>
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<td>18. Gross Elec Ener (MWh)</td>
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<td>19. Net Elec Ener (MWh)</td>
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<td>20. Unit Service Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<td>25. Forced Outage Hours</td>
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26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**
27. If Currently Shutdown, Estimated Startup Date:

**Notes:**
## UNIT SHUTDOWNS AND POWER REDUCTIONS

**Report Period: DECEMBER 1994**

<table>
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<th>No.</th>
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<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**

F: Forced  
S: Scheduled  

**REASON**

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

**METHOD**

1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other  

**SYSTEM**

IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F  

**COMPONENT**

IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H  

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Page 2-266
Facility Description

Location
State: Tennessee
County: Hamilton

Dist and Direction from Nearest Population Ctr.: 9.5 mi NE of Chattanooga, TN

Type of Reactor: PWR

Date Initial Criticality: November 05, 1981
Date Initial Electricity: December 23, 1981
Date Commercial Operate: June 01, 1982

Condenser Cooling Method: Once Thru
Condenser Cooling Water: Chickamauga Lake

Electric Reliability Council: Southeastern Electric Reliability Council

Utility & Contractor Information

Utility
Licensee: Tennessee Valley Authority
Corporate Address: 400 West Summit Hill Drive, Knoxville, Tennessee 37933

Contractor
Architect/Engineer: Tennessee Valley Authority
Nuc Steam Sys Supplier: Westinghouse
Constructor: Tennessee Valley Authority
Turbine Supplier: Westinghouse

Regulatory Information
IE Region Responsible: 2
IE Resident Inspector: William Holland
Licensing Proj Manager: David E. Labarge
Docket Number: 50-328
License & Date Issuance: DPR 079, September 15, 1981
1. Docket: 50-498  

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  

3. Utility Contact: R. L. HILL (512) 972-7667  

4. Licensed Thermal Power (MWe): 3800  

5. Nameplate Rating (Gross MWe): 1311  

6. Design Electrical Rating (Net MWe): 1251  

7. Maximum Dependable Capacity (Gross MWe): 0  

8. Maximum Dependable Capacity (Net MWe): 1251  

9. If Changes Occurred Above Since Last Report, Give Reasons: 

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</table>

10. Power Level To Which Restricted, If Any (Net MWe):  

11. Reasons For Restrictions, If Any:  

12. Report Period Hrs 744.0  
   8,760.0  
   55,681.0  

13. Hours Reactor Critical 744.0  
   7,080.3  
   33,942.0  

14. Rx Reserve Shutdown Hrs 0.0  
   0.0  
   0.0  

15. Hrs Generator On-Line 744.0  
   6,843.3  
   32,767.1  

16. Unit Reserve Shutdown Hrs 0.0  
   0.0  
   0.0  

17. Gross Therm Ener (MWH) 2,833,893.0  
   25,156,473.0  
   119,821,979.0  

18. Gross Elec Ener (MWH) 979,240.0  
   8,640,300.0  
   40,654,960.0  

19. Net Elec Ener (MWH) 939,703.0  
   8,251,408.0  
   38,510,952.0  

20. Unit Service Factor 100.0  
   78.1  
   58.8  

21. Unit Avail Factor 100.0  
   78.1  
   58.8  

22. Unit Cap Factor (MDC Net) 101.0  
   75.3  
   55.3  

23. Unit Cap Factor (DER Net) 101.0  
   75.3  
   55.3  

24. Unit Forced Outage Rate 0.0  
   21.8  
   30.3  

25. Forced Outage Hours 0.0  
   1910.8  
   14,226.7  

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
   REFUELING OUTAGE, MARCH 4, 1995, 45 DAYS.  

27. If Currently Shutdow, Estimated Startup Date:  

Notes:  
MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) NOT PROVIDED.
Report Period: DECEMBER 1994

UNIT SHUTDOWNs AND POWER REDUCTIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE....................... TEXAS
COUNTY...................... MATAGORDA

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 12 MI SSW OF BAY CITY, TX

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY..... MARCH 08, 1988
DATE INITIAL ELECTRICITY..... MARCH 30, 1988
DATE COMMERCIAL OPERATE...... AUGUST 25, 1988

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER...... COLORADO RIVER

ELECTRIC RELIABILITY COUNCIL.................. EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE...................... HOUSTON LIGHTING & POWER CO.
CORPORATE ADDRESS............ P.O. BOX 1700
HOUSTON, TEXAS 77001

CONTRACTOR

ARCHITECT/ENGINEER............ BECHTEL
NUC STEAM SYS SUPPLIER........ WESTINGHOUSE
CONSTRUCTOR.................. EBASCO
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........... 4
IE RESIDENT INSPECTOR.......... DAVID LOVELESS
LICENSING PROJ MANAGER........ LAWRENCE E. KOKAJKO
DOCKET NUMBER.................. 50-698
LICENSE & DATE ISSUANCE....... NPF 076, MARCH 22, 1988
**Docket: 50-499**

**OPERATING STATUS**

1. Reporting Period: **DECEMBER 1994**  
   Outage + On-Line Hrs: **744.0**

2. Utility Contact: **R. L. HILL (512) 972-7667**

3. Licensed Thermal Power (MWe):  
   **3800**

4. Nameplate Rating (Gross MWe):  
   **1311**

5. Design Electrical Rating (Net MWe):  
   **1251**

6. Maximum Dependable Capacity (Gross MWe):  
   **0**

7. Maximum Dependable Capacity (Net MWe):  
   **1251**

8. If Changes Occurred Above Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

11. Report Period Hrs  
    **744.0**

12. Hours Reactor Critical  
    **744.0**

13. RX Reserve Shutdown Hrs  
    **0.0**

14. Hrs Generator On-Line  
    **744.0**

15. Unit Reserve Shutdown Hrs  
    **0.0**

16. Gross Therm Ener (MWH)  
    **2,719,383.0**

17. Gross Elec Ener (MWH)  
    **937,870.0**

18. Net Elec Ener (MWH)  
    **899,558.0**

19. Unit Service Factor  
    **100.0**

20. Unit Avail Factor  
    **100.0**

21. Unit Cap Factor (MDC Net)  
    **96.6**

22. Unit Cap Factor (DER Net)  
    **96.6**

23. Unit Forced Outage Rate  
    **0.0**

24. Forced Outage Hours  
    **0.0**

25. Cumulative MONTH  
    **YEAR**

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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

- **MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) NOT PROVIDED.**
<table>
<thead>
<tr>
<th>No.</th>
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<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
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</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 805A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE....................... TEXAS

COUNTY..................... MATAGORDA

DIST AND DIRECTION FROM NEAREST POPULATION CTR.... 12 MI SSW OF BAY CITY, TX

TYPE OF REACTOR............. PWR

DATE INITIAL CRITICALITY..... MARCH 12, 1989

DATE INITIAL ELECTRICITY..... APRIL 11, 1989

DATE COMMERCIAL OPERATE..... JUNE 19, 1989

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... COLORADO RIVER

ELECTRIC RELIABILITY COUNCIL.......................... EAST CENTRAL AREA RELIABILITY COORDINATION AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.......................... HOUSTON LIGHTING & POWER CO.

CORPORATE ADDRESS........... P.O. BOX 1700
HOUSTON, TEXAS 77001

CONTRACTOR

ARCHITECT/ENGINEER........... BECHTEL

NUC STEAM SYS SUPPLIER...... WESTINGHOUSE

CONSTRUCTOR.................... EBASCO

TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 4

IE RESIDENT INSPECTOR......... DAVID LOVELESS

LICENSING PROJ MANAGER........ LAWRENCE E. KOKAJKO

DOCKET NUMBER................. 50-499

LICENSE & DATE ISSUANCE....... NPF 080, MARCH 28, 1989
1. **Docket**: 50-335
   - **Operating Status**

2. **Reporting Period**: DECEMBER 1994
   - Outage + On-Line Hrs: 744.0

3. **Utility Contact**: GEORGE MADDEN (407) 468-4298

4. **Licensed Thermal Power (MWe)**: 2700
5. **Nameplate Rating (Gross MWe)**: 850
6. **Design Electrical Rating (Net MWe)**: 830
7. **Maximum Dependable Capacity (Gross MWe)**: 872
8. **Maximum Dependable Capacity (Net MWe)**: 839
9. If Changes Occurred Above Since Last Report, Give Reasons:

10. **Power Level To Which Restricted, If Any (Net MWe)**:
11. **Reasons For Restrictions, If Any**:

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<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<td>Report Period Hrs</td>
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<td>Hours Reactor Critical</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

*CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.*
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
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<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tbody>
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<td>21</td>
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<td>POWER HOLD FOR PHYSICS TESTING AND TURBINE OVERSPEED TRIP TEST.</td>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
Facility Description

Location

State: Florida
County: St. Lucie

Dist and Direction from Nearest Population Ctr.: 12 Mi SE of Ft. Pierce, FL

Type of Reactor: PWR

Date Initial Criticality: April 22, 1976
Date Initial Electricity: May 07, 1976
Date Commercial Operate: December 21, 1976

Condenser Cooling Method: Once Thru
Condenser Cooling Water: Atlantic Ocean

Electric Reliability Council: Southeastern Electric Reliability Council

Utility & Contractor Information

Utility

Licensee: Florida Power & Light Co.
Corporate Address: 9250 West Flagler Street, Miami, Florida 33102

Contractor

Architect/Engineer: EBASCO
Nuc Steam Sys Supplier: Combustion Engineering
Constructor: EBASCO
Turbine Supplier: Westinghouse

Regulatory Information

IE Region Responsible: 2
IE Resident Inspector: Richard Prevatte
Licensing Proj Manager: Jan Adam Norris
Docket Number: 50-335
License & Date Issuance: DPR 067, March 01, 1976
Docket: 50-389

Operating Status

Reporting Period: DECEMBER 1994
Outage + On-Line Hrs: 744.0

Utility Contact: GEORGE MADDEN (407) 468-4298

Licensed Thermal Power (MWe):
Nameplate Rating (Gross MWe):
Design Electrical Rating (Net MWe):
Maximum Dependable Capacity (Gross MWe):
Maximum Dependable Capacity (Net MWe):
Utility Contact:

If Changes Occurred Above Since Last Report, Give Reasons:

Power Level To Which Restricted, If Any (Net MWe):
Reasons For Restrictions, If Any:

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<tr>
<th>MONTH</th>
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Report Period Hrs
Hours Reactor Critical
Rx Reserve Shtdm Hrs
Hrs Generator On-Line
Unit Reserve Shtdm Hrs
Gross Therm Ener (MWh)
Gross Elec Ener (MWh)
Net Elec Ener (MWh)
Unit Service Factor
Unit Avail Factor
Unit Cap Factor (MDC Net)
Unit Cap Factor (DER Net)
Unit Forced Outage Rate
Forced Outage Hours

Cumulative Unit Capacity Factors (MDC & DER) are calculated with weighted averages.

Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
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<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<td>HTEXCH</td>
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**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803-1984 and/or NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

**LOCATION**
- **STATE**: FLORIDA
- **COUNTY**: ST LUCIE
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 12 MI SE OF FT. PIERCE, FL

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: JUNE 02, 1983

**DATE INITIAL ELECTRICITY**: JUNE 13, 1983

**DATE COMMERCIAL OPERATE**: AUGUST 08, 1983

**CONDENSER COOLING METHOD**: ONCE THRU

**CONDENSER COOLING WATER**: ATLANTIC OCEAN

**ELECTRIC RELIABILITY COUNCIL**: SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**
- **LICENSEE**: FLORIDA POWER & LIGHT CO.
- **CORPORATE ADDRESS**: 9250 WEST FLAGLER STREET, MIAMI, FLORIDA 33102

**CONTRACTOR**
- **ARCHITECT/ENGINEER**: EBASCO
- **NUC STEAM SYS SUPPLIER**: COMBUSTION ENGINEERING
- **CONSTRUCTOR**: EBASCO
- **TURBINE SUPPLIER**: WESTINGHOUSE

### REGULATORY INFORMATION

**IE REGION RESPONSIBLE**: 2

**IE RESIDENT INSPECTOR**: RICHARD PREVATTE

**LICENSING PROJ MANAGER**: JAN ADAM NORRIS

**DOCKET NUMBER**: 50-389

**LICENSE & DATE ISSUANCE**: NPF 016, JUNE 10, 1983
11. Reasons for restrictions, if any:

10. Power level to which restricted, if any (net MWh):

9. If changes occurred above since last report, give reasons:

8. Maximum dependable capacity (net MWh):

7. Maximum dependable capacity (cross overs MWh):

6. Design Electrical Rating (net MWh):

5. Maximum Electric Rating (net MWh):

4. Licensed thermal power (MWT):

3. Utilities connected to M.W. interconnector (Gantry 343-4279):

2. Reporting Period: December 1994

1. Docket: 90-355

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**AVG DAILY POWER LEVEL (NET MWh)**

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25. Forced outage hours
24. Unit Forced outage rate
23. Unit Forced outage MWh
22. Unit Forced outage (net MWh)
21. Unit Forced outage (cross overs MWh)
20. Unit Forced outage (Gantry 343-4279)
19. Unit Forced outage (cross overs MWh)
18. Unit Forced outage (net MWh)
17. Unit Forced outage (cross overs MWh)
16. Unit Forced outage (cross overs MWh)
15. Unit Forced outage (net MWh)
14. Unit Forced outage (cross overs MWh)
13. Unit Forced outage (cross overs MWh)
12. Unit Forced outage (cross overs MWh)
11. Unit Forced outage (cross overs MWh)
10. Unit Forced outage (cross overs MWh)
9. Unit Forced outage (cross overs MWh)
8. Unit Forced outage (cross overs MWh)
7. Unit Forced outage (cross overs MWh)
6. Unit Forced outage (cross overs MWh)
5. Unit Forced outage (cross overs MWh)
4. Unit Forced outage (cross overs MWh)
3. Unit Forced outage (cross overs MWh)
2. Unit Forced outage (cross overs MWh)
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**CUMULATIVE**

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**LEGEND**

- **Type**: F: Forced, S: Scheduled
- **Reason**: A-Equipment Failure, B-Maintenance or Test, C-Refueling, D-Regulatory Restriction, E-Operator Training & License Examination, F-Administrative, G-Operational Error, H-Other
- **Method**: 1-Manual, 2-Manual Scram, 3-Auto Scram, 4-Continued, 5-Reduced Load, 9-Other
- **System**: IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- **Component**: IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE...................... SOUTH CAROLINA
COUNTY..................... FAIRFIELD

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 26 MI NW OF COLUMBIA, SC

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY...... OCTOBER 22, 1982
DATE INITIAL ELECTRICITY...... NOVEMBER 16, 1982
DATE COMMERCIAL OPERATE...... JANUARY 01, 1984

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER....... MONTICELLO RESERVOIR

ELECTRIC RELIABILITY COUNCIL.................... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..................... SOUTH CAROLINA ELECTRIC & GAS CO.
CORPORATE ADDRESS............. P.O. BOX 764
COLUMBIA, SOUTH CAROLINA 29218

CONTRACTOR

ARCHITECT/ENGINEER............. GILBERT ASSOCIATES
NUC STEAM SYS SUPPLIER........ WESTINGHOUSE
CONSTRUCTOR.................... DANIEL INTERNATIONAL
TURBINE SUPPLIER................ GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.......... 2
IE RESIDENT INSPECTOR.......... ROBERT HAAG
LICENSING PROJ MANAGER........ GEORGE F. WUNDER
DOCKET NUMBER.................. 50-395
LICENSE & DATE ISSUANCE........ NPF 012, NOVEMBER 12, 1982
1. Docket: 50-280

2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0

3. Utility Contact: D. MASON (804) 365-2459

4. Licensed Thermal Power (MWe): 2441

5. Nameplate Rating (Gross MWe): 848

6. Design Electrical Rating (Net MWe): 788

7. Maximum Dependable Capacity (Gross MWe): 820

8. Maximum Dependable Capacity (Net MWe): 781

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs  
13. Hours Reactor Critical  
14. Rx Reserve Shtdown Hrs  
15. Hrs Generator On-Line  
16. Unit Reserve Shtdown Hrs  
17. Gross Therm Ener (MWH)  
18. Gross Elec Ener (MWH)  
19. Net Elec Ener (MWH)  
20. Unit Service Factor  
21. Unit Avail Factor  
22. Unit Cap Factor (MDC Net)  
23. Unit Cap Factor (DER Net)  
24. Unit Forced Outage Rate  
25. Forced Outage Hours  

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

AVERAGE DAILY POWER LEVEL (Net MWe)

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CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
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<td>JD</td>
<td>RCT</td>
<td>TURBINE RUNBACK INITIATED WHEN IRPI K-02 FAILED. IRPI K-02 INSTRUMENTATION CABLE WAS REPLACED.</td>
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</table>

**TYPE**
F: Forced
S: Scheduled

**REASON**
A-Equipment Failure
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error
H-Other

**METHOD**
1-Manual
2-Manual Scram
3-Auto Scram
4-Continued
5-Reduced Load
6-Other

**SYSTEM**
IEEE Standard
805-1984 and/or
NUREG-0161 Exhibit F

**COMPONENT**
IEEE Standard
803A-1983 and/or
NUREG-0161 Exhibit N
Report Period DECEMBER 1994

FACILITY DATA

* SURRY 1 *

FACILITY DESCRIPTION

LOCATION
STATE................. VIRGINIA
COUNTY................. SURRY

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17 MI NW OF NEWPORT NEWS, VA

TYPE OF REACTOR............ PWR

DATE INITIAL CRITICALITY...... JULY 01, 1972
DATE INITIAL ELECTRICITY...... JULY 04, 1972

DATE COMMERCIAL OPERATE...... DECEMBER 22, 1972

CONDENSER COOLING METHOD...... ONCE THRU
CONDENSER COOLING WATER...... JAMES RIVER

ELECTRIC RELIABILITY COUNCIL.................. SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE..................... VIRGINIA ELECTRIC & POWER CO.
CORPORATE ADDRESS........... P.O. BOX 26666
RICHMOND, VIRGINIA 23261

CONTRACTOR
ARCHITECT/ENGINEER........... STONE & WEBSTER
NUC STEAM SYS SUPPLIER....... WESTINGHOUSE
CONSTRUCTOR................. STONE & WEBSTER
TURBINE SUPPLIER............. WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 2
IE RESIDENT INSPECTOR......... MORRIS BRANCH
LICENSING PROJ MANAGER........ BARTHOLOMEW C. BUCKLEY
DOCKET NUMBER.................. 50-280
LICENSE & DATE ISSUANCE....... DPR 032, MAY 25, 1972
**SURRY 2**

**OPERATING STATUS**

1. **Docket:** 50-281

2. **Reporting Period:** DECEMBER 1994

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<td>15. Hrs Generator On-Line</td>
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</table>

3. **Utility Contact:** D. MASON (804) 365-2459

4. **Licensed Thermal Power (MWt):** 2441

5. **Nameplate Rating (Gross MWe):** 848

6. **Design Electrical Rating (Net MWe):** 788

7. **Maximum Dependable Capacity (Gross MWe):** 820

8. **Maximum Dependable Capacity (Net MWe):** 781

9. **If Changes Occurred Above Since Last Report, Give Reasons:**

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

12. **Gross Therm Ener (MWH):** 1,814,475.4

13. **Gross Elec Ener (MWH):** 605,405.0

14. **Net Elec Ener (MWH):** 584,305.0

15. **Unit Service Factor**

16. **Unit Avail Factor**

17. **Unit Cap Factor (MDC Net)**

18. **Unit Cap Factor (DER Net)**

19. **Unit Forced Outage Rate**

20. **Forced Outage Hours**

21. **CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.**

**AVG DAILY POWER LEVEL (Net MWe)**

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<th>DAY</th>
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<tr>
<td>16</td>
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</table>

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

   - REFUELING OUTAGE, FEBRUARY 2, 1995, 53 DAYS.

27. **If Currently Shutdown, Estimated Startup Date:**

   - Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**TYPE**  
F: Forced  
S: Scheduled  

**REASON**  
A-Equipment Failure  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error  
H-Other  

**METHOD**  
1-Manual  
2-Manual Scram  
3-Auto Scram  
4-Continued  
5-Reduced Load  
9-Other  

**SYSTEM**  
IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F  

**COMPONENT**  
IEEE Standard  
803A-1983 and/or  
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION

STATE................. VIRGINIA
COUNTY............... SURRY

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17 MI NW OF NEWPORT NEWS, VA

TYPE OF REACTOR........ PWR
DATE INITIAL CRITICALITY..... MARCH 07, 1973
DATE INITIAL ELECTRICITY...... MARCH 10, 1973
DATE COMMERCIAL OPERATE..... MAY 01, 1973

CONDENSER COOLING METHOD..... ONCE THRU
CONDENSER COOLING WATER...... JAMES RIVER

ELECTRIC RELIABILITY COUNCIL................... SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.............. VIRGINIA ELECTRIC & POWER CO.
CORPORATE ADDRESS....... P.O. BOX 26666
........................... RICHMOND, VIRGINIA 23261

ARCHITECT/ENGINEER........ STONE & WEBSTER
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR............... STONE & WEBSTER
TURBINE SUPPLIER.......... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE....... 2
IE RESIDENT INSPECTOR....... MORRIS BRANCH
LICENSED PROJ MANAGER....... BARTHOLOMEW C. BUCKLEY
DOCKET NUMBER............... 50-281
LICENSE & DATE ISSUANCE..... DPR 037, JANUARY 29, 1973
1. Docket: 50-387

OPERATING STATUS

2. Reporting Period: DECEMBER 1994
   Outage + On-Line Hrs: 744.0

3. Utility Contact: R. S. BALL (717) 542-3453

4. Licensed Thermal Power (MWe):
   1152

5. Nameplate Rating (Gross MWe):
   3293

6. Design Electrical Rating (Net MWe):
   1078

7. Maximum Dependable Capacity (Gross MWe):
   1040

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, if Any:

   MONTH     YEAR     CUMULATIVE
   REPORT PERIOD HRS  744.0   8,760.0   101,401.0
   HOURS REACTOR CRITICAL  744.0   8,292.4   79,240.9
   RX RESERVE SHUTDOWN HRS  0.0     0.0    1,032.0
   HRS GENERATOR ON-LINE  744.0   8,249.5   77,754.8
   UNIT RESERVE SHUTDOWN HRS  0.0     0.0     0.0
   GROSS THERM ENER (MWH) 2,421,800.0 26,671,352.0 245,157,870.0
   GROSS ELECTR ENER (MWH) 802,852.0  8,728,866.0  80,083,220.0
   NET ELECTR ENER (MWH)  775,577.0  8,414,452.0  76,976,960.0
   UNIT SERVICE FACTOR  100.0     96.2     76.7
   UNIT AVAIL FACTOR  100.0     96.2     76.7
   UNIT CAP FACTOR (MDC NET) 100.2   92.4    73.0
   UNIT CAP FACTOR (DER NET)  99.3     91.5    72.3
   UNIT FORCED OUTAGE RATE  0.0      0.0      7.7
   FORCED OUTAGE HOURS  0.0      0.0     6,441.1

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, MARCH 25, 1995, 50 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

LICENSEE REVISED JANUARY 1994 GROSS THERMAL ENERGY FROM 582,578.0 TO 503,515.0.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tbody>
<tr>
<td>9</td>
<td>12/16/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>XX</td>
<td>222</td>
<td></td>
<td>POWER REDUCTION TO PERFORM A CONTROL ROD SEQUENCE EXCHANGE. OTHER WORK PERFORMED DURING THE DOWNPOWER INCLUDED REACTOR RECIRC MG SET BRUSH CHANGEOUT AND SCRAM TIME TESTING.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A-Equipment Failure
- B-Maintenance or Test
- C-Refueling
- D-Regulatory Restriction
- E-Operator Training & License Examination
- F-Administrative
- G-Operational Error
- H-Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
<table>
<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
</tr>
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<tr>
<td>LOCATION</td>
<td>UTILITY</td>
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<td>STATE.................</td>
<td>PENNSYLVANIA POWER &amp; LIGHT CO.</td>
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<tr>
<td>COUNTY...............</td>
<td>PENNSYLVANIA</td>
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<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
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<td>PENNSYLVANIA POWER &amp; LIGHT CO.</td>
</tr>
<tr>
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<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DATE INITIAL ELECTRICITY......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DATE COMMERCIAL OPERATE......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
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<td>CONDENSER COOLING METHOD.....</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>CONDENSER COOLING WATER........</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>ELECTRIC RELIABILITY COUNCIL................</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR.....</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>TYPE OF REACTOR.......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DATE INITIAL CRITICALITY......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DATE INITIAL ELECTRICITY......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>DATE COMMERCIAL OPERATE......</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>CONDENSER COOLING METHOD.....</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
</tr>
<tr>
<td>CONDENSER COOLING WATER........</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
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<tr>
<td>ELECTRIC RELIABILITY COUNCIL................</td>
<td>PENNSYLVANIA WWER &amp; LIGHT CO.</td>
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</table>

<table>
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<tr>
<th>REGULATORY INFORMATION</th>
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<tr>
<td>IE REGION RESPONSIBLE.....</td>
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<tr>
<td>IE RESIDENT INSPECTOR.........</td>
</tr>
<tr>
<td>LICENSING PROJ MANAGER........</td>
</tr>
<tr>
<td>DOCKET NUMBER..............</td>
</tr>
<tr>
<td>LICENSE &amp; DATE ISSUANCE.......</td>
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</table>
1. Docket: 50-388  
2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  
3. Utility Contact: R. S. BALL (717) 542-3453  
4. Licensed Thermal Power (MWe): 3441  
5. Nameplate Rating (Gross MWe): 1168  
6. Design Electrical Rating (Net MWe): 1100  
7. Maximum Dependable Capacity (Gross MWe): 1132  
8. Maximum Dependable Capacity (Net MWe): 1094  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
10. Power Level To Which Restricted, If Any (Net MWe):  
11. Reasons For Restrictions, If Any:  

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
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<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>6,673.8</td>
</tr>
<tr>
<td>14. Rx Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>6,579.1</td>
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<tr>
<td>16. Unit Reserve Shtdown Hrs</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>17. Gross Therm Ener (MWh)</td>
<td>2,549,705.0</td>
<td>21,715,080.0</td>
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<tr>
<td>18. Gross Elec Ener (MWh)</td>
<td>850,134.0</td>
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<td>19. Net Elec Ener (MWh)</td>
<td>821,586.0</td>
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<tr>
<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
<td>100.9</td>
<td>72.8</td>
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<td>23. Unit Cap Factor (DER Net)</td>
<td>100.4</td>
<td>72.4</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>56.0</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  
27. If Currently Shutdown, Estimated Startup Date:  

Notes:  
YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES. LICENSEE REVISED JULY 1994 GROSS THERMAL ENERGY FROM 2,446,455.0 TO 2,556,408.0 AND AUGUST 1994 GROSS THERMAL ENERGY FROM 2,411,674.0 TO 2,520,064.0.
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<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 6: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or NUREG-0161 Exhibit F
- NUREG-0161 Exhibit H
## FACILITY DESCRIPTION

**LOCATION**

<table>
<thead>
<tr>
<th>State</th>
<th>Pennsylvania</th>
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</thead>
<tbody>
<tr>
<td>County</td>
<td>Luzerne</td>
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</table>

**DIST AND DIRECTION FROM NEAREST POPULATION CTR.**

7 MI NE of Berwick, PA

**TYPE OF REACTOR**

BWR

**DATE INITIAL CRITICALITY**

May 08, 1984

**DATE INITIAL ELECTRICITY**

July 03, 1984

**DATE COMMERCIAL OPERATE**

February 12, 1985

**CONDENSER COOLING METHOD**

CC, HNDCT

**CONDENSER COOLING WATER**

Susquehanna River

**ELECTRIC RELIABILITY COUNCIL**

Mid-Atlantic Area Council

## UTILITY & CONTRACTOR INFORMATION

### UTILITY

**LICENSEE**

Pennsylvania Power & Light Co.

**CORPORATE ADDRESS**

2 North Ninth Street
Allentown, Pennsylvania 18101

### CONTRACTOR

**ARCHITECT/ENGINEER**

Bechtel

**NUC STEAM SYS SUPPLIER**

General Electric

**CONSTRUCTOR**

Bechtel

**TURBINE SUPPLIER**

General Electric

## REGULATORY INFORMATION

**IE REGION RESPONSIBLE**

1

**IE RESIDENT INSPECTOR**

Maitri Banerjee

**Licensing Proj Manager**

Chester Poslusny Jr.

**DOCKET NUMBER**

50-388

**LICENSE & DATE ISSUANCE**

NPF 022, June 27, 1984
1. Docket: 50-289

**OPERATING STATUS**

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: W. HEYSEK (717) 948-8191

4. Licensed Thermal Power (MWe): 2568

5. Nameplate Rating (Gross MWe): 871

6. Design Electrical Rating (Net MWe): 819

7. Maximum Dependable Capacity (Gross MWe): 834

8. Maximum Dependable Capacity (Net MWe): 786

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
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<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<td>744.0</td>
<td>8,362.6</td>
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<tr>
<td>14. Rx Reserve Shtdn Hrs</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>8,350.5</td>
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<tr>
<td>16. Unit Reserve Shtdn Hrs</td>
<td>0.0</td>
<td>0.0</td>
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<tr>
<td>17. Gross Therm Ener (MWH)</td>
<td>1,847,111.0</td>
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<tr>
<td>18. Gross Elec Ener (MWH)</td>
<td>621,696.0</td>
<td>6,996,471.0</td>
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<tr>
<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>21. Unit Avail Factor</td>
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<td>95.3</td>
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<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
<td>100.3</td>
<td>95.7</td>
</tr>
<tr>
<td>23. Unit Cap Factor (DER Net)</td>
<td>96.3</td>
<td>91.9</td>
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<tr>
<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>1.8</td>
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</table>

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
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<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
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<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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<tbody>
<tr>
<td>94-08</td>
<td>12/03/94</td>
<td>F</td>
<td>0.0</td>
<td>A</td>
<td>5</td>
<td>SG</td>
<td>COND</td>
<td></td>
<td>A CHEMISTRY ANOMALY INDICATING A MAIN CONDENSER TUBE LEAK CAUSED A REDUCTION IN POWER TO EFFECT REPAIRS TO THE MAIN CONDENSER.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
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**REASON**
- A: Equipment Failure
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- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
## FACILITY DATA

### FACILITY DESCRIPTION

**LOCATION**

- **STATE**: PENNSYLVANIA
- **COUNTY**: DAUPHIN
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 10 MI SE OF HARRISBURG, PA

**TYPE OF REACTOR**: PWR

**DATE INITIAL CRITICALITY**: JUNE 05, 1974

**DATE INITIAL ELECTRICITY**: JUNE 19, 1974

**DATE COMMERCIAL OPERATE**: SEPTEMBER 02, 1974

**CONDENSER COOLING METHOD**: COOLING TOWERS

**CONDENSER COOLING WATER**: SUSQUEHANNA RIVER

**ELECTRIC RELIABILITY COUNCIL**: MID-ATLANTIC AREA COUNCIL

---

### UTILITY & CONTRACTOR INFORMATION

**UTILITY**

- **LICENSEE**: GPU NUCLEAR CORP.
- **CORPORATE ADDRESS**: 100 INTERPACE PARKWAY, PARSIPPANY, NEW JERSEY 07054

**CONTRACTOR**

- **ARCHITECT/ENGINEER**: GILBERT ASSOCIATES
- **NUC STEAM SYS SUPPLIER**: BABCOCK & WILCOX
- **CONSTRUCTOR**: UNITED ENG. & CONSTRUCTORS
- **TURBINE SUPPLIER**: GENERAL ELECTRIC

**REGULATORY INFORMATION**

- **IE REGION RESPONSIBLE**: 1
- **IE RESIDENT INSPECTOR**: MICHELLE EVANS
- **LICENSING PROJ MANAGER**: RONALD W. HERNAN
- **DOCKET NUMBER**: 50-289
- **LICENSE & DATE ISSUANCE**: DPR 050, APRIL 19, 1974
1. **Docket:** 50-250  
2. **Reporting Period:** DECEMBER 1994  
3. **Outage + On-Line Hrs:** 744.0  
4. **Utility Contact:** J. E. KNORR (305) 246-6757  

### Licensed Thermal Power (MWe): 2200  
### Nameplate Rating (Gross MWe): 760  
### Design Electrical Rating (Net MWe): 693  
### Maximum Dependable Capacity (Gross MWe): 699  
### Maximum Dependable Capacity (Net MWe): 666  
### Average Daily Power Level (Net MWe):  
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<td>8</td>
<td>683</td>
<td>23</td>
<td>672</td>
</tr>
<tr>
<td>9</td>
<td>680</td>
<td>24</td>
<td>674</td>
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<tr>
<td>10</td>
<td>681</td>
<td>25</td>
<td>707</td>
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<td>11</td>
<td>684</td>
<td>26</td>
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<tr>
<td>12</td>
<td>687</td>
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<tr>
<td>13</td>
<td>689</td>
<td>28</td>
<td>0</td>
</tr>
<tr>
<td>14</td>
<td>692</td>
<td>29</td>
<td>48</td>
</tr>
<tr>
<td>15</td>
<td>690</td>
<td>30</td>
<td>295</td>
</tr>
<tr>
<td>16</td>
<td>692</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

### Cumulative Hours Reactor Critical: 717.5  
### Rx Reserve Shdwn Hrs: 0.0  
### Hrs Generator On-Line: 662.0  
### Unit Reserve Shdwn Hrs: 0.0  
### Gross Therm Ener (MWH): 1,375,950.0  
### Gross Elec Ener (MWH): 449,048.0  
### Net Elec Ener (MWH): 425,419.0  

### Unit Service Factor: 89.0  
### Unit Avail Factor: 89.0  
### Unit Cap Factor (MDC Net): 85.9  
### Unit Cap Factor (DER Net): 82.5  
### Unit Forced Outage Rate: 11.0  
### Forced Outage Hours: 82.0  

---

#### Notes:

**Cumulative Unit Capacity Factor (MDC Net) is calculated with a weighted average.**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>12/16/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>HA</td>
<td>VALVEX</td>
<td>TURBINE VALVE TEST.</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>12/26/94</td>
<td>F</td>
<td>82.0</td>
<td>A</td>
<td>3</td>
<td>94006</td>
<td>HH</td>
<td>INSTRU</td>
<td>AUTOMATIC TRIP CAUSED BY I/P TRANSDUCER FAILURE.</td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- I: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
# Facility Description

**Location**

- State: Florida
- County: Dade

**Dist and Direction from Nearest Population Ctr.**

- 25 MI S of Miami, FL

**Type of Reactor**

- PWR

**Date Initial Criticality**

- October 20, 1972

**Date Initial Electricity**

- November 02, 1972

**Date Commercial Operate**

- December 14, 1972

**Condenser Cooling Method**

- Closed Canal

**Condenser Cooling Water**

- Closed Cycle Canal

**Electric Reliability Council**

- Southeastern Electric Reliability Council

---

## Utility & Contractor Information

### Utility

- Licensee: Florida Power & Light Co.
- Corporate Address: 9250 West Flagler Street Miami, Florida 33102

### Contractor

- Architect/Engineer: Bechtel
- Nuc Steam Sys Supplier: Westinghouse
- Constructor: Bechtel
- Turbine Supplier: Westinghouse

### Regulatory Information

- IE Region Responsible: 2
- IE Resident Inspector: Thomas Johnson
- Licensing Proj Manager: Richard P. Croteau
- Docket Number: 50-250
- License & Date Issuance: DPR 031, July 19, 1972
1. Docket: 50-251

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact:  J. E. KNORR (305) 246-6737

4. Licensed Thermal Power (MWe):  2200

5. Nameplate Rating (Gross MWe):  760

6. Design Electrical Rating (Net MWe):  693

7. Maximum Dependable Capacity (Gross MWe):  699

8. Maximum Dependable Capacity (Net MWe):  666

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. Report Period Hrs  744.0  8,760.0  187,229.0

13. Hours Reactor Critical  727.1  7,567.5  124,848.0

14. Rx Reserve Shutdown Hrs  0.0  0.0  166.6

15. Hrs Generator On-Line  710.4  7,438.6  120,763.5

16. Unit Reserve Shutdown Hrs  0.0  0.0  577.3

17. Gross Therm Ener (MWh)  1,550,991.0  15,864,754.0  254,924,705.2

18. Gross Elec Ener (MWh)  510,143.0  5,094,680.0  81,448,650.0

19. Net Elec Ener (MWh)  485,850.0  6,844,354.0  77,079,586.0

20. Unit Service Factor  95.5  84.9  64.5

21. Unit Avail Factor  95.5  84.9  64.8

22. Unit Cap Factor (MDC Net)  98.1  83.0  62.8

23. Unit Cap Factor (DER Net)  94.2  79.8  59.4

24. Unit Forced Outage Rate  4.5  3.9  11.0

25. Forced Outage Hours  33.6  298.6  14,906.7

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>11/30/94</td>
<td>F</td>
<td>33.6</td>
<td>A</td>
<td>4</td>
<td>94006</td>
<td>EB</td>
<td>ELEC0N</td>
<td>REACTOR TRIP DUE TO TURBINE GENERATOR GROUND.</td>
</tr>
</tbody>
</table>

**TYPE**
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**REASON**
- A: Equipment Failure
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**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 6: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
REPORT PERIOD DECEMBER 1994

FACILITY DESCRIPTION

LOCATION

STATE................. FLORIDA
COUNTY................ DADE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 25 MI S OF MIAMI, FL

TYPE OF REACTOR............... PWR

DATE INITIAL CRITICALITY...... JUNE 11, 1973
DATE INITIAL ELECTRICITY...... JUNE 21, 1973
DATE COMMERCIAL OPERATE...... SEPTEMBER 07, 1973

CONDENSER COOLING METHOD..... CLOSED CANAL
CONDENSER COOLING WATER....... CLOSED CYCLE CANAL

ELECTRIC RELIABILITY COUNCIL................ SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.................... FLORIDA POWER & LIGHT CO.
CORPORATE ADDRESS.......... 9250 WEST FLAGLER STREET
MIAMI, FLORIDA 33102

CONTRACTOR

ARCHITECT/ENGINEER......... BECHTEL
NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
CONSTRUCTOR............... BECHTEL
TURBINE SUPPLIER............ WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE........ 2
IE RESIDENT INSPECTOR...... THOMAS JOHNSON
LICENSING PROJ MANAGER....... RICHARD P. CROTEAU
DOCKET NUMBER............... 50-251
LICENSE & DATE ISSUANCE....... DPR 041, APRIL 10, 1973
1. **Docket:** 50-271  
2. **Reporting Period:** DECEMBER 1994  
   **Outage + On-Line Hrs:** 744.0
3. **Utility Contact:** G. A. WALLIN (802) 257-7711
4. **Licensed Thermal Power (MWe):** 1593
5. **Nameplate Rating (Gross MWe):** 540
6. **Design Electrical Rating (Net MWe):** 514
7. **Maximum Dependable Capacity (Gross MWe):** 535
8. **Maximum Dependable Capacity (Net MWe):** 504
9. **Average Daily Power Level (Net MWe):**

<table>
<thead>
<tr>
<th>DAY</th>
<th>POWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>518</td>
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<tr>
<td>2</td>
<td>486</td>
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<tr>
<td>3</td>
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<td>19</td>
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</tr>
<tr>
<td>20</td>
<td>519</td>
</tr>
</tbody>
</table>

10. **Power Level To Which Restricted, If Any (Net MWe):**
11. **Reasons For Restrictions, If Any:**

12. **Report Period Hrs**  
13. **Hours Reactor Critical**  
14. **Rx Reserve Shtdwn Hrs**  
15. **Hrs Generator On-Line**  
16. **Unit Reserve Shtdwn Hrs**  
17. **Gross Therm Ener (MWH):**  
18. **Gross Elec Ener (MWH):**  
19. **Net Elec Ener (MWH):**  
20. **Unit Service Factor**  
21. **Unit Avail Factor**  
22. **Unit Cap Factor (MDC Net):**  
23. **Unit Cap Factor (DER Net):**  
24. **Unit Forced Outage Rate**  
25. **Forced Outage Hours**  
26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**  
   REFUELING OUTAGE, MARCH 18, 1995, SIX WEEKS.
27. **If Currently Shutdown, Estimated Startup Date:**

**Notes:**

*CUMULATIVE VALUES FOR ITEMS 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.*
### UNIT SHUTDOWNS AND POWER REDUCTIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-14</td>
<td>12/02/94</td>
<td>S</td>
<td>0.0</td>
<td>B</td>
<td>5</td>
<td>RB</td>
<td>CONROD</td>
<td>MSIV CLOSURE AND BYPASS VALVE TESTS, AND A ROD PATTERN EXCHANGE.</td>
<td></td>
</tr>
</tbody>
</table>

**TYPE**
- F: Forced
- S: Scheduled

**REASON**
- A: Equipment Failure
- B: Maintenance or Test
- C: Refueling
- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE.................... VERMONT

COUNTY..................... WINDHAM

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 5 MI S OF BRATTLEBORO, VT

TYPE OF REACTOR......... BWR

DATE INITIAL CRITICALITY.... MARCH 24, 1972

DATE INITIAL ELECTRICITY.... SEPTEMBER 20, 1972

DATE COMMERCIAL OPERATE.... NOVEMBER 30, 1972

CONDENSER COOLING METHOD.... COOLING TOWER

CONDENSER COOLING WATER..... CONNECTICUT RIVER

ELECTRIC RELIABILITY COUNCIL........ NORTHEASTERN POWER COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE................... VERMONT YANKEE NUCLEAR POWER CORP.

CORPORATE ADDRESS......... RD #5, BOX 169, FERRY ROAD
BRATTLEBORO, VERMONT 05301

CONTRACTOR
ARCHITECT/ENGINEER........ EBASCO

NUC STEAM SYS SUPPLIER...... GENERAL ELECTRIC

CONSTRUCTOR................ EBASCO

TURBINE SUPPLIER............ GENERAL ELECTRIC

REGULATORY INFORMATION
IE REGION RESPONSIBLE........ 1

IE RESIDENT INSPECTOR......... HAROLD EICHENHOLZ

LICENSING PROJ MANAGER....... DANIEL H. DORMAN

DOCKET NUMBER................. 50-271

LICENSE & DATE ISSUANCE...... DPR 028, FEBRUARY 28, 1973
1. Docket: 50-426

**OPERATING STATUS**

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: G. L. HOOPER (706) 826-4104

4. Licensed Thermal Power (MWe):

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Nameplate Rating (Gross MWe):

6. Design Electrical Rating (Net MWe):

7. Maximum Dependable Capacity (Gross MWe):

8. Maximum Dependable Capacity (Net MWe):

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs

13. Hours Reactor Critical

14. Rx Reserve Shtdn Hrs

15. Hrs Generator On-Line

16. Unit Reserve Shtdn Hrs

17. Gross Therm Ener (MWH)

18. Gross Elec Ener (MWH)

19. Net Elec Ener (MWH)

20. Unit Service Factor

21. Unit Avail Factor

22. Unit Cap Factor (MDC Net)

23. Unit Cap Factor (DER Net)

24. Unit Forced Outage Rate

25. Forced Outage Hours

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.
### Report Period DECEMBER 1994

### UNIT SHUTDOWNS AND POWER REDUCTIONS

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
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**TYPE**
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**REASON**
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**METHOD**
- 1: Manual
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- 5: Reduced Load
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**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
REPORT PERIOD: DECEMBER 1994

FACILITY DESCRIPTION

LOCATION

STATE: GEORGIA
COUNTY: BURKE

DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 26 MI SE OF AUGUSTA, GA

TYPE OF REACTOR: PWR
DATE INITIAL CRITICALITY: MARCH 09, 1987
DATE INITIAL ELECTRICITY: MARCH 27, 1987
DATE COMMERCIAL OPERATE: JUNE 01, 1987

CONDENSER COOLING METHOD: CCCT
CONDENSER COOLING WATER: SAVANNAH RIVER
ELECTRIC RELIABILITY COUNCIL: SOUTHEASTERN ELECTRIC RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE: GEORGIA POWER CO.
CORPORATE ADDRESS: P.O. BOX 1295, BIRMINGHAM, ALABAMA 35201

ARCHITECT/ENGINEER: SOUTHERN SERVICES & BECHTEL
NUC STEAM SYS SUPPLIER: WESTINGHOUSE
CONSTRUCTOR: GEORGIA POWER CO.
TURBINE SUPPLIER: GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE: 2
IE RESIDENT INSPECTOR: BRIAN R. BONSER
LICENSING PROJ MANAGER: DARL S. HOOD
DOCKET NUMBER: 50-424
LICENSE & DATE ISSUANCE: NPF 068, MARCH 16, 1987
1. Docket: 50-425

2. Reporting Period: DECEMBER 1994

3. Utility Contact: G. L. HOOPER (706) 826-4104

4. Licensed Thermal Power (MWt): 3565

5. Nameplate Rating (Gross MW): 1215

6. Design Electrical Rating (Net MW): 1169

7. Maximum Dependable Capacity (Gross MW): 1223

8. Maximum Dependable Capacity (Net MW): 1169

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MW):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs 744.0

13. Hours Reactor Critical 744.0

14. Rx Reserve Shtdw Hrs 0.0

15. Hrs Generator On-Line 744.0

16. Unit Reserve Shtdw Hrs 0.0

17. Gross Therm Ener (MWh) 2,649,055.0

18. Gross Elec Ener (MWh) 916,522.0

19. Net Elec Ener (MWh) 878,362.0

20. Unit Service Factor 100.0

21. Unit Avail Factor 100.0

22. Unit Cap Factor (MDC Net) 101.0

23. Unit Cap Factor (DER Net) 101.0

24. Unit Forced Outage Rate 0.0

25. Forced Outage Hours 0.0

26. Shutdows Scheduled Over Next Six Months (Type, Date, Duration):

REFUELING OUTAGE, FEBRUARY 25, 1995, 30 DAYS.

27. If Currently Shutdwn, Estimated Startup Date:

Notes:

YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER)
ARE CALCULATED WITH WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
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**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
### FACILITY DESCRIPTION

- **LOCATION**
  - **STATE**: GEORGIA
  - **COUNTY**: BURKE
- **DIST AND DIRECTION FROM NEAREST POPULATION CTR.**: 26 MI SE OF AUGUSTA, GA

### FACILITY DATA

- **UTILITY & CONTRACTOR INFORMATION**
  - **UTILITY**
    - **LICENSEE**: GEORGIA POWER CO.
    - **CORPORATE ADDRESS**: P.O. BOX 1295
      - BIRMINGHAM, ALABAMA 35201
  - **CONTRACTOR**
    - **ARCHITECT/ENGINEER**: SOUTHERN SERVICES & BECHTEL
    - **NUC STEAM SYS SUPPLIER**: WESTINGHOUSE
    - **CONSTRUCTOR**: GEORGIA POWER CO.
    - **TURBINE SUPPLIER**: GENERAL ELECTRIC

### REGULATORY INFORMATION

- **IE REGION RESPONSIBLE**: 2
- **IE RESIDENT INSPECTOR**: BRIAN R. BOWSER
- **LICENSE & DATE ISSUANCE**: NPF 081, MARCH 31, 1989
1. Docket: 50-397

2. Reporting Period: DECEMBER 1994

3. Utility Contact: DAVID G. EMBREE (509) 377-8448

4. Licensed Thermal Power (MWe): 3323

5. Nameplate Rating (Gross MWe): 1201

6. Design Electrical Rating (Net MWe): 1120

7. Maximum Dependable Capacity (Gross MWe): 1132

8. Maximum Dependable Capacity (Net MWe): 1086

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

12. Report Period Hrs: 744.0

13. Hours Reactor Critical: 744.0

14. Rx Reserve Shutdn Hrs: 0.0

15. Hrs Generator On-Line: 744.0

16. Unit Reserve Shutdn Hrs: 0.0

17. Gross Therm Ener (MWH): 2,663,811.0

18. Gross Elec Ener (MWH): 857,780.0

19. Net Elec Ener (MWH): 826,508.0

20. Unit Service Factor: 100.0

21. Unit Avail Factor: 100.0

22. Unit Cap Factor (MDC Net): 102.3

23. Unit Cap Factor (DER Net): 99.2

24. Unit Forced Outage Rate: 0.0

25. Forced Outage Hours: 0.0

26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):
   REFUELING OUTAGE, APRIL 15, 1995, 42 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:
   CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH
   WEIGHTED AVERAGES.
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
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- H: Other

**METHOD**
- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**
- IEEE Standard
- 805-1984 and/or
- NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard
- 803A-1983 and/or
- NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE...................... WASHINGTON
COUNTY..................... BENTON

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 12 MI. NW OF RICHLAND, WA

TYPE OF REACTOR............... BWR
DATE INITIAL CRITICALITY...... JANUARY 19, 1984
DATE INITIAL ELECTRICITY...... MAY 27, 1984
DATE COMMERCIAL OPERATE...... DECEMBER 13, 1984

CONDENSER COOLING METHOD...... COOLING TOWERS
CONDENSER COOLING WATER....... MECHANICAL TOWERS
ELECTRIC RELIABILITY COUNCIL.......................... WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.................... WASHINGTON PUBLIC POWER SUPPLY SYSTEM
CORPORATE ADDRESS........... P.O. BOX 968
RICHLAND, WASHINGTON 99352

CONTRACTOR
ARCHITECT/ENGINEER......... BURNS & ROE
NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
CONSTRUCTOR................ BECHTEL
TURBINE SUPPLIER............ WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE......... 4
IE RESIDENT INSPECTOR........ ROBERT BARR
LICENSING PROJ MANAGER....... JAMES W. CLIFFORD
DOCKET NUMBER............... 50-397
LICENSE & DATE ISSUANCE...... NPF 021, APRIL 13, 1984
**OPERATING STATUS**

1. Docket: 50-382

2. Reporting Period: DECEMBER 1994  Outage + On-Line Hrs: 744.0

3. Utility Contact: T. S. BECKER (504) 739-6683

4. Licensed Thermal Power (MWT): 3390

5. Nameplate Rating (Gross MWe): 1200

6. Design Electrical Rating (Net MWe): 1104

7. Maximum Dependable Capacity (Gross MWe): 1120

8. Maximum Dependable Capacity (Net MWe): 1075

9. If Changes Occurred Above Since Last Report, Give Reasons:

10. Power Level To Which Restricted, If Any (Net MWe):

11. Reasons For Restrictions, If Any:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
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<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
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<td>13. Hours Reactor Critical</td>
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<td>14. Rx Reserve Shutdowns Hrs</td>
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<td>16. Unit Reserve Shutdowns Hrs</td>
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<td>17. Gross Thrm Ener (MWH)</td>
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<td>86.3</td>
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<td>22. Unit Cap Factor (MDC Net)</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
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</tr>
</tbody>
</table>

**TYPE**

F: Forced  
S: Scheduled

**REASON**

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

**METROD**

1: Manual  
2: Manual Scram  
3: Auto Scram  
4: Continued  
5: Reduced Load  
9: Other

**SYSTEM**

IEEE Standard  
805-1984 and/or  
NUREG-0161 Exhibit F

**COMPONENT**

IEEE Standard  
803A-1983 and/or  
NUREG-0161 Exhibit H
**Facility Description**

- **Location**
  - State: Louisiana
  - County: St Charles

- **Distance and Direction from Nearest Population Ctr.**
  - 20 Mi W of New Orleans, LA

- **Type of Reactor**: PWR

- **Date Initial Criticality**: March 04, 1985

- **Date Initial Electricity**: March 18, 1985

- **Date Commercial Operate**: September 24, 1985

- **Condenser Cooling Method**: Once Thru

- **Condenser Cooling Water**: Mississippi River

- **Electric Reliability Council**: Southwest Power Pool

**Utility & Contractor Information**

- **Utility**
  - Licensee: Entergy Operations, Inc.
  - Corporate Address: P.O. Box B, Killona, Louisiana 70066

- **Contractor**
  - Architect/Engineer: EBASCO
  - Nuc Steam Sys Supplier: Combustion Engineering
  - Constructor: EBASCO
  - Turbine Supplier: Westinghouse

**Regulatory Information**

- **IE Region Responsible**: 4
- **IE Resident Inspector**: Edward Ford
- **Licensing Proj Manager**: David L. Wigginton
- **Docket Number**: 50-382
- **License & Date Issuance**: NPF 038, March 16, 1985
1. Docket: 50-482
2. Reporting Period: DECEMBER 1994
3. Utility Contact: M. WILLIAMS (316) 364-8831
4. Licensed Thermal Power (MWe):
5. Nameplate Rating (Gross MWe):
6. Design Electrical Rating (Net MWe):
7. Maximum Dependable Capacity (Gross MWe):
8. Maximum Dependable Capacity (Net MWe):
9. If Changes Occurred Above Since Last Report, Give Reasons:
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons For Restrictions, If Any:

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<td>12. Report Period Hrs</td>
<td>744.0</td>
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<td>13. Hours Reactor Critical</td>
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<td>7,605.7</td>
</tr>
<tr>
<td>14. Rx Reserve Shutdown Hrs</td>
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<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>7,501.2</td>
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<tr>
<td>16. Unit Reserve Shutdown Hrs</td>
<td>0.0</td>
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<td>17. Gross Therm Ener (MWH)</td>
<td>2,637,320.0</td>
<td>25,767,937.0</td>
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<td>18. Gross Elec Ener (MWH)</td>
<td>915,452.0</td>
<td>8,910,666.0</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<tr>
<td>22. Unit Cap Factor (MDC Net)</td>
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<tr>
<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<tr>
<td>25. Forced Outage Hours</td>
<td>0.0</td>
<td>59.2</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):

27. If Currently Shutdown, Estimated Startup Date:

Notes:

YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC NET) ARE CALCULATED WITH WEIGHTED AVERAGES.
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<thead>
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<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
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<th>Cause and Corrective Action To Prevent Recurrence</th>
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**TYPE**
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**REASON**
- A: Equipment Failure
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- D: Regulatory Restriction
- E: Operator Training & License Examination
- F: Administrative
- G: Operational Error
- H: Other

**METHOD**
- 1-Manual
- 2-Manual Scram
- 3-Auto Scram
- 4-Continued
- 5-Reduced Load
- 9-Other

**SYSTEM**
- IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F

**COMPONENT**
- IEEE Standard 803A-1983 and/or NUREG-0161 Exhibit H
<table>
<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>FACILITY DATA</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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<tbody>
<tr>
<td><strong>LOCATION</strong></td>
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<td><strong>UTILITY</strong></td>
</tr>
<tr>
<td>STATE</td>
<td>KANSAS</td>
<td>LICENSEE..........................</td>
</tr>
<tr>
<td>COUNTY</td>
<td>COFFEY</td>
<td>WOLF CREEK NUCLEAR OPER. CORP.</td>
</tr>
<tr>
<td>DIST AND DIRECTION FROM NEAREST POPULATION CTR.</td>
<td>3.5 MI NE OF BURLINGTON, KS</td>
<td>CORPORATE ADDRESS.............. P.O. BOX 411</td>
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<tr>
<td>TYPE OF REACTOR.....</td>
<td>PWR</td>
<td>BURLINGTON, KANSAS 66839</td>
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<td>DATE INITIAL CRITICALITY...</td>
<td>MAY 22, 1985</td>
<td><strong>CONTRACTOR</strong></td>
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<td>DATE INITIAL ELECTRICITY...</td>
<td>JUNE 12, 1985</td>
<td>ARCHITECT/ENGINEER............. BECHTEL</td>
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<td>DATE COMMERCIAL OPERATE...</td>
<td>SEPTEMBER 03, 1985</td>
<td>NUC STEAM SYS SUPPLIER...... WESTINGHOUSE</td>
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<td>CONDENSER COOLING METHOD.....</td>
<td>COOLING LAKE</td>
<td>CONSTRUCTOR.................... DANIEL INTERNATIONAL</td>
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<td>CONDENSER COOLING WATER.....</td>
<td>WOLF CREEK CLNG LAKE</td>
<td>TURBINE SUPPLIER............... GENERAL ELECTRIC</td>
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<td>ELECTRIC RELIABILITY COUNCIL...............</td>
<td>SOUTHWEST POWER POOL</td>
<td><strong>REGULATORY INFORMATION</strong></td>
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<tr>
<td>IE REGION RESPONSIBLE.........</td>
<td>4</td>
<td>IE RESIDENT INSPECTOR.......... JACOB F. RINGWALD</td>
</tr>
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<td>IE RESIDENT INSPECTOR.........</td>
<td>JACOB F. RINGWALD</td>
<td>LICENSING PROJ MANAGER......... WILLIAM D. RECKLEY</td>
</tr>
<tr>
<td>DOCKET NUMBER.................</td>
<td>50-482</td>
<td>LICENSE &amp; DATE ISSUANCE....... NPF 042, JUNE 04, 1985</td>
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<td>LICENSE &amp; DATE ISSUANCE.......</td>
<td>NPF 042, JUNE 04, 1985</td>
<td>WOLF CREEK NUCLEAR OPER. CORP.</td>
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* WOLF CREEK *
1. Docket: 50-295  
2. Reporting Period: DECEMBER 1994  
   Outage + On-Line Hrs: 744.0  
3. Utility Contact: J. CYGAN (708) 746-2084 EXT. 3169  
4. Licensed Thermal Power (MWt): 3250  
5. Nameplate Rating (Gross MW): 1085  
6. Design Electrical Rating (Net MW): 1040  
7. Maximum Dependable Capacity (Gross MW): 1085  
8. Maximum Dependable Capacity (Net MW): 1040  
9. If Changes Occurred Above Since Last Report, Give Reasons:  
10. Power Level To Which Restricted, If Any (Net MW):  
11. Reasons For Restrictions, If Any:  

<table>
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<tr>
<th>MONTH</th>
<th>YEAR</th>
<th>CUMULATIVE</th>
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<tbody>
<tr>
<td>12. Report Period Hrs</td>
<td>744.0</td>
<td>8,760.0</td>
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<tr>
<td>13. Hours Reactor Critical</td>
<td>744.0</td>
<td>4,274.0</td>
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<tr>
<td>14. Rx Reserve Shutdown Hrs</td>
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<td>0.0</td>
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<tr>
<td>15. Hrs Generator On-Line</td>
<td>744.0</td>
<td>4,177.4</td>
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<tr>
<td>16. Unit Reserve Shutdown Hrs</td>
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<td>17. Gross Therm Ener (MWH)</td>
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<tr>
<td>18. Gross Elec Ener (MWH)</td>
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<td>19. Net Elec Ener (MWH)</td>
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<td>20. Unit Service Factor</td>
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<td>23. Unit Cap Factor (DER Net)</td>
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<td>24. Unit Forced Outage Rate</td>
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<td>25. Forced Outage Hours</td>
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<td>2327.7</td>
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26. Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):  

27. If Currently Shutdown, Estimated Startup Date:  

Notes:
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
<th>Method</th>
<th>LER Number</th>
<th>System</th>
<th>Component</th>
<th>Cause and Corrective Action To Prevent Recurrence</th>
</tr>
</thead>
</table>

**TYPE**

F: Forced
S: Scheduled

**REASON**

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

**METHOD**

1: Manual
2: Manual Scram
3: Auto Scram
4: Continued
5: Reduced Load
9: Other

**SYSTEM**

IEEE Standard
805-1984 and/or
NUREG-0161 Exhibit F

**COMPONENT**

IEEE Standard
803A-1993 and/or
NUREG-0161 Exhibit H
FACILITY DESCRIPTION

LOCATION
STATE: ILLINOIS
COUNTY: LAKE
DIST AND DIRECTION FROM NEAREST POPULATION CTR.: 40 MI N OF CHICAGO, IL

TYPE OF REACTOR: PWR
DATE INITIAL CRITICALITY: JUNE 19, 1973
DATE INITIAL ELECTRICITY: JUNE 28, 1973
DATE COMMERCIAL OPERATE: DECEMBER 31, 1973
CONDENSER COOLING METHOD: ONCE THRU
CONDENSER COOLING WATER: LAKE MICHIGAN
ELECTRIC RELIABILITY COUNCIL: MID-AMERICA INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE: COMMONWEALTH EDISON CO.
CORPORATE ADDRESS: 1400 OPUS PL., OPUS WEST III SUITE 300 DOWNER'S GROVE, ILLINOIS 60515

ARCHITECT/ENGINEER: SARGENT & LUNDY
NUC STEAM SYS SUPPLIER: WESTINGHOUSE
CONSTRUCTOR: COMMONWEALTH EDISON
TURBINE SUPPLIER: WESTINGHOUSE

REGULATORY INFORMATION
IE REGION RESPONSIBLE: 3
IE RESIDENT INSPECTOR: JAMES ROTON
LICENSING PROJ MANAGER: CLYDE Y. SHIRAKI
DOCKET NUMBER: 50-295
LICENSE & DATE ISSUANCE: DPR 039, OCTOBER 19, 1973
**OPERATING STATUS**

1. **Docket:** 50-304

2. **Reporting Period:** DECEMBER 1994  
   **Outage + On-Line Hrs:** 744.0

3. **Utility Contact:** J. CYGAN (708) 746-2084 EXT. 3169

4. **Licensed Thermal Power (MWt):** 3250

5. **Nameplate Rating (Gross MWe):** 1085

6. **Design Electrical Rating (Net MWe):** 1040

7. **Maximum Dependable Capacity (Gross MWe):** 1085

8. **Maximum Dependable Capacity (Net MWe):** 1040

9. **Average Daily Power Level (Net MWe):**

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<td>2</td>
<td>888</td>
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<tr>
<td>3</td>
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<td>626</td>
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<td>31</td>
<td>616</td>
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</table>

10. **Power Level To Which Restricted, If Any (Net MWe):**

11. **Reasons For Restrictions, If Any:**

   MONTH YEAR CUMULATIVE

12. **Report Period Hrs**
    744.0

13. **Hours Reactor Critical**
    744.0

14. **Rx Reserve Shutdown Hrs**
    0.0

15. **Hrs Generator On-Line**
    744.0

16. **Unit Reserve Shutdown Hrs**
    0.0

17. **Gross Therm Ener (MWH)**
    1,758,403.0

18. **Gross Elec Ener (MWh)**
    581,438.0

19. **Net Elec Ener (MWh)**
    556,144.0

20. **Unit Service Factor**
    100.0

21. **Unit Avail Factor**
    100.0

22. **Unit Cap Factor (MDC Net)**
    71.9

23. **Unit Cap Factor (DER Net)**
    71.9

24. **Unit Forced Outage Rate**
    0.0

25. **Forced Outage Hours**
    0.0

26. **Shutdowns Scheduled Over Next Six Months (Type, Date, Duration):**

   **REFUELING OUTAGE, JANUARY 6, 1995, 76 DAYS.**

27. **If Currently Shutdown, Estimated Startup Date:**

   **Notes:**
<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>Type</th>
<th>Hours</th>
<th>Reason</th>
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</tbody>
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**TYPE**

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- F: Administrative
- G: Operational Error
- H: Other

**METHOD**

- 1: Manual
- 2: Manual Scram
- 3: Auto Scram
- 4: Continued
- 5: Reduced Load
- 9: Other

**SYSTEM**

- IEEE Standard 805-1984
- NUREG-0161 Exhibit F
- NUREG-0161 Exhibit H

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<thead>
<tr>
<th>FACILITY DESCRIPTION</th>
<th>UTILITY &amp; CONTRACTOR INFORMATION</th>
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UTILITY

LICENSEE

COMMUNITY EDISON CO.

CORPORATE ADDRESS

1400 OPUS PL., OPUS WEST III SUITE 300

DONER'S GROVE, ILLINOIS 60515
Licensed Operating Reactors
Status Summary Report Data as of 12/31/94

R. A. Hartfield

Office of Information Resources Management
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Same as above

Status Summary Report

The Nuclear Regulatory Commission's annual summary of licensed nuclear power reactor data is based primarily on the report of operating data submitted by licensees for each unit for the month of December because that report contains data for the month of December, the year to date (in this case calendar year 1994) and cumulative data, usually from the date of commercial operation. The data is not independently verified, but various computer checks are made. The report is divided into two sections. The first contains summary highlights and the second contains data on each individual unit in commercial operation. Section 1 capacity and availability factors are simple arithmetic averages. Section 2 items in the cumulative column are generally as reported by the licensee and notes as to the use of weighted averages and starting dates other than commercial operation are provided.

Licensed Operating Reactors
Commercial Operating Units