

NUREG-0020
Vol. 18

Licensed Operating Reactors

Status Summary Report
Data as of 12-31-93

U.S. Nuclear Regulatory Commission



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Licensed Operating Reactors

Status Summary Report
Data as of 12-31-93

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**Office of Information Resources Management
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001**



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 1993) 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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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. 18 is the fourth 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.

ACKNOWLEDGEMENT

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

GLOSSARY

AVERAGE DAILY POWER LEVEL (MWe)	The net electrical energy generated during the day (measured from 0001 to 2400 hours inclusive) in megawatts hours, divided by 24 hours.
LICENSED THERMAL POWER (MWt)	The maximum thermal power of the reactor authorized by the NRC, expressed in megawatts.
DATE OF COMMERCIAL OPERATION	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.
DESIGN ELECTRICAL RATING (DER) (NET MWe)	The nominal net electrical output of the unit specified by the utility and used for the purpose of plant design.
FORCED OUTAGE	An outage required to be initiated no later than the weekend following discovery of an offnormal condition.
FORCED OUTAGE HOURS	The clock hours during the report period that a unit is unavailable due to forced outages.
GROSS ELECTRICAL ENERGY GENERATED (MWH)	Electrical output of the unit during the report period as measured at the output terminals of the turbine generator, in megawatt hours.
GROSS HOURS	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.
GROSS THERMAL ENERGY GENERATED (MWH)	The thermal energy produced by the unit during the report period as measured or computed by the licensee in megawatt hours.
HOURS GENERATOR ON-LINE	Also, "Unit Service Hours." 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.

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 Appen' x 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)

OUTAGE DURATION	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.
OUTAGE NUMBER	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 "76-05" for the fifth outage to occur in 1976.
PERIOD HOURS	See "Hours in Reporting Period."
POWER REDUCTION	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.
REACTOR AVAILABLE HOURS	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.)
REACTOR AVAILABILITY FACTOR	$\frac{\text{Reactor Available Hours} \times 100}{\text{Period Hours}}$
REACTOR RESERVE SHUTDOWN	The cessation of criticality in the reactor for administrative or other similar reasons when operation could have been continued.
REACTOR RESERVE SHUTDOWN HOURS	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.
REACTOR SERVICE FACTOR	$\frac{\text{Hours Reactor Critical} \times 100}{\text{Period Hours}}$
REPORT PERIOD	Usually, the preceding calendar month. Can also be the preceding calendar year (year-to-date), or the life-span of a unit (cumulative).
RESTRICTED POWER LEVEL	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.

GLOSSARY (Continued)

SCHEDULED OUTAGE	Planned removal of a unit from service for refueling, inspection, training, or maintenance. Those outages which do not fit the definition of "Forced Outage" perforce are "Scheduled Outages."
STARTUP AND POWER ASCENSION TEST PHASE	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.
UNIT	The set of equipment uniquely associated with the reactor, including turbine generators and ancillary equipment, considered as a single electrical energy production facility.
UNIT AVAILABLE HOURS	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.)
UNIT AVAILABILITY FACTOR	$\frac{\text{Unit Available Hours} \times 100}{\text{Period Hours}}$
UNIT CAPACITY FACTORS	
- Using Licensed Thermal Power	$\frac{\text{Gross Thermal Energy Generated} \times 100}{\text{Period Hours} \times \text{Lic. Thermal Power}}$
- Using Nameplate Rating	$\frac{\text{Gross Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{Nameplate Rating}}$
- Using DER	$\frac{\text{Net Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{DER}}$
- Using MDC Gross	$\frac{\text{Gross Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{MDC Gross}}$
- Using MDC Net	$\frac{\text{Net Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{MDC Net}}$

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.

GLOSSARY (Continued)

UNIT FORCED OUTAGE RATE

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

UNIT RESERVE SHUTDOWN

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

UNIT RESERVE SHUTDOWN HOURS

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

UNIT SERVICE FACTOR

$$\frac{\text{Unit Service Hours} \times 100}{\text{Period Hours}}$$

UNIT SERVICE HOURS

See "Hours Generator On-Line."

SECTION 1

CURRENT

DATA

SUMMARIES

MONTHLY HIGHLIGHTS

*****		107	IN COMMERCIAL OPERATION.	96,630	CAPACITY MWe (Net)	-- Based upon maximum dependable capacity (MDC Net); design electrical rating (DER Net) used if MDC Net not determined.
* LICENSED	(a)	0	IN POWER ASCENSION			
* POWER						
* REACTORS	(b)	107	LICENSED TO OPERATE.	96,630	TOTAL	
*****	(c)	0	LICENSED FOR FUEL LOADING AND LOW POWER TESTING			

	MDC Net		MDC Net	DATE	DER Net
(a)		(b) Excludes these plants licensed for operation which are shut down indefinitely or permanently.			(c)
		1. BROWNS FERRY 1	0		
		2. BROWNS FERRY 3	0		
		3. FORT ST VRAIN	330		
		4. RANCHO SECO	873		
		5. SAN ONOFRE 1	436		
		6. TROJAN	1095		
		7. YANKEE-ROWE	167		

		REPORT MONTH	YEAR TO DATE
*****	1. GROSS ELECTRICAL (MWHE)	55,893,437.7	640,217,174.8
* POWER	2. NET ELECTRICAL (MWHE)	53,303,776.5	610,696,570.2
* GENERATION	3. AVG. UNIT SERVICE FACTOR (%)	79.5	76.6
*****	4. AVG. UNIT AVAILABILITY FACTOR (%)	79.5	76.6
	5. AVG. UNIT CAPACITY FACTOR (MDC) (%)	76.7	73.9
	6. AVG. UNIT CAPACITY FACTOR (DER) (%)	74.7	72.1
	7. AVG. FORCED OUTAGE RATE (%)	9.8	8.4

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.

SECTION 2

OPERATING

POWER

REACTORS

1. Docket: 50-313 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: K. R. HAYES (501) 964-5535

4. Licensed Thermal Power (MWt): 2568

5. Nameplate Rating (Gross MWe): 903

6. Design Electrical Rating (Net MWe): 850

7. Maximum Dependable Capacity (Gross MWe): 883

8. Maximum Dependable Capacity (Net MWe): 836

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

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

11. Reasons for Restrictions, If Any:

 * ARKANSAS 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	845	16	845
2	845	17	845
3	843	18	847
4	845	19	845
5	845	20	845
6	845	21	846
7	845	22	845
8	845	23	845
9	846	24	845
10	845	25	845
11	845	26	846
12	845	27	846
13	845	28	845
14	846	29	845
15	846	30	845
		31	845

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	166,867.0
13. Hours Reactor Critical	744.0	7,599.4	120,598.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,044.0
15. Hrs Generator On-Line	744.0	7,521.9	118,343.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	817.5
17. Gross Therm Ener (MWH)	1,909,752.0	18,913,408.0	272,050,569.0
18. Gross Elec Ener (MWH)	655,445.0	6,415,165.0	90,793,035.0
19. Net Elec Ener (MWH)	628,849.0	6,126,535.0	86,327,136.0
20. Unit Service Factor	100.0	85.9	70.9
21. Unit Avail Factor	100.0	85.9	71.4
22. Unit Cap Factor (MDC Net)	101.1	83.7	61.9
23. Unit Cap Factor (DER Net)	99.4	82.3	60.9
24. Unit Forced Outage Rate	0.0	2.7	11.3
25. Forced Outage Hours	0.0	211.1	15,033.3

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* ARKANSAS 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 1993

FACILITY DATA

* ARKANSAS 1 *

FACILITY DESCRIPTION

LOCATION

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

DIST AND DIRECTION FROM
NEAREST POPULATION CTR..... 6 MI WNW OF RUSSELLVILLE, 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..... ARKANSAS POWER & LIGHT CO.
CORPORATE ADDRESS..... P.O. BOX 551
LITTLE ROCK, ARKANSAS 72203

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 4
IE RESIDENT INSPECTOR..... LINDA SMITH
LICENSING PROJ MANAGER..... ROBY B. BEVAN JR.
DOCKET NUMBER..... 50-313
LICENSE & DATE ISSUANCE..... DPR 051, MAY 21, 1974

1. Docket: 50-368 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: M. S. WHITT (501) 964-5560

4. Licensed Thermal Power (Mwt): 2815

5. Nameplate Rating (Gross MWe): 943

6. Design Electrical Rating (Net MWe): 912

7. Maximum Dependable Capacity (Gross MWe): 897

8. Maximum Dependable Capacity (Net MWe): 858

9. If Changes Occur 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	120,696.0
13. Hours Reactor Critical	744.0	8,390.4	92,796.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,346.6	90,925.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,076,159.0	23,213,179.0	240,979,983.3
18. Gross Elec Ener (MWH)	691,004.0	7,692,146.0	79,322,337.0
19. Net Elec Ener (MWH)	660,749.0	7,344,720.0	75,472,839.0
20. Unit Service Factor	100.0	95.3	75.3
21. Unit Avail Factor	100.0	95.3	75.3
22. Unit Cap Factor (MDC Net)	103.5	97.7	72.9
23. Unit Cap Factor (DER Net)	97.4	91.9	68.6
24. Unit Forced Outage Rate	0.0	0.4	11.3
25. Forced Outage Hours	0.0	37.0	11,537.0

 * ARKANSAS 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	896	16	895
2	895	17	895
3	894	18	896
4	895	19	896
5	895	20	897
6	896	21	871
7	896	22	728
8	895	23	871
9	893	24	897
10	891	25	896
11	895	26	895
12	894	27	896
13	895	28	896
14	894	29	897
15	895	30	896
		31	894

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

REFUELING OUTAGE, MARCH 11, 1994, 42 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* ARKANSAS 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 RUSSELLVILLE, 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

ELECTRIC RELIABILITY
 COUNCIL..... SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... ARKANSAS POWER & LIGHT CO.

CORPORATE ADDRESS..... P.O. BOX 551
 LITTLE ROCK, ARKANSAS 72203

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..... LINDA SMITH

LICENSING PROJ MANAGER..... THOMAS W. ALEXION

DOCKET NUMBER..... 50-368

LICENSE & DATE ISSUANCE..... NPF 006, SEPTEMBER 01, 1978

1. Docket: 50-334 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: DAVID T. JONES (412) 393-7607

4. Licensed Thermal Power (MWt): 2652

5. Nameplate Rating (Gross MWe): 923

6. Design Electrical Rating (Net MWe): 835

7. Maximum Dependable Capacity (Gross MWe): 860

8. Maximum Dependable Capacity (Net MWe): 810

9. If Changes Occur 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	154,896.0
13. Hours Reactor Critical	744.0	5,980.6	99,530.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	4,482.8
15. Hrs Generator On-Line	744.0	5,892.4	97,543.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MMH)	1,935,108.0	14,430,475.0	233,405,476.5
18. Gross Elec Ener (MMH)	628,660.0	4,663,030.0	75,157,523.0
19. Net Elec Ener (MMH)	592,740.0	4,353,580.0	70,219,520.0
20. Unit Service Factor	100.0	67.3	64.9
21. Unit Avail Factor	100.0	67.3	64.9
22. Unit Cap Factor (MDC Net)	98.4	61.4	58.5
23. Unit Cap Factor (DER Net)	95.4	59.5	56.7
24. Unit Forced Outage Rate	0.0	13.4	15.8
25. Forced Outage Hours	0.0	914.8	17,712.0

 * BEAVER VALLEY 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	808	16	808
2	804	17	808
3	808	18	658
4	804	19	629
5	804	20	800
6	804	21	796
7	808	22	810
8	804	23	813
9	808	24	808
10	804	25	808
11	804	26	804
12	813	27	808
13	813	28	808
14	813	29	804
15	813	30	808
		31	813

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

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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BEAVER VALLEY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
16	12/17/93	F	0.0	B	5		HC	H	REDUCED POWER TO SUPPORT CLEANING OF THE MAIN UNIT CONDENSER WATERBOXES.

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

UTILITY & CONTRACTOR INFORMATION

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

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 ROSSBACH

LICENSING PROJ MANAGER..... GORDON E. EDISON

DOCKET NUMBER..... 50-334

LICENSE & DATE ISSUANCE..... DPR 066, JULY 02, 1976

1. Docket: 50-412 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: DAVID T. JONES (412) 393-7607

4. Licensed Thermal Power (MWt): 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 Occur 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	53,679.0
13. Hours Reactor Critical	623.3	6,829.1	45,330.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	573.5	6,771.3	44,996.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,318,343.0	16,685,244.0	110,231,885.4
18. Gross Elec Ener (MWH)	434,857.0	5,508,201.0	35,652,005.0
19. Net Elec Ener (MWH)	405,156.0	5,200,472.0	33,650,279.0
20. Unit Service Factor	77.1	77.3	83.8
21. Unit Avail Factor	77.1	77.2	83.8
22. Unit Cap Factor (MDC Net)	66.4	72.4	75.9
23. Unit Cap Factor (DER Net)	65.1	71.0	75.0
24. Unit Forced Outage Rate	4.9	1.6	2.9
25. Forced Outage Hours	29.6	107.6	1,343.8

 * BEAVER VALLEY 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	836
2	0	17	840
3	0	18	836
4	0	19	837
5	0	20	839
6	0	21	841
7	7	22	841
8	106	23	842
9	175	24	841
10	176	25	841
11	396	26	842
12	628	27	842
13	648	28	836
14	751	29	840
15	781	30	840
		31	838

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BEAVER VALLEY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
19	11/30/93	S	58.4	C	4		RC	FUELXX	CONTINUED WITH FOURTH REFUELING OUTAGE.
20	12/03/93	F	29.6	C	9		WG	VALVEX	THE UNIT REMAINED SHUTDOWN TO REPAIR THE TURBINE DRIVEN AUXILIARY FEEDWATER PUMP GOVERNOR VALVE.
21	12/04/93	S	78.7	C	9		RC	FUELXX	UNIT REMAINED SHUTDOWN TO COMPLETE THE FOURTH REFUELING OUTAGE.
22	12/08/93	S	4.2	B	1		HA	TURBIN	THE UNIT WAS REMOVED FROM SERVICE TO PERMIT TURBINE OVERSPEED TRIP TESTING.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... DUQUESNE LIGHT CO.

CORPORATE ADDRESS..... P.O. BOX 4
 SHIPPINGPORT, PENNSYLVANIA 15077

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... LAWRENCE ROSSBACH

LICENSING PROJ MANAGER..... GORDON E. EDISON

DOCKET NUMBER..... 50-412

LICENSE & DATE ISSUANCE..... WPF 073, AUGUST 14, 1987

1. Docket: 50-155 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 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 Occur 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	249,659.0
13. Hours Reactor Critical	744.0	6,958.8	195,115.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,933.5	192,079.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	169,580.0	1,408,284.0	36,902,991.0
18. Gross Elec Ener (MWH)	54,274.0	450,030.0	11,722,115.0
19. Net Elec Ener (MWH)	51,577.7	426,079.6	11,089,260.0
20. Unit Service Factor	100.0	79.1	71.2
21. Unit Avail Factor	100.0	79.1	71.2
22. Unit Cap Factor (MDC Net)	103.5	72.6	61.1
23. Unit Cap Factor (DER Net)	96.3	67.6	57.1
24. Unit Forced Outage Rate	0.0	0.0	11.3
25. Forced Outage Hours	0.0	0.0	15,991.7

* BIG ROCK POINT *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	69	16	69
2	69	17	69
3	69	18	69
4	69	19	69
5	69	20	70
6	69	21	70
7	69	22	69
8	70	23	69
9	69	24	69
10	69	25	69
11	69	26	70
12	70	27	70
13	70	28	69
14	70	29	70
15	70	30	70
		31	70

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* BIG ROCK POINT *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... ROY LEEMON

LICENSING PROJ MANAGER..... LEONARD N. OLSHAN

DOCKET NUMBER..... 50-155

LICENSE & DATE ISSUANCE..... DPR 006, AUGUST 30, 1964

1. Docket: 50-456 O P E R A T I N G S T A T U S
 2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
 3. Utility Contact: P. STANCZAK (815) 458-2801 EXT. 2486
 4. Licensed Thermal Power (Mwt): 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): 1120
 9. If Changes Occur 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	47,553.0
13. Hours Reactor Critical	744.0	8,081.0	37,598.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,049.8	37,025.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,492,837.2	26,038,888.9	112,940,528.5
18. Gross Elec Ener (MWH)	868,360.0	9,025,933.0	38,814,587.0
19. Net Elec Ener (MWH)	842,038.0	8,693,122.0	37,142,817.0
20. Unit Service Factor	100.0	91.9	77.9
21. Unit Avail Factor	100.0	91.9	77.9
22. Unit Cap Factor (MDC Net)	101.1	88.6	69.7
23. Unit Cap Factor (DER Net)	101.1	88.6	69.7
24. Unit Forced Outage Rate	0.0	7.7	9.5
25. Forced Outage Hours	0.0	668.8	3,905.1

 * BRAIDWOOD 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1143	16	1143
2	1138	17	1146
3	1135	18	1144
4	1132	19	1129
5	1108	20	1132
6	1124	21	1140
7	1141	22	1142
8	1142	23	1112
9	1137	24	1109
10	1128	25	1089
11	1138	26	1118
12	1061	27	1140
13	1136	28	1143
14	1146	29	1142
15	1146	30	1144
		31	1144

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

REFUELING OUTAGE, MARCH 4, 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* BRAIDWOOD 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... ILLINOIS

COUNTY..... WILL

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 24 MI SSW OF JOLIET, IL

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MAY 29, 1987

DATE INITIAL ELECTRICITY..... JULY 12, 1987

DATE COMMERCIAL OPERATE..... JULY 29, 1988

CONDENSER COOLING METHOD..... CC ART

CONDENSER COOLING WATER..... KANKAKEE RIVER

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

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..... STEVIE DU PONT

LICENSING PROJ MANAGER..... RAMIN R. ASSA

DOCKET NUMBER..... 50-456

LICENSE & DATE ISSUANCE..... NPF 072, JULY 02, 1987

1. Docket: 50-457 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: P. STANCZAK (J15) 458-2801 EXT. 2486

4. Licensed Thermal Power (MWT): 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): 1120

9. If Changes Occur 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	<u>744.0</u>	<u>8,760.0</u>	<u>45,635.0</u>
13. Hours Reactor Critical	<u>744.0</u>	<u>7,151.7</u>	<u>38,314.2</u>
14. Rx Reserve Shtdwn Hrs	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
15. Hrs Generator On-Line	<u>744.0</u>	<u>7,098.5</u>	<u>37,986.3</u>
16. Unit Reserve Shtdwn Hrs	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
17. Gross Therm Ener (MWH)	<u>2,491,223.8</u>	<u>22,475,454.1</u>	<u>114,488,197.1</u>
18. Gross Elec Ener (MWH)	<u>862,876.0</u>	<u>7,657,102.0</u>	<u>39,113,823.0</u>
19. Net Elec Ener (MWH)	<u>836,906.0</u>	<u>7,352,547.0</u>	<u>37,466,583.0</u>
20. Unit Service Factor	<u>100.0</u>	<u>81.0</u>	<u>83.2</u>
21. Unit Avail Factor	<u>100.0</u>	<u>81.0</u>	<u>83.2</u>
22. Unit Cap Factor (MDC Net)	<u>100.4</u>	<u>74.9</u>	<u>73.3</u>
23. Unit Cap Factor (DER Net)	<u>100.4</u>	<u>74.9</u>	<u>73.3</u>
24. Unit Forced Outage Rate	<u>0.0</u>	<u>3.4</u>	<u>3.7</u>
25. Forced Outage Hours	<u>0.0</u>	<u>248.7</u>	<u>1,446.0</u>

* BRAIDWOOD 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
<u>1</u>	<u>1141</u>	<u>16</u>	<u>1072</u>
<u>2</u>	<u>1141</u>	<u>17</u>	<u>960</u>
<u>3</u>	<u>1141</u>	<u>18</u>	<u>966</u>
<u>4</u>	<u>1140</u>	<u>19</u>	<u>1066</u>
<u>5</u>	<u>1140</u>	<u>20</u>	<u>1134</u>
<u>6</u>	<u>1137</u>	<u>21</u>	<u>1141</u>
<u>7</u>	<u>1139</u>	<u>22</u>	<u>1143</u>
<u>8</u>	<u>1141</u>	<u>23</u>	<u>1143</u>
<u>9</u>	<u>1142</u>	<u>24</u>	<u>1142</u>
<u>10</u>	<u>1139</u>	<u>25</u>	<u>1139</u>
<u>11</u>	<u>1139</u>	<u>26</u>	<u>1141</u>
<u>12</u>	<u>1139</u>	<u>27</u>	<u>1143</u>
<u>13</u>	<u>1141</u>	<u>28</u>	<u>1141</u>
<u>14</u>	<u>1141</u>	<u>29</u>	<u>1139</u>
<u>15</u>	<u>1142</u>	<u>30</u>	<u>1141</u>
		<u>31</u>	<u>1142</u>

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* BRAIDWOOD 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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..... WILL

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 24 MI SSW OF JOLIET, IL

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MARCH 08, 1988

DATE INITIAL ELECTRICITY..... MAY 25, 1988

DATE COMMERCIAL OPERATE..... OCTOBER 17, 1988

CONDENSER COOLING METHOD..... CCART

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
 DONNER'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..... STEVIE DU PONT

LICENSING PROJ MANAGER..... RAMIN R. ASSA

DOCKET NUMBER..... 50-457

LICENSE & DATE ISSUANCE..... NPF 077, MAY 20, 1988

1. Docket: 50-259 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 0.0

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

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): 0

8. Maximum Dependable Capacity (Net MWe): 0

9. If Changes Occur 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	0.0	0.0	95,743.0
13. Hours Reactor Critical	0.0	0.0	59,521.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	6,997.0
15. Hrs Generator On-Line	0.0	0.0	58,267.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	0.0	168,066,787.0
18. Gross Elec Ener (MWH)	0.0	0.0	55,398,130.0
19. Net Elec Ener (MWH)	0.0	0.0	53,796,427.0
20. Unit Service Factor	0.0	0.0	60.9
21. Unit Avail Factor	0.0	0.0	60.9
22. Unit Cap Factor (MDC Net)	0.0	0.0	52.8
23. Unit Cap Factor (DER Net)	0.0	0.0	52.8
24. Unit Forced Outage Rate	0.0	0.0	25.6
25. Forced Outage Hours	0.0	0.0	20,022.0

 * BROWNS FERRY 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

26. Shutdowns Sched 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, 1995.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BROWNS FERRY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1	06/01/85	S	744.0	F	4				ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... TENNESSEE VALLEY AUTHORITY

CORPORATE ADDRESS..... 400 WEST SUMMIT HILL DRIVE
 KNOXVILLE, TENNESSEE 37902

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..... CHARLES PATTERSON

LICENSING PROJ MANAGER..... THIERRY M. ROSS

DOCKET NUMBER..... 50-259

LICENSE & DATE ISSUANCE..... DPR 033, DECEMBER 20, 1973

1. Docket: 50-260 OPERATING STATUS
2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
3. Utility Contact: T. R. SMITH (205) 729-2955
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): 1065
9. If Changes Occur Above Since Last Report, Give Reasons:

 * BROWNS FERRY 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1092	16	1089
2	1090	17	1092
3	1090	18	1084
4	1081	19	1098
5	1090	20	1085
6	1094	21	1092
7	1091	22	1093
8	1090	23	1091
9	1090	24	1088
10	1092	25	1085
11	1085	26	1095
12	1091	27	1093
13	1093	28	1090
14	1089	29	1091
15	1092	30	1091
		31	1093

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	113,311.0
13. Hours Reactor Critical	744.0	5,853.9	74,356.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	14,200.0
15. Hrs Generator On-Line	744.0	5,754.2	72,625.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,445,505.0	17,818,949.5	208,547,601.0
18. Gross Elec Ener (MWH)	830,240.0	5,930,270.0	69,207,918.0
19. Net Elec Ener (MWH)	811,267.0	5,776,842.0	66,975,869.0
20. Unit Service Factor	100.0	65.7	64.1
21. Unit Avail Factor	100.0	65.7	64.1
22. Unit Cap Factor (MDC Net)	102.4	61.9	55.5
23. Unit Cap Factor (DER Net)	102.4	61.9	55.5
24. Unit Forced Outage Rate	0.0	0.0	18.8
25. Forced Outage Hours	0.0	0.0	16,790.5

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BROWNS FERRY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * BROWNS FERRY 2 *

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 37902

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..... CHARLES PATTERSON

LICENSING PROJ MANAGER..... THIERRY M. ROSS

DOCKET NUMBER..... 50-260

LICENSE & DATE ISSUANCE..... DPR 052, AUGUST 02, 1974

1. Docket: 50-296 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 0.0

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

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): 0

8. Maximum Dependable Capacity (Net MWe): 0

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

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

11. Reasons for Restrictions, If Any:

 * BROWNS FERRY 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	0.0	0.0	73,055.0
13. Hours Reactor Critical	0.0	0.0	45,306.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,150.0
15. Hrs Generator On-Line	0.0	0.0	44,195.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	0.0	131,868,267.0
18. Gross Elec Ener (MWH)	0.0	0.0	43,473,760.0
19. Net Elec Ener (MWH)	0.0	0.0	42,114,009.0
20. Unit Service Factor	0.0	0.0	60.5
21. Unit Avail Factor	0.0	0.0	60.5
22. Unit Cap Factor (MDC Net)	0.0	0.0	54.2
23. Unit Cap Factor (DER Net)	0.0	0.0	54.1
24. Unit Forced Outage Rate	0.0	0.0	21.6
25. Forced Outage Hours	0.0	0.0	12,155.0

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BROWNS FERRY 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1	06/01/85	S	744.0	F	4				ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.

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 DATA

 * BROWNS FERRY 3 *

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

U1

LICENSEE..... TENNESSEE VALLEY AUTHORITY
 CORPORATE ADDRESS..... 400 WEST SUMMIT HILL DRIVE
 KNOXVILLE, TENNESSEE 37902

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..... CHARLES PATTERSON
 LICENSING PROJ MANAGER..... JOSEPH F. WILLIAMS
 DOCKET NUMBER..... 50-296
 LICENSE & DATE ISSUANCE..... DPR 068, AUGUST 18, 1976

1. Docket: 50-325 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: RONALD RUMPLE (919) 457-2752

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 867

6. Design Electrical Rating (Net MWe): 821

7. Maximum Dependable Capacity (Gross MWe): 791

8. Maximum Dependable Capacity (Net MWe): 767

9. If Changes Occur 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	147,192.0
13. Hours Reactor Critical	0.0	0.0	87,881.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,647.1
15. Hrs Generator On-Line	0.0	0.0	84,201.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	0.0	183,021,943.5
18. Gross Elec Ener (MWH)	0.0	0.0	60,019,285.0
19. Net Elec Ener (MWH)	(6,105.0)	(68,257.0)	57,648,949.0
20. Unit Service Factor	0.0	0.0	57.2
21. Unit Avail Factor	0.0	0.0	57.2
22. Unit Cap Factor (MDC Net)	0.0	0.0	49.8
23. Unit Cap Factor (DER Net)	0.0	0.0	47.7
24. Unit Forced Outage Rate	0.0	0.0	16.0
25. Forced Outage Hours	0.0	0.0	16,087.8

 * BRUNSWICK 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-8	16	5
2	-8	17	-5
3	-8	18	-5
4	-7	19	-5
5	-8	20	-9
6	-8	21	-10
7	-9	22	-10
8	-9	23	-9
9	-9	24	-9
10	-9	25	-9
11	-9	26	-9
12	-10	27	-9
13	-8	28	-10
14	-5	29	-10
15	-5	30	-10
		31	-10

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

27. If Currently Shutdown, Estimated Startup Date: 01/21/94

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE AFTER 1990.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BRUNSWICK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
94-001	03/08/93	S	744.0	C	4		RC	FUELXX	NORMAL REFUELING OUTAGE.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... CAROLINA POWER & LIGHT CO.

CORPORATE ADDRESS..... P.O. BOX 1551
 RALEIGH, NORTH CAROLINA 27602

CONTRACTOR

ARCHITECT/ENGINEER..... UNITED ENG. & CONSTRUCTORS

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BROWN & ROOT

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... RICHARD PREVATTE

LICENSING 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 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: RONALD RUMPLE (919) 457-2752

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 867

6. Design Electrical Rating (Net MWe): 821

7. Maximum Dependable Capacity (Gross MWe): 782

8. Maximum Dependable Capacity (Net MWe): 754

9. If Changes Occur 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	159,216.0
13. Hours Reactor Critical	744.0	5,915.3	98,006.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,525.8	92,680.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,788,957.5	12,769,934.7	196,896,788.5
18. Gross Elec Ener (MWH)	582,215.0	4,128,845.0	63,679,314.0
19. Net Elec Ener (MWH)	565,728.0	3,976,493.0	61,024,053.0
20. Unit Service Factor	100.0	63.1	58.2
21. Unit Avail Factor	100.0	63.1	58.2
22. Unit Cap Factor (MDC Net)	100.8	60.2	48.9
23. Unit Cap Factor (DER Net)	92.6	55.3	46.7
24. Unit Forced Outage Rate	0.0	0.0	12.8
25. Forced Outage Hours	0.0	0.0	13,562.5

 * BRUNSWICK 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	770	16	751
2	770	17	772
3	770	18	762
4	765	19	551
5	737	20	772
6	770	21	770
7	770	22	769
8	770	23	770
9	769	24	769
10	770	25	770
11	769	26	768
12	770	27	770
13	771	28	770
14	770	29	769
15	760	30	769
		31	769

26. Shutdowns Sched 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 AFTER 1990.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BRUNSWICK 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-051	12/19/93	S	0.0	B	5		AA	ROD	POWER REDUCTION FOR DEEP/SALLOW CONTROL ROD EXCHANGE, CONTROL ROD SCRAM TIME TESTING AND MONTHLY VALVE TESTING.

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..... 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

LICENSE# 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..... RICHARD PREVATTE

LICENSING PROJ MANAGER..... PATRICK D. MILANO

DOCKET NUMBER..... 50-324

LICENSE & DATE ISSUANCE..... DPR 062, DECEMBER 27, 1974

1. Docket: 50-454 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MMt): 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 Occur 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	72,697.0
13. Hours Reactor Critical	744.0	7,152.2	60,810.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	38.0
15. Hrs Generator On-Line	744.0	7,105.3	60,132.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,471,430.0	22,604,808.0	183,061,099.0
18. Gross Elec Ener (MWH)	850,821.0	7,716,957.0	61,818,545.0
19. Net Elec Ener (MWH)	814,017.0	7,357,469.0	58,563,329.0
20. Unit Service Factor	100.0	81.1	82.7
21. Unit Avail Factor	100.0	81.1	82.7
22. Unit Cap Factor (MDC Net)	99.0	76.0	72.9
23. Unit Cap Factor (DER Net)	97.7	75.0	71.9
24. Unit Forced Outage Rate	0.0	1.3	2.4
25. Forced Outage Hours	0.0	94.9	1,498.3

* BYRON 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1098	16	1104
2	1098	17	1101
3	1098	18	1102
4	1091	19	1102
5	1041	20	1106
6	1056	21	1109
7	1099	22	1110
8	1092	23	1111
9	1093	24	1112
10	1101	25	1105
11	1101	26	1104
12	1104	27	1097
13	1103	28	1094
14	1101	29	1092
15	1100	30	1090
		31	987

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

+ BYRON 1 *

No. Date Type Hours Reason Method LER Number System Component Cause and Corrective Action To Prevent Recurrence

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 DATA

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..... FEBRUARY 02, 1985

DATE INITIAL ELECTRICITY..... MARCH 01, 1985

DATE COMMERCIAL OPERATE..... SEPTEMBER 16, 1985

CONDENSER COOLING METHOD..... CC HNDCT

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

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... COMMONWEALTH EDISON

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... PETE PETERSON

LICENSING PROJ MANAGER..... JOHN B. HICKMAN

DOCKET NUMBER..... 50-454

LICENSE & DATE ISSUANCE..... NPF 037, FEBRUARY 14, 1985

1. Docket: 50-455 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWT): 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 Occur 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	55,801.0
13. Hours Reactor Critical	744.0	7,470.3	47,805.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,400.3	47,205.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,454,116.0	23,321,470.0	136,071,928.0
18. Gross Elec Ener (MWH)	846,460.0	7,967,336.0	46,183,274.0
19. Net Elec Ener (MWH)	809,984.0	7,622,468.0	43,783,227.0
20. Unit Service Factor	100.0	84.5	84.6
21. Unit Avail Factor	100.0	84.5	84.6
22. Unit Cap Factor (MDC Net)	98.5	78.7	71.0
23. Unit Cap Factor (DER Net)	97.2	77.7	70.1
24. Unit Forced Outage Rate	0.0	1.3	2.8
25. Forced Outage Hours	0.0	99.4	1,343.4

 * BYRON 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1104	16	1112
2	1079	17	1110
3	1106	18	1084
4	1098	19	783
5	1082	20	1102
6	1096	21	1117
7	1102	22	1116
8	1098	23	1101
9	1089	24	1087
10	1094	25	1070
11	1108	26	1099
12	1110	27	1100
13	1101	28	1098
14	1102	29	1096
15	1105	30	1103
		31	1080

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * BYRON 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
6	12/19/93	S	0.0	A	5		FW	VALVE	REDUCED LOAD FOR PLANNED MAINTENANCE ON 2FW009C.

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

UTILITY & CONTRACTOR INFORMATION

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..... CCHMDCT

CONDENSER COOLING WATER..... ROCK RIVER

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

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..... JOHN B. HICKMAN

DOCKET NUMBER..... 50-455

LICENSE & DATE ISSUANCE..... NPF 066, JANUARY 30, 1987

1. Docket: 50-483 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: J. B. MCINVALE (314) 676-8247

4. Licensed Thermal Power (MMt): 3565

5. Nameplate Rating (Gross MWe): 1236

6. Design Electrical Rating (Net MWe): 1171

7. Maximum Dependable Capacity (Gross MWe): 1232

8. Maximum Dependable Capacity (Net MWe): 1120

9. If Changes Occur 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	79,166.0
13. Hours Reactor Critical	744.0	7,569.0	68,937.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,499.4	67,555.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,607,610.0	25,785,138.0	226,865,088.0
18. Gross Elec Ener (MWH)	894,834.0	8,809,227.0	77,371,123.0
19. Net Elec Ener (MWH)	854,312.0	8,389,953.0	73,564,051.0
20. Unit Service Factor	100.0	85.6	85.3
21. Unit Avail Factor	100.0	85.6	85.3
22. Unit Cap Factor (MDC Net)	102.5	85.5	83.0
23. Unit Cap Factor (DER Net)	98.1	81.8	79.4
24. Unit Forced Outage Rate	0.0	0.0	2.6
25. Forced Outage Hours	0.0	0.0	1,775.6

* CALLAWAY *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1164	16	1170
2	1166	17	1149
3	1166	18	1170
4	1168	19	1172
5	1169	20	1132
6	1169	21	1094
7	1153	22	1129
8	1168	23	1129
9	1162	24	1117
10	1134	25	1132
11	1172	26	1128
12	1169	27	1124
13	1166	28	1078
14	1152	29	1123
15	1169	30	1136
		31	1166

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* CALLAWAY *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * CALLAWAY *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... UNION ELECTRIC CO.

CORPORATE ADDRESS..... P.O. BOX 149
 ST LOUIS, MISSOURI 63166

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC 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..... WPF 030, OCTOBER 18, 1984

1. Docket: 50-317 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: FRANK PIAZZA (410) 260-3821

4. Licensed Thermal Power (Mwt): 2700

5. Nameplate Rating (Gross MWe): 918

6. Design Electrical Rating (Net MWe): 845

7. Maximum Dependable Capacity (Gross MWe): 866

8. Maximum Dependable Capacity (Net MWe): 830

9. If Changes Occur 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	163,501.0
13. Hours Reactor Critical	744.0	8,619.0	116,968.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,019.4
15. Hrs Generator On-Line	744.0	8,599.5	114,578.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,986,093.0	23,035,968.0	290,314,819.0
18. Gross Elec Ener (MWH)	662,384.0	7,646,012.0	96,473,546.0
19. Net Elec Ener (MWH)	635,795.0	7,334,896.0	91,804,282.0
20. Unit Service Factor	100.0	98.2	70.1
21. Unit Avail Factor	100.0	98.2	70.1
22. Unit Cap Factor (MDC Net)	103.0	101.1	68.0
23. Unit Cap Factor (DER Net)	101.1	99.1	66.4
24. Unit Forced Outage Rate	0.0	1.8	8.7
25. Forced Outage Hours	0.0	160.5	10,984.7

* CALVERT CLIFFS 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	866	16	866
2	864	17	866
3	865	18	865
4	751	19	866
5	847	20	866
6	863	21	866
7	752	22	865
8	761	23	867
9	864	24	868
10	864	25	867
11	865	26	868
12	866	27	868
13	865	28	868
14	865	29	868
15	866	30	869
		31	868

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

REFUELING OUTAGE, FEBRUARY 4, 1994, 95 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 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * CALVERT CLIFFS 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-06	12/07/93	F	0.0	H	5		FK	XFMR	A TRANSFORMER FIRE AT THE WAUGH CHAPEL SUBSTATION, LOCATED 4.8 MILES NORTH OF CALVERT CLIFFS, REQUIRED A POWER REDUCTION UNTIL REPAIRS WERE COMPLETED. WHILE THE POWER WAS REDUCED, A LEAK WAS REPAIRED ON THE 13A FEEDWATER HEATER RELIEF VALVE.

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..... 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

HUC 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. MCDOWALD

DOCKET NUMBER..... 50-317

LICENSE & DATE ISSUANCE..... DPR 053, JULY 31, 1974

1. Docket: 50-318 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: FRANK PIAZZA (410) 260-3821

4. Licensed Thermal Power (Mwt): 2700

5. Nameplate Rating (Gross MWe): 911

6. Design Electrical Rating (Net MWe): 845

7. Maximum Dependable Capacity (Gross MWe): 866

8. Maximum Dependable Capacity (Net MWe): 830

9. If Changes Occur 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	146,856.0
13. Hours Reactor Critical	744.0	6,072.4	106,036.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,296.8
15. Hrs Generator On-Line	744.0	5,941.8	104,523.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,997,513.0	15,720,751.0	266,865,543.0
18. Gross Elec Ener (MWH)	671,946.0	5,197,091.0	88,155,869.0
19. Net Elec Ener (MWH)	645,972.0	4,974,705.0	84,243,134.0
20. Unit Service Factor	100.0	67.8	71.2
21. Unit Avail Factor	100.0	67.8	71.2
22. Unit Cap Factor (MDC Net)	105.2	68.6	69.5
23. Unit Cap Factor (DER Net)	102.8	67.2	67.9
24. Unit Forced Outage Rate	0.0	1.0	5.7
25. Forced Outage Hours	0.0	58.6	6,293.5

 * CALVERT CLIFFS 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	871	16	871
2	871	17	871
3	872	18	871
4	871	19	871
5	871	20	871
6	870	21	871
7	809	22	870
8	867	23	870
9	868	24	870
10	868	25	871
11	870	26	870
12	870	27	870
13	870	28	869
14	871	29	870
15	870	30	870
		31	871

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * CALVERT CLIFFS 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-07	12/07/93	F	0.0	H	5		FK	XFMR	A TRANSFORMER FIRE AT THE WAUGH CHAPEL SUBSTATION, LOCATED 48 MILES NORTH OF CALVERT CLIFFS, REQUIRED A POWER REDUCTION. THE TRANSFORMER WAS REPAIRED AND THE UNIT WAS RETURNED TO 100% REACTOR POWER.

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * CATAMBA 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	74,593.0
13. Hours Reactor Critical	46.9	6,991.4	55,778.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	9.4	6,918.7	54,653.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	9,102.0	22,705,728.0	177,242,536.0
18. Gross Elec Ener (MWH)	968.0	8,038,916.0	62,364,135.0
19. Net Elec Ener (MWH)	(12,604.0)	7,579,388.0	58,544,629.0
20. Unit Service Factor	1.3	79.0	73.3
21. Unit Avail Factor	1.3	79.0	73.3
22. Unit Cap Factor (MDC Net)	0.0	76.6	69.2
23. Unit Cap Factor (DER Net)	0.0	75.6	68.5
24. Unit Forced Outage Rate	0.0	4.6	10.3
25. Forced Outage Hours	0.0	336.5	6,268.5

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

27. If Currently Shutdown, Estimated Startup Date: 01/01/94

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * CATAWBA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
4	10/29/93	S	734.0	C	4		RC	FUELXX	END OF CYCLE SEVEN REFUELING OUTAGE.
5	12/31/93	S	0.6	B	1		HA	TURBIN	TURBINE OVERSPEED TRIP TEST.
12-P	12/31/93	F	0.0	A	9		HA	INSTRU	POWER HOLD FOR TURBINE CONTROL SYSTEM PROBLEM.
13-P	12/31/93	S	0.0	B	9		HA	TURBIN	POWER HOLD FOR TURBINE WARMING/SOAK.

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 NNW 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 1993 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 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 Occur 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	64,609.0
13. Hours Reactor Critical	744.0	7,294.5	49,940.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,233.9	49,079.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,524,163.0	24,197,893.0	156,889,039.0
18. Gross Elec Ener (MWH)	906,242.0	8,616,284.0	55,577,259.0
19. Net Elec Ener (MWH)	860,462.0	8,162,731.0	52,290,057.0
20. Unit Service Factor	100.0	82.6	76.0
21. Unit Avail Factor	100.0	82.6	76.0
22. Unit Cap Factor (MDC Net)	102.4	82.5	71.5
23. Unit Cap Factor (DER Net)	101.0	81.4	70.7
24. Unit Forced Outage Rate	0.0	0.6	9.7
25. Forced Outage Hours	0.0	44.0	5,261.2

 > CATAMBA 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1123	16	1153
2	1160	17	1156
3	1159	18	1155
4	1152	19	1159
5	1157	20	1158
6	1157	21	1160
7	1158	22	1160
8	1158	23	1159
9	1157	24	1160
10	1153	25	1159
11	1156	26	1162
12	1157	27	1161
13	1157	28	1156
14	1156	29	1161
15	1155	30	1161
		31	1160

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

REFUELING OUTAGE, APRIL 29, 1994, 68 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * CATAMBA 2 *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... SOUTH CAROLINA

COUNTY..... YORK

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 6 MI NNW 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 WG WATER..... LAKE WYLIE

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

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..... 50-414

LICENSE & DATE ISSUANCE..... NPF 052, MAY 15, 1986

1. Docket: 50-461 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: M. C. HOLLOW (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 Occur 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	53,506.0
13. Hours Reactor Critical	537.8	6,970.0	37,443.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	323.3	6,750.3	36,206.1
16. Unit Reserve Shtdwn Hrs	0.0	4.0	4.0
17. Gross Therm Ener (MWH)	471,577.0	18,613,442.0	95,057,335.0
18. Gross Elec Ener (MWH)	147,082.0	6,161,834.0	31,418,864.0
19. Net Elec Ener (MWH)	126,820.0	5,879,183.0	29,865,822.0
20. Unit Service Factor	43.5	77.1	67.7
21. Unit Avail Factor	43.5	77.1	67.7
22. Unit Cap Factor (MDC Net)	18.3	72.2	60.0
23. Unit Cap Factor (DER Net)	18.3	71.9	59.8
24. Unit Forced Outage Rate	44.1	3.6	11.1
25. Forced Outage Hours	255.0	255.0	4,507.4

 * CLINTON 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	477
2	0	17	701
3	0	18	773
4	0	19	895
5	0	20	403
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	133	26	0
12	277	27	0
13	260	28	40
14	122	29	269
15	269	30	314
		31	687

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * CLINTON 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-05	09/26/93	S	139.8	C	4		RC	FI%LXX	CONTINUED FOURTH REFUELING OUTAGE.
	12/06/93	F	60.1	A	9				PLANT AT 5% REACTOR POWER WHEN MANUAL SCRAM INSERTED DUE TO THE "B" TURBINE DRIVEN REACTOR FEEDWATER PUMP (TDRFP) TRIPPING DURING PLANT STARTUP.
	12/09/93	S	22.4	H	9				CONTINUED SCHEDULED REFUELING OUTAGE STARTUP ACTIVITIES AFTER RESTORATION OF FEEDWATER PUMPS.
93-06	12/10/93	S	3.5	B	1				TURBINE GENERATOR TAKEN OFF LINE TO PERFORM TESTING.
93-07	12/20/93	F	194.9	A	2				WHILE ATTEMPTING TO SWAP FROM "A" STEAM JET AIR EJECTOR (SJAE) TO THE "B" SJAE, OPERATION OF AN IMPROPERLY CALIBRATED VALVE CONTROLLER LED TO THE LOSS OF THE "B" SJAE/OFF GAS TRIM AND SUBSEQUENT LOSS OF CONDENSER VACUUM. A MANUAL SCRAM WAS INITIATED.

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

CONTRACTOR

ARCHITECT/ENGINEER..... SARGENT & LUNDY

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BALDWIN ASSOCIATES

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... PHILIP G. BROCHMAN

LICENSING PROJ MANAGER..... DOUGLAS V. PICKETT

DOCKET NUMBER..... 50-461

LICENSE & DATE ISSUANCE..... NPF 062, OCTOBER 09, 1987

1. Docket: 50-445 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (Mwt): 3411

5. Nameplate Rating (Gross MWe): 1161

6. Design Electrical Rating (Net MWe): 1150

7. Maximum Dependable Capacity (Gross MWe): 1161

8. Maximum Dependable Capacity (Net MWe): 1150

9. If Changes Occur 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	29,681.0
13. Hours Reactor Critical	394.0	7,020.8	22,539.3
14. Rx Reserve Shtdwn Hrs	30.0	95.2	2,353.8
15. Hrs Generator On-Line	332.7	6,933.7	22,092.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	794,170.0	22,453,978.2	69,749,805.6
18. Gross Elec Ener (MWH)	259,508.0	7,500,092.0	23,135,257.0
19. Net Elec Ener (MWH)	232,055.0	7,153,475.0	21,995,851.0
20. Unit Service Factor	44.8	79.2	74.4
21. Unit Avail Factor	44.8	79.2	74.4
22. Unit Cap Factor (MDC Net)	27.1	71.0	64.4
23. Unit Cap Factor (DER Net)	27.1	71.0	64.4
24. Unit Forced Outage Rate	12.2	1.9	6.1
25. Forced Outage Hours	46.3	135.3	1,432.7

 * COMANCHE PEAK 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	86
2	0	17	201
3	0	18	482
4	0	19	738
5	0	20	787
6	0	21	795
7	0	22	867
8	0	23	1039
9	0	24	515
10	0	25	0
11	0	26	42
12	0	27	444
13	0	28	890
14	0	29	1087
15	0	30	1106
		31	1105

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * COMANCHE PEAK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
14	10/06/93	S	365.0	C	4		RC	FUELXX	THIRD REFUELING OUTAGE.
15	12/24/93	F	46.3	G	3	94001			WHILE TROUBLESHOOTING THE TURBINE SPEED SENSOR, A TECHNICIAN INADVERTENTLY GROUNDED THE FUNCTIONAL SENSOR RESULTING IN ZERO SPEED INDICATION. THE TURNING GEAR OIL SUPPLY VALVE OPENED AS DESIGNED, CAUSING A DROP IN BEARING OIL PRESSURE AND A REACTOR TRIP.

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

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 W. OLIVER 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..... WILLIAM JONES

LICENSING PROJ MANAGER..... THOMAS A. BERGMAN

DOCKET NUMBER..... 50-445

LICENSE & DATE ISSUANCE..... NPF-087, APRIL 16, 1990

1. Docket: 50-446 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (Mwt): 3411

5. Nameplate Rating (Gross MWe): 1161

6. Design Electrical Rating (Net MWe): 1150

7. Maximum Dependable Capacity (Gross MWe): 1161

8. Maximum Dependable Capacity (Net MWe): 1150

9. If Changes Occur 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	3,616.0	3,616.0
13. Hours Reactor Critical	744.0	3,288.0	3,288.0
14. Rx Reserve Shtdwn Hrs	0.0	328.0	328.0
15. Hrs Generator On-Line	744.0	3,245.3	3,245.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,512,502.0	10,617,958.0	10,617,958.0
18. Gross Elec Ener (MWH)	855,730.0	3,587,227.0	3,587,227.0
19. Net Elec Ener (MWH)	822,318.0	3,441,806.0	3,441,806.0
20. Unit Service Factor	100.0	89.7	89.7
21. Unit Avail Factor	100.0	89.7	89.7
22. Unit Cap Factor (MDC Net)	96.1	82.8	82.8
23. Unit Cap Factor (DER Net)	96.1	82.8	82.8
24. Unit Forced Outage Rate	0.0	1.7	1.7
25. Forced Outage Hours	0.0	57.0	57.0

* COMANCHE PEAK 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1115	16	1100
2	1118	17	1118
3	1117	18	1116
4	1117	19	1116
5	1116	20	1118
6	1121	21	1119
7	1112	22	1118
8	1116	23	1121
9	1112	24	1119
10	1114	25	1117
11	1104	26	1117
12	1119	27	1118
13	1113	28	1117
14	1105	29	1118
15	798	30	1119
		31	1115

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * COMANCHE PEAK 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
20	12/14/93	F	0.0	A	5				THE CONDENSATE COOLING SUPPLY VALVES TO THE BLOWDOWN HEAT EXCHANGER FAILED, CAUSING A SECONDARY TRANSIENT THAT RESULTED IN THE LOSS OF 2B MFP. THE VALVES WERE REPAIRED.

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... TEXAS

COUNTY..... SOMERVELLE

DIST 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

LICENSEE..... TEXAS UTILITIES ELECTRIC CO.

CORPORATE ADDRESS..... 400 N. OLIVER STREET
 DALLAS, TEXAS 75201

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BROWN & ROOT

TURBINE SUPPLIER..... ALLIS-CHALMERS

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 4

IE RESIDENT INSPECTOR..... WILLIAM JONES

LICENSING PROJ MANAGER..... THOMAS A. BERGMAN

DOCKET NUMBER..... 50-446

LICENSE & DATE ISSUANCE..... NPF-089, APRIL 06, 1993

1. Docket: 50-315 OPERATING STAT S

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: D. G. TURNER (616) 465-5901

4. Licensed Thermal Power (MWT): 3250

5. Nameplate Rating (Gross MWe): 1152

6. Design Electrical Rating (Net MWe): 1020

7. Maximum Dependable Capacity (Gross MWe): 1056

8. Maximum Dependable Capacity (Net MWe): 1000

9. If Changes Occur 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	166,560.0
13. Hours Reactor Critical	744.0	8,760.0	125,653.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	463.0
15. Hrs Generator On-Line	744.0	8,760.0	123,607.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	321.0
17. Gross Therm Ener (MWH)	2,396,807.0	28,083,452.0	363,525,783.0
18. Gross Elec Ener (MWH)	779,730.0	9,079,300.0	118,022,660.0
19. Net Elec Ener (MWH)	752,912.0	8,759,433.0	113,521,798.0
20. Unit Service Factor	100.0	100.0	74.2
21. Unit Avail Factor	100.0	100.0	74.4
22. Unit Cap Factor (MDC Net)	101.2	100.0	67.9
23. Unit Cap Factor (DER Net)	99.2	98.0	66.1
24. Unit Forced Outage Rate	0.0	0.0	5.9
25. Forced Outage Hours	0.0	0.0	7,800.6

 * COOK 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1013	16	1020
2	1015	17	1017
3	1021	18	1020
4	1021	19	1017
5	1020	20	1024
6	1026	21	1017
7	1026	22	1018
8	1019	23	1017
9	1022	24	1022
10	1021	25	1021
11	1020	26	1020
12	1018	27	1023
13	1021	28	1007
14	1020	29	988
15	1021	30	948
		31	892

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

REFUELING OUTAGE, FEBRUARY 12, 1994, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: YEAR-TO-DATE UNIT CAPACITY FACTOR (MDC) AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* COOK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * COOK 1 *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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..... 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..... BETH A. WETZEL

 DOCKET NUMBER..... 50-315

 LICENSE & DATE ISSUANCE..... DPR 058, OCTOBER 25, 1974

1. Docket: 50-316 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: D. G. TURNER (616) 465-5901

4. Licensed Thermal Power (MWT): 3411

5. Nameplate Rating (Gross MWe): 1133

6. Design Electrical Rating (Net MWe): 1090

7. Maximum Dependable Capacity (Gross MWe): 1100

8. Maximum Dependable Capacity (Net MWe): 1060

9. If Changes Occur 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	140,256.0
13. Hours Reactor Critical	744.0	8,491.5	94,849.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,459.5	91,775.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,938,744.0	24,526,323.0	282,114,096.0
18. Gross Elec Ener (MWH)	619,380.0	7,853,870.0	91,607,900.0
19. Net Elec Ener (MWH)	593,187.0	7,553,810.0	88,225,982.0
20. Unit Service Factor	100.0	96.6	65.4
21. Unit Avail Factor	100.0	96.6	65.4
22. Unit Cap Factor (MDC Net)	75.2	81.3	60.2
23. Unit Cap Factor (DER Net)	73.1	79.1	58.7
24. Unit Forced Outage Rate	0.0	3.4	15.1
25. Forced Outage Hours	0.0	300.5	16,360.3

 * COOK 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	774	16	788
2	774	17	786
3	776	18	785
4	776	19	787
5	776	20	789
6	785	21	789
7	782	22	790
8	785	23	787
9	782	24	793
10	775	25	784
11	782	26	790
12	782	27	789
13	785	28	842
14	788	29	909
15	790	30	898
		31	902

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* COOK 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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..... 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..... BETH A. WETZEL

DOCKET NUMBER..... 50-316

LICENSE & DATE ISSUANCE..... DPR 074, DECEMBER 23, 1977

1. Docket: 50-298 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: S. C. WHEELER (402) 825-5487

4. Licensed Thermal Power (MMt): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * COOPER STATION *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	774	16	0
2	773	17	0
3	774	18	0
4	774	19	0
5	775	20	50
6	749	21	459
7	755	22	559
8	745	23	733
9	757	24	769
10	774	25	769
11	758	26	767
12	735	27	768
13	774	28	769
14	50	29	770
15	0	30	770
		31	771

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	170,977.0
13. Hours Reactor Critical	603.8	5,146.8	130,113.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	586.4	5,037.4	128,246.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,330,296.0	11,513,928.0	264,357,892.0
18. Gross Elec Ener (MWH)	443,811.0	3,830,916.0	85,821,898.0
19. Net Elec Ener (MWH)	430,115.0	3,712,862.0	82,871,178.0
20. Unit Service Factor	78.8	57.5	75.0
21. Unit Avail Factor	78.8	57.5	75.0
22. Unit Cap Factor (MDC Net)	75.7	55.5	63.4
23. Unit Cap Factor (DER Net)	74.3	54.5	62.3
24. Unit Forced Outage Rate	21.2	3.0	4.3
25. Forced Outage Hours	157.6	157.6	5,695.0

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

MAINTENANCE OUTAGE, MARCH 1994, ONE - TWO WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * COOPER STATION *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-3	12/14/93	F	157.6	A	3	93038	JB	LC	FEEDWATER LEVEL CONTROL RFC-LC-83 FAILED, RESULTING IN A REACTOR LOW LEVEL AND SUBSEQUENT AUTOMATIC SCRAM.

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 DATA

 * COOPER STATION *

FACILITY DESCRIPTION

LOCATION

STATE..... NEBRASKA

COUNTY..... WEMAHA

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-CONTINENT 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..... KEVIN A. CONNAUGHTON

DOCKET NUMBER..... 50-298

LICENSE & DATE ISSUANCE..... DPR 046, JANUARY 18, 1974

1. Docket: 50-302 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: RALEIGH SMITH (904) 795-6486

4. Licensed Thermal Power (MMt): 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): 821

9. If Changes Occur 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	147,312.0
13. Hours Reactor Critical	744.0	7,445.8	97,966.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,280.6
15. Hrs Generator On-Line	744.0	7,410.1	96,192.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,887,913.0	18,577,638.0	221,141,403.0
18. Gross Elec Ener (MWH)	649,113.0	6,345,916.0	75,520,902.0
19. Net Elec Ener (MWH)	620,149.0	6,080,003.0	71,810,211.0
20. Unit Service Factor	100.0	84.6	65.3
21. Unit Avail Factor	100.0	84.6	65.3
22. Unit Cap Factor (MDC Net)	101.5	84.5	60.3
23. Unit Cap Factor (DER Net)	101.0	84.1	59.1
24. Unit Forced Outage Rate	0.0	0.8	17.3
25. Forced Outage Hours	0.0	63.5	20,142.9

 * CRYSTAL RIVER 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	824	16	836
2	815	17	836
3	795	18	837
4	836	19	836
5	836	20	835
6	835	21	836
7	836	22	836
8	835	23	836
9	835	24	836
10	835	25	837
11	836	26	837
12	836	27	835
13	836	28	837
14	836	29	836
15	836	30	837
		31	836

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

REFUELING OUTAGE, APRIL 7, 1994, 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 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * CRYSTAL RIVER 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-17	12/02/93	S	0.0	A	5		HC	HTEXCH	THE "A" WATER BOX WAS TAKEN OUT OF SERVICE TO REPLACE A SHEAR PIN IN THE AMERTAP DEBRIS FILTER.

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..... PETER HOLMES-RAY

LICENSING PROJ MANAGER..... HARLEY SILVER

DOCKET NUMBER..... 50-302

LICENSE & DATE ISSUANCE..... DPR 072, JANUARY 28, 1977

1. Docket: 50-346 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: STEVE KOCH ('19) 321-7791

4. Licensed Thermal Power (MWt): 2772

5. Nameplate Rating (Gross MWe): 925

6. Design Electrical Rating (Net MWe): 906

7. Maximum Dependable Capacity (Gross MWe): 921

8. Maximum Dependable Capacity (Net MWe): 877

9. If Changes Occur 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	135,193.0
13. Hours Reactor Critical	744.0	7,305.4	82,240.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,532.0
15. Hrs Generator On-Line	744.0	7,248.3	80,023.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1,732.5
17. Gross Therm Ener (MWH)	2,039,083.0	19,283,805.0	199,962,928.0
18. Gross Elec Ener (MWH)	678,844.0	6,407,708.0	66,340,021.0
19. Net Elec Ener (MWH)	645,465.0	6,083,396.0	62,526,369.0
20. Unit Service Factor	100.0	82.7	59.2
21. Unit Avail Factor	100.0	82.7	60.5
22. Unit Cap Factor (MDC Net)	98.9	79.2	52.7
23. Unit Cap Factor (DER Net)	95.8	76.7	51.0
24. Unit Forced Outage Rate	0.0	0.8	21.3
25. Forced Outage Hours	0.0	58.1	21,650.8

* DAVIS-BESSE *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	877	16	879
2	878	17	877
3	878	18	576
4	878	19	844
5	878	20	877
6	877	21	877
7	879	22	877
8	879	23	880
9	879	24	880
10	879	25	878
11	879	26	879
12	879	27	880
13	879	28	879
14	879	29	879
15	879	30	879
		31	879

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * DAVIS-BESSE *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
9	12/18/93	S	0.0	B	5				POWER REDUCTION TO PLUG LEAKING MAIN CONDENSER TUBES AND CLEAN WATER BOXES FOR CIRCULATING WATER LOOP 1 AND CONTROL VALVE TESTING.
10	12/22/93	F	0.0	A	5	93009	VI	TBG	AN UNUSUAL EVENT WAS DECLARED. THE PLANT ENTERED TS 3.0.3 WHEN BOTH CONTROL ROOM EMERGENCY VENTILATION SYSTEM (EVS) TRAINS WERE INOPERABLE. A LEAKING TUBE RUN WAS REPAIRED TO RETURN ONE TRAIN OF CONTROL ROOM EVS TO OPERABLE STATUS.

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-Operation 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 DATA

 * DAVIS-BESSE *

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..... ROBERT J. STRANSKY

DOCKET NUMBER..... 50-346

LICENSE & DATE ISSUANCE..... NPF 003, APRIL 22, 1977

1. Docket: 50-275 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 3338

5. Nameplate Rating (Gross MWe): 1137

6. Design Electrical Rating (Net MWe): 1086

7. Maximum Dependable Capacity (Gross MWe): 1124

8. Maximum Dependable Capacity (Net MWe): 1073

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

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

11. Reasons for Restrictions, If Any: _____

 * D I A B L O C A N Y O N 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1078	16	979
2	1037	17	986
3	440	18	1086
4	465	19	1086
5	450	20	1086
6	483	21	1086
7	1039	22	1082
8	1085	23	1081
9	1085	24	1086
10	1085	25	1086
11	1082	26	634
12	1086	27	-38
13	1086	28	-38
14	1086	29	-40
15	1081	30	-39
		31	-44

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	75,862.3
13. Hours Reactor Critical	615.1	8,631.1	64,243.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	614.4	8,630.4	63,343.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,867,363.0	28,093,103.0	199,834,410.0
18. Gross Elec Ener (MWH)	629,900.0	9,477,500.0	67,268,532.0
19. Net Elec Ener (MWH)	593,958.0	9,028,005.0	63,816,553.0
20. Unit Service Factor	82.6	98.5	83.5
21. Unit Avail Factor	82.6	98.5	83.5
22. Unit Cap Factor (MDC Net)	74.4	96.0	78.4
23. Unit Cap Factor (DER Net)	73.5	94.9	77.5
24. Unit Forced Outage Rate	17.4	1.5	3.2
25. Forced Outage Hours	129.6	129.6	2,093.7

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

REFUELING OUTAGE, MARCH 12, 1994, 57 DAYS.

27. If Currently Shutdown, Estimated Startup Date: 01/01/94

Notes: LICENSEE REVISED AUGUST 1993 GROSS THERMAL FROM 2,482,942.0 TO 2,480,942.0.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * DIABLO CANYON 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1	12/02/93	S	0.0	B	5		SD	COND	REDUCED POWER FOR SCREEN DRIVE REPAIR, INTAKE CONDUIT AND CW TUNNEL CLEANING.
2	12/16/93	S	0.0	B	5		SD	COND	REDUCED POWER FOR CONDENSER CLEANING.
3	12/26/93	F	129.6	A	3	93011	TA	TRB	REACTOR TRIPPED DUE TO A SYSTEM DISTURBANCE AND TRANSDUCER DRIFT. THE TRANSDUCER WAS REPLACED.

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

CONTRACTOR

ARCHITECT/ENGINEER..... PACIFIC GAS & ELECTRIC

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... PACIFIC GAS & ELECTRIC

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... MARY MILLER

LICENSING PROJ MANAGER..... SHERI R. PETERSON

DOCKET NUMBER..... 50-275

LICENSE & DATE ISSUANCE..... DPR 080, NOVEMBER 11, 1984

1. Docket: 50-323 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 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 Occur 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	68,421.0
13. Hours Reactor Critical	744.0	7,384.8	58,219.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,326.2	57,331.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,378,469.0	24,414,899.0	187,716,720.0
18. Gross Elec Ener (MWH)	790,300.0	8,166,100.0	62,511,499.0
19. Net Elec Ener (MWH)	754,309.0	7,788,163.0	59,421,764.0
20. Unit Service Factor	100.0	83.6	83.8
21. Unit Avail Factor	100.0	83.6	83.8
22. Unit Cap Factor (MDC Net)	93.3	81.8	80.0
23. Unit Cap Factor (DER Net)	90.6	79.5	77.6
24. Unit Forced Outage Rate	0.0	1.0	3.9
25. Forced Outage Hours	0.0	74.0	2,325.5

* DIABLO CANYON 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1088	16	698
2	1092	17	768
3	1088	18	491
4	1092	19	637
5	1088	20	1093
6	1092	21	1096
7	1092	22	1096
8	1088	23	1093
9	1087	24	1092
10	1084	25	1100
11	1018	26	1097
12	1059	27	1092
13	1092	28	1092
14	1092	29	1092
15	562	30	1088
		31	1093

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * DIABLO CANYON 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1	12/11/93	S	0.0	B	5		SD	COND	REDUCED POWER FOR CONDENSER CLEANING.
2	12/16/93	S	0.0	B	5		SD	COND	REDUCED POWER FOR LEAK AND INTAKE SCREEN REPAIRS AND CLEANING OF THE DISCHARGE TUNNEL AND SERVICE COOLING HEAT EXCHANGER.

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..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... PACIFIC GAS & ELECTRIC

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... MARY MILLER

LICENSING PROJ MANAGER..... SHERI R. PETERSON

DOCKET NUMBER..... 50-323

LICENSE & DATE ISSUANCE..... DPR 082, AUGUST 26, 1985

1. Docket: 50-237 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 840
 6. Design Electrical Rating (Net MWe): 750
 7. Maximum Dependable Capacity (Gross MWe): 840
 8. Maximum Dependable Capacity (Net MWe): 772
 9. If Changes Occur 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	207,192.0
13. Hours Reactor Critical	744.0	4,886.7	154,457.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	4,791.3	148,216.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,692,699.0	10,283,020.0	305,991,288.0
18. Gross Elec Ener (MWH)	534,855.0	3,237,074.0	97,611,411.0
19. Net Elec Ener (MWH)	508,824.0	3,058,561.0	92,273,809.0
20. Unit Service Factor	100.0	54.7	71.5
21. Unit Avail Factor	100.0	54.7	71.5
22. Unit Cap Factor (MDC Net)	88.6	45.2	57.7
23. Unit Cap Factor (DER Net)	86.1	44.0	56.1
24. Unit Forced Outage Rate	0.0	15.7	12.2
25. Forced Outage Hours	0.0	891.7	20,639.4

 * DRESDEN 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	553	16	723
2	735	17	719
3	748	18	717
4	750	19	714
5	709	20	735
6	746	21	737
7	522	22	739
8	700	23	739
9	758	24	723
10	738	25	735
11	323	26	715
12	355	27	741
13	654	28	712
14	717	29	552
15	720	30	740
		31	684

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * DRESDEN 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
12	12/07/93	F	0.0	B	5				ADJUSTED LIMIT SWITCH ON MAIN STEAM ISOLATION VALVE (MSIV) 2-203-2B.
13	12/11/93	F	0.0	B	5				HEATER BAY ENTRY MADE TO REPAIR STEAM LEAK.
14	12/28/93	F	0.0	B	5				X-AREA COOLER REPAIRS PERFORMED.

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 840

6. Design Electrical Rating (Net MWe): 794

7. Maximum Dependable Capacity (Gross MWe): 840

8. Maximum Dependable Capacity (Net MWe): 773

9. If Changes Occur 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	196,777.0
13. Hours Reactor Critical	744.0	7,116.7	142,705.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,041.8	137,314.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	553,606.0	16,205,362.0	283,734,817.0
18. Gross Elec Ener (MWH)	510,961.0	5,196,411.0	91,350,885.0
19. Net Elec Ener (MWH)	476,805.0	4,969,039.0	86,571,029.0
20. Unit Service Factor	100.0	80.4	69.8
21. Unit Avail Factor	100.0	80.4	69.8
22. Unit Cap Factor (MDC Net)	82.9	73.4	56.9
23. Unit Cap Factor (DER Net)	80.7	71.4	55.4
24. Unit Forced Outage Rate	0.0	19.6	11.7
25. Forced Outage Hours	0.0	1718.2	18,265.8

* DRESDEN 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	694	16	645
2	684	17	642
3	681	18	631
4	522	19	632
5	658	20	627
6	673	21	629
7	674	22	627
8	675	23	623
9	670	24	622
10	661	25	621
11	667	26	619
12	663	27	615
13	660	28	612
14	658	29	609
15	652	30	606
		31	604

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

REFUELING OUTAGE, MARCH 1994, 13 WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * DRESDEN 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
B	12/04/93	F	0.0	B	5				HALF CORE SCRAM TESTING PERFORMED.

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 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
 DOMNER'S GROVE, ILLINOIS 60515

CONTRACTOR

ARCHITECT/ENGINEER..... SARGENT & LUNDY

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWT): 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 Occur 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	165,816.0
13. Hours Reactor Critical	744.0	6,963.4	122,944.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	192.8
15. Hrs Generator On-Line	744.0	6,756.2	119,778.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,224,342.2	10,375,271.0	164,458,564.7
18. Gross Elec Ener (MWH)	415,938.0	3,455,476.0	55,080,385.5
19. Net Elec Ener (MWH)	392,202.5	3,235,009.1	51,631,662.8
20. Unit Service Factor	100.0	77.1	72.2
21. Unit Avail Factor	100.0	77.1	72.2
22. Unit Cap Factor (MDC Net)	102.4	71.7	61.8
23. Unit Cap Factor (DER Net)	98.0	68.6	59.2
24. Unit Forced Outage Rate	0.0	1.4	11.9
25. Forced Outage Hours	0.0	98.2	16,185.3

 * DUANE ARNOLD *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	531	16	529
2	533	17	529
3	531	18	530
4	464	19	531
5	531	20	530
6	530	21	531
7	530	22	532
8	531	23	526
9	529	24	535
10	530	25	531
11	532	26	533
12	530	27	531
13	528	28	530
14	494	29	530
15	528	30	529
		31	531

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* DUANE ARNOLD *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * DUANE ARNOLD *

FACILITY DESCRIPTION

LOCATION

STATE..... IOWA

COUNTY..... LINN

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 8 MI NW OF CEDAR RAPIDS, IA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... MARCH 23, 1974

DATE INITIAL ELECTRICITY..... MAY 19, 1974

DATE COMMERCIAL OPERATE..... FEBRUARY 01, 1975

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... CEDAR RAPIDS RIVER

ELECTRIC RELIABILITY
 COUNCIL..... MID-CONTINENT AREA RELIABILITY
 COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... IOWA ELECTRIC LIGHT & POWER CO.

CORPORATE ADDRESS..... P.O. BOX 351
 CEDAR RAPIDS, IOWA 52406

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

M/C STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... JAY HOPKINS

LICENSING PROJ MANAGER..... ROBERT M. PULSIFER

DOCKET NUMBER..... 50-331

LICENSE & DATE ISSUANCE..... DPR 049, FEBRUARY 22, 1974

1. Docket: 50-348 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWT): 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 Occur 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	141,000.0
13. Hours Reactor Critical	744.0	8,542.6	111,663.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,650.0
15. Hrs Generator On-Line	744.0	8,522.9	109,906.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,972,228.8	22,491,329.4	282,492,405.0
18. Gross Elec Ener (MWH)	641,410.0	7,248,244.0	91,014,946.0
19. Net Elec Ener (MWH)	609,286.0	6,873,904.0	85,940,154.0
20. Unit Service Factor	100.0	97.3	77.9
21. Unit Avail Factor	100.0	97.3	77.9
22. Unit Cap Factor (MDC Net)	100.9	96.6	74.8
23. Unit Cap Factor (DER Net)	98.8	94.7	73.5
24. Unit Forced Outage Rate	0.0	2.7	6.4
25. Forced Outage Hours	0.0	237.1	7,482.3

* FARLEY 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	818	16	820
2	817	17	821
3	815	18	821
4	812	19	821
5	807	20	819
6	817	21	820
7	819	22	823
8	817	23	822
9	817	24	822
10	815	25	821
11	819	26	823
12	821	27	820
13	820	28	819
14	818	29	817
15	820	30	822
		31	823

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

REFUELING/MAINTENANCE OUTAGE, MARCH 4, 1994, 56 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* FARLEY 1

Mo. Date Type Hours Reason Method LER Number System Component Cause and Corrective Action To Prevent Recurrence

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 DATA

 * FARLEY 1 *

FACILITY DESCRIPTION

LOCATION

STATE..... ALABAMA
 COUNTY..... HOUSTON

 DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 18 MI SE OF DOTHAN, AL

TYPE OF REACTOR..... PWR
 DATE INITIAL CRITICALITY..... AUGUST 09, 1977
 DATE INITIAL ELECTRICITY..... AUGUST 18, 1977
 DATE COMMERCIAL OPERATE..... DECEMBER 01, 1977

CONDENSER COOLING METHOD..... COOLING TOWERS
 CONDENSER COOLING WATER..... CHATAHOOCHEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... ALABAMA POWER CO.
 CORPORATE ADDRESS..... P.O. BOX 2641
 BIRMINGHAM, ALABAMA 35242

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..... TIMOTHY A. REED
 DOCKET NUMBER..... 50-348
 LICENSE & DATE ISSUANCE..... NPF 002, JUNE 25, 1977

1. Docket: 50-364 OPERATING STATUS

* FARLEY 2 *

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

Table with 4 columns: Description, MONTH, YEAR, CUMULATIVE. Rows 12-25 showing various performance metrics like Report Period Hrs, Hours Reactor Critical, etc.

AVERAGE DAILY POWER LEVEL (Net MWe)

Table with 4 columns: DAY, POWER, DAY, POWER. Rows 1-31 showing daily power levels.

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

27. If Current, shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * FARLEY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
005	09/24/93	S	36.5	C	4		RC	FUELXX	THE CYCLE 9-10 REFUELING CONTINUED.
006	12/02/93	F	21.7	A	3	93004	AB	JB	REACTOR TRIPPED DUE TO A LOW-LOW WATER LEVEL IN THE 2C STEAM GENERATOR FOLLOWING A TURBINE TRIP AND FEEDWATER ISOLATION. EVENT WAS CAUSED BY EQUIPMENT FAILURE OF A SPEED CONTROLLER CARD.
007	12/03/93	S	1.5	B	1				THE GENERATOR WAS TAKEN OFF LINE FOR A GENERATOR OVERSPEED TRIP TEST.
008	12/21/93	F	191.3	A	1				THE UNIT WAS SHUTDOWN FOR A MAINTENANCE OUTAGE DUE TO EXCESSIVE VIBRATION IN THE MAIN TURBINE. THE INNER DIAPHRAGM GASKET ON THE INLET FLANGE TO THE LOW PRESSURE TURBINE #2 HAD FAILED.

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

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 18 MI SE OF DOTHAN, AL

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MAY 08, 1981

DATE INITIAL ELECTRICITY..... MAY 25, 1981

DATE COMMERCIAL OPERATE..... JULY 30, 1981

CONDENSER COOLING METHOD..... COOLING TOWERS

CONDENSER COOLING WATER..... CHATAHOOCHEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... ALABAMA POWER CO.

CORPORATE ADDRESS..... P.O. BOX 2641
 BIRMINGHAM, ALABAMA 35242

CONTRACTOR

ARCHITECT/ENGINEER..... SOUTHERN SERVICES INCORPORATED

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... THIERRY ROSS

LICENSING PROJ MANAGER..... TIMOTHY A. REED

DOCKET NUMBER..... 50-364

LICENSE & DATE ISSUANCE..... NPF 008, MARCH 31, 1981

1. Docket: 50-341 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: B. J. STONE (313) 586-5148

4. Licensed Thermal Power (MWt): 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 Occur 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	52,070.0
13. Hours Reactor Critical	589.2	8,141.8	40,545.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	589.2	8,077.3	39,130.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,870,536.0	25,615,392.0	119,702,687.0
18. Gross Elec Ener (MWH)	639,240.0	8,646,210.0	39,973,921.0
19. Net Elec Ener (MWH)	612,910.0	8,284,714.0	38,233,715.0
20. Unit Service Factor	79.2	92.2	75.2
21. Unit Avail Factor	79.2	92.2	75.2
22. Unit Cap Factor (MDC Net)	75.9	87.2	68.5
23. Unit Cap Factor (DER Net)	73.8	84.7	66.9
24. Unit Forced Outage Rate	20.8	4.4	7.1
25. Forced Outage Hours	154.8	372.7	2,985.7

* FERM 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1052	16	1002
2	1048	17	1056
3	1052	18	1053
4	1049	19	1055
5	1051	20	1053
6	1049	21	1055
7	1053	22	1059
8	1050	23	1061
9	1046	24	1059
10	1040	25	619
11	1051	26	0
12	1053	27	0
13	1052	28	0
14	1046	29	0
15	837	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 06/01/94

Notes: CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * FERM 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
R93-03	12/15/93	S	0.0	B	5		TA	SHV	POWER WAS REDUCED FOR ALARA PURPOSES TO FACILITATE REPLACEMENT OF A UNITIZED ACTUATOR FOR TURBINE LOW PRESSURE STOP VALVE NUMBER 3.
S93-06	12/25/93	F	154.8	A	3	93014	TA	TRB	REACTOR TRIPPED FOLLOWING TRIP OF MAIN TURBINE. EXTENSIVE DAMAGE TO LOW PRESSURE TURBINE NUMBER 3, THE MAIN GENERATOR, AND THE MAIN GENERATOR EXCITER OCCURRED DURING THIS EVENT. CAUSES OF THIS EQUIPMENT DAMAGE ARE UNDER INVESTIGATION.

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 DATA

 * FERM I 2 *

FACILITY DESCRIPTION

LOCATION

STATE..... MICHIGAN
 COUNTY..... MONROE

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 25 MI NE OF TOLEDO, OH

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... JUNE 21, 1985

DATE INITIAL ELECTRICITY..... SEPTEMBER 21, 1986

DATE COMMERCIAL OPERATE..... JANUARY 23, 1988

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE ERIE

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... DETROIT EDISON CO.
 CORPORATE ADDRESS..... 2000 SECOND AVENUE
 DETROIT, MICHIGAN 48226

CONTRACTOR

ARCHITECT/ENGINEER..... SARGENT & LUNDY
 NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC
 CONSTRUCTOR..... DANIEL INTERNATIONAL
 TURBINE SUPPLIER..... DETROIT EDISON

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3
 IE RESIDENT INSPECTOR..... WAYNE KROPP
 LICENSING PROJ MANAGER..... TIMOTHY G. COLBURN
 DOCKET NUMBER..... 50-341
 LICENSE & DATE ISSUANCE..... NPF 043, JULY 16, 1985

1. Docket: 50-333 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: RUSSELL FLAGG (315) 349-6590

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 883

6. Design Electrical Rating (Net MWe): 816

7. Maximum Dependable Capacity (Gross MWe): 807

8. Maximum Dependable Capacity (Net MWe): 780

9. If Changes Occur 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	161,569.0
13. Hours Reactor Critical	744.0	7,157.5	111,988.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,303.9	108,035.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,799,712.0	14,805,525.0	238,781,035.0
18. Gross Elec Ener (MWH)	614,500.0	4,915,140.0	81,238,000.0
19. Net Elec Ener (MWH)	592,170.0	4,746,460.0	78,015,825.0
20. Unit Service Factor	100.0	72.0	66.9
21. Unit Avail Factor	100.0	72.0	66.9
22. Unit Cap Factor (MDC Net)	102.0	69.5	62.2
23. Unit Cap Factor (DER Net)	97.5	66.4	59.2
24. Unit Forced Outage Rate	0.0	13.3	12.9
25. Forced Outage Hours	0.0	965.3	16,036.5

* FITZPATRICK *

- AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	722	16	800
2	762	17	795
3	799	18	800
4	799	19	800
5	799	20	800
6	800	21	800
7	800	22	800
8	800	23	800
9	799	24	800
10	799	25	800
11	800	26	800
12	798	27	800
13	800	28	800
14	799	29	800
15	799	30	800
		31	801

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

MAINTENANCE OUTAGE, APRIL 2, 1994, 20 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* FITZPATRICK *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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 DATA

 * FITZPATRICK *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... POWER AUTHORITY OF THE STATE OF NEW YORK

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 COOK

LICENSING PROJ MANAGER..... JOHN E. MENNING

DOCKET NUMBER..... 50-333

LICENSE & DATE ISSUANCE..... DPR 059, OCTOBER 17, 1974

1. Docket: 50-285 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: H. A. HOWMAN (402) 533-6939

4. Licensed Thermal Power (Mwt): 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 Occur 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	177,674.0
13. Hours Reactor Critical	720.7	7,081.4	137,691.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,309.5
15. Hrs Generator On-Line	716.9	7,000.0	136,063.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,034,325.7	9,720,323.6	179,285,799.6
18. Gross Elec Ener (MWH)	351,442.0	3,247,224.0	59,088,024.2
19. Net Elec Ener (MWH)	335,608.5	3,102,176.0	56,373,062.9
20. Unit Service Factor	96.4	79.9	76.6
21. Unit Avail Factor	96.4	79.9	76.6
22. Unit Cap Factor (MDC Net)	94.4	74.1	68.8
23. Unit Cap Factor (DER Net)	94.4	74.1	67.1
24. Unit Forced Outage Rate	3.6	1.4	4.2
25. Forced Outage Hours	27.1	97.7	5,931.1

 * FORT CALHOUN *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	452	16	488
2	479	17	489
3	488	18	488
4	489	19	488
5	489	20	488
6	37	21	488
7	84	22	489
8	345	23	488
9	460	24	488
10	461	25	488
11	462	26	489
12	461	27	488
13	485	28	488
14	488	29	488
15	488	30	488
		31	489

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * FORT CALHOUN *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-06	12/06/93	F	27.1	H	3	93018	HA	TURBIN	THE MAIN TURBINE AND THE REACTOR TRIPPED DURING ELECTRO-HYDRAULIC CONTROL (EHC) PUMP SHIFTING. THE ROOT CAUSE WAS INADEQUATE DESIGN OF A RECENT EHC TURBINE CONFIGURATION CHANGE.

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 DATA

 * FORT CALHOUN *

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
 LICENSING PROJ MANAGER..... STEVEN D. BLOOM
 DOCKET NUMBER..... 50-285
 LICENSE & DATE ISSUANCE..... DPR 040, AUGUST 09, 1973

1. Docket: 50-244 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: ROBERT E. DODGE (315) 524-4446 EXT. 396

4. Licensed Thermal Power (Mwt): 1520

5. Nameplate Rating (Gross MWe): 490

6. Design Electrical Rating (Net MWe): 470

7. Maximum Dependable Capacity (Gross MWe): 490

8. Maximum Dependable Capacity (Net MWe): 470

9. If Changes Occur 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	211,248.0
13. Hours Reactor Critical	744.0	7,561.8	168,526.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,687.6
15. Hrs Generator On-Line	744.0	7,509.2	165,752.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	8.5
17. Gross Therm Ener (MWH)	1,099,588.0	10,912,260.0	234,956,013.0
18. Gross Elec Ener (MWH)	374,243.0	3,685,555.0	77,683,359.0
19. Net Elec Ener (MWH)	355,792.0	3,499,442.0	73,735,373.0
20. Unit Service Factor	100.0	85.7	78.5
21. Unit Avail Factor	100.0	85.7	78.5
22. Unit Cap Factor (MDC Net)	101.7	85.0	75.4
23. Unit Cap Factor (DER Net)	101.7	85.0	75.4
24. Unit Forced Outage Rate	0.0	2.1	5.6
25. Forced Outage Hours	0.0	162.0	9,919.2

* GINNA *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	480	16	480
2	480	17	480
3	480	18	480
4	480	19	480
5	480	20	421
6	480	21	479
7	480	22	479
8	480	23	479
9	480	24	479
10	480	25	480
11	480	26	479
12	480	27	479
13	480	28	479
14	480	29	479
15	480	30	479
		31	479

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

REFUELING/MAINTENANCE OUTAGE, MARCH 4, 1994, 38 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * GINNA *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-08	12/20/93	F	0.0	A	5		HH	HTEXCH	WALL THINNING ON UPPER BEARING OIL COOLER. INSTALLED NEW COPPER TYPING.

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... NEW YORK

COUNTY..... WAYNE

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 20 MI NE OF ROCHESTER, NY

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... NOVEMBER 08, 1969

DATE INITIAL ELECTRICITY..... DECEMBER 02, 1969

DATE COMMERCIAL OPERATE..... JULY 01, 1970

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE ONTARIO

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

UTILITY

LICENSEE..... ROCHESTER GAS & ELECTRIC CO.

CORPORATE ADDRESS..... 89 EAST AVENUE
 ROCHESTER, NEW YORK 14649

CONTRACTOR

ARCHITECT/ENGINEER..... GILBERT ASSOCIATES

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... TOM MOSLAK

LICENSING PROJ MANAGER..... ALLEN R. JOHNSON

DOCKET NUMBER..... 50-244

LICENSE & DATE ISSUANCE..... DPR 018, SEPTEMBER 19, 1969

Report Period: DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * GRAND GULF 1 *

No.	Date	Type	Hours	Reason	Method	IEER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-011	12/01/93	F	63.2	A	4				REACTOR SHUTDOWN TO FIX THE CONDENSER AIR INLEAKAGE PROBLEM.
93-011A	12/03/93	S	15.6	A	9				CONTINUED WITH STARTUP PREPARATION.
93-012	12/04/93	S	2.3	B	1				UNIT TAKEN OFF LINE TO PERFORM TURBINE OVERSPEED TEST.

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

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

CONDENSER COOLING WATER..... MISSISSIPPI RIVER

ELECTRIC RELIABILITY
 COUNCIL..... SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... SYSTEM ENERGY RESOURCES, INC.

CORPORATE ADDRESS..... P.O. BOX 31995
 JACKSON, MISSISSIPPI 39286

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... ALLIS-CHALMERS POWER SYSTEMS INC.

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... RUDOLPH BERNHARD

LICENSING PRGJ MANAGER..... PAUL W. OCONNOR

DOCKET NUMBER..... 50-416

LICENSE & DATE ISSUANCE..... NPF 029, AUGUST 31, 1984

1. Docket: 50-213 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: R. E. BORG (203) 267-3649

4. Licensed Thermal Power (Mwt): 1825

5. Nameplate Rating (Gross MWe): 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 Occur 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	227,928.0
13. Hours Reactor Critical	744.0	7,145.9	181,952.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,285.0
15. Hrs Generator On-Line	744.0	6,915.6	175,202.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	398.0
17. Gross Therm Ener (MWH)	1,130,427.0	11,907,496.0	302,820,268.0
18. Gross Elec Ener (MWH)	377,729.0	3,940,337.0	99,262,919.0
19. Net Elec Ener (MWH)	358,405.9	3,740,072.4	94,301,273.4
20. Unit Service Factor	100.0	78.9	76.9
21. Unit Avail Factor	100.0	78.9	77.0
22. Unit Cap Factor (MDC Net)	86.0	76.2	75.1
23. Unit Cap Factor (DER Net)	82.8	73.4	71.1
24. Unit Forced Outage Rate	0.0	2.2	5.5
25. Forced Outage Hours	0.0	156.8	10,235.3

 * HADDAM NECK *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	289	16	586
2	290	17	585
3	287	18	585
4	286	19	585
5	288	20	585
6	287	21	585
7	288	22	585
8	287	23	585
9	108	24	585
10	342	25	585
11	492	26	585
12	584	27	584
13	586	28	585
14	586	29	585
15	572	30	585
		31	585

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE VALUES FOR ITEMS 17-19 ARE FROM FIRST CRITICALITY (JULY 24, 1967). REMAINING CUMULATIVE VALUES ARE FROM COMMERCIAL OPERATION (JANUARY 1, 1968). CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * HADDAM NECK *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-09	12/01/93	F	0.0	A	S		SK	P	REDUCED POWER DUE TO HIGH VIBRATION ON THE "B" MAIN FEED PUMP.
94-01	12/09/93	F	0.0	A	S				REDUCED LOAD TO RESOLVE FEEDWATER NOV DESIGN CONCERN.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... CONNECTICUT YANKEE ATOMIC POWER CO.

CORPORATE ADDRESS..... P.O. BOX 270
 HARTFORD, CONNECTICUT 06141

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWT): 2775

5. Nameplate Rating (Gross MWe): 951

6. Design Electrical Rating (Net MWe): 900

7. Maximum Dependable Capacity (Gross MWe): 920

8. Maximum Dependable Capacity (Net MWe): 860

9. If Changes Occur 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	58,465.0
13. Hours Reactor Critical	744.0	8,733.4	48,302.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,721.4	47,777.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,995,988.7	23,907,548.5	127,258,646.8
18. Gross Elec Ener (MWH)	673,962.0	8,019,380.0	42,434,221.0
19. Net Elec Ener (MWH)	631,676.0	7,527,725.0	39,533,401.0
20. Unit Service Factor	100.0	99.6	81.7
21. Unit Avail Factor	100.0	99.6	81.7
22. Unit Cap Factor (MDC Net)	98.7	99.9	78.6
23. Unit Cap Factor (DER Net)	94.3	95.5	75.1
24. Unit Forced Outage Rate	0.0	0.0	3.4
25. Forced Outage Hours	0.0	0.0	1,660.0

* HARRIS *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	882	16	879
2	881	17	881
3	878	18	863
4	872	19	284
5	871	20	624
6	880	21	859
7	881	22	883
8	880	23	883
9	880	24	885
10	878	25	883
11	880	26	883
12	884	27	875
13	883	28	877
14	883	29	882
15	883	30	882
		31	805

26. Shutdowns Sched Over Next Six Months (Type,Date,Duration):
REFUELING OUTAGE, MARCH 19, 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * HARRIS *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-007	12/18/93	S	0.0	B	5		CB	PUMP	POWER REDUCED TO ADD OIL TO THE REACTOR COOLANT PUMP LOWER OIL RESERVOIR.

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

UTILITY & CONTRACTOR INFORMATION

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..... NDCJ

CONDENSER COOLING WATER..... MAKEUP RESERVOIR

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

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..... JEFFERSON E. TEDROW
 LICENSING PROJ MANAGER..... NGOC B. LE
 DOCKET NUMBER..... 50-400
 LICENSE & DATE ISSUANCE..... WPF 063, JANUARY 12, 1987

1. Docket: 50-321 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: T. W. TIDWELL (912) 367-7781 EXT. 2878

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 850

6. Design Electrical Rating (Net MWe): 776

7. Maximum Dependable Capacity (Gross MWe): 770

8. Maximum Dependable Capacity (Net MWe): 737

9. If Changes Occur 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	157,799.0
13. Hours Reactor Critical	634.7	7,099.4	118,003.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	602.4	6,916.1	112,956.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,362,442.0	16,362,185.0	253,108,534.0
18. Gross Elec Ener (MWH)	430,630.0	5,197,930.0	81,344,330.0
19. Net Elec Ener (MWH)	409,854.0	4,952,417.0	77,390,494.0
20. Unit Service Factor	81.0	79.0	71.6
21. Unit Avail Factor	81.0	79.0	71.6
22. Unit Cap Factor (MDC Net)	74.7	76.7	65.5
23. Unit Cap Factor (DER Net)	71.0	72.9	62.9
24. Unit Forced Outage Rate	19.0	5.1	11.9
25. Forced Outage Hours	141.5	374.6	15,260.6

 * HATCH 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	755	16	738
2	757	17	734
3	755	18	716
4	749	19	742
5	756	20	742
6	755	21	750
7	146	22	756
8	0	23	757
9	0	24	482
10	98	25	356
11	659	26	0
12	587	27	0
13	736	28	68
14	746	29	575
15	745	30	759
		31	705

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * HATCH 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-012	12/07/93	F	79.1	A	3	93016	CH	CKTBRK	AN AUTOMATIC REACTOR SCRAM OCCURRED DUE TO A LOW REACTOR WATER LEVEL SIGNAL. THE LOW WATER LEVEL WAS CAUSED BY A TRIP OF THE "A" RFP AND FAILURE OF THE REACTOR RECIRCULATION PUMPS TO RUN BACK TO THE NO. 2 SPEED LIMITER.
93-013	12/24/93	F	0.0	A	5		HH	VALVEX	THE "A" CONDENSATE BOOSTER PUMP AND THE "A" RFP TRIPPED. THE REACTOR RECIRCULATION PUMPS RAN BACK AS EXPECTED, THE "B" CONDENSATE BOOSTER PUMP STARTED AUTOMATICALLY AS DESIGNED. INVESTIGATION REVEALED A BLOCKAGE IN DEMINERALIZER BLOCK VALVE 1N21-F253.
93-014	12/26/93	F	62.4	A	2		HH	VALVEX	SHIFT REMOVED THE MAIN GENERATOR FROM SERVICE, AND A MANUAL SCRAM WAS INITIATED TO REPAIR 1N21-F253. THE VALVE WAS REPAIRED AND THE UNIT RETURNED TO SERVICE.

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... GEORGIA

COUNTY..... APPLING

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 11 MI W 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

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..... LEONARD WERT JR.

LICENSING PROJ MANAGER..... KAHTAN N. JABBOUR

DOCKET NUMBER..... 50-321

LICENSE & DATE ISSUANCE..... DPR 057, OCTOBER 13, 1974

1. Docket: 50-366 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: T. W. TIDWELL (912) 367-7781 EXT. 2878

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 850

6. Design Electrical Rating (Net MWe): 784

7. Maximum Dependable Capacity (Gross MWe): 781

8. Maximum Dependable Capacity (Net MWe): 757

9. If Changes Occur 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	125,425.0
13. Hours Reactor Critical	744.0	7,873.9	95,740.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,736.3	92,226.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,534,807.0	16,011,701.0	203,472,353.0
18. Gross Elec Ener (MWH)	510,100.0	5,251,370.0	66,614,740.0
19. Net Elec Ener (MWH)	487,387.0	4,999,707.0	63,434,691.0
20. Unit Service Factor	100.0	88.3	73.5
21. Unit Avail Factor	100.0	88.3	73.5
22. Unit Cap Factor (MDC Net)	86.5	75.4	66.2
23. Unit Cap Factor (DER Net)	83.6	72.8	64.5
24. Unit Forced Outage Rate	0.0	11.7	7.5
25. Forced Outage Hours	0.0	1023.7	7,425.9

* HATCH 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	656	16	653
2	657	17	655
3	654	18	648
4	646	19	657
5	656	20	656
6	657	21	654
7	657	22	659
8	657	23	658
9	657	24	659
10	655	25	645
11	657	26	657
12	649	27	657
13	658	28	657
14	654	29	653
15	654	30	659
		31	657

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

REFUELING OUTAGE, MARCH 16, 1994, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* HATCH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... GEORGIA

COUNTY..... APPLING

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 11 MI N 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

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... GEORGIA POWER CO.

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... LEONARD WERT JR.

LICENSING PROJ MANAGER..... KAHTAN N. JABBOUR

DOCKET NUMBER..... 50-366

LICENSE & DATE ISSUANCE..... NPF 005, JUNE 13, 1978

1. Docket: 50-354 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: V. ZABIELSKI (609) 339-3506

4. Licensed Thermal Power (MMt): 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 Occur 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	61,656.0
13. Hours Reactor Critical	632.4	8,567.4	52,823.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	611.7	8,527.6	52,034.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,975,823.0	27,750,152.0	165,963,368.0
18. Gross Elec Ener (MWH)	665,100.0	9,215,900.0	54,963,513.0
19. Net Elec Ener (MWH)	635,975.0	8,825,300.0	52,527,244.0
20. Unit Service Factor	82.2	97.3	84.4
21. Unit Avail Factor	82.2	97.3	84.4
22. Unit Cap Factor (MDC Net)	82.9	97.7	82.6
23. Unit Cap Factor (DER Net)	80.1	94.4	79.8
24. Unit Forced Outage Rate	17.8	2.7	4.6
25. Forced Outage Hours	132.3	232.4	2,518.9

* HOPE CREEK *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	15	16	1043
2	0	17	909
3	0	18	1073
4	0	19	1050
5	0	20	1064
6	146	21	1064
7	1021	22	1079
8	1060	23	1068
9	1060	24	1064
10	1073	25	1065
11	1056	26	1065
12	1053	27	1072
13	1068	28	1071
14	1064	29	1072
15	1056	30	1068
		31	1068

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

REFUELING OUTAGE, MARCH 5, 1994, 49 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * HOPE CREEK *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1	12/01/93	F	132.3	A	2				UNIT SHUTDOWN DUE TO EXCESSIVE ARCING OF THE MA'M GENERATOR EXCITER BRUSHES.
2	12/17/93	F	0.0	A	5				POWER REDUCED TO ENABLE REPLACEMENT OF FAILED CONDENSER TUBESHEET PLUG.

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 DATA

 * HOPE CREEK *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

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..... CHARLES MARSCHALL
 LICENSING PROJ MANAGER..... JAMES C. STONE
 DOCKET NUMBER..... 50-354
 LICENSE & DATE ISSUANCE..... NPF 057, JULY 25, 1986

No	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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

UTILITY & CONTRACTOR INFORMATION

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..... NORTHEASTERN POWER
 COORDINATION COUNCIL

UTILITY

LICENSEE..... CONSOLIDATED EDISON CO. OF N.Y.

CORPORATE ADDRESS..... 4 IRVING PLACE
 NEW YORK, NEW YORK 10003

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. HUNEGB

LICENSING PROJ MANAGER..... FRANCIS J. WILLIAMS

DOCKET NUMBER..... 50-247

LICENSE & DATE ISSUANCE..... DPR 026, SEPTEMBER 28, 1973

1. Docket: 50-286 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: T. ORLANDO (914) 736-8340

4. Licensed Thermal Power (MWt): 3025

5. Nameplate Rating (Gross MWe): 1013

6. Design Electrical Rating (Net MWe): 965

7. Maximum Dependable Capacity (Gross MWe): 1000

8. Maximum Dependable Capacity (Net MWe): 965

9. If Changes Occur 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	151,993.0
13. Hours Reactor Critical	0.0	1,303.6	91,890.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	1,292.8	89,462.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	3,682,359.0	254,069,702.0
18. Gross Elec Ener (MWH)	0.0	1,234,160.0	79,388,605.0
19. Net Elec Ener (MWH)	0.0	1,192,553.0	76,357,136.0
20. Unit Service Factor	0.0	14.8	58.9
21. Unit Avail Factor	0.0	14.8	58.9
22. Unit Cap Factor (MDC Net)	0.0	14.1	53.3
23. Unit Cap Factor (DER Net)	0.0	14.1	52.1
24. Unit Forced Outage Rate	100.0	83.8	20.2
25. Forced Outage Hours	744.0	6663.8	22,585.8

 * INDIAN POINT 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * INDIAN POINT 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
4	02/27/93	F	744.0	B	4	93005	SH	INSTRU	THE UNIT WAS REMOVED FROM SERVICE IN ORDER TO PERFORM TESTING ON THE PLANTS AMSAC SYSTEM.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... POWER AUTHORITY OF THE STATE OF NEW YORK

CORPORATE ADDRESS..... 10 COLUMBUS CIRCLE
 NEW YORK, NEW YORK 10019

CONTRACTOR

ARCHITECT/ENGINEER..... UNITED ENG. & CONSTRUCTORS

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... WESTINGHOUSE DEVELOPMENT CORP

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... GLENN M. TRACY

LICENSING PROJ MANAGER..... NICOLA F. CONICELLA

DOCKET NUMBER..... 50-286

LICENSE & DATE ISSUANCE..... DPR 064, APRIL 05, 1976

1. Docket: 50-305 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: M. L. ANDERSON (414) 388-2560 EXT. 2453

4. Licensed Thermal Power (MWT): 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 Occur 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	171,338.0
13. Hours Reactor Critical	744.0	7,607.6	146,994.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,330.5
15. Hrs Generator On-Line	744.0	7,550.3	145,107.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	10.0
17. Gross Therm Ener (MWH)	1,223,457.0	12,017,408.0	229,940,146.0
18. Gross Elec Ener (MWH)	411,100.0	4,015,100.0	76,161,100.0
19. Net Elec Ener (MWH)	391,972.0	3,816,914.0	72,491,954.0
20. Unit Service Factor	100.0	86.2	84.7
21. Unit Avail Factor	100.0	86.2	84.7
22. Unit Cap Factor (MDC Net)	103.1	85.3	82.5
23. Unit Cap Factor (DER Net)	98.5	81.4	79.1
24. Unit Forced Outage Rate	0.0	0.5	2.2
25. Forced Outage Hours	0.0	41.3	3,273.6

* KEWAUNEE *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	529	16	528
2	529	17	524
3	529	18	528
4	529	19	529
5	524	20	529
6	529	21	524
7	528	22	529
8	529	23	528
9	528	24	529
10	528	25	528
11	528	26	499
12	524	27	528
13	529	28	528
14	529	29	524
15	529	30	528
		31	528

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

REFUELING OUTAGE, MARCH 25, 1994, SIX WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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-Continuad
 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

 * KEWAUNEE *

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..... ONCE THRU

CONDENSER COOLING WATER..... LAKE MICHIGAN

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENCEE..... 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..... ALLEN G. HANSEN

DOCKET NUMBER..... 50-305

LICENSE & DATE ISSUANCE..... DPR 043, DECEMBER 21, 1973

1. Docket: 50-373 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
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 Occur 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	87,672.0
13. Hours Reactor Critical	744.0	7,402.3	61,327.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,641.2
15. Hrs Generator On-Line	744.0	7,106.1	60,013.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1.0
17. Gross Therm Ener (MWH)	2,304,304.0	22,265,479.0	177,325,637.4
18. Gross Elec Ener (MWH)	783,454.0	7,462,022.0	59,254,371.0
19. Net Elec Ener (MWH)	757,114.0	7,290,664.0	56,848,754.0
20. Unit Service Factor	100.0	81.1	68.5
21. Unit Avail Factor	100.0	81.1	68.5
22. Unit Cap Factor (MDC Net)	98.2	79.3	62.6
23. Unit Cap Factor (DER Net)	94.4	76.3	60.2
24. Unit Forced Outage Rate	0.0	11.7	7.5
25. Forced Outage Hours	0.0	943.4	4,854.0

 * LASALLE 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1098	16	525
2	1086	17	974
3	1098	18	972
4	1096	19	1067
5	1093	20	1093
6	1091	21	1094
7	1090	22	1092
8	1098	23	1093
9	1099	24	1090
10	1098	25	1088
11	1097	26	1085
12	1054	27	1091
13	699	28	1089
14	631	29	1088
15	511	30	1086
		31	1080

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

REFUELING OUTAGE, MARCH 18, 1994, 11 WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * LASALLE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
11	12/12/93	F	0.0	A	5				POWER LEVEL REDUCED DUE TO 11C FEEDWATER HEATER VALVE FAILURE.

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 1993

FACILITY DATA

* LASALLE 1 *

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..... JUNE 21, 1982

DATE INITIAL ELECTRICITY..... SEPTEMBER 04, 1982

DATE COMMERCIAL OPERATE..... JANUARY 01, 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

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... COMMONWEALTH EDISON

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... DAVID HILLS

LICENSING PROJ MANAGER..... JANET L. KENNEDY

DOCKET NUMBER..... 50-373

LICENSE & DATE ISSUANCE..... NPF 011, AUGUST 13, 1982

1. Docket: 50-374 OPERATING STATUS
 2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
 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 Occur 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	80,664.0
13. Hours Reactor Critical	192.3	5,912.2	56,925.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,716.9
15. Hrs Generator On-Line	128.6	5,826.1	55,882.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	175,035.0	18,085,566.0	168,100,453.2
18. Gross Elec Ener (MWH)	52,702.0	6,083,331.0	55,984,640.0
19. Net Elec Ener (MWH)	42,576.0	5,842,958.0	53,755,891.0
20. Unit Service Factor	17.3	66.5	69.3
21. Unit Avail Factor	17.3	66.5	69.3
22. Unit Cap Factor (MDC Net)	5.5	64.4	64.3
23. Unit Cap Factor (DER Net)	5.3	61.9	61.8
24. Unit Forced Outage Rate	0.0	0.0	11.4
25. Forced Outage Hours	0.0	0.0	7,201.7

 * LASALLE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-11	16	-12
2	-12	17	-12
3	-12	18	-12
4	-12	19	-12
5	-12	20	-12
6	-12	21	-12
7	-12	22	-12
8	-12	23	-12
9	-12	24	-12
10	-12	25	-12
11	-12	26	43
12	-12	27	216
13	-12	28	305
14	-12	29	308
15	-12	30	404
		31	797

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * LASALLE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
2	09/04/93	S	614.4	C	4		RC	FUELXX	REFUELING OUTAGE.
3	12/26/93	S	1.0	B	1				TURBINE TRIP FOR OVERSPEED TESTING.

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..... 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..... DAVID HILLS

LICENSING PROJ MANAGER..... JAMET L. KENNEDY

DOCKET NUMBER..... 50-374

LICENSE & DATE ISSUANCE..... NPF 018, MARCH 23, 1984

1. Docket: 50-352 OPERATING STATUS
 2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
 3. Utility Contact: JOHN J. MCMEHAMIN (215) 327-1200 EXT. 3794
 4. Licensed Thermal Power (Mwt): 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 Occur 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	69,384.0
13. Hours Reactor Critical	744.0	8,649.9	56,199.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,626.6	55,184.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,068,046.0	27,717,294.0	169,450,761.0
18. Gross Elec Ener (MWH)	656,880.0	9,065,900.0	55,042,040.0
19. Net Elec Ener (MWH)	631,513.0	8,745,473.0	52,785,990.0
20. Unit Service Factor	100.0	98.5	79.5
21. Unit Avail Factor	100.0	98.5	79.5
22. Unit Cap Factor (MDC Net)	80.5	94.6	72.1
23. Unit Cap Factor (DER Net)	80.5	94.6	72.1
24. Unit Forced Outage Rate	0.0	1.5	4.7
25. Forced Outage Hours	0.0	133.4	2,745.9

 * LIMERICK 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	655	16	864
2	709	17	862
3	907	18	854
4	916	19	852
5	906	20	847
6	915	21	842
7	909	22	838
8	902	23	835
9	899	24	829
10	890	25	825
11	890	26	820
12	887	27	817
13	881	28	813
14	873	29	802
15	868	30	809
		31	797

26. Shutdowns Sched Over Next Six Months (Type,Date,Duration):
 REFUELING OUTAGE, JANUARY 29, 1994, 45 DAYS.
 27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * LIMERICK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
30	12/01/93	S	0.0	B	9		RB	CONROD	REACTOR POWER HOLD TO CONTINUE CONTROL ROD HYDRAULIC CONTROL UNIT MAINTENANCE.
31	12/01/93	S	0.0	B	5		HA	VALVEX	REACTOR POWER WAS REDUCED TO ALLOW FOR THE REPLACEMENT OF CABLING FOR THE MAIN TURBINE #3 CONTROL VALVE.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... PHILADELPHIA ELECTRIC CO.

CORPORATE ADDRESS..... 2301 MARKET STREET
 PHILADELPHIA, PENNSYLVANIA 19103

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... WEIL PERRY

LICENSING PROJ MANAGER..... FRANK RINALDI

DOCKET NUMBER..... 50-352

LICENSE & DATE ISSUANCE..... NPF 039, AUGUST 08, 1985

1. Docket: 50-353 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-Line Hrs: 744.0

3. Utility Contact: JOHN J. MCENAMIN (215) 327-1200 EXT. 3794

4. Licensed Thermal Power (MWT): 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 Occur 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	34,896.0
13. Hours Reactor Critical	744.0	7,401.8	30,642.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,290.2	29,946.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,448,197.0	23,338,931.0	95,305,081.0
18. Gross Elec Ener (MWH)	823,080.0	7,739,420.0	31,492,526.0
19. Net Elec Ener (MWH)	797,041.0	7,467,644.0	30,330,691.0
20. Unit Service Factor	100.0	83.2	85.8
21. Unit Avail Factor	100.0	83.2	85.8
22. Unit Cap Factor (MDC Net)	101.5	80.8	82.4
23. Unit Cap Factor (DER Net)	101.5	80.8	82.4
24. Unit Forced Outage Rate	0.0	2.4	4.1
25. Forced Outage Hours	0.0	181.7	1,282.9

* LIMERICK 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1077	16	1070
2	1070	17	1072
3	1076	18	1070
4	1065	19	1072
5	1066	20	1069
6	1071	21	1070
7	1072	22	1071
8	1073	23	1073
9	1072	24	1072
10	1068	25	1074
11	1070	26	1072
12	1064	27	1072
13	1071	28	1076
14	1070	29	1073
15	1069	30	1076
		31	1074

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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..... 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..... PHILADELPHIA ELECTRIC CO.

CORPORATE ADDRESS..... 2301 MARKET STREET
 PHILADELPHIA, PENNSYLVANIA 19103

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 RIVALDI

DOCKET NUMBER..... 50-353

LICENSE & DATE ISSUANCE..... NPF 085, AUGUST 25, 1989

1. Docket: 50-309 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: S. J. BAILEY (207) 622-4868

4. Licensed Thermal Power (MWT): 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 Occur 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	180,050.0
13. Hours Reactor Critical	744.0	6,991.8	148,757.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,835.0	144,465.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,000,036.0	17,743,221.0	340,896,144.0
18. Gross Elec Ener (MWH)	671,824.0	5,927,110.0	112,224,570.0
19. Net Elec Ener (MWH)	651,327.0	5,739,866.0	107,651,838.0
20. Unit Service Factor	100.0	78.0	78.0
21. Unit Avail Factor	100.0	78.0	78.0
22. Unit Cap Factor (MDC Net)	101.8	76.2	72.1
23. Unit Cap Factor (DER Net)	100.6	75.3	70.6
24. Unit Forced Outage Rate	0.0	1.9	7.2
25. Forced Outage Hours	0.0	133.9	11,565.0

 * MAINE YANKEE *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	879	16	880
2	881	17	884
3	881	18	881
4	879	19	872
5	766	20	899
6	872	21	863
7	878	22	876
8	880	23	879
9	886	24	879
10	875	25	878
11	881	26	880
12	879	27	874
13	882	28	878
14	877	29	878
15	883	30	881
		31	875

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

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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * MAINE YANKEE *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
LR TO 80	12/05/93	F	0.0	B	S		HF	HTECH	POWER REDUCTION FOR MUSSEL CONTROL OF ALL CONDENSER WATER BOXES.

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 DATA

 * MAINE YANKEE *

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 04336

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

LICENSING PROJ MANAGER..... E. K. TROTTIER

DOCKET NUMBER..... 50-309

LICENSE & DATE ISSUANCE..... DPR 036, JUNE 29, 1973

1. Docket: 50-369 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 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 Occur 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	105,936.0
13. Hours Reactor Critical	744.0	5,164.3	74,020.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,097.0	73,219.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,532,733.0	16,950,795.0	226,724,836.0
18. Gross Elec Ener (MWH)	877,953.0	5,786,825.0	77,962,155.0
19. Net Elec Ener (MWH)	845,173.0	5,517,815.0	74,434,150.0
20. Unit Service Factor	100.0	58.2	69.1
21. Unit Avail Factor	100.0	58.2	69.1
22. Unit Cap Factor (MDC Net)	100.6	55.8	61.1
23. Unit Cap Factor (DER Net)	96.3	53.4	59.5
24. Unit Forced Outage Rate	0.0	23.5	14.3
25. Forced Outage Hours	0.0	1562.0	12,238.6

* MCGUIRE 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1133	16	1138
2	1133	17	1137
3	1134	18	1138
4	1133	19	1133
5	1135	20	1138
6	1135	21	1137
7	1135	22	1138
8	1137	23	1139
9	1136	24	1139
10	1137	25	1140
11	1137	26	1140
12	1137	27	1139
13	1137	28	1133
14	1137	29	1131
15	1136	30	1132
		31	1133

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * MCGUIRE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 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 Occur 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	86,232.0
13. Hours Reactor Critical	646.1	6,425.7	65,842.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	646.1	6,379.1	64,876.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,077,334.0	20,464,431.0	211,871,987.0
18. Gross Elec Ener (MWH)	725,772.0	7,129,234.0	74,048,935.0
19. Net Elec Ener (MWH)	695,684.0	6,805,155.0	70,966,120.0
20. Unit Service Factor	78.8	72.8	75.2
21. Unit Avail Factor	86.8	72.8	75.2
22. Unit Cap Factor (MDC Net)	82.8	68.8	72.0
23. Unit Cap Factor (DER Net)	79.2	65.8	69.7
24. Unit Forced Outage Rate	13.2	3.0	7.2
25. Forced Outage Hours	97.9	194.0	5,015.5

* MCGUIRE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1145	16	1152
2	1145	17	1150
3	777	18	1151
4	80	19	1151
5	689	20	1150
6	1148	21	1150
7	1147	22	1150
8	1148	23	1150
9	1149	24	1150
10	1149	25	1151
11	1149	26	1152
12	1148	27	1062
13	1148	28	0
14	1148	29	0
15	1149	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 01/07/94

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * MCGUIRE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
24-P	12/03/93	F	0.0	A	5		CG	ACCUMU	REACTOR COOLANT DRAIN TANK LEAK REPAIR.
25-P	12/05/93	F	0.0	B	9		SF	INSTRU	POWER HOLD FOR SAFETY INJECTION CALIBRATION.
8	12/27/93	F	5.4	A	3		EA	ELECON	TURBINE/REACTOR TRIP DUE TO LOSS OF OFFSITE POWER.
9	12/28/93	F	44.5	A	9		HB	VALVEX	MAIN STEAM ISOLATION VALVE.
10	12/30/93	F	48.0	A	9		SF	HTECH	ICE CONDENSER INSPECTION.

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

UTILITY & CONTRACTOR INFORMATION

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..... MAY 08, 1983

DATE INITIAL ELECTRICITY..... MAY 23, 1983

DATE COMMERCIAL OPERATE..... MARCH 01, 1984

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE NORMAN

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

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..... 50-370

LICENSE & DATE ISSUANCE..... WPF 017, MAY 27, 1983

1. Docket: 50-245 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: G. NEWBURGH (203) 447-1791 EXT. 5730

4. Licensed Thermal Power (MWt): 2011

5. Nameplate Rating (Gross MWe): 662

6. Design Electrical Rating (Net MWe): 660

7. Maximum Dependable Capacity (Gross MWe): 670

8. Maximum Dependable Capacity (Net MWe): 641

9. If Changes Occur 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	202,416.0
13. Hours Reactor Critical	744.0	8,481.2	157,950.6
14. Rx Reserve Dhtdwn Hrs	0.0	0.0	3,283.3
15. Hrs Generator On-Line	744.0	8,439.2	154,215.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	93.7
17. Gross Therm Ener (MWH)	1,431,929.0	16,678,969.0	290,545,842.0
18. Gross Elec Ener (MWH)	472,394.0	5,515,562.0	97,926,558.0
19. Net Elec Ener (MWH)	451,287.0	5,273,223.0	93,426,134.0
20. Unit Service Factor	100.0	96.3	76.2
21. Unit Avail Factor	100.0	96.3	76.2
22. Unit Cap Factor (MDC Net)	94.6	93.9	70.6
23. Unit Cap Factor (DER Net)	91.9	91.2	69.9
24. Unit Forced Outage Rate	0.0	3.7	12.1
25. Forced Outage Hours	0.0	323.6	21,219.9

 * MILLSTONE 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	586	16	609
2	633	17	604
3	633	18	602
4	630	19	600
5	627	20	597
6	623	21	592
7	623	22	532
8	603	23	619
9	621	24	611
10	617	25	609
11	617	26	606
12	615	27	603
13	613	28	601
14	610	29	601
15	570	30	602
		31	598

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

REFUELING OUTAGE, JANUARY 1994, 71 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... CONNECTICUT

COUNTY..... NEW LONDON

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 3.2 MI ENE OF NEW LONDON, CT

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... OCTOBER 26, 1970

DATE INITIAL ELECTRICITY..... NOVEMBER 29, 1970

DATE COMMERCIAL OPERATE..... MARCH 01, 1971

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LONG ISLAND SOUND

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

UTILITY

LICENSEE..... NORTHEAST NUCLEAR ENERGY CO.

CORPORATE ADDRESS..... P.O. BOX 270
 HARTFORD, CONNECTICUT 06141 0270

CONTRACTOR

ARCHITECT/ENGINEER..... EBASCO

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... EBASCO

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... PAUL SWETLAND

LICENSING PROJ MANAGER..... JAMES W. ANDERSEN

DOCKET NUMBER..... 50-245

LICENSE & DATE ISSUANCE..... DPR 021, OCTOBER 26, 1970

1. Docket: 50-336 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: S. DOBOE (203) 447-1791 EXT. 4678

4. Licensed Thermal Power (MMt): 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 Occur 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	157,944.0
13. Hours Reactor Critical	744.0	7,689.9	112,947.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,205.5
15. Hrs Generator On-Line	744.0	7,457.3	107,814.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	468.2
17. Gross Therm Ener (MWH)	1,991,761.0	19,618,449.0	277,600,153.4
18. Gross Elec Ener (MWH)	667,656.0	6,547,681.5	90,951,989.0
19. Net Elec Ener (MWH)	644,645.0	6,295,911.5	87,246,798.8
20. Unit Service Factor	100.0	85.1	68.3
21. Unit Avail Factor	100.0	85.1	68.6
22. Unit Cap Factor (MDC Net)	99.3	82.3	64.7
23. Unit Cap Factor (DER Net)	99.6	82.6	63.6
24. Unit Forced Outage Rate	0.0	11.7	15.2
25. Forced Outage Hours	0.0	992.7	19,341.0

* MILLSTONE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	848	16	874
2	849	17	874
3	852	18	875
4	874	19	876
5	876	20	876
6	868	21	877
7	852	22	876
8	854	23	875
9	853	24	873
10	853	25	876
11	852	26	876
12	853	27	875
13	874	28	875
14	875	29	876
15	822	30	876
		31	876

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * MILLSTONE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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..... CONNECTICUT
 COUNTY..... NEW LONDON

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 3.2 MI ENE OF NEW LONDON, CT

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... OCTOBER 17, 1975

DATE INITIAL ELECTRICITY..... NOVEMBER 09, 1975

DATE COMMERCIAL OPERATE..... DECEMBER 26, 1975

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LONG ISLAND SOUND

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... NORTHEAST NUCLEAR ENERGY CO.
 CORPORATE ADDRESS..... P.O. BOX 270
 HARTFORD, CONNECTICUT 06141 0270

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..... PAUL SWETLAND
 LICENSING PROJ MANAGER..... GUY S. VISSING
 DOCKET NUMBER..... 50-336
 LICENSE & DATE ISSUANCE..... DPR 065, SEPTEMBER 30, 1975

1. Docket: 50-423 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: L. C. DOBIE (203) 444-1791 EXT. 6076

4. Licensed Thermal Power (MWT): 3411

5. Nameplate Rating (Gross MWe): 1253

6. Design Electrical Rating (Net MWe): 1154

7. Maximum Dependable Capacity (Gross MWe): 1184

8. Maximum Dependable Capacity (Net MWe): 1137

9. If Changes Occur 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	67,440.0
13. Hours Reactor Critical	744.0	6,275.8	49,313.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	6,459.1
15. Hrs Generator On-Line	744.0	6,106.6	48,237.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,480,277.0	20,094,807.5	157,285,106.2
18. Gross Elec Ener (MWH)	859,795.5	6,849,406.5	54,167,645.1
19. Net Elec Ener (MWH)	824,969.4	6,479,338.4	51,466,605.3
20. Unit Service Factor	100.0	69.7	71.5
21. Unit Avail Factor	100.0	69.7	71.5
22. Unit Cap Factor (MDC Net)	97.5	65.1	67.0
23. Unit Cap Factor (DER Net)	96.1	64.1	66.1
24. Unit Forced Outage Rate	0.0	4.3	17.2
25. Forced Outage Hours	0.0	272.5	10,004.9

* MILLSTONE 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	798	16	1104
2	1110	17	1127
3	1086	18	1137
4	1083	19	1138
5	1132	20	1137
6	1138	21	1026
7	1130	22	1001
8	1111	23	1133
9	1132	24	1138
10	1137	25	1139
11	1134	26	1137
12	1072	27	1137
13	1138	28	1136
14	1135	29	1137
15	1130	30	1140
		31	1139

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* MILLSTONE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * HILLSTONE 3 *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... CONNECTICUT
 COUNTY..... NEW LONDON

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 3.2 MI ENE OF NEW LONDON, CT

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JANUARY 23, 1986

DATE INITIAL ELECTRICITY..... FEBRUARY 12, 1986

DATE COMMERCIAL OPERATE..... APRIL 23, 1986

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... NIAN TIC BAY

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

UTILITY

LICENSEE..... NORTHEAST NUCLEAR ENERGY CO.
 CORPORATE ADDRESS..... P.O. BOX 270
 HARTFORD, CONNECTICUT 06141 0270

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1
 IE RESIDENT INSPECTOR..... PAUL SWETLAND
 LICENSING PROJ MANAGER..... VERNON L. ROONEY
 DOCKET NUMBER..... 50-423
 LICENSE & DATE ISSUANCE..... NPF 049, JANUARY 31, 1986

1. Docket: 50-263 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 569

6. Design Electrical Rating (Net MWe): 545

7. Maximum Dependable Capacity (Gross MWe): 564

8. Maximum Dependable Capacity (Net MWe): 536

9. If Changes Occur 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	197,281.0
13. Hours Reactor Critical	744.0	7,391.0	159,375.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	940.7
15. Hrs Generator On-Line	744.0	7,324.5	156,600.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,241,429.0	11,871,367.0	241,264,780.0
18. Gross Elec Ener (MWH)	421,187.0	4,023,863.0	81,554,663.0
19. Net Elec Ener (MWH)	406,279.0	3,862,906.0	78,018,793.0
20. Unit Service Factor	100.0	83.6	79.4
21. Unit Avail Factor	100.0	83.6	79.4
22. Unit Cap Factor (MDC Net)	101.9	82.3	73.8
23. Unit Cap Factor (DER Net)	100.2	80.9	72.6
24. Unit Forced Outage Rate	0.0	1.4	3.6
25. Forced Outage Hours	0.0	104.6	5,852.6

* MONTICELLO *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	547	16	546
2	543	17	546
3	543	18	548
4	548	19	545
5	545	20	547
6	546	21	548
7	545	22	548
8	549	23	548
9	541	24	549
10	544	25	546
11	544	26	550
12	545	27	548
13	544	28	547
14	544	29	547
15	542	30	548
		31	548

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* MONTICELLO *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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..... MARSHA GAMBERONI

DOCKET NUMBER..... 50-263

LICENSE & DATE ISSUANCE..... DPR 022, SEPTEMBER 08, 1970

1. Docket: 50-220 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: D. E. COLEMAN (315) 349-2558

4. Licensed Thermal Power (Mwt): 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 Occur Above Since Last Report, Give Reasons:
 DESIGN ELECTRICAL RATING AND MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) HAVE BEEN REVISED BASED ON AN UPDATED BASELINE PERFORMANCE OF THE TURBINE CYCLE.

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

11. Reasons for Restrictions, If Any: _____

 * NINE MILE POINT 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	615	16	617
2	616	17	618
3	617	18	616
4	612	19	618
5	616	20	619
6	616	21	617
7	617	22	620
8	617	23	618
9	616	24	618
10	616	25	619
11	524	26	621
12	608	27	620
13	615	28	620
14	616	29	618
15	616	30	620
		31	622

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	212,953.0
13. Hours Reactor Critical	744.0	7,442.3	138,236.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,204.2
15. Hrs Generator On-Line	744.0	7,370.9	134,446.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	20.4
17. Gross Therm Ener (MWH)	1,368,430.0	13,392,390.0	226,742,616.0
18. Gross Elec Ener (MWH)	469,584.0	4,477,519.0	75,294,809.0
19. Net Elec Ener (MWH)	456,814.0	4,353,361.0	72,962,804.0
20. Unit Service Factor	100.0	84.1	63.1
21. Unit Avail Factor	100.0	84.1	63.1
22. Unit Cap Factor (MDC Net)	108.7	88.0	56.2
23. Unit Cap Factor (DER Net)	100.2	81.1	55.2
24. Unit Forced Outage Rate	0.0	0.7	25.0
25. Forced Outage Hours	0.0	52.6	44,742.7

26. Shutdowns Sched 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 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * NINE MILE POINT 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
	12/11/93	S	0.0	B	5				POWER REDUCTION FOR A CONTROL ROD PATTERN ADJUSTMENT.

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 DATA

 * NINE MILE POINT 1 *

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.

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: C. J. CAROCCIO (315) 349-4615

4. Licensed Thermal Power (MWt): 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 Occur Above Since Last Report, Give Reasons:

MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) HAVE BEEN RECALCULATED
BASED UPON DEFINITION IN REG. GUIDE 1.16, UNDER THE MOST
RESTRICTIVE SEASONAL (AMBIENT) RESTRICTION.

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	50,329.0
13. Hours Reactor Critical	692.6	7,377.0	32,986.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	592.4	7,196.9	31,181.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,887,646.6	23,296,839.7	96,213,000.4
18. Gross Elec Ener (MWH)	623,521.7	7,645,881.3	31,845,438.3
19. Net Elec Ener (MWH)	586,226.5	7,191,101.7	29,922,796.5
20. Unit Service Factor	79.6	82.2	62.0
21. Unit Avail Factor	79.6	82.2	62.0
22. Unit Cap Factor (MDC Net)	79.3	82.6	56.5
23. Unit Cap Factor (DER Net)	74.2	77.3	55.1
24. Unit Forced Outage Rate	20.4	2.1	18.4
25. Forced Outage Hours	151.6	151.6	7,048.0

* NINE MILE POINT 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	696	16	1048
2	9820	17	1050
3	1046	18	1040
4	0	19	1049
5	0	20	1048
6	0	21	1047
7	0	22	1044
8	0	23	1047
9	0	24	1046
10	0	25	1046
11	142	26	1049
12	874	27	1048
13	1022	28	1006
14	1049	29	1046
15	1046	30	1045
		31	1046

26. Shutdowns Sched 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 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * WINE MILE POINT 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
9314	12/04/93	F	151.6	A	3	93012	TJ	FS	A STATOR WATER COOLING LOW FLOW INDICATION WAS RECEIVED RESULTING IN A GENERATOR RUNBACK, TURBINE TRIP, AND AUTOMATIC REACTOR SCRAM. THE ROOT CAUSE OF THE EVENT WAS EQUIPMENT FAILURE, SPECIFICALLY, A MALFUNCTION OF A STATOR WATER COOLING FLOW SWITCH.

TYPE

F: Forced
 S: Scheduled

REASON

A-Equipment Failure
 B-Maintenance or Test
 C-Refueling
 L-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..... JOHN E. MENNING

DOCKET NUMBER..... 50-410

LICENSE & DATE ISSUANCE..... NPF 069, JULY 02, 1987

1. Docket: 50-338 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: G. E. KANE (703) 894-2101

4. Licensed Thermal Power (MWT): 2893

5. Nameplate Rating (Gross MWe): 947

6. Design Electrical Rating (Net MWe): 907

7. Maximum Dependable Capacity (Gross MWe): 948

8. Maximum Dependable Capacity (Net MWe): 900

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

MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) HAVE BEEN REVISED AS A RESULT OF ENGINEERING EVALUATION.

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	136,116.0
13. Hours Reactor Critical	744.0	6,474.9	100,405.7
14. Rx Reserve Shtdwn Hrs	0.0	68.8	6,826.8
15. Hrs Generator On-Line	744.0	6,444.2	97,440.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,151,480.5	18,276,049.5	258,452,236.4
18. Gross Elec Ener (MWH)	708,390.0	5,988,452.0	84,915,357.0
19. Net Elec Ener (MWH)	674,654.0	5,692,645.0	80,406,585.0
20. Unit Service Factor	100.0	73.6	71.6
21. Unit Avail Factor	100.0	73.6	71.6
22. Unit Cap Factor (MDC Net)	100.8	73.1	66.1
23. Unit Cap Factor (DER Net)	100.0	71.6	65.1
24. Unit Forced Outage Rate	0.0	0.0	10.7
25. Forced Outage Hours	0.0	0.0	11,720.7

* NORTH ANNA 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	909	16	907
2	908	17	907
3	909	18	908
4	909	19	907
5	909	20	908
6	909	21	906
7	909	22	906
8	908	23	906
9	908	24	905
10	899	25	905
11	908	26	906
12	907	27	905
13	908	28	905
14	907	29	905
15	907	30	905
		31	905

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* NORTH ANNA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
F: Forced S: Scheduled	A-Equipment Failure B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error H-Other	1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced Load 9-Other	IEEE Standard 805-1984 and/or NUREG-0161 Exhibit F	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..... DONALD TAYLOR

LICENSING PROJ MANAGER..... LEON B. ENGLE

DOCKET NUMBER..... 50-338

LICENSE & DATE ISSUANCE..... WPF 004, APRIL 01, 1978

1. Docket: 50-339 OPERATING STATUS
2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
3. Utility Contact: G. E. KANE (703) 894-2101
4. Licensed Thermal Power (MWT): 2893
5. Nameplate Rating (Gross MWe): 947
6. Design Electrical Rating (Net MWe): 907
7. Maximum Dependable Capacity (Gross MWe): 935
8. Maximum Dependable Capacity (Net MWe): 887
9. If Changes Occur Above Since Last Report, Give Reasons:
- MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) HAVE BEEN REVISED DUE TO ENGINEERING EVALUATION.
10. Power Level To Which Restricted, If Any (Net MWe): _____
11. Reasons for Restrictions, If Any: _____

 * NORTH ANNA 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	895	16	896
2	895	17	896
3	883	18	897
4	896	19	896
5	895	20	896
6	896	21	895
7	894	22	895
8	895	23	894
9	895	24	896
10	895	25	895
11	895	26	895
12	896	27	895
13	897	28	894
14	896	29	894
15	896	30	893
		31	888

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	114,384.0
13. Hours Reactor Critical	744.0	7,329.4	94,373.5
14. Rx Reserve Shtdwn Hrs	0.0	168.8	6,413.2
15. Hrs Generator On-Line	744.0	7,304.3	93,317.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,150,864.3	20,100,893.2	252,225,657.7
18. Gross Elec Ener (MWH)	699,515.0	6,558,760.0	82,595,476.0
19. Net Elec Ener (MWH)	665,626.0	6,225,220.0	79,049,701.0
20. Unit Service Factor	100.0	83.4	81.6
21. Unit Avail Factor	100.0	83.4	81.6
22. Unit Cap Factor (MDC Net)	100.9	78.3	76.7
23. Unit Cap Factor (DER Net)	98.6	78.4	76.2
24. Unit Forced Outage Rate	0.0	3.2	5.6
25. Forced Outage Hours	0.0	241.6	5,551.7

26. Shutdowns Sched 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 A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* NORTH ANNA 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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
 RICHMOND, VIRGINIA 23261

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... DONALD TAYLOR

LICENSING PROJ MANAGER..... LEON B. ENGLE

DOCKET NUMBER..... 50-339

LICENSE & DATE ISSUANCE..... NPF 007, AUGUST 21, 1980

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* OCONEE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * OCOREE 1 *

FACILITY DESCRIPTION

LOCATION

STATE..... SOUTH CAROLINA
 COUNTY..... OCOREE

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (Mwt): 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 Occur 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	169,297.0
13. Hours Reactor Critical	744.0	7,422.5	133,996.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,353.9	132,136.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,911,816.0	18,808,272.0	321,416,582.0
18. Gross Elec Ener (MWH)	667,224.0	6,525,004.0	109,877,548.0
19. Net Elec Ener (MWH)	639,051.0	6,233,116.0	104,619,070.0
20. Unit Service Factor	100.0	83.9	78.1
21. Unit Avail Factor	100.0	83.9	78.1
22. Unit Cap Factor (MDC Net)	101.5	84.1	72.1
23. Unit Cap Factor (DER Net)	96.9	80.3	69.7
24. Unit Forced Outage Rate	0.0	0.7	8.8
25. Forced Outage Hours	0.0	49.3	12,767.8

* OCONEE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	859	16	860
2	859	17	860
3	859	18	860
4	859	19	860
5	859	20	860
6	859	21	860
7	859	22	860
8	859	23	860
9	859	24	860
10	859	25	862
11	859	26	861
12	859	27	861
13	859	28	861
14	860	29	861
15	859	30	861
		31	832

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* OCONEE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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

UTILITY & CONTRACTOR INFORMATION

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..... 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

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..... 50-270
 LICENSE & DATE ISSUANCE..... DPR 047, OCTOBER 06, 1973

1. Docket: 50-287 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (Mwt): 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 Occur 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	<u>744.0</u>	<u>8,760.0</u>	<u>166,944.0</u>
13. Hours Reactor Critical	<u>653.1</u>	<u>8,655.4</u>	<u>129,191.1</u>
14. Rx Reserve Shtdwn Hrs	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
15. Hrs Generator On-Line	<u>649.1</u>	<u>8,647.7</u>	<u>127,454.3</u>
16. Unit Reserve Shtdwn Hrs	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
17. Gross Therm Ener (MWH)	<u>1,607,976.0</u>	<u>22,124,040.0</u>	<u>316,339,689.0</u>
18. Gross Elec Ener (MWH)	<u>558,681.0</u>	<u>7,720,402.0</u>	<u>109,120,260.0</u>
19. Net Elec Ener (MWH)	<u>532,279.0</u>	<u>7,393,759.0</u>	<u>104,077,770.0</u>
20. Unit Service Factor	<u>87.2</u>	<u>98.7</u>	<u>76.3</u>
21. Unit Avail Factor	<u>87.2</u>	<u>98.7</u>	<u>76.3</u>
22. Unit Cap Factor (MDC Net)	<u>84.6</u>	<u>99.8</u>	<u>72.8</u>
23. Unit Cap Factor (DER Net)	<u>80.7</u>	<u>95.3</u>	<u>70.4</u>
24. Unit Forced Outage Rate	<u>0.0</u>	<u>0.2</u>	<u>10.3</u>
25. Forced Outage Hours	<u>0.0</u>	<u>17.4</u>	<u>14,694.4</u>

 * OCONEE 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	860	16	840
2	860	17	838
3	860	18	819
4	860	19	808
5	860	20	802
6	859	21	792
7	858	22	783
8	858	23	774
9	857	24	769
10	855	25	762
11	855	26	746
12	855	27	704
13	854	28	0
14	849	29	0
15	841	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 02/21/94

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * OCONEE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
2	12/28/93	S	94.9	C	1		RC	FUELXX	END OF CYCLE 14 REFUELING OUTAGE.

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 DATA

 * OCONEE 3 *

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
3. Utility Contact: JIM KRALL (609) 971-4115
4. Licensed Thermal Power (MMt): 1930
5. Nameplate Rating (Gross MWe): 550
6. Design Electrical Rating (Net MWe): 650
7. Maximum Dependable Capacity (Gross MWe): 632
8. Maximum Dependable Capacity (Net MWe): 610
9. If Changes Occur 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	210,600.0
13. Hours Reactor Critical	744.0	7,690.6	139,599.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	918.2
15. Hrs Generator On-Line	744.0	7,654.4	136,201.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1,208.6
17. Gross Therm Ener (MWH)	1,433,441.0	14,604,624.0	233,073,259.0
18. Gross Elec Ener (MWH)	483,417.0	4,848,176.0	78,244,314.0
19. Net Elec Ener (MWH)	466,161.0	4,664,090.0	75,099,606.0
20. Unit Service Factor	100.0	87.4	64.7
21. Unit Avail Factor	100.0	87.4	65.2
22. Unit Cap Factor (MDC Net)	102.7	87.3	58.1
23. Unit Cap Factor (DER Net)	96.4	81.9	54.9
24. Unit Forced Outage Rate	0.0	0.0	10.5
25. Forced Outage Hours	0.0	0.0	15,957.4

 * OYSTER CREEK *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	628	16	624
2	629	17	627
3	628	18	627
4	628	19	626
5	627	20	628
6	626	21	624
7	618	22	626
8	625	23	628
9	625	24	628
10	623	25	627
11	624	26	629
12	627	27	628
13	627	28	629
14	627	29	629
15	627	30	629
		31	629

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* OYSTER CREEK *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... OCEAN

DIST 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 OPERATE..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BURNS & ROE

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... DAVID J. VITO

LICENSING PROJ MANAGER..... ALEXANDER W. DROMERICK

DOCKET NUMBER..... 50-219

LICENSE & DATE ISSUANCE..... DPR 016, AUGUST 01, 1969

1. Docket: 50-255 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: MARY VANWAGNER (616) 764-8913 EXT 0190

4. Licensed Thermal Power (Mwt): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * PALISADES *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	805	16	790
2	794	17	791
3	802	18	790
4	795	19	790
5	794	20	790
6	794	21	791
7	794	22	791
8	794	23	792
9	792	24	791
10	791	25	793
11	791	26	793
12	792	27	793
13	791	28	793
14	791	29	793
15	792	30	793
		31	786

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	193,167.0
13. Hours Reactor Critical	744.0	4,707.4	108,440.0
14. Rx Reserve Shtdm Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	4,595.0	103,801.6
16. Unit Reserve Shtdm Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,876,608.0	11,366,847.0	223,662,819.0
18. Gross Elec Ener (MWH)	619,380.0	3,728,320.0	70,618,453.0
19. Net Elec Ener (MWH)	589,739.0	3,545,655.0	66,582,685.0
20. Unit Service Factor	100.0	52.5	53.7
21. Unit Avail Factor	100.0	52.5	53.7
22. Unit Cap Factor (MDC Net)	108.6	55.4	51.3
23. Unit Cap Factor (DER Net)	98.5	50.3	42.8
24. Unit Forced Outage Rate	0.0	8.5	29.7
25. Forced Outage Hours	0.0	425.0	43,796.3

26. Shutdowns Sched 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. MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) ARE BASED ON CONDENSER BACKPRESSURE.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... CONSUMERS POWER CO.

CORPORATE ADDRESS..... 212 WEST MICHIGAN AVENUE
 JACKSON, 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: B. S. ECKLUND (602) 340-4068

4. Licensed Thermal Power (MMt): 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 Occur 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	69,480.0
13. Hours Reactor Critical	744.0	6,781.8	41,957.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,666.1	40,999.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,408,701.0	23,251,537.0	149,030,548.0
18. Gross Elec Ener (MWH)	849,700.0	8,024,400.0	51,654,600.0
19. Net Elec Ener (MWH)	796,358.0	7,514,765.0	48,458,360.0
20. Unit Service Factor	100.0	76.1	59.0
21. Unit Avail Factor	100.0	76.1	59.0
22. Unit Cap Factor (MDC Net)	87.7	70.3	57.1
23. Unit Cap Factor (DER Net)	84.3	67.5	54.9
24. Unit Forced Outage Rate	0.0	1.4	15.8
25. Forced Outage Hours	0.0	91.7	7,678.7

 * PALO VERDE 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	815	16	1064
2	860	17	1066
3	1192	18	1067
4	1225	19	1068
5	1227	20	1064
6	1226	21	1066
7	1066	22	1066
8	1067	23	1057
9	1068	24	1065
10	1066	25	1065
11	1062	26	1064
12	1059	27	1065
13	1066	28	1068
14	1069	29	1369
15	1068	30	1067
		31	1068

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* PALO VERDE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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..... 5

IE RESIDENT INSPECTOR..... KENNETH JOHNSTON

LICENSING PROJ MANAGER..... BRIAN E. HOLIAN

DOCKET NUMBER..... 50-528

LICENSE & DATE ISSUANCE..... NPF 041, JUNE 01, 1985

1. Docket. 50-529 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: B. S. ECKLUND (602) 340-4068

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 Charges Occur 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	63,864.0
13. Hours Reactor Critical	744.0	4,723.1	44,548.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	4,623.3	43,679.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,403,758.0	15,797,289.0	159,834,245.0
18. Gross Elec Ener (MWH)	843,700.0	5,496,900.0	55,662,970.0
19. Net Elec Ener (MWH)	786,532.0	5,125,314.0	52,120,035.0
20. Unit Service Factor	100.0	52.8	68.4
21. Unit Avail Factor	100.0	52.8	68.4
22. Unit Cap Factor (MDC Net)	86.6	47.9	66.8
23. Unit Cap Factor (DER Net)	83.2	46.1	64.3
24. Unit Forced Outage Rate	0.0	3.3	6.1
25. Forced Outage Hours	0.0	157.2	2,852.3

 * PALO VERDE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1060	16	1056
2	1062	17	1057
3	1063	18	1057
4	1061	19	1057
5	1060	20	1059
6	1059	21	1059
7	1059	22	1059
8	1059	23	1058
9	1056	24	1060
10	1059	25	1059
11	1057	26	1060
12	1057	27	1063
13	1059	28	1066
14	1057	29	1066
15	1057	30	1065
		31	1064

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

STEAM GENERATOR EDDY CURRENT TESTING, JANUARY 8, 1994, 49 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PALO VERDE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

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 & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... ARIZONA PUBLIC SERVICE CO.

CORPORATE ADDRESS..... P.O. BOX 52034
 PHOENIX, ARIZONA 85072

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

MUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... KENNETH JOHNSTON

LICENSING PROJ MANAGER..... BRIAN E. HOLIAN

DOCKET NUMBER..... 50-529

LICENSE & DATE ISSUANCE..... NPF 051, APRIL 24, 1986

1. Docket: 50-530 OPERATING STATUS
 2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0
 3. Utility Contact: B. S. ECKLUND (602) 340-4068
 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 Occur 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	52,440.0
13. Hours Reactor Critical	154.2	8,008.2	39,015.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	142.8	7,899.9	38,424.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	412,972.0	28,654,255.0	140,671,240.0
18. Gross Elec Ener (MWH)	143,800.0	9,994,100.0	49,221,900.0
19. Net Elec Ener (MWH)	120,807.0	9,394,903.0	46,298,225.0
20. Unit Service Factor	19.2	90.2	73.3
21. Unit Avail Factor	19.2	90.2	73.3
22. Unit Cap Factor (MDC Net)	13.3	87.8	72.3
23. Unit Cap Factor (DER Net)	12.8	84.4	69.5
24. Unit Forced Outage Rate	0.0	2.6	6.9
25. Forced Outage Hours	0.0	213.3	2,858.0

 * PALO VERDE 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	246
12	0	27	1014
13	0	28	1078
14	0	29	1077
15	0	30	1077
		31	1077

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

REFUELING OUTAGE, MARCH 12, 1994, 80 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: LICENSEE REVISED NOVEMBER 1993 NET ELECTRICAL FROM 630,295.0 TO 631,295.0.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PALO VERDE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-08	11/29/93	S	601.2	B	4				CONTINUATION FROM PREVIOUS MONTH, PLANNED MID-CYCLE STEAM GENERATOR TUBE EDDY CURRENT INSPECTION.

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
 PHOENIX, ARIZONA 85072

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... KENNETH JOHNSTON

LICENSING PROJ MANAGER..... CHARLES M. III TRAMMELL

DOCKET NUMBER..... 50-530

LICENSE & DATE ISSUANCE..... NPF 074, NOVEMBER 25, 1987

1. Docket: 50-277 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: W. J. JEFFREY (717) 456-7014 EXT. 3321

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): 1055

9. If Changes Occur 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	170,880.0
13. Hours Reactor Critical	744.0	7,728.0	106,112.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,571.0	102,220.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,418,406.0	24,119,749.0	304,489,493.0
18. Gross Elec Ener (MWH)	806,200.0	7,979,100.0	100,151,490.0
19. Net Elec Ener (MWH)	781,883.0	7,704,083.0	95,990,802.0
20. Unit Service Factor	100.0	86.4	59.8
21. Unit Avail Factor	100.0	86.4	59.8
22. Unit Cap Factor (MDC Net)	99.6	83.4	53.2
23. Unit Cap Factor (DER Net)	98.7	82.6	52.7
24. Unit Forced Outage Rate	0.0	5.3	13.9
25. Forced Outage Hours	0.0	425.0	16,466.0

 * PEACH BOTTOM 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1060	16	1071
2	1064	17	1068
3	1064	18	749
4	1060	19	991
5	1060	20	1066
6	1061	21	1070
7	1061	22	1070
8	1061	23	1053
9	1066	24	1069
10	1061	25	1069
11	1065	26	1065
12	1065	27	1069
13	1064	28	1065
14	1065	29	1065
15	1063	30	1056
		31	1044

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PEACH BOTTOM 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
26	12/10/93	S	0.0	B	5		RC	CONROD	POWER REDUCTION FOR CONTROL ROD STROKING.
27	12/19/93	F	0.0	B	5				POWER REDUCTION FOR ROD PATTERN ADJUSTMENT AND REACTOR FEED PUMP MAINTENANCE.
28	12/31/93	S	0.0	B	5		HE	VALVES	POWER REDUCTION FOR TURBINE STOP VALVE TESTING.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... PHILADELPHIA ELECTRIC CO.

CORPORATE ADDRESS..... 2301 MARKET STREET
 PHILADELPHIA, PENNSYLVANIA 19103

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..... STEPHEN DEMBEK

DOCKET NUMBER..... 50-277

LICENSE & DATE ISSUANCE..... DPR 044, DECEMBER 14, 1973

1. Docket: 50-278 OPERATING STATUS

2. Reporting Period: DECEMBER 1975 Outage + On-line Hrs: 744.0

3. Utility Contact: W. J. JEFFREY (717) 456-7014 EXT. 3321

4. Licensed Thermal Power (MMt): 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 Occur 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	166,776.0
13. Hours Reactor Critical	417.0	6,613.0	104,671.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	417.0	6,594.0	101,291.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,303,896.0	20,192,267.0	298,773,477.0
18. Gross Elec Ener (MWH)	423,000.0	6,550,000.0	97,990,132.0
19. Net Elec Ener (MWH)	408,740.0	6,310,370.0	93,974,236.0
20. Unit Service Factor	56.0	75.3	60.7
21. Unit Avail Factor	56.0	75.3	60.7
22. Unit Cap Factor (MDC Net)	53.1	69.6	54.4
23. Unit Cap Factor (DER Net)	51.6	67.6	52.9
24. Unit Forced Outage Rate	44.0	6.8	12.3
25. Forced Outage Hours	327.0	479.0	14,185.7

* PEACH BOTTOM 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1036	16	287
2	80	17	811
3	0	18	1041
4	0	19	1058
5	0	20	1070
6	0	21	1074
7	0	22	1066
8	0	23	1057
9	0	24	1066
10	0	25	1070
11	0	26	1061
12	0	27	1069
13	0	28	1065
14	0	29	1057
15	6	30	1065
		31	1061

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PEACH BOTTOM 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
25	12/02/93	F	327.0	A	1		SF	VALVEX	LPCI MOTOR OPERATED VALVE MD-25A INOPERABLE.
26	12/29/93	F	0.0	A	5		CB	PUMPKX	"A" RECIRC PUMP RUNBACK.

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-0151 Exhibit F

COMPONENT

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

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... PHILADELPHIA ELECTRIC CO.
 CORPORATE ADDRESS..... 2301 MARKET STREET
 PHILADELPHIA, PENNSYLVANIA 19103

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..... STEPHEN DEMBEK
 DOCKET NUMBER..... 50-278
 LICENSE & DATE ISSUANCE..... DPR 056, JULY 02, 1974

1. Docket: 50-440 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: H. L. HEGRAT (216) 259-3737

4. Licensed Thermal Power (Mwt): 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 Occur 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	53,652.0
13. Hours Reactor Critical	542.1	4,219.2	37,531.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	460.8	3,856.4	36,135.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,556,335.0	12,390,789.0	122,880,760.0
18. Gross Elec Ener (MWH)	538,756.0	4,208,995.0	42,224,992.0
19. Net Elec Ener (MWH)	510,526.0	3,973,212.0	40,092,929.0
20. Unit Service Factor	61.9	44.0	67.4
21. Unit Avail Factor	61.9	44.0	67.4
22. Unit Cap Factor (MDC Net)	58.9	38.9	64.8
23. Unit Cap Factor (DER Net)	57.6	38.1	62.7
24. Unit Forced Outage Rate	38.1	37.8	12.5
25. Forced Outage Hours	283.2	2347.7	5,139.4

* PERRY *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1193	16	1136
2	584	17	1193
3	0	18	1184
4	0	19	1151
5	0	20	1198
6	0	21	1198
7	0	22	1200
8	0	23	1201
9	0	24	1200
10	0	25	1199
11	0	26	1169
12	0	27	1200
13	0	28	1198
14	44	29	1197
15	635	30	1197
		31	1196

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

REFUELING OUTAGE, FEBRUARY 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PERRY *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-5	12/02/93	F	283.2	A	1		AD		UNIT WAS SHUTDOWN TO REPAIR THE REACTOR RECIRCULATION PUMP "A" SEALS.

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 DATA

 * PERRY *

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 HNDCT

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 44081

CONTRACTOR

ARCHITECT/ENGINEER..... GILBERT ASSOCIATES

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: W. MUNRO (508) 747-8474

4. Licensed Thermal Power (MWt): 1998

5. Nameplate Rating (Gross MWe): 678

6. Design Electrical Rating (Net MWe): 655

7. Maximum Dependable Capacity (Gross MWe): 696

8. Maximum Dependable Capacity (Net MWe): 670

9. If Changes Occur 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	184,632.0
13. Hours Reactor Critical	744.0	7,082.9	112,941.5
14. RX Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,882.6	108,789.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,427,184.0	13,135,920.0	191,144,736.0
18. Gross Elec Ener (MWH)	490,790.0	4,511,940.0	64,645,934.0
19. Net Elec Ener (MWH)	472,417.0	4,340,778.0	62,133,694.0
20. Unit Service Factor	100.0	78.6	58.9
21. Unit Avail Factor	100.0	78.6	58.9
22. Unit Cap Factor (MDC Net)	94.8	74.0	50.2
23. Unit Cap Factor (DER Net)	96.9	75.7	51.4
24. Unit Forced Outage Rate	0.0	4.0	11.8
25. Forced Outage Hours	0.0	285.8	14,567.2

* PILGRIM *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	666	16	666
2	667	17	603
3	665	18	664
4	666	19	614
5	665	20	665
6	664	21	664
7	663	22	663
8	661	23	666
9	662	24	664
10	661	25	664
11	661	26	664
12	660	27	663
13	383	28	663
14	400	29	664
15	624	30	666
		31	664

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PILGRIM *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
15	12/13/93	F	0.0	B	5				POWER REDUCTION DURING WINTER STORM RESULTING FROM MACROFOULING WHICH ADVERSELY AFFECTED MAIN CONDENSER VACUUM. PERFORMED MAINTENANCE ON THIRD POINT FEEDWATER HEATER 103A.
16	12/16/93	F	0.0	B	5				POWER REDUCTION DUE TO WINTER STORM (MACROFOULING).

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

UTILITY & CONTRACTOR INFORMATION

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

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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 DATA

 * POINT BEACH 1 *

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..... KEITH JURY
 LICENSING PROJ MANAGER..... ALLEN G. HANSEN
 DOCKET NUMBER..... 50-266
 LICENSE & DATE ISSUANCE..... DPR 024, OCTOBER 05, 1970

1. Docket: 50-301 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: R. F. ARNOLD (414) 755-6193

4. Licensed Thermal Power (MMt): 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 Occur 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	187,753.0
13. Hours Reactor Critical	744.0	7,924.7	164,200.6
14. Rx Reserve Shtdwn Hrs	0.0	4.0	233.9
15. Hrs Generator On-Line	744.0	7,884.2	161,866.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	302.2
17. Gross Therm Ener (MWh)	1,112,456.0	11,724,923.0	232,371,184.0
18. Gross Elec Ener (MWh)	383,150.0	4,024,140.0	79,024,260.0
19. Net Elec Ener (MWh)	366,389.0	3,844,233.0	75,330,640.0
20. Unit Service Factor	100.0	90.0	86.2
21. Unit Avail Factor	100.0	90.0	86.4
22. Unit Cap Factor (MDC Net)	101.5	90.5	82.1
23. Unit Cap Factor (DER Net)	99.1	88.3	80.7
24. Unit Forced Outage Rate	0.0	0.3	1.0
25. Forced Outage Hours	0.0	20.7	1,671.6

* POINT BEACH 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	493	16	493
2	492	17	494
3	488	18	493
4	493	19	491
5	492	20	492
6	493	21	493
7	492	22	493
8	492	23	493
9	492	24	493
10	492	25	493
11	493	26	491
12	493	27	493
13	493	28	493
14	493	29	491
15	494	30	494
		31	492

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* POINT BEACH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... KEITH JURY

LICENSING PROJ MANAGER..... ALLEN G. HANSEN

DOCKET NUMBER..... 50-301

LICENSE & DATE ISSUANCE..... DPR 027, MARCH 08, 1973

1. Docket: 50-282 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 593

6. Design Electrical Rating (Net MWe): 530

7. Maximum Dependable Capacity (Gross MWe): 545

8. Maximum Dependable Capacity (Net MWe): 513

9. If Changes Occur 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	175,704.0
13. Hours Reactor Critical	744.0	8,507.9	150,306.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,571.1
15. Hrs Generator On-Line	744.0	8,480.7	140,681.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,223,693.0	13,815,304.0	235,213,148.0
18. Gross Elec Ener (MWH)	413,930.0	4,628,120.0	77,424,070.0
19. Net Elec Ener (MWH)	393,404.0	4,377,993.0	72,739,784.0
20. Unit Service Factor	100.0	96.8	84.6
21. Unit Avail Factor	100.0	96.8	84.6
22. Unit Cap Factor (MDC Net)	103.1	98.9	82.3
23. Unit Cap Factor (DER Net)	99.8	94.3	78.1
24. Unit Forced Outage Rate	0.0	0.2	5.1
25. Forced Outage Hours	0.0	15.3	7,960.6

 * PRAIRIE ISLAND 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	526	16	530
2	530	17	530
3	528	18	533
4	527	19	527
5	528	20	530
6	525	21	533
7	524	22	528
8	527	23	529
9	528	24	530
10	527	25	529
11	527	26	529
12	527	27	529
13	530	28	530
14	529	29	532
15	528	30	528
		31	529

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

REFUELING/MAINTENANCE OUTAGE, MAY 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes: YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC NET) ARE CALCULATED WITH WEIGHTED AVERAGES.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * PRAIRIE ISLAND 1 *

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.

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 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 MWe): 593

6. Design Electrical Rating (Net MWe): 530

7. Maximum Dependable Capacity (Gross MWe): 544

8. Maximum Dependable Capacity (Net MWe): 512

9. If Changes Occur 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	166,822.0
13. Hours Reactor Critical	397.6	7,381.4	146,367.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,516.1
15. Hrs Generator On-Line	366.5	7,339.7	144,988.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	546,080.0	11,849,318.0	229,955,639.0
18. Gross Elec Ener (MWH)	184,780.0	3,965,470.0	74,905,170.0
19. Net Elec Ener (MWH)	172,743.0	3,745,055.0	70,804,536.0
20. Unit Service Factor	49.3	83.8	86.9
21. Unit Avail Factor	49.3	83.8	86.9
22. Unit Cap Factor (MDC Net)	45.3	85.0	84.9
23. Unit Cap Factor (DER Net)	43.8	80.7	80.1
24. Unit Forced Outage Rate	0.0	0.0	2.7
25. Forced Outage Hours	0.0	0.0	3,990.0

 * PRAIRIE ISLAND 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-2	16	8
2	-2	17	229
3	0	18	338
4	0	19	438
5	0	20	432
6	0	21	508
7	0	22	530
8	0	23	534
9	0	24	534
10	-11	25	534
11	-14	26	533
12	-15	27	532
13	-15	28	535
14	-14	29	534
15	-15	30	533
		31	532

26. Shutdowns Sched 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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * PRAIRIE ISLAND 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
	10/28/93	S	377.5	C	4		RC	FUELXX	REFUELING OUTAGE CYCLE 16.
	12/19/93	F	0.0	A	5			FCV	POWER REDUCTION TO REPAIR CONTROL VALVE (CV-2). REPLACED THE VALVE POSITION SERVO CARD.

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..... GOOCHUE

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 28 MI SE OF MINNEAPOLIS, MN

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... DECEMBER 17, 1974

DATE INITIAL ELECTRICITY..... DECEMBER 21, 1974

DATE COMMERCIAL OPERATE..... DECEMBER 21, 1974

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..... 50-306

LICENSE & DATE ISSUANCE..... DPR 060, OCTOBER 29, 1974

1. Docket: 50-254 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: MATT BENSON (309) 654-2241 EXT. 2995

4. Licensed Thermal Power (Mwt): 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 Occur 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	190,415.0
13. Hours Reactor Critical	399.2	7,020.4	149,782.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,421.9
15. Hrs Generator On-Line	354.8	6,904.7	145,295.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	909.2
17. Gross Therm Ener (MWH)	770,232.5	16,111,364.0	313,693,188.6
18. Gross Elec Ener (MWH)	253,978.0	5,279,029.0	101,698,119.0
19. Net Elec Ener (MWH)	239,907.0	5,042,486.0	95,917,998.0
20. Unit Service Factor	47.7	78.8	76.3
21. Unit Avail Factor	47.7	78.8	76.8
22. Unit Cap Factor (MDC Net)	41.9	74.9	65.5
23. Unit Cap Factor (DER Net)	40.9	73.0	63.8
24. Unit Forced Outage Rate	50.4	15.1	6.3
25. Forced Outage Hours	360.1	1227.3	9,773.9

 * QUAD CITIES 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-8	16	753
2	29	17	-7
3	304	18	-7
4	665	19	-6
5	749	20	-7
6	728	21	-7
7	769	22	-8
8	772	23	-8
9	770	24	-8
10	761	25	-9
11	761	26	-9
12	763	27	-8
13	768	28	-8
14	760	29	-8
15	769	30	-9
		31	-8

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * QUAD CITIES 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-56	11/06/93	S	29.1	B	4				END OF MAINTENANCE OUTAGE.
53-57	12/16/93	F	360.1	A	3				SCRAM DUE TO EHC PROBLEMS. MAINTAINED UNIT SHUTDOWN FOR MSIV, MOTOR GENERATOR AND EHC SYSTEM WORK.

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 DATA

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..... 1400 OPUS PL., OPUS WEST III
 SUITE 300
 DOWNER'S GROVE, ILLINOIS 60515

CONTRACTOR

ARCHITECT/ENGINEER..... SARGENT & LUNDY

MUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... UNITED ENG. & CONSTRUCTORS

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... THOMAS TAYLOR

LICENSING PROJ MANAGER..... CHANDU P. PATEL

DOCKET NUMBER..... 50-254

LICENSE & DATE ISSUANCE..... DPR 029, DECEMBER 14, 1972

1. Docket: 50-265 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-Line Hrs: 744.0

3. Utility Contact: MATT BENSON (309) 654-2241 EXT. 2995

4. Licensed Thermal Power (Mwt): 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 Occur 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	188,852.0
13. Hours Reactor Critical	40.3	4,725.8	143,902.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,985.8
15. Hrs Generator On-Line	40.3	4,541.7	140,183.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	702.9
17. Gross Therm Ener (MWH)	96,409.9	10,117,552.7	302,780,962.7
18. Gross Elec Ener (MWH)	31,785.0	3,284,509.0	97,309,770.0
19. Net Elec Ener (MWH)	24,570.0	3,111,817.0	92,142,560.0
20. Unit Service Factor	5.4	51.8	74.2
21. Unit Avail Factor	5.4	51.8	74.6
22. Unit Cap Factor (MDC Net)	4.3	46.2	63.4
23. Unit Cap Factor (DER Net)	4.2	45.0	61.8
24. Unit Forced Outage Rate	66.4	26.5	8.5
25. Forced Outage Hours	79.7	1633.8	13,077.8

 * QUAD CITIES 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	754	16	-8
2	505	17	-8
3	-9	18	-7
4	-8	19	-7
5	-8	20	-7
6	-8	21	-7
7	-8	22	-8
8	-8	23	-8
9	-8	24	-8
10	-8	25	-8
11	-8	26	-8
12	-8	27	-8
13	-8	28	-8
14	-8	29	-8
15	-8	30	-8
		31	-8

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * QUAD CITIES 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-18	12/02/93	F	79.7	A	3	93024			SCRAM FROM INVALID LOW LEVEL SIGNAL.
93-19	12/06/93	S	624.0	B	9				ENTERED SCHEDULED MAINTENANCE OUTAGE.

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

UTILITY & CONTRACTOR INFORMATION

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

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..... THOMAS TAYLOR

LICENSING PROJ MANAGER..... CHANDU P. PATEL

DOCKET NUMBER..... 50-265

LICENSE & DATE ISSUANCE..... DPR 030, DECEMBER 14, 1972

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* RIVER BEND *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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..... 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..... GULF STATES UTILITIES CO.

CORPORATE ADDRESS..... P.O. BOX 2951
 BEAUMONT, LOUISIANA 77704

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..... ROBERT T. SCHAAF

DOCKET NUMBER..... 50-458

LICENSE & DATE ISSUANCE..... NPF 047, NOVEMBER 20, 1985

1. Docket: 50-261 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: JACKIE WOODS (803) 383-4524 EXT. 1220

4. Licensed Thermal Power (Mwt): 2300

5. Nameplate Rating (Gross MWe): 739

6. Design Electrical Rating (Net MWe): 700

7. Maximum Dependable Capacity (Gross MWe): 700

8. Maximum Dependable Capacity (Net MWe): 683

9. If Changes Occur 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	200,208.0
13. Hours Reactor Critical	0.0	6,191.2	140,447.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,314.7
15. Hrs Generator On-Line	0.0	6,137.6	137,472.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	23.2
17. Gross Therm Ener (MWH)	0.0	13,514,069.5	280,309,474.3
18. Gross Elec Ener (MWH)	0.0	4,415,882.0	90,954,005.0
19. Net Elec Ener (MWH)	(2,668.0)	4,188,947.0	85,932,939.0
20. Unit Service Factor	0.0	70.1	68.7
21. Unit Avail Factor	0.0	70.1	68.7
22. Unit Cap Factor (MDC Net)	0.0	70.0	62.8
23. Unit Cap Factor (DER Net)	0.0	68.3	61.3
24. Unit Forced Outage Rate	100.0	14.9	14.3
25. Forced Outage Hours	744.0	1078.4	23,930.9

* ROBINSON 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-2	16	-4
2	-4	17	-4
3	-4	18	-4
4	-4	19	-4
5	-4	20	-4
6	-3	21	-4
7	-4	22	-4
8	-4	23	-3
9	-3	24	-4
10	-4	25	-4
11	-4	26	-4
12	-4	27	-4
13	-4	28	-3
14	-4	29	-4
15	-4	30	-4
		31	-4

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

27. If Currently Shutdown, Estimated Startup Date: 01/21/94

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * ROBINSON 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
1203	11/17/93	F	744.0	B	4		DB	FUELXX	SHUTDOWN TO REPAIR WELD LEAK UPSTREAM OF FW-13B "A" MFP DISCHARGE LINE DRAIN AND MOVE FUEL ASSEMBLIES THAT WERE MISLOADED DURING REFUELING.

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... SOUTH CAROLINA

COUNTY..... DARLINGTON

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 26 MI FROM FLORENCE, SC

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... SEPTEMBER 20, 1970

DATE INITIAL ELECTRICITY..... SEPTEMBER 26, 1970

DATE COMMERCIAL OPERATE..... MARCH 07, 1971

CONDENSER COOLING METHOD..... RECIRCULATION

CONDENSER COOLING WATER..... ROBINSON IMPOUNDMENT

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

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..... EBASCO

TURBINE SUPPLIER..... WESTINGHOUSE

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: MARK SHEDLOCK (609) 339-2122

4. Licensed Thermal Power (MWT): 3411

5. Nameplate Rating (Gross MWe): 1170

6. Design Electrical Rating (Net MWe): 1115

7. Maximum Dependable Capacity (Gross MWe): 1149

8. Maximum Dependable Capacity (Net MWe): 1106

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

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

11. Reasons for Restrictions, If Any:

 * SALEM 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	144,697.0
13. Hours Reactor Critical	0.0	5,949.9	95,132.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	5,747.3	91,888.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	18,573,705.6	290,771,593.0
18. Gross Elec Ener (MWH)	0.0	6,162,980.0	96,571,970.0
19. Net Elec Ener (MWH)	(3,654.0)	5,865,894.0	91,937,553.0
20. Unit Service Factor	0.0	65.6	63.5
21. Unit Avail Factor	0.0	65.6	63.5
22. Unit Cap Factor (MDC Net)	0.0	60.5	57.4
23. Unit Cap Factor (DER Net)	0.0	60.1	57.0
24. Unit Forced Outage Rate	0.0	12.6	21.0
25. Forced Outage Hours	0.0	827.8	24,444.1

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

27. If Currently Shutdown, Estimated Startup Date:01/16/94

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SALEM 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
134	10/02/93	S	384.0	C	4		RC	FUELXX	NUCLEAR NORMAL REFUELING.
135	12/17/93	S	360.0	C	9		RC	FUELXX	NUCLEAR NORMAL REFUELING EXTENDED.

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

UTILITY & CONTRACTOR INFORMATION

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..... DECEMBER 11, 1976

DATE INITIAL ELECTRICITY..... DECEMBER 25, 1976

DATE COMMERCIAL OPERATE..... JUNE 30, 1977

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... DELAWARE RIVER

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

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 MARSCHALL

LICENSING PROJ MANAGER..... JAMES C. STONE

DOCKET NUMBER..... 50-272

LICENSE & DATE ISSUANCE..... DPR 070, DECEMBER 01, 1976

1. Docket: 50-311 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: MARK SHEDLOCK (609) 339-2122

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1170

6. Design Electrical Rating (Net MWe): 1115

7. Maximum Dependable Capacity (Gross MWe): 1149

8. Maximum Dependable Capacity (Net MWe): 1106

9. If Changes Occur 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	107,113.0
13. Hours Reactor Critical	71.8	5,513.9	69,279.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	71.8	5,331.0	66,889.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	230,541.6	17,367,249.6	162,462,939.4
18. Gross Elec Ener (MWH)	78,460.0	5,839,030.0	70,546,479.0
19. Net Elec Ener (MWH)	63,068.0	5,541,301.0	67,127,278.0
20. Unit Service Factor	9.7	60.9	62.4
21. Unit Avail Factor	9.7	60.9	62.4
22. Unit Cap Factor (MDC Net)	7.7	57.2	56.7
23. Unit Cap Factor (DER Net)	7.6	56.7	56.2
24. Unit Forced Outage Rate	90.3	20.4	22.7
25. Forced Outage Hours	672.2	1365.1	19,602.2

 * SALEM 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1064	16	0
2	1117	17	0
3	949	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 01/05/94

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SALEM 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
0053	12/03/93	F	672.2	A	1		EE	GENERA	SHUTDOWN DUE TO FAILURE OF THE 2C EMERGENCY DIESEL GENERATOR (EDG) 3R CYLINDER LINER.

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 MARSCHALL

LICENSING PROJ MANAGER..... JAMES C. STONE

DOCKET NUMBER..... 50-311

LICENSE & DATE ISSUANCE..... DPR 075, MAY 20, 1981

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* SAN ONOFRE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

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..... 5

IE RESIDENT INSPECTOR..... CHRISTOPHER W. CALDWELL

LICENSING PROJ MANAGER..... MEL B. FIELDS

DOCKET NUMBER..... 50-361

LICENSE & DATE ISSUANCE..... NPF 010, SEPTEMBER 07, 1982

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SAN ONOFRE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
80	10/10/93	S	710.2	C	4		RC	FUELXX	CONTINUED REFUELING OUTAGE.

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..... 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

MUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC COM (ENG VERSION)

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... CHRISTOPHER W. CALDWELL

LICENSING PROJ MANAGER..... MEL B. FIELDS

DOCKET NUMBER..... 50-362

LICENSE & DATE ISSUANCE..... NPF 015, SEPTEMBER 16, 1983

1. Docket: 50-443 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: P. E. NARDONE (603) 474-9521 EXT. 4074

4. Licensed Thermal Power (Mwt): 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 Occur 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	63,193.0
13. Hours Reactor Critical	744.0	8,203.7	27,707.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	953.3
15. Hrs Generator On-Line	744.0	8,096.3	25,677.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,502,022.0	26,908,890.0	83,432,448.0
18. Gross Elec Ener (MWH)	872,013.0	9,412,107.0	28,973,745.0
19. Net Elec Ener (MWH)	838,053.0	9,046,805.0	27,823,619.0
20. Unit Service Factor	100.0	92.4	82.3
21. Unit Avail Factor	100.0	92.4	82.3
22. Unit Cap Factor (MDC Net)	97.9	89.8	78.9
23. Unit Cap Factor (DER Net)	98.1	90.0	79.0
24. Unit Forced Outage Rate	0.0	7.6	6.2
25. Forced Outage Hours	0.0	663.7	1,978.9

 * SEABROOK *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1152	16	1033
2	1152	17	1050
3	1152	18	1039
4	1151	19	1038
5	1140	20	1039
6	1152	21	1055
7	1152	22	1117
8	1153	23	1145
9	1152	24	1146
10	1153	25	1146
11	1153	26	1146
12	1153	27	1146
13	1153	28	1145
14	1152	29	1145
15	1124	30	1146
		31	1139

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

REFUELING, MARCH 26, 1994, 56 DAYS.

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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SEABROOK *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-07	12/15/93	F	0.0	A	5				EXTERNAL COUNTERWEIGHT FOUND DETACHED FROM DISC ON EXTRACTION STEAM NON-RETURN CHECK VALVE EX-V2. DECISION MADE TO ISOLATE EXTRACTION LINE FOR REMAINDER OF CYCLE.

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 DATA

 * SEABROOK *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... NEW HAMPSHIRE
 COUNTY..... ROCKINGHAM

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 13 MI S OF PORTSMOUTH, NH

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JUNE 13, 1989

DATE INITIAL ELECTRICITY..... MAY 29, 1990

DATE COMMERCIAL OPERATE..... AUGUST 19, 1990

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... ATLANTIC OCEAN

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

UTILITY

LICENSEE..... PUBLIC SERVICE CO. OF NEW HAMPSHIRE
 CORPORATE ADDRESS..... P.O. BOX 300
 SEABROOK, NEW HAMPSHIRE 03874

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1
 IE RESIDENT INSPECTOR..... NOEL F. DUDLEY
 LICENSING PROJ MANAGER..... ALBERT W. DEAGAZIO
 DOCKET NUMBER..... 50-443
 LICENSE & DATE ISSUANCE..... NPF 086, MARCH 15, 1990

1. Docket: 50-327 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: T. J. HOLLOWAY (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): 1162

8. Maximum Dependable Capacity (Net MWe): 1122

9. If Changes Occur 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	109,609.0
13. Hours Reactor Critical	0.0	1,281.3	56,030.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	1,220.6	54,828.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	3,915,909.5	178,893,754.1
18. Gross Elec Ener (MWH)	0.0	1,358,540.0	60,702,654.0
19. Net Elec Ener (MWH)	(6,972.0)	1,241,815.0	58,164,037.0
20. Unit Service Factor	0.0	13.9	50.0
21. Unit Avail Factor	0.0	13.9	50.0
22. Unit Cap Factor (MDC Net)	0.0	12.6	47.3
23. Unit Cap Factor (DER Net)	0.0	12.3	46.2
24. Unit Forced Outage Rate	0.0	47.5	38.8
25. Forced Outage Hours	0.0	1106.4	34,723.3

 * SEQUOYAH 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-2	16	-16
2	-2	17	-16
3	-18	18	-16
4	-15	19	-1
5	-12	20	-1
6	-11	21	-1
7	-12	22	-1
8	-13	23	-1
9	-12	24	-1
10	-12	25	-1
11	-12	26	-1
12	-19	27	-1
13	-19	28	-1
14	-16	29	-1
15	-16	30	-1
		31	-1

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

27. If Currently Shutdown, Estimated Startup Date: 02/17/94

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SEQUOIA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
4	04/08/93	S	744.0	C	4		RC	FUELXX	CYCLE SIX REFUELING OUTAGE CONTINUED.

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..... 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 37902

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

1. Docket: 50-328 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: T. J. HOLLOWAY (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): 1162

8. Maximum Dependable Capacity (Net MWe): 1122

9. If Changes Occur 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	101,569.0
13. Hours Reactor Critical	477.6	2,545.9	58,758.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	414.8	2,216.1	57,293.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,268,193.4	6,581,173.4	179,762,953.8
18. Gross Elec Ener (MWH)	419,362.0	2,204,825.0	60,927,944.0
19. Net Elec Ener (MWH)	401,384.0	2,063,011.0	58,278,286.0
20. Unit Service Factor	55.8	25.3	56.4
21. Unit Avail Factor	55.8	25.3	56.4
22. Unit Cap Factor (MDC Net)	48.1	21.0	51.1
23. Unit Cap Factor (DER Net)	47.0	20.5	50.0
24. Unit Forced Outage Rate	44.2	74.7	37.1
25. Forced Outage Hours	329.2	6543.8	33,663.2

 * SEQUOYAH 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1140	16	10
2	1135	17	200
3	514	18	11
4	-2	19	356
5	-5	20	920
6	-2	21	1150
7	-5	22	1134
8	-2	23	1135
9	-2	24	1135
10	-5	25	1137
11	-2	26	1136
12	-2	27	1135
13	-5	28	1137
14	-5	29	1134
15	135	30	1133
		31	1137

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

REFUELING OUTAGE, APRIL 1, 1994, 65 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SEQUOYAH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
8	12/03/93	F	283.3	A	3	93006	TL	EXC	EXPERIENCED A TURBINE TRIP AND A SUBSEQUENT REACTOR TRIP. OPERATIONS PERSONNEL OBSERVED ERRATIC INDICATIONS ASSOCIATED WITH THE GENERATOR EXCITATION SYSTEM. SUBSEQUENTLY, A GENERATOR STATOR COOLING FAILURE ALARM ACTUATED, CAUSING TURBINE/REACTOR TRIP.
9	12/16/93	F	38.6	A	1				TURBINE WAS MANUALLY TRIPPED AS A RESULT OF TURBINE VIBRATION. BALANCING OF THE TURBINE WAS PERFORMED.
10	12/18/93	F	7.3	H	1				A LOAD DECREASE CAUSED AN ISOLATION OF TWO HEATER STRINGS. TURBINE WAS MANUALLY REMOVED FROM THE GRID TO HELP STABILIZE THE PLANT. THE CAUSE OF THE HEATER STRING ISOLATION IS DESIGN RELATED, REDUCTIONS IN POWER CAN CAUSE HEATER LEVEL PERTURBATIONS.

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..... TENNESSEE

COUNTY..... HAMILTON

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 9.5 MI WE 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 37902

CONTRACTOR

ARCHITECT/ENGINEER..... TENNESSEE VALLEY AUTHORITY

MUC 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: 50-49B OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: R. L. HILL (512) 972-7667

4. Licensed Thermal Power (Mwt): 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 Occur 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	46,921.0
13. Hours Reactor Critical	0.0	720.1	26,861.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	677.1	25,923.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	2,075,013.0	94,665,506.0
18. Gross Elec Ener (MWH)	0.0	703,090.0	32,014,660.0
19. Net Elec Ener (MWH)	0.0	666,033.0	30,259,544.0
20. Unit Service Factor	0.0	7.7	55.2
21. Unit Avail Factor	0.0	7.7	55.2
22. Unit Cap Factor (MDC Net)	0.0	6.1	51.6
23. Unit Cap Factor (DER Net)	0.0	6.1	51.6
24. Unit Forced Outage Rate	100.0	92.3	32.2
25. Forced Outage Hours	744.0	8082.9	12,315.9

 * SOUTH TEXAS 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 01/31/94

Notes: MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) NOT PROVIDED.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SOUTH TEXAS 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-05	02/04/93	F	744.0	F	4				THE UNIT WILL NOT BE TAKEN CRITICAL UNTIL THE RESULTS OF THE AUXILIARY FEEDWATER SYSTEM CORRECTIVE ACTION AND ADDITIONAL ISSUES HAVE BEEN ADDRESSED.

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
F: Forced	A-Equipment Failure	1-Manual	IEEE Standard	IEEE Standard
S: Scheduled	B-Maintenance or Test	2-Manual Scram	805-1984 and/or	803A-1983 and/or
	C-Refueling	3-Auto Scram	NUREG-0161 Exhibit F	NUREG-0161 Exhibit H
	D-Regulatory Restriction	4-Continued		
	E-Operator Training & License Examination	5-Reduced Load		
	F-Administrative	9-Other		
	G-Operational Error			
	H-Other			

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... HOUSTON LIGHTING & POWER CO.

CORPORATE ADDRESS..... P.O. BOX 1700
 HOUSTON, TEXAS 77001

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

MUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... EBASCO

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 4

IE RESIDENT INSPECTOR..... JOSEPH TAPIA

LICENSING PROJ MANAGER..... LAWRENCE E. KOKAJKO

DOCKET NUMBER..... 50-498

LICENSE & DATE ISSUANCE..... NPF 076, MARCH 22, 1988

1. Docket: 50-499 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: R. L. HILL (512) 972-7667

4. Licensed Thermal Power (MWT): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * SOUTH TEXAS 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	0
3	0	18	0
4	0	19	0
5	0	20	0
6	0	21	0
7	0	22	0
8	0	23	0
9	0	24	0
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	0

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	39,769.0
13. Hours Regulator Critical	0.0	739.5	24,756.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	702.5	23,733.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	2,231,021.0	86,433,248.0
18. Gross Elec Ener (MWH)	0.0	729,470.0	29,204,590.0
19. Net Elec Ener (MWH)	0.0	690,299.0	27,735,272.0
20. Unit Service Factor	0.0	8.0	59.7
21. Unit Avail Factor	0.0	8.0	59.7
22. Unit Cap Factor (MDC Net)	0.0	6.3	55.7
23. Unit Cap Factor (DER Net)	0.0	6.3	55.7
24. Unit Forced Outage Rate	100.0	89.5	27.8
25. Forced Outage Hours	744.0	5994.5	9,129.1

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

27. If Currently Shutdown, Estimated Startup Date: 04/28/94

Notes: MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) NOT PROVIDED.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SOUTH TEXAS 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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93-07	05/24/93	F	744.0	F	4				
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THE UNIT WILL NOT BE TAKEN CRITICAL UNTIL THE RESULTS OF THE AUXILIARY FEEDWATER SYSTEM CORRECTIVE ACTION AND ADDITIONAL ISSUES HAVE BEEN ADDRESSED.

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 DATA

 * SOUTH TEXAS 2 *

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..... JOSEPH TAPIA

LICENSING PROJ MANAGER..... LAWRENCE E. KOKAJKO

DOCKET NUMBER..... 50-499

LICENSE & DATE ISSUANCE..... NPF 080, MARCH 28, 1989

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * ST. LUCIE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
15	12/01/93	S	0.0	B	5		HF	HTEXCH	REDUCED POWER FOR WATERBOX CLEANING.
16	12/14/93	S	0.0	B	5		HF	HTEXCH	REDUCED POWER FOR WATERBOX CLEANING.

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-7161 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..... STEVE ELROD

LICENSING PROJ MANAGER..... JAM ADAM MORRIS

DOCKET NUMBER..... 50-335

LICENSE & DATE ISSUANCE..... DPR 067, MARCH 01, 1976

1. Docket: 50-389 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: C. D. WHITE (407) 468-4248

4. Licensed Thermal Power (MWt): 2700

5. Nameplate Rating (Gross MWe): 850

6. Design Electrical Rating (Net MWe): 830

7. Maximum Dependable Capacity (Gross MWe): 882

8. Maximum Dependable Capacity (Net MWe): 839

9. If Changes Occur 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	91,177.0
13. Hours Reactor Critical	744.0	6,759.3	77,163.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,689.8	75,895.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,447,813.0	15,575,508.0	196,940,511.0
18. Gross Elec Ener (MWH)	464,430.0	5,029,900.0	65,509,550.0
19. Net Elec Ener (MWH)	432,776.0	4,709,429.0	61,901,180.0
20. Unit Service Factor	100.0	76.4	83.2
21. Unit Avail Factor	100.0	76.4	83.2
22. Unit Cap Factor (MDC Net)	69.3	64.1	82.0
23. Unit Cap Factor (DER Net)	70.1	64.8	82.3
24. Unit Forced Outage Rate	0.0	23.6	7.4
25. Forced Outage Hours	0.0	2070.2	6,039.4

 * ST. LUCIE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	322	16	844
2	321	17	849
3	322	18	851
4	334	19	850
5	330	20	850
6	321	21	850
7	319	22	849
8	319	23	848
9	319	24	850
10	325	25	431
11	326	26	279
12	325	27	625
13	336	28	849
14	638	29	848
15	806	30	847
		31	848

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

REFUELING OUTAGE, FEBRUARY 15, 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * ST. LUCIE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
25	12/25/93	F	0.0	B	5		HF	HTEXCH	REDUCED POWER DUE TO A CONDENSER TUBE LEAK.
26	12/26/93	F	0.0	B	9		RB	FUELXX	POWER HOLD FOR AXIAL SHAPE INDEX (ASI) CONTROL.

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... FLORIDA POWER & LIGHT CO.
 CORPORATE ADDRESS..... 9250 WEST FLAGLER STREET
 MIAMI, FLORIDA 33102

CONTRACTOR

ARCHITECT/ENGINEER..... EBASCO
 MUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING
 CONSTRUCTOR..... EBASCO
 TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2
 IE RESIDENT INSPECTOR..... STEVE ELROD
 LICENSING PROJ MANAGER..... JAN ADAM NORRIS
 DOCKET NUMBER..... 50-389
 LICENSE & DATE ISSUANCE..... NPF 016, JUNE 10, 1983

1. Docket: 50-395 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: J. W. HALTIWANGER (803) 345-4297

4. Licensed Thermal Power (MWt): 2775

5. Nameplate Rating (Gross MWe): 900

6. Design Electrical Rating (Net MWe): 900

7. Maximum Dependable Capacity (Gross MWe): 922

8. Maximum Dependable Capacity (Net MWe): 885

9. If Changes Occur 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	87,672.0
13. Hours Reactor Critical	744.0	7,357.9	70,535.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,259.2	69,279.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,053,574.0	19,236,235.0	181,278,993.0
18. Gross Elec Ener (MWH)	687,700.0	6,397,070.0	60,122,829.0
19. Net Elec Ener (MWH)	659,460.0	6,104,148.0	57,166,633.0
20. Unit Service Factor	100.0	82.9	79.0
21. Unit Avail Factor	100.0	82.9	79.0
22. Unit Cap Factor (MDC Net)	100.2	78.7	73.7
23. Unit Cap Factor (DER Net)	98.5	77.4	72.5
24. Unit Forced Outage Rate	0.0	1.4	5.5
25. Forced Outage Hours	0.0	105.5	4,006.6

* SUMMER *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	812	16	890
2	852	17	891
3	891	18	891
4	891	19	890
5	891	20	891
6	890	21	890
7	891	22	890
8	890	23	891
9	890	24	890
10	890	25	891
11	890	26	890
12	890	27	891
13	890	28	891
14	890	29	890
15	889	30	888
		31	889

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SUMMER *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

UTILITY & CONTRACTOR INFORMATION

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

LICENSEE..... SOUTH CAROLINA ELECTRIC & GAS CO.

CORPORATE ADDRESS..... P.O. BOX 764
 COLUMBIA, SOUTH CAROLINA 29218

CONTRACTOR

ARCHITECT/ENGINEER..... GILBERT ASSOCIATES

MUC 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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

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 Occur 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	184,320.0
13. Hours Reactor Critical	744.0	8,432.2	123,807.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,774.5
15. Hrs Generator On-Line	744.0	8,403.6	121,679.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	3,736.2
17. Gross Therm Ener (MWH)	1,305,076.1	19,548,466.0	283,167,745.1
18. Gross Elec Ener (MWH)	443,175.0	6,521,295.0	92,539,548.0
19. Net Elec Ener (MWH)	419,735.0	6,229,241.0	87,827,101.0
20. Unit Service Factor	100.0	95.9	66.0
21. Unit Avail Factor	100.0	95.9	68.0
22. Unit Cap Factor (MDC Net)	72.2	91.1	61.4
23. Unit Cap Factor (DER Net)	71.6	90.2	60.5
24. Unit Forced Outage Rate	0.0	1.5	17.4
25. Forced Outage Hours	0.0	125.0	25,704.8

 * SURRY 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	645	16	575
2	644	17	576
3	638	18	570
4	633	19	559
5	628	20	553
6	627	21	539
7	619	22	483
8	618	23	486
9	610	24	489
10	606	25	489
11	607	26	484
12	602	27	489
13	594	28	486
14	589	29	488
15	585	30	490
		31	489

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

REFUELING OUTAGE, JANUARY 21, 1994, 64 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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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 DATA

 * SURRY 1 *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

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

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SURRY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
	11/16/93	S	13.9	B	4		JB	SG	CONTINUED STEAM GENERATOR MAINTENANCE OUTAGE.
	12/22/93	F	0.0	B	5		SJ	P	UNIT POWER REDUCED TO FACILITATE REPLACEMENT OF FEEDWATER PUMP, 2-FW-P-1A, MOTOR BEARINGS.

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

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

MUC 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..... 50-281

LICENSE & DATE ISSUANCE..... DPR 037, JANUARY 29, 1973

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SUSQUEHANNA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
10	09/25/93	S	744.0	C	4		RC	FUELXX	REFUELING OUTAGE CONTIMUED.

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..... LUZERNE

DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 7 MI NE OF BERWICK, PA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... SEPTEMBER 10, 1982

DATE INITIAL ELECTRICITY..... NOVEMBER 16, 1982

DATE COMMERCIAL OPERATE..... JUNE 08, 1983

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

MJC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... G. SCOTT BARBER

LICENSING PROJ MANAGER..... RICHARD J. CLARK

DOCKET NUMBER..... 50-387

LICENSE & DATE ISSUANCE..... NPF 014, NOVEMBER 12, 1982

1. Docket: 50-388 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: B. BALL (717) 542-3453

4. Licensed Thermal Power (MMt): 3293

5. Nameplate Rating (Gross MWe): 1152

6. Design Electrical Rating (Net MWe): 1050

7. Maximum Dependable Capacity (Gross MWe): 1082

8. Maximum Dependable Capacity (Net MWe): 1044

9. If Changes Occur 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	77,880.0
13. Hours Reactor Critical	383.6	8,271.5	65,513.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	717.9
15. Hrs Generator On-Line	264.3	8,094.4	64,211.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	818,863.0	26,335,171.0	204,327,630.0
18. Gross Elec Ener (MWH)	264,030.0	8,644,033.0	67,009,767.0
19. Net Elec Ener (MWH)	246,138.0	8,337,862.0	64,505,175.0
20. Unit Service Factor	35.5	92.4	82.4
21. Unit Avail Factor	35.5	92.4	82.4
22. Unit Cap Factor (MDC Net)	31.7	91.2	79.3
23. Unit Cap Factor (DER Net)	31.5	90.6	78.9
24. Unit Forced Outage Rate	64.5	7.6	5.7
25. Forced Outage Hours	479.7	665.6	3,884.6

 * SUSQUEHANNA 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1056	16	0
2	1053	17	0
3	1052	18	0
4	1050	19	0
5	1049	20	0
6	1056	21	0
7	1054	22	0
8	1055	23	0
9	1054	24	0
10	918	25	0
11	0	26	0
12	0	27	0
13	0	28	0
14	0	29	0
15	0	30	0
		31	200

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

REFUELING OUTAGE, MARCH 12, 1994, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * SUSQUEHANNA 2 *

No.	Date	Type	Hours	Reascn	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
9	12/10/93	F	479.7	A	1		XX	ZZZ	MANUALLY SHUTDOWN DUE TO HIGH DRYWELL LEAKAGE. INSPECTION OF DRYWELL REVEALED A CRACKED WELD ON THE "A" RX RECIRC PUMP RBCCW OUTLET LINE. OTHER WORK INCLUDED INSTALLATION OF TORQUE COLLARS ON THE MAIN TURBINE AND INSTALLATION OF RX LEVEL INSTRUMENTATION.

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 DESCRIPTIONUTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... LUZERNE

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

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..... G. SCOTT BARBER

LICENSING PROJ MANAGER..... RICHARD J. CLARK

DOCKET NUMBER..... 50-388

LICENSE & DATE ISSUANCE..... NPF 022, JUNE 27, 1984

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
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TYPE	REASON	METHOD	SYSTEM	COMPONENT
F: Forced	A-Equipment Failure	1-Manuel	IEEE Standard	IEEE Standard
S: Scheduled	B-Maintenance or Test	2-Manual Scram	805-1984 and/or	803A-1983 and/or
	C-Refueling	3-Auto Scram	NUREG-0161 Exhibit F	NUREG-0161 Exhibit H
	D-Regulatory Restriction	4-Continued		
	E-Operator Training & License Examination	5-Reduced Load		
	F-Administrative	9-Other		
	G-Operational Error			
	H-Other			

FACILITY DATA

 * THREE MILE ISLAND 1 *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

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

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..... FRANCIS I. YOUNG
 LICENSING PROJ MANAGER..... RONALD W. HERNAN
 DOCKET NUMBER..... 50-289
 LICENSE & DATE ISSUANCE..... DPR 050, APRIL 19, 1974

1. Docket: 50-250 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: J. E. KNORR (305) 246-6757

4. Licensed Thermal Power (MWT): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * TURKEY POINT 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	701	16	706
2	700	17	700
3	699	18	704
4	695	19	698
5	690	20	693
6	692	21	692
7	697	22	695
8	696	23	693
9	693	24	694
10	692	25	698
11	690	26	703
12	703	27	705
13	700	28	702
14	698	29	694
15	697	30	693
		31	693

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	184,737.6
13. Hours Reactor Critical	744.0	8,501.0	121,261.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	844.4
15. Hrs Generator On-Line	744.0	8,422.6	119,533.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	121.8
17. Gross Therm Ener (MWH)	1,637,596.0	18,232,911.4	248,139,839.4
18. Gross Elec Ener (MWH)	543,065.0	5,939,690.0	79,581,816.0
19. Net Elec Ener (MWH)	518,542.0	5,657,345.0	75,269,505.0
20. Unit Service Factor	100.0	96.1	64.7
21. Unit Avail Factor	100.0	96.1	64.8
22. Unit Cap Factor (MDC Net)	104.6	97.0	62.2
23. Unit Cap Factor (DER Net)	100.6	93.2	58.8
24. Unit Forced Outage Rate	0.0	1.8	11.8
25. Forced Outage Hours	0.0	152.5	16,019.6

26. Shutdowns Sched Over Next Six Months (Type,Date,Duration):
 REFUELING OUTAGE, APRIL 1994.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) IS CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * TURKEY POINT 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 1993

FACILITY DATA

* TURKEY POINT 3 *

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..... LAKSHMINARASIMH RAGHAVAN
DOCKET NUMBER..... 50-250
LICENSE & DATE ISSUANCE..... DPR 031, JULY 19, 1972

1. Docket: 50-257 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: J. E. KNORR (305) 246-6757

4. Licensed Thermal Power (MMt): 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 Occur Above Since Last Report, Give Reasons:

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

11. Reasons for Restrictions, If Any:

 * TURKEY POINT 4 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	699	16	701
2	699	17	704
3	697	18	703
4	695	19	698
5	690	20	694
6	691	21	691
7	695	22	694
8	695	23	693
9	694	24	695
10	694	25	698
11	693	26	704
12	701	27	704
13	704	28	701
14	701	29	695
15	698	30	690
		31	693

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	178,469.0
13. Hours Reactor Critical	744.0	7,441.7	117,280.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	166.6
15. Hrs Generator On-Line	744.0	7,279.7	113,324.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	577.3
17. Gross Therm Ener (MWH)	1,637,791.0	15,485,618.2	239,059,951.2
18. Gross Elec Ener (MWH)	542,820.0	4,995,000.0	76,353,970.0
19. Net Elec Ener (MWH)	518,449.0	4,746,291.0	72,235,232.0
20. Unit Service Factor	100.0	83.1	63.5
21. Unit Avail Factor	100.0	83.1	63.8
22. Unit Cap Factor (MDC Net)	104.6	81.4	61.8
23. Unit Cap Factor (DER Net)	100.6	78.2	58.4
24. Unit Forced Outage Rate	0.0	2.0	11.4
25. Forced Outage Hours	0.0	151.0	14,608.1

26. Shutdowns Sched 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.

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * TURKEY POINT 4 *

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..... LAKSHMINARASIMH RAGHAVAN

 DOCKET NUMBER..... 50-251

 LICENSE & DATE ISSUANCE..... DPR 041, APRIL 10, 1973

1. Docket: 50-271 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: G. A. WALLIN (802) 257-7711

4. Licensed Thermal Power (Mwt): 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. If Changes Occur 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	184,824.0
13. Hours Reactor Critical	587.8	7,021.0	151,217.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	501.3	6,861.0	148,115.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	677,627.5	10,634,605.5	220,705,671.5
18. Gross Elec Ener (MWH)	223,027.0	3,534,224.0	73,519,382.0
19. Net Elec Ener (MWH)	213,760.0	3,372,149.0	69,847,024.0
20. Unit Service Factor	67.4	78.3	79.4
21. Unit Avail Factor	67.4	78.3	79.4
22. Unit Cap Factor (MDC Net)	57.0	76.4	74.3
23. Unit Cap Factor (DER Net)	55.9	74.9	72.9
24. Unit Forced Outage Rate	19.2	4.9	5.4
25. Forced Outage Hours	118.8	352.5	8,517.7

 * VERMONT Yankee *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	517	16	59
2	517	17	27
3	517	18	0
4	517	19	0
5	517	20	33
6	443	21	426
7	0	22	520
8	16	23	520
9	38	24	520
10	0	25	520
11	0	26	519
12	0	27	519
13	0	28	519
14	29	29	519
15	56	30	519
		31	519

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

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.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * VERMONT YANKEE *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-13	12/06/93	S	43.9	B	1		HA	VALVEX	MANUAL SHUTDOWN TO REPAIR "A" MOISTURE SEPARATOR EMERGENCY DRAIN VALVE.
93-14	12/09/93	F	118.8	A	1		HC	HTEXCH	MANUAL SHUTDOWN TO REPLACE EXPANSION JOINT ON THE "A" MAIN CONDENSER DUE TO INCREASED AIR INLEAKAGE.
93-15	12/17/93	S	80.1	A	1		HC	PIPEXX	MANUAL SHUTDOWN TO REPAIR THE CONDENSER EQUALIZING LINE.

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: 50-424 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: G. L. HOOPER (404) 826-4104

4. Licensed Thermal Power (MWt): 3565

5. Nameplate Rating (Gross MWe): 1215

6. Design Electrical Rating (Net MWe): 1151

7. Maximum Dependable Capacity (Gross MWe): 1212

8. Maximum Dependable Capacity (Net MWe): 1158

9. If Changes Occur 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	57,745.0
13. Hours Reactor Critical	744.0	7,673.2	49,875.2
14. Rx Reserve Shtdm Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,578.0	48,872.9
16. Unit Reserve Shtdm Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,646,046.0	26,351,795.0	163,721,198.0
18. Gross Elec Ener (MWH)	915,762.0	9,001,977.0	54,982,962.0
19. Net Elec Ener (MWH)	877,282.0	8,600,327.0	52,241,292.0
20. Unit Service Factor	100.0	86.5	84.6
21. Unit Avail Factor	100.0	86.5	84.6
22. Unit Cap Factor (MDC Net)	101.8	85.7	82.5
23. Unit Cap Factor (DER Net)	102.4	86.2	81.7
24. Unit Forced Outage Rate	0.0	1.2	5.5
25. Forced Outage Hours	0.0	95.4	2,864.2

* VOGTLE 1 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1181	16	1179
2	1179	17	1179
3	1178	18	1177
4	1169	19	1180
5	1176	20	1179
6	1178	21	1179
7	1181	22	1178
8	1180	23	1178
9	1175	24	1181
10	1175	25	1181
11	1180	26	1181
12	1183	27	1179
13	1183	28	1178
14	1180	29	1178
15	1180	30	1182
		31	1183

26. Shutdowns Sched 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 A WEIGHTED AVERAGE. LICENSEE REVISED JULY 1993 GROSS ELECTRIC FROM 842,344.0 TO 841,930.0 AND NET ELECTRIC FROM 805,744.0 TO 805,330.0.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * VOGTLE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

UTILITY & CONTRACTOR INFORMATION

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

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. BONSER
 LICENSING PROJ MANAGER..... DARL S. HOOD
 DOCKET NUMBER..... 50-424
 LICENSE & DATE ISSUANCE..... NPF 068, MARCH 16, 1987

1. Docket: 50-425 OPERATING U S
 2. Reporting Period: DECEMBER 1993 Outage + On-line : 744.0
 3. Utility Contact: G. L. HOOPER (706) 826-4104
 4. Licensed Thermal Power (MWt): 3565
 5. Nameplate Rating (Gross MWe): 1215
 6. Design Electrical Rating (Net MWe): 1151
 7. Maximum Dependable Capacity (Gross MWe): 1211
 8. Maximum Dependable Capacity (Net MWe): 1157
 9. If Changes Occur 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	40,489.0
13. Hours Reactor Critical	744.0	7,794.7	36,040.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,738.9	35,526.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,588,183.0	26,591,150.0	117,079,498.0
18. Gross Elec Ener (MWH)	888,102.0	9,096,761.0	39,682,037.0
19. Net Elec Ener (MWH)	851,682.0	8,680,901.0	37,747,477.0
20. Unit Service Factor	100.0	88.3	87.7
21. Unit Avail Factor	100.0	88.3	87.7
22. Unit Cap Factor (MDC Net)	98.9	87.1	84.0
23. Unit Cap Factor (DER Net)	99.4	87.3	84.1
24. Unit Forced Outage Rate	0.0	0.4	1.5
25. Forced Outage Hours	0.0	29.6	557.9

 * VOGTLE 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1177	16	1178
2	1178	17	1176
3	1134	18	1175
4	397	19	1176
5	985	20	1177
6	1171	21	1176
7	1177	22	1179
8	1177	23	1178
9	1177	24	1179
10	1174	25	1177
11	1177	26	1178
12	1180	27	1174
13	1180	28	1172
14	1179	29	1172
15	1178	30	1178
		31	1174

26. Shutdowns Sched 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 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * VOGTLE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
93-5	12/03/93	S	0.0	B	5		SJ	ZZZZZZ	POWER REDUCTION FOR STEAM GENERATOR HIDEOUT RETURN STUDY AND HEATER DRAIN PUMP LEAK REPAIR.

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

UTILITY & CONTRACTOR INFORMATION

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 28, 1989

DATE INITIAL ELECTRICITY..... APRIL 10, 1989

DATE COMMERCIAL OPERATE..... MAY 20, 1989

CONDENSER COOLING METHOD..... CCCT

CONDENSER COOLING WATER..... SAVANNAH RIVER

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

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. BONSER
 LICENSING PROJ MANAGER..... DARL S. HOOD
 DOCKET NUMBER..... 50-425
 LICENSE & DATE ISSUANCE..... NPF 081, MARCH 31, 1989

1. Docket: 50-397 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: DAVID G. EMBREE (509) 377-8448

4. Licensed Thermal Power (MWt): 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 Occur Above Since Last Report, Give Reasons:

RECALCULATED MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) FOR THE MOST RESTRICTIVE MONTH, DUE TO ENVIRONMENTAL EFFECTS, RETROACTIVE TO JANUARY 1, 1993.

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	79,328.0
13. Hours Reactor Critical	744.0	6,961.5	56,110.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	340.4
15. Hrs Generator On-Line	744.0	6,759.3	54,067.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	381.7
17. Gross Therm Ener (MWH)	2,461,177.0	21,596,656.0	158,761,306.0
18. Gross Elec Ener (MWH)	858,560.0	7,463,120.0	53,312,210.0
19. Net Elec Ener (MWH)	826,914.0	7,134,966.0	51,635,383.0
20. Unit Service Factor	100.0	77.2	68.2
21. Unit Avail Factor	100.0	77.2	68.6
22. Unit Cap Factor (MDC Net)	102.3	75.0	58.9
23. Unit Cap Factor (DER Net)	99.2	72.7	58.5
24. Unit Forced Outage Rate	0.0	8.3	12.7
25. Forced Outage Hours	0.0	612.0	7,885.3

 * WASHINGTON NUCLEAR 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1114	16	1120
2	1111	17	1116
3	1105	18	1120
4	1000	19	1119
5	1119	20	1117
6	1120	21	1117
7	1119	22	1115
8	1115	23	1116
9	1110	24	1116
10	1100	25	1120
11	1112	26	1120
12	1115	27	1119
13	1117	28	1119
14	1116	29	1118
15	1117	30	1118
		31	1048

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

REFUELING OUTAGE, APRIL 15, 1994, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* WASHINGTON NUCLEAR 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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 DATA

 * WASHINGTON NUCLEAR 2 *

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..... 5

IE RESIDENT INSPECTOR..... ROBERT BARR

LICENSING PROJ MANAGER..... JAMES W. CLIFFORD

DOCKET NUMBER..... 50-397

LICENSE & DATE ISSUANCE..... NPT 021, APRIL 13, 1984

1. Docket: 50-3d2 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: E. G. WIEGERT (504) 739-6446

4. Licensed Thermal Power (MWh): 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 Occur 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	72,505.0
13. Hours Reactor Critical	744.0	8,707.0	61,100.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,692.0	60,288.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWh)	2,517,986.0	29,361,424.0	199,028,477.0
18. Gross Elec Ener (MWh)	819,970.0	9,559,310.0	66,420,780.0
19. Net Elec Ener (MWh)	785,799.0	9,138,828.0	63,310,443.0
20. Unit Service Factor	100.0	99.2	83.2
21. Unit Avail Factor	100.0	99.2	83.2
22. Unit Cap Factor (MDC Net)	98.2	97.0	81.2
23. Unit Cap Factor (DER Net)	95.7	94.5	79.1
24. Unit Forced Outage Rate	0.0	0.8	3.5
25. Forced Outage Hours	0.0	68.0	2,178.5

 * WATERFORD 3 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1053	16	1054
2	1033	17	1064
3	1051	18	1063
4	1053	19	1064
5	1051	20	1065
6	1042	21	1064
7	1043	22	1063
8	1050	23	1063
9	1051	24	1063
10	1051	25	1063
11	1053	26	1063
12	1052	27	1064
13	1052	28	1064
14	1052	29	1063
15	1052	30	1062
		31	1062

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

REFUELING OUTAGE, MARCH 4, 1994, 52 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * WATERFORD 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
-----	------	------	-------	--------	--------	------------	--------	-----------	---

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

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... LOUISIANA
 COUNTY..... ST CHARLES

DIST 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

LICENSEE..... LOUISIANA POWER & LIGHT CO.
 CORPORATE ADDRESS..... 317 BARONNE STREET
 NEW ORLEANS, LOUISIANA 70160

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 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: M. WILLIAMS (316) 364-8831

4. Licensed Thermal Power (MWt): 3565

5. Nameplate Rating (Gross MWe): 1236

6. Design Electrical Rating (Net MWe): 1170

7. Maximum Dependable Capacity (Gross MWe): 1181

8. Maximum Dependable Capacity (Net MWe): 1134

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

LICENSED THERMAL POWER WAS RERATED NOVEMBER 20, 1993.

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	73,008.0
13. Hours Reactor Critical	744.0	7,059.8	58,362.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	339.8
15. Hrs Generator On-Line	744.0	7,001.6	57,653.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,557,464.0	23,735,277.0	189,264,413.0
18. Gross Elec Ener (MWH)	889,784.0	8,260,932.0	65,853,549.0
19. Net Elec Ener (MWH)	856,470.0	7,899,543.0	62,845,672.0
20. Unit Service Factor	100.0	79.9	79.0
21. Unit Avail Factor	100.0	79.9	79.0
22. Unit Cap Factor (MDC Net)	101.5	79.5	76.1
23. Unit Cap Factor (DER Net)	98.4	77.1	73.6
24. Unit Forced Outage Rate	0.0	0.0	4.6
25. Forced Outage Hours	0.0	0.0	2,805.8

 * WOLF CREEK *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1145	16	1153
2	1145	17	1126
3	1146	18	1152
4	1146	19	1156
5	1145	20	1156
6	1149	21	1144
7	1152	22	1156
8	1151	23	1154
9	1153	24	1153
10	1148	25	1156
11	1155	26	1157
12	1156	27	1156
13	1155	28	1155
14	1154	29	1156
15	1154	30	1155
		31	1149

26. Shutdowns Sched 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. LICENSEE REVISED NOVEMBER 1993 GROSS THERMAL ENERGY GENERATED FROM 2,435,540.0 TO 2,435,990.0.

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

* WOLF CREEK *

No. Date Type Hours Reason Method LER Number System Component Cause and Corrective Action To Prevent Recurrence



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-1963 and/or
NUREG-0161 Exhibit H

FACILITY DATA

 * WOLF CREEK *

FACILITY DESCRIPTION

UTILITY & CONTRACTOR INFORMATION

LOCATION

STATE..... KANSAS
 COUNTY..... COFFEY

 DIST AND DIRECTION FROM
 NEAREST POPULATION CTR..... 3.5 MI NE OF BURLINGTON, KS

 TYPE OF REACTOR..... PWR
 DATE INITIAL CRITICALITY..... MAY 22, 1985
 DATE INITIAL ELECTRICITY..... JUNE 12, 1985
 DATE COMMERCIAL OPERATE..... SEPTEMBER 03, 1985
 CONDENSER COOLING METHOD..... COOLING LAKE
 CONDENSER COOLING WATER..... WOLF CREEK CLNG LAKE
 ELECTRIC RELIABILITY
 COUNCIL..... SOUTHWEST POWER POOL

UTILITY

LICENSE..... WOLF CREEK NUCLEAR OPER. CORP.
 CORPORATE ADDRESS..... P.O. BOX 411
 BURLINGTON, KANSAS 66839

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL
 NUC STEAM SYS SUPPLIER..... WESTINGHOUSE
 CONSTRUCTOR..... DANIEL INTERNATIONAL
 TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 4
 IE RESIDENT INSPECTOR..... GREGORY PICK
 LICENSING PROJ MANAGER..... WILLIAM D. RECKLEY
 DOCKET NUMBER..... 50-482
 LICENSE & DATE ISSUANCE..... NPF 042, JUNE 04, 1985

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * Z10K 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
	10/21/93	S	744.0	C	4		RC	FUELXX	CONTINUATION OF REFUELING AND SERVICE WATER OUTAGE.

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..... 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
 DOMMER'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..... JIMMY SMITH
 LICENSING PROJ MANAGER..... CLYDE Y. SHIRAKI
 DOCKET NUMBER..... 50-295
 LICENSE & DATE ISSUANCE..... DPR 039, OCTOBER 19, 1973

1. Docket: 50-304 OPERATING STATUS

2. Reporting Period: DECEMBER 1993 Outage + On-line Hrs: 744.0

3. Utility Contact: J. CYGAR (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. If Changes Occur 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	169,057.0
13. Hours Reactor Critical	0.0	5,427.4	119,964.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	226.1
15. Hrs Generator On-Line	0.0	5,427.1	117,006.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MMH)	0.0	16,437,447.0	347,129,787.0
18. Gross Elec Ener (MMH)	0.0	5,513,227.0	111,681,162.0
19. Net Elec Ener (MMH)	0.0	5,292,177.0	106,402,841.0
20. Unit Service Factor	0.0	62.0	69.2
21. Unit Avail Factor	0.0	62.0	69.2
22. Unit Cap Factor (MDC Net)	0.0	58.1	60.5
23. Unit Cap Factor (DER Net)	0.0	58.1	60.5
24. Unit Forced Outage Rate	0.0	0.0	14.8
25. Forced Outage Hours	0.0	0.0	20,369.9

 * ZION 2 *

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-8	16	-2
2	-8	17	-2
3	-8	18	-2
4	-3	19	-2
5	-3	20	-2
6	-3	21	-2
7	-3	22	-2
8	-3	23	-2
9	-3	24	-2
10	-3	25	-2
11	-2	26	-2
12	-2	27	-2
13	-2	28	-2
14	-2	29	-2
15	-2	30	-2
		31	-2

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

27. If Currently Shutdown, Estimated Startup Date: 03/01/94

Notes:

Report Period DECEMBER 1993

UNIT SHUTDOWNS AND POWER REDUCTIONS

 * ZION 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause and Corrective Action To Prevent Recurrence
	10/07/93	S	744.0	F	4				CONTINUATION OF SERVICE WATER OUTAGE.

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 1993

FACILITY DATA

* 2' 2 *

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..... DECEMBER 24, 1973

DATE INITIAL ELECTRICITY..... DECEMBER 26, 1973

DATE COMMERCIAL OPERATE..... SEPTEMBER 17, 1974

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

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..... JIMMY SMITH

LICENSING PROJ MANAGER..... CLYDE Y. SHIRAKI

DOCKET NUMBER..... 50-304

LICENSE & DATE ISSUANCE..... DPR 048, NOVEMBER 14, 1973

BIBLIOGRAPHIC DATA SHEET

(See instructions on the reverse)

1. REPORT NUMBER
(Assigned by NRC, Add Vol.,
Supp., Rev., and Addendum Num-
bers, if any.)

NUREG-0020, Vol.15

2. TITLE AND SUBTITLE

Licensed Operating Reactors
Status Summary Report Data as of 12/31/93

3. DATE REPORT PUBLISHED

MONTH	YEAR
March	1994

4. FIN OR GRANT NUMBER

5. AUTHOR(S)

R. A. Hartfield

6. TYPE OF REPORT

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7. PERIOD COVERED (Inclusive Dates)

1993

8. PERFORMING ORGANIZATION - NAME AND ADDRESS (If NRC, provide Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide name and mailing address.)

Office of Information Resources Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

9. SPONSORING ORGANIZATION - NAME AND ADDRESS (If NRC, type "Same as above"; if contractor, provide NRC Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address.)

Same as above

10. SUPPLEMENTARY NOTES

Status Summary Report

11. ABSTRACT (200 words or less)

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 1993) 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.

12. KEY WORDS/DESCRIPTORS (List words or phrases that will assist researchers in locating the report.)

Licensed Operating Reactors
Commercial Operating Units

13. AVAILABILITY STATEMENT

Unlimited

14. SECURITY CLASSIFICATION

(This Page)

Unclassified

(This Report)

Unclassified

15. NUMBER OF PAGES

16. PRICE



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