NUREG-0020-Vol.16

TI92 010885

Licensed Operating Reactors

Status Summary Report
Data as of 12-31-91

Manuscript Completed: February 1992
Date Published: March 1992

Office of Information Resources Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

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 1991) 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.

TABLE OF CONTENTS

ABSTRACT		iii
INTRODUCTION		vii
ACKNOWLEDGEMENT		ix
GLOSSARY		xi
SECTION 1	CURRENT DATA SUMMARIES	1-1
SECTION 2	OPERATING POWER REACTORS	
	ARKANSAS 1 through ZION 2	2-1 through 2-336

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. 16 is the second 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 also will be 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.

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 or dependable capacity, since some other item of equipment of a lesser rating (e.g., turbine) may limit unit output.

NET ELECTRICAL ENERGY GENERATED

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

OUTAGE

A situation in which no electrical production takes place.

OUTAGE DATE

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

GLOSSARY *(Continued)*

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.

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.

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

LICENSED POWER REACTORS					
		112	IN COMMERCIAL OPERATION.	100,269	CAPACITY MWe (Net) -- Based upon maximum dependable capacity (MDC Net); design electrical rating (DER Net) used if MDC Net not determined.
	(a)	0	IN POWER ASCENSION		
	(b)	112	LICENSED TO OPERATE.	100,269	TOTAL
	(c)	0	LICENSED FOR FUEL LOADING AND LOW POWER TESTING		

(a) MDC Net

(b) Excludes these plants licensed for operation which are shut down indefinitely or permanently.

		DER Net	(c)	DATE	DER Net
1.	DRESDEN 1	200			
2.	HUMBOLDT BAY	65			
3.	THREE MILE ISLAND 2	906			
4.	LACROSSE	50			
5.	FORT ST. VRAIN	330			

POWER GENERATION		REPORT MONTH	YEAR TO DATE	CUMULATIVE
1.	GROSS ELECTRICAL (MWHE)	56,295,458.9	643,414,027.0	6,572,971,523.5
2.	NET ELECTRICAL (MWHE)	53,692,172.9	613,003,076.6	6,251,650,805.1
3.	AVG. UNIT SERVICE FACTOR (%)	74.1	73.6	70.4
4.	AVG. UNIT AVAILABILITY FACTOR (%)	74.1	73.6	70.5
5.	AVG. UNIT CAPACITY FACTOR (MDC) (%)	72.2	70.2	64.6
6.	AVG. UNIT CAPACITY FACTOR (DER) (%)	70.6	68.6	63.1
7.	AVG. FORCED OUTAGE RATE (%)	13.8	11.0	12.6

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 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	149,323.0
13. Hours Reactor Critical	744.0	8,149.8	105,861.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,044.0
15. Hrs Generator On-Line	744.0	7,994.1	103,732.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	817.5
17. Gross Therm Ener (MWH)	1,909,486.0	20,125,321.0	235,181,438.0
18. Gross Elec Ener (MWH)	658,210.0	6,854,845.0	78,278,540.0
19. Net Elec Ener (MWH)	631,400.0	6,540,513.0	74,375,248.0
20. Unit Service Factor	100.0	91.3	69.5
21. Unit Avail Factor	100.0	91.3	70.0
22. Unit Cap Factor (MDC Net)	101.5	89.3	59.6
23. Unit Cap Factor (DER Net)	99.8	87.8	58.6
24. Unit Forced Outage Rate	0.0	3.5	12.5
25. Forced Outage Hours	0.0	293.4	14,817.5

****
* ARKANSAS 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	851	16	849
2	848	17	848
3	850	18	848
4	850	19	848
5	850	20	847
6	850	21	848
7	850	22	849
8	850	23	848
9	850	24	848
10	850	25	848
11	849	26	848
12	849	27	848
13	849	28	848
14	849	29	847
15	849	30	847
		31	847

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

REFUELING OUTAGE, FEBRUARY 29, 1992, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* ARKANSAS 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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..... ROBERT M. LATTA

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

DOCKET NUMBER..... 50-313

LICENSE & DATE ISSUANCE..... DPR 051, MAY 21, 1974

1. Docket: 50-368 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	103,152.0
13. Hours Reactor Critical	744.0	7,341.1	77,951.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,430.1
15. Hrs Generator On-Line	744.0	7,188.8	76,182.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	75.0
17. Gross Therm Ener (MWH)	2,071,951.0	19,440,267.0	200,259,108.0
18. Gross Elec Ener (MWH)	688,985.0	6,423,585.0	65,852,831.0
19. Net Elec Ener (MWH)	658,883.0	6,121,275.0	62,627,813.0
20. Unit Service Factor	100.0	82.1	73.9
21. Unit Avail Factor	100.0	82.1	73.9
22. Unit Cap Factor (MDC Net)	103.2	81.4	70.8
23. Unit Cap Factor (DER Net)	97.1	76.6	66.6
24. Unit Forced Outage Rate	0.0	2.6	11.8
25. Forced Outage Hours	0.0	192.1	10,195.1

****
* ARKANSAS 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	706	16	894
2	836	17	893
3	893	18	895
4	896	19	895
5	895	20	894
6	894	21	894
7	892	22	893
8	888	23	893
9	892	24	895
10	894	25	896
11	892	26	895
12	887	27	894
13	891	28	894
14	894	29	895
15	895	30	895
		31	895

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ARKANSAS 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-13	12/01/91	S	0.0	H	5				POWER REDUCTION PER SYSTEM DISPATCHER.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* ARKANSAS 2 *
****

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 ELEC ENER 1ST GENER..... 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..... ROBERT M. LATTA

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

DOCKET NUMBER..... 50-368

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

1. Docket: 50-334 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: DAVID T. JONES (412) 393-7621

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	137,352.0
13. Hours Reactor Critical	744.0	5,029.2	85,323.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	4,482.8
15. Hrs Generator On-Line	744.0	4,886.2	83,431.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,967,980.0	12,223,729.0	198,512,176.5
18. Gross Elec Ener (MWH)	652,030.0	3,965,674.0	63,798,403.0
19. Net Elec Ener (MWH)	616,450.0	3,703,350.0	59,567,550.0
20. Unit Service Factor	100.0	55.8	62.8
21. Unit Avail Factor	100.0	55.8	62.8
22. Unit Cap Factor (MDC Net)	102.3	52.2	56.3
23. Unit Cap Factor (DER Net)	99.2	50.6	54.6
24. Unit Forced Outage Rate	0.0	22.9	16.7
25. Forced Outage Hours	0.0	1452.2	16,232.8

****
* BEAVER VALLEY 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	793	16	825
2	825	17	833
3	813	18	833
4	829	19	833
5	821	20	829
6	825	21	829
7	821	22	833
8	838	23	825
9	825	24	833
10	842	25	833
11	829	26	833
12	833	27	838
13	825	28	829
14	825	29	829
15	838	30	833
		31	833

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 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BEAVER VALLEY 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* BEAVER VALLEY 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... BEAVER

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

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MAY 10, 1976

DATE ELEC ENER 1ST GENER..... JUNE 14, 1976

DATE COMMERCIAL OPERATE..... OCTOBER 01, 1976

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... OHIO RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... DUQUESNE LIGHT CO.

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

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... JAMES EDWARD BEALL

LICENSING PROJ MANAGER..... ALBERT W. DEAGAZIO

DOCKET NUMBER..... 50-334

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

1. Docket: 50-412 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: DAVID T. JONES (412) 393-7621

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	36,135.0
13. Hours Reactor Critical	744.0	8,732.9	31,080.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,720.2	30,882.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,636,047.0	22,232,131.0	75,359,747.4
18. Gross Elec Ener (MWH)	525,760.0	7,137,781.0	24,174,581.0
19. Net Elec Ener (MWH)	495,344.0	6,762,161.0	22,805,485.0
20. Unit Service Factor	100.0	99.5	85.5
21. Unit Avail Factor	100.0	99.5	85.5
22. Unit Cap Factor (MDC Net)	81.2	94.1	76.2
23. Unit Cap Factor (DER Net)	79.6	92.3	75.5
24. Unit Forced Outage Rate	0.0	0.5	3.9
25. Forced Outage Hours	0.0	39.8	1,261.0

****
* BEAVER VALLEY 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	339	16	816
2	690	17	814
3	811	18	816
4	813	19	815
5	816	20	812
6	798	21	809
7	335	22	810
8	631	23	807
9	817	24	812
10	819	25	243
11	817	26	170
12	814	27	175
13	812	28	165
14	816	29	171
15	817	30	638
		31	817

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

THIRD REFUELING OUTAGE, MARCH 13, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BEAVER VALLEY 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
16	12/06/91	S	0.0	H	5		ZZ	ZZZZZZ	UNIT OPERATED AT 45% OUTPUT TO LOAD FOLLOW.
17	12/25/91	S	0.0	H	5		ZZ	ZZZZZZ	UNIT OPERATED AT 28% OUTPUT TO LOAD FOLLOW.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BEAVER VALLEY 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... BEAVER

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

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... AUGUST 04, 1987

DATE ELEC ENER 1ST GENER..... AUGUST 17, 1987

DATE COMMERCIAL OPERATE..... NOVEMBER 17, 1987

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... OHIO RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... DUQUESNE LIGHT CO.

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

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... JAMES EDWARD BEALL

LICENSING PROJ MANAGER..... ALBERT W. DEAGAZIO

DOCKET NUMBER..... 50-412

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

1. Docket: 50-155 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	252,115.0
13. Hours Reactor Critical	0.0	7,460.5	183,366.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	7,437.5	180,445.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	1,632,711.0	34,597,838.0
18. Gross Elec Ener (MWH)	0.0	518,020.0	10,984,666.0
19. Net Elec Ener (MWH)	0.0	491,702.9	10,391,757.6
20. Unit Service Factor	0.0	84.9	71.6
21. Unit Avail Factor	0.0	84.9	71.6
22. Unit Cap Factor (MDC Net)	0.0	83.8	61.2
23. Unit Cap Factor (DER Net)	0.0	78.0	57.2
24. Unit Forced Outage Rate	0.0	6.9	11.9
25. Forced Outage Hours	0.0	554.0	15,309.9

****
* BIG ROCK POINT *
****

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) CALCULATED WITH A WEIGHTED AVERAGE. CUMULATIVE FORCED OUTAGE RATE CALCULATED COMMENCING JANUARY 1, 1974.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BIG ROCK POINT *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-08	11/29/91	S	744.0	C	4		RC	FUELXX	NORMAL REFUELING OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BIG ROCK POINT *
****

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 ELEC ENER 1ST GENER..... DECEMBER 08, 1962

DATE COMMERCIAL OPERATE..... MARCH 29, 1963

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE MICHIGAN

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... CONSUMERS POWER CO.

CORPORATE ADDRESS..... 212 WEST MICHIGAN AVENUE
JACKSON, MICHIGAN 49201

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... ELDEN A. PLETTNER

LICENSING PROJ MANAGER..... ROBERT J. STRANSKY, JR.

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 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C. E. PERSHEY (815) 458-2801 EXT. 2173

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	30,009.0
13. Hours Reactor Critical	744.0	5,352.9	22,280.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,201.1	21,832.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,409,575.0	15,331,446.0	64,984,516.0
18. Gross Elec Ener (MWH)	829,610.0	5,241,551.0	22,322,192.0
19. Net Elec Ener (MWH)	798,410.0	4,980,168.0	21,301,924.0
20. Unit Service Factor	100.0	59.4	72.8
21. Unit Avail Factor	100.0	59.4	72.8
22. Unit Cap Factor (MDC Net)	95.8	50.8	63.4
23. Unit Cap Factor (DER Net)	95.8	50.8	63.4
24. Unit Forced Outage Rate	0.0	24.3	12.6
25. Forced Outage Hours	0.0	1672.8	3,151.8

****
* BRAIDWOOD 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1090	16	1116
2	1102	17	1120
3	1111	18	1110
4	1109	19	1101
5	1099	20	1094
6	1102	21	1062
7	1084	22	1054
8	980	23	1072
9	1033	24	1031
10	1124	25	877
11	1121	26	997
12	1111	27	1053
13	1070	28	1019
14	1083	29	1043
15	1096	30	1082
		31	1107

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BRAIDWOOD 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

BRAIDWOOD 1

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..... MAY 29, 1987

DATE ELEC ENER 1ST GENER..... 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 & 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..... THOMAS M. TONGUE

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

DOCKET NUMBER..... 50-456

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

1. Docket: 50-457 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C. E. PERSHEY (815) 458-2801 EXT. 2173

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	28,091.0
13. Hours Reactor Critical	712.7	6,727.1	22,766.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	707.4	6,628.8	22,540.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,015,229.0	20,045,523.0	65,355,551.0
18. Gross Elec Ener (MWH)	694,100.0	6,822,667.0	22,357,440.0
19. Net Elec Ener (MWH)	665,366.0	6,535,415.0	21,362,895.0
20. Unit Service Factor	95.1	75.7	80.2
21. Unit Avail Factor	95.1	75.7	80.2
22. Unit Cap Factor (MDC Net)	79.8	66.6	67.9
23. Unit Cap Factor (DER Net)	79.8	66.6	67.9
24. Unit Forced Outage Rate	4.9	4.8	4.0
25. Forced Outage Hours	36.6	334.2	947.8

****
* BRAIDWOOD 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	385	16	1117
2	-15	17	1115
3	244	18	1094
4	533	19	1113
5	535	20	1096
6	540	21	1072
7	522	22	1069
8	692	23	1078
9	848	24	1039
10	893	25	1025
11	1108	26	1073
12	1117	27	1036
13	1118	28	1058
14	1114	29	858
15	1116	30	1016
		31	1099

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BRAIDWOOD 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
10	12/01/91	F	36.6	A	3	91006	TB	59	ACTUATION OF THE MAIN GENERATOR NEUTRAL GROUND OVERCURRENT BACKUP RELAY CAUSING A GENERATOR TRIP. TROUBLESHOOTING FOUND ALL POSSIBLE CAUSES OF THE ACTUATION TO BE OPERATING PROPERLY. POTENTIAL TRANSFORMER FUSES WERE REPLACED.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BRAIDWOOD 2 *
****

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 ELEC ENER 1ST GENER..... 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
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..... THOMAS M. TONGUE

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

DOCKET NUMBER..... 50-457

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

1. Docket: 50-259 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. A. RATLIFF (205) 729-2937

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:

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	152,744.0
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)	(2,104.0)	(25,980.0)	53,535,490.0
20. Unit Service Factor	0.0	0.0	38.1
21. Unit Avail Factor	0.0	0.0	38.1
22. Unit Cap Factor (MDC Net)	0.0	0.0	32.9
23. Unit Cap Factor (DER Net)	0.0	0.0	32.9
24. Unit Forced Outage Rate	100.0	100.0	56.5
25. Forced Outage Hours	744.0	8760.0	75,764.0

****
* 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:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BROWNS FERRY 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
315	06/01/85	F	744.0	F	4				ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BROWNS FERRY 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... ALABAMA

COUNTY..... LIMESTONE

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

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... AUGUST 17, 1973

DATE ELEC ENER 1ST GENER..... OCTOBER 15, 1973

DATE COMMERCIAL OPERATE..... AUGUST 01, 1974

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... TENNESSEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... TENNESSEE VALLEY AUTHORITY

CORPORATE ADDRESS..... 400 WEST SUMMIT HILL DRIVE
KNOXVILLE, TENNESSEE 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..... DANNY R. CARPENTER

LICENSING PROJ MANAGER..... JOSEPH F. WILLIAMS

DOCKET NUMBER..... 50-259

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

1. Docket: 50-260 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. A. RATLIFF (205) 729-2937

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:

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	147,631.0
13. Hours Reactor Critical	701.3	4,646.3	60,506.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	14,200.0
15. Hrs Generator On-Line	696.1	4,128.5	58,466.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,145,488.7	11,830,688.4	165,075,855.4
18. Gross Elec Ener (MWH)	733,340.0	3,898,010.0	54,669,808.0
19. Net Elec Ener (MWH)	715,130.0	3,759,138.0	52,810,259.0
20. Unit Service Factor	93.6	47.1	39.6
21. Unit Avail Factor	93.6	47.1	39.6
22. Unit Cap Factor (MDC Net)	90.3	40.3	33.6
23. Unit Cap Factor (DER Net)	90.3	40.3	33.6
24. Unit Forced Outage Rate	6.4	51.5	53.5
25. Forced Outage Hours	47.9	4377.6	67,296.6

****
* BROWNS FERRY 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1093	16	1090
2	1110	17	1095
3	1078	18	1095
4	1056	19	1098
5	1102	20	1102
6	1018	21	1084
7	676	22	1093
8	803	23	1098
9	0	24	1100
10	0	25	1093
11	588	26	1095
12	-860	27	1101
13	915	28	1091
14	898	29	1096
15	1094	30	1095
		31	1106

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BROWNS FERRY 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
13	12/06/91	S	0.0	B	5				REDUCED LOAD TO 53% POWER TO REMOVE "A" HIGH PRESSURE FEEDWATER HEATER STRING FOR MAINTENANCE.
14	12/08/91	F	47.9	A	3				FAILED FUSE IN GENERATOR PROTECTION SYSTEM.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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..... DANNY R. CARPENTER

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

DOCKET NUMBER..... 50-260

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

1. Docket: 50-296 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. A. RATLIFF (205) 729-2937

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:

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	130,056.0
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)	(1,629.0)	(19,727.0)	41,952,809.0
20. Unit Service Factor	0.0	0.0	34.0
21. Unit Avail Factor	0.0	0.0	34.0
22. Unit Cap Factor (MDC Net)	0.0	0.0	30.3
23. Unit Cap Factor (DER Net)	0.0	0.0	30.3
24. Unit Forced Outage Rate	100.0	100.0	61.0
25. Forced Outage Hours	744.0	8760.0	69,156.0

****
* 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

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BROWNS FERRY 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
157	03/03/85	F	744.0	F	4				ADMINISTRATIVE HOLD TO RESOLVE VARIOUS TVA AND NRC CONCERNS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... SEPTEMBER 12, 1976

DATE COMMERCIAL OPERATE..... MARCH 01, 1977

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... TENNESSEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... TENNESSEE VALLEY AUTHORITY

CORPORATE ADDRESS..... 400 WEST SUMMIT HILL DRIVE KNOXVILLE, TENNESSEE 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..... DANNY R. CARPENTER

LICENSING PROJ MANAGER..... JOSEPH F. WILLIAMS

DOCKET NUMBER..... 50-296

LICENSE & DATE ISSUANCE..... DPR 068, AUGUST 18, 1976

1. Docket: 50-325 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	129,648.0
13. Hours Reactor Critical	744.0	6,061.3	85,363.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,647.1
15. Hrs Generator On-Line	744.0	5,850.8	81,714.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,807,718.6	13,927,592.1	177,125,235.3
18. Gross Elec Ener (MWH)	597,299.0	4,550,005.0	58,083,480.0
19. Net Elec Ener (MWH)	580,182.0	4,390,936.0	55,893,330.0
20. Unit Service Factor	100.0	66.8	63.0
21. Unit Avail Factor	100.0	66.8	63.0
22. Unit Cap Factor (MDC Net)	101.7	65.4	54.7
23. Unit Cap Factor (DER Net)	95.0	61.1	52.5
24. Unit Forced Outage Rate	0.0	20.9	15.5
25. Forced Outage Hours	0.0	1541.7	14,968.1

****
* BRUNSWICK 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	779	16	781
2	780	17	781
3	778	18	781
4	780	19	781
5	781	20	781
6	780	21	781
7	781	22	780
8	762	23	781
9	781	24	781
10	780	25	781
11	782	26	779
12	781	27	781
13	781	28	780
14	780	29	778
15	779	30	780
		31	781

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BRUNSWICK 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* BRUNSWICK 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NORTH CAROLINA

COUNTY..... BRUNSWICK

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

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... OCTOBER 08, 1976

DATE ELEC ENER 1ST GENER..... DECEMBER 04, 1976

DATE COMMERCIAL OPERATE..... MARCH 18, 1977

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... CAPE FEAR RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BROWN & ROOT

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... WILLIAM H. RULAND

LICENSING PROJ MANAGER..... NGOC B. LE

DOCKET NUMBER..... 50-325

LICENSE & DATE ISSUANCE..... DPR 071, NOVEMBER 12, 1976

1. Docket: 50-324 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	141,672.0
13. Hours Reactor Critical	198.3	5,236.2	89,713.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	4,961.2	84,953.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	11,807,949.7	179,930,699.7
18. Gross Elec Ener (MWH)	0.0	3,796,955.0	58,184,094.0
19. Net Elec Ener (MWH)	(8,870.0)	3,641,166.0	55,790,472.0
20. Unit Service Factor	0.0	56.6	60.0
21. Unit Avail Factor	0.0	56.6	60.0
22. Unit Cap Factor (MDC Net)	0.0	55.1	50.0
23. Unit Cap Factor (DER Net)	0.0	50.6	48.0
24. Unit Forced Outage Rate	0.0	18.6	13.3
25. Forced Outage Hours	0.0	1133.2	13,064.6

****
* BRUNSWICK 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

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

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

27. If Currently Shutdown, Estimated Startup Date: 01/03/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BRUNSWICK 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-048	09/11/91	S	744.0	C	4				REFUELING/MAINTENANCE OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* BRUNSWICK 2 *
****

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 ELEC ENER 1ST GENER..... APRIL 29, 1975

DATE COMMERCIAL OPERATE..... NOVEMBER 03, 1975

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... CAPE FEAR RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BROWN & ROOT

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... WILLIAM H. RULAND

LICENSING PROJ MANAGER..... NGOC B. LE

DOCKET NUMBER..... 50-324

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

1. Docket: 50-454 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. EHLE (815) 234-5441 EXT. 2263

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):

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	55,153.0
13. Hours Reactor Critical	744.0	7,242.7	44,926.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	38.0
15. Hrs Generator On-Line	744.0	7,148.3	44,303.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,400,177.0	19,930,976.0	132,803,580.0
18. Gross Elec Ener (MWH)	815,562.0	6,692,169.0	44,773,249.0
19. Net Elec Ener (MWH)	777,885.0	6,307,232.0	42,219,497.0
20. Unit Service Factor	100.0	81.6	80.3
21. Unit Avail Factor	100.0	81.6	80.3
22. Unit Cap Factor (MDC Net)	94.6	65.2	69.3
23. Unit Cap Factor (DER Net)	93.4	64.3	68.3
24. Unit Forced Outage Rate	0.0	1.1	2.9
25. Forced Outage Hours	0.0	76.1	1,342.5

****
* BYRON 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1064	16	1058
2	1070	17	1050
3	1068	18	1083
4	1045	19	1078
5	1077	20	1069
6	1083	21	1050
7	1031	22	1059
8	942	23	1040
9	1059	24	1063
10	1043	25	1022
11	1011	26	1045
12	1013	27	1102
13	970	28	1094
14	1019	29	1033
15	992	30	1003
		31	1061

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BYRON 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BYRON 1 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... COMMONWEALTH EDISON

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... WAYNE J. KROPP

LICENSING PROJ MANAGER..... ANTHONY H. HSIA

DOCKET NUMBER..... 50-454

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

1. Docket: 50-455 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. EHLE (815) 234-5441 EXT. 2263

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):

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	38,257.0
13. Hours Reactor Critical	744.0	8,502.0	33,234.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,490.5	32,775.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,455,371.0	27,207,328.0	91,518,721.0
18. Gross Elec Ener (MWH)	833,346.0	9,218,674.0	30,956,769.0
19. Net Elec Ener (MWH)	795,507.0	8,772,679.0	29,177,008.0
20. Unit Service Factor	100.0	96.9	85.7
21. Unit Avail Factor	100.0	96.9	85.7
22. Unit Cap Factor (MDC Net)	96.8	90.6	69.0
23. Unit Cap Factor (DER Net)	95.5	89.4	68.1
24. Unit Forced Outage Rate	0.0	3.1	3.4
25. Forced Outage Hours	0.0	269.5	1,155.9

****
* BYRON 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1005	16	1067
2	1072	17	1058
3	1079	18	1082
4	1088	19	1081
5	1057	20	1067
6	1058	21	1056
7	1043	22	1066
8	982	23	1077
9	1025	24	1105
10	1098	25	1106
11	1100	26	1103
12	1008	27	1106
13	1037	28	1108
14	1015	29	1107
15	1060	30	1108
		31	1108

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

THIRD REFUELING OUTAGE.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* BYRON 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* BYRON 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... ILLINOIS

COUNTY..... OGLE

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

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JANUARY 09, 1987

DATE ELEC ENER 1ST GENER..... FEBRUARY 06, 1987

DATE COMMERCIAL OPERATE..... AUGUST 21, 1987

CONDENSER COOLING METHOD..... CCHNDCT

CONDENSER COOLING WATER..... ROCK RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... COMMONWEALTH EDISON CO.

CORPORATE ADDRESS..... 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..... WAYNE J. KROPP

LICENSING PROJ MANAGER..... ANTHONY H. HSIA

DOCKET NUMBER..... 50-455

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

1. Docket: 50-483 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. J. MCCANN (314) 676-8243

4. Licensed Thermal Power (MWt): 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): 1125

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	61,622.0
13. Hours Reactor Critical	744.0	8,734.1	54,079.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,726.2	52,849.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,602,283.0	30,375,268.0	176,262,863.0
18. Gross Elec Ener (MWH)	909,766.0	10,451,583.0	60,063,164.0
19. Net Elec Ener (MWH)	869,503.0	9,979,371.0	57,079,548.0
20. Unit Service Factor	100.0	99.6	85.8
21. Unit Avail Factor	100.0	99.6	85.8
22. Unit Cap Factor (MDC Net)	103.9	101.3	82.3
23. Unit Cap Factor (DER Net)	99.8	97.3	79.1
24. Unit Forced Outage Rate	0.0	0.4	3.0
25. Forced Outage Hours	0.0	33.8	1,632.8

****
* CALLAWAY *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1160	16	1165
2	1178	17	1157
3	1180	18	1180
4	1175	19	1165
5	1171	20	1178
6	1112	21	1179
7	1161	22	1174
8	1125	23	1174
9	1141	24	1178
10	1173	25	1176
11	1171	26	1176
12	1166	27	1175
13	1174	28	1174
14	1178	29	1177
15	1178	30	1177
		31	1179

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

REFUELING OUTAGE, MARCH 20, 1992, 63 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CALLAWAY *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
18	12/06/91	F	0.0	D	5				LOAD WAS REDUCED TO 50% DUE TO COMMENCING A SHUTDOWN PER TECHNICAL SPECIFICATION 3.1.1.3.B FOR MODERATOR TEMPERATURE COEFFICIENT CONCERNS (I.E., MTC MORE NEGATIVE THAN EOL LIMIT). DISCUSSIONS WITH THE NRC AND WESTINGHOUSE RESULTED IN A TEMPORARY WAIVER.
19	12/07/91	S	0.0	B	5				LOAD WAS REDUCED TO 96% TO PERFORM A MODERATOR TEMPERATURE COEFFICIENT MEASUREMENT TEST.
20	12/16/91	S	0.0	B	5				LOAD WAS REDUCED TO 96% TO PERFORM A MODERATOR TEMPERATURE COEFFICIENT MEASUREMENT TEST ON 12/17/91.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* CALLAWAY *
****

FACILITY DESCRIPTION

LOCATION

STATE..... MISSOURI

COUNTY..... CALLAWAY

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

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... OCTOBER 01, 1984

DATE ELEC ENER 1ST GENER..... OCTOBER 24, 1984

DATE COMMERCIAL OPERATE..... DECEMBER 19, 1984

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... MISSOURI RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... UNION ELECTRIC CO.

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

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... DANIEL INTERNATIONAL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... BRUCE H. LITTLE

LICENSING PROJ MANAGER..... JAMES RANDALL HALL

DOCKET NUMBER..... 50-483

LICENSE & DATE ISSUANCE..... NPF 030, OCTOBER 18, 1984

1. Docket: 50-317 OPERATING STATUS

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: LEO SHANLEY (301) 260-6744

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): 860

8. Maximum Dependable Capacity (Net MWe): 825

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	145,957.0
13. Hours Reactor Critical	554.5	6,687.0	103,299.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,019.4
15. Hrs Generator On-Line	546.6	6,640.6	101,050.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,399,106.0	17,305,793.0	254,336,507.0
18. Gross Elec Ener (MWH)	460,512.0	5,704,921.0	84,535,688.0
19. Net Elec Ener (MWH)	440,891.0	5,465,328.0	80,355,505.0
20. Unit Service Factor	73.5	75.8	69.2
21. Unit Avail Factor	73.5	75.8	69.2
22. Unit Cap Factor (MDC Net)	71.8	75.6	66.7
23. Unit Cap Factor (DER Net)	70.1	73.8	65.2
24. Unit Forced Outage Rate	26.5	11.8	9.5
25. Forced Outage Hours	197.4	891.6	10,629.8

****
* CALVERT CLIFFS 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	856	16	856
2	855	17	856
3	855	18	855
4	855	19	855
5	855	20	855
6	854	21	523
7	854	22	0
8	855	23	0
9	856	24	0
10	855	25	0
11	855	26	0
12	855	27	0
13	855	28	0
14	804	29	0
15	814	30	221
		31	717

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

REFUEL/TEST, MARCH 6, 1992, 77 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CALVERT CLIFFS 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-09	12/21/91	S	0.0	B	5		SF	VALVEX	REDUCED POWER (60%) TO ALLOW FOR LEAK CHECK AND FLUSH OF SI-245 (12B SIT OUTLET CHECK VALVE) DUE TO EXCESSIVE BACK LEAKAGE.
91-10	12/21/91	F	197.4	A	1		SF	VALVEX	SHUTDOWN TO REPAIR SI-245 FOLLOWING UNSUCCESSFUL ATTEMPTS TO REDUCE LEAKAGE. REPLACED DISK O-RING. EVALUATING REPLACEMENT OF VALVE DURING NEXT SCHEDULED OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* CALVERT CLIFFS 1 *
****

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 ELEC ENER 1ST GENER..... DECEMBER 30, 1974

DATE COMMERCIAL OPERATE..... MAY 08, 1975

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... CHESAPEAKE BAY

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

CORPORATE ADDRESS..... P.O. BOX 1475
BALTIMORE, MARYLAND 21203

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... LARRY NICHOLSON

LICENSING PROJ MANAGER..... DANIEL G. MCDONALD, JR.

DOCKET NUMBER..... 50-317

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

1. Docket: 50-318 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: LEO SHANLEY (301) 260-6744

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): 860

8. Maximum Dependable Capacity (Net MWe): 825

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	129,312.0
13. Hours Reactor Critical	744.0	4,651.0	92,040.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,296.6
15. Hrs Generator On-Line	744.0	4,517.3	90,722.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,013,806.0	11,749,888.0	230,139,306.0
18. Gross Elec Ener (MWH)	666,838.0	3,799,749.0	76,084,381.0
19. Net Elec Ener (MWH)	640,308.0	3,635,577.0	72,678,148.0
20. Unit Service Factor	100.0	51.6	70.2
21. Unit Avail Factor	100.0	51.6	70.2
22. Unit Cap Factor (MDC Net)	104.3	50.3	68.1
23. Unit Cap Factor (DER Net)	101.8	49.1	66.5
24. Unit Forced Outage Rate	0.0	9.5	5.5
25. Forced Outage Hours	0.0	472.9	5,310.5

****
* CALVERT CLIFFS 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	863	16	862
2	861	17	860
3	858	18	861
4	859	19	861
5	861	20	862
6	861	21	861
7	862	22	859
8	862	23	859
9	864	24	860
10	862	25	860
11	860	26	859
12	862	27	859
13	861	28	859
14	862	29	859
15	863	30	858
		31	860

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CALVERT CLIFFS 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* CALVERT CLIFFS 2 *
****

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 ELEC ENER 1ST GENER..... 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..... LARRY NICHOLSON

LICENSING PROJ MANAGER..... DANIEL G. MCDONALD, JR.

DOCKET NUMBER..... 50-318

LICENSE & DATE ISSUANCE..... DPR 069, NOVEMBER 30, 1976

1. Docket: 50-413 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	57,049.0
13. Hours Reactor Critical	744.0	6,372.7	42,390.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,231.1	41,396.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,527,212.0	20,184,661.0	133,486,305.0
18. Gross Elec Ener (MWH)	893,170.0	7,104,920.0	46,869,404.0
19. Net Elec Ener (MWH)	847,090.0	6,667,465.0	43,933,694.0
20. Unit Service Factor	100.0	71.1	72.6
21. Unit Avail Factor	100.0	71.1	72.6
22. Unit Cap Factor (MDC Net)	100.8	67.4	67.8
23. Unit Cap Factor (DER Net)	99.4	66.5	67.3
24. Unit Forced Outage Rate	0.0	4.1	11.5
25. Forced Outage Hours	0.0	264.7	5,374.0

****
* CATAWBA 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1125	16	1146
2	1118	17	1143
3	1131	18	1140
4	1143	19	1142
5	1143	20	1143
6	1142	21	1140
7	1141	22	1138
8	1139	23	1137
9	1132	24	1140
10	1131	25	1142
11	1140	26	1144
12	1139	27	1145
13	1135	28	1122
14	1134	29	1146
15	1146	30	1145
		31	1145

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

REFUELING OUTAGE, JUNE 25, 1992, 65 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CATAWBA 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* CATAWBA 1 *
****

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 ELEC ENER 1ST GENER..... 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..... WILLIAM T. ORDERS

LICENSING PROJ MANAGER..... ROBERT E. MARTIN

DOCKET NUMBER..... 50-413

LICENSE & DATE ISSUANCE..... NPF 035, JANUARY 17, 1985

1. Docket: 50-414 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	47,065.0
13. Hours Reactor Critical	234.9	6,699.6	34,297.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	200.0	6,622.3	33,563.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	488,747.0	21,757,097.0	105,126,177.0
18. Gross Elec Ener (MWH)	169,212.0	7,712,480.0	37,175,905.0
19. Net Elec Ener (MWH)	146,759.0	7,271,256.0	34,853,869.0
20. Unit Service Factor	26.9	75.6	71.3
21. Unit Avail Factor	26.9	75.6	71.3
22. Unit Cap Factor (MDC Net)	17.5	73.5	65.4
23. Unit Cap Factor (DER Net)	17.2	72.5	64.7
24. Unit Forced Outage Rate	14.6	6.6	13.1
25. Forced Outage Hours	34.3	470.8	5,068.1

****
* CATAWBA 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	218
10	0	25	480
11	0	26	683
12	0	27	731
13	0	28	1009
14	0	29	1142
15	0	30	1159
		31	1158

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CATAWBA 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
8	10/18/91	S	507.6	C	4		RC	FUELXX	END-OF-CYCLE "4" REFUELING OUTAGE.
9	12/22/91	F	34.3	A	9		HH	VALVEX	LEAKING AUXILIARY FEEDWATER VALVE.
10	12/23/91	S	2.2	B	3		HA	TURBIN	TURBINE OVERSPEED TRIP TEST.
14-P	12/24/91	S	0.0	B	9		RC	FUELXX	CORE FLUX MAPPING.
15-P	12/25/91	S	0.0	B	9		HH	INSTRU	TURBINE/FEEDWATER CONTROL TESTING.
16-P	12/25/91	F	0.0	A	9		HH	TURBIN	"2A" FEEDWATER PUMP TURBINE PROBLEMS.
17-P	12/26/91	F	0.0	A	9		HH	INSTRU	LOSS OF FEEDWATER PUMP TURBINE DUE TO LOSS OF DC CONTROL POWER.
18-P	12/27/91	F	0.0	A	9		HH	INSTRU	HOLD DUE TO TURBINE RUNBACK ALARM.
19-P	12/27/91	S	0.0	B	9		RC	FUELXX	CORE FLUX MAPPING.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* CATAWBA 2 *
****

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..... MAY 08, 1986

DATE ELEC ENER 1ST GENER..... MAY 18, 1986

DATE COMMERCIAL OPERATE..... AUGUST 19, 1986

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..... WILLIAM T. ORDERS

LICENSING PROJ MANAGER..... ROBERT E. MARTIN

DOCKET NUMBER..... 50-414

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

1. Docket: 50-461 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: F. A. SPANGENBERG, III (217) 935-8881 EXT. 3400

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	35,962.0
13. Hours Reactor Critical	642.1	7,079.5	24,448.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	632.6	6,928.9	23,629.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,743,627.0	19,161,824.0	60,758,733.0
18. Gross Elec Ener (MWH)	582,826.0	6,331,006.0	20,077,090.0
19. Net Elec Ener (MWH)	556,859.0	6,048,006.0	19,051,377.0
20. Unit Service Factor	85.0	79.1	65.7
21. Unit Avail Factor	85.0	79.1	65.7
22. Unit Cap Factor (MDC Net)	80.5	74.2	57.0
23. Unit Cap Factor (DER Net)	80.2	74.0	56.8
24. Unit Forced Outage Rate	15.0	5.5	14.0
25. Forced Outage Hours	111.4	404.4	3,837.1

****
* CLINTON 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	917	16	928
2	929	17	926
3	929	18	880
4	928	19	878
5	929	20	880
6	929	21	882
7	930	22	112
8	896	23	0
9	929	24	0
10	931	25	0
11	929	26	3
12	930	27	399
13	932	28	730
14	929	29	921
15	922	30	922
		31	920

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

REFUELING OUTAGE, MARCH 1, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CLINTON 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-06	12/22/91	F	111.4	A	2	91008			THE "B" REACTOR RECIRCULATION FLOW CONTROL VALVE (FCV) POSITION FEEDBACK LOGIC LOOP FAILED, RESULTING IN A DECREASE IN REACTOR CORE FLOW. MANUAL REACTOR SCRAM WAS INSERTED AS REQUIRED BY PROCEDURE.

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

F A C I L I T Y D A T A

****
* CLINTON 1 *
****

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 ELEC ENER 1ST GENER..... 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

NUC 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..... ANTHONY T. GODY, JR.

DOCKET NUMBER..... 50-461

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

1. Docket: 50-445 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. W. THATCHER (817) 897-8223

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	12,137.0
13. Hours Reactor Critical	581.9	5,488.8	8,415.2
14. Rx Reserve Shtdwn Hrs	0.0	1,709.6	1,982.5
15. Hrs Generator On-Line	479.9	5,343.5	8,209.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,236,146.0	17,175,066.0	25,331,994.0
18. Gross Elec Ener (MWH)	372,677.0	5,644,998.0	8,309,998.0
19. Net Elec Ener (MWH)	341,751.0	5,355,050.0	7,868,564.0
20. Unit Service Factor	64.5	61.0	67.6
21. Unit Avail Factor	64.5	61.0	67.6
22. Unit Cap Factor (MDC Net)	39.9	53.2	56.4
23. Unit Cap Factor (DER Net)	39.9	53.2	56.4
24. Unit Forced Outage Rate	6.2	12.6	11.0
25. Forced Outage Hours	31.5	772.3	1,014.4

****
* COMANCHE PEAK 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	461
2	0	17	650
3	0	18	753
4	0	19	832
5	0	20	859
6	0	21	1098
7	0	22	931
8	0	23	656
9	0	24	953
10	0	25	1103
11	49	26	1059
12	39	27	1102
13	109	28	1103
14	261	29	1101
15	417	30	1104
		31	1102

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* COMANCHE PEAK 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
10	10/03/91	S	232.6	C	4				FIRST REFUELING OUTAGE.
11	12/10/91	F	12.7	A	1				TURBINE SHUTDOWN REQUIRED TO REPAIR HP CONTROL VALVE OSCILLATIONS.
12	12/11/91	F	18.8	A	1				TURBINE SHUTDOWN REQUIRED TO REPAIR MANUAL FW VALVE DISC/STEM SEPARATION.
13	12/22/91	F	0.0	G	5				AUTOMATIC TURBINE RUNBACK OCCURRED WHILE TROUBLESHOOTING A HEATER DRAIN VALVE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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

F A C I L I T Y D A T A

****
* COMANCHE PEAK 1 *
****

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 ELEC ENER 1ST GENER..... APRIL 24, 1990

DATE COMMERCIAL OPERATE..... AUGUST 13, 1990

CONDENSER COOLING METHOD..... CC ART

CONDENSER COOLING WATER..... SQUAW CREEK RES

ELECTRIC RELIABILITY COUNCIL..... ELECTRIC RELIABILITY COUNCIL OF TEXAS

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... TEXAS UTILITIES ELECTRIC CO.

CORPORATE ADDRESS..... 400 N. 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 D. JOHNSON

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

DOCKET NUMBER..... 50-445

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

1. Docket: 50-315 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C. B. ZYGMONT (616) 465-5901 EXT. 1095

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): 1020

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	149,016.0
13. Hours Reactor Critical	744.0	7,754.3	111,141.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	463.0
15. Hrs Generator On-Line	744.0	7,527.2	109,156.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	321.0
17. Gross Therm Ener (MWH)	2,412,246.0	23,755,041.0	319,184,690.0
18. Gross Elec Ener (MWH)	778,220.0	7,614,530.0	103,745,760.0
19. Net Elec Ener (MWH)	751,092.0	7,338,236.0	99,771,709.0
20. Unit Service Factor	100.0	85.9	74.3
21. Unit Avail Factor	100.0	85.9	74.3
22. Unit Cap Factor (MDC Net)	99.0	83.2	66.6
23. Unit Cap Factor (DER Net)	99.0	81.7	64.8
24. Unit Forced Outage Rate	0.0	2.9	6.8
25. Forced Outage Hours	0.0	228.7	7,779.8

****
* COOK 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1012	16	1012
2	1012	17	1010
3	1011	18	1008
4	1013	19	1009
5	1012	20	1009
6	1002	21	1013
7	1010	22	1008
8	1010	23	1012
9	1012	24	1017
10	1009	25	1009
11	1010	26	1011
12	1015	27	1006
13	1016	28	997
14	1005	29	1006
15	1013	30	1002
		31	1006

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

REFUELING OUTAGE, JUNE 15, 1992, 90 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUM VALUES FOR ITEMS 12, 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUM VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION. YTD AND CUM CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* COOK 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* COOK 1 *
****

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..... JANUARY 18, 1975

DATE ELEC ENER 1ST GENER..... 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 & 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..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... BRUCE L. JORGENSEN

LICENSING PROJ MANAGER..... TIMOTHY G. COLBURN

DOCKET NUMBER..... 50-315

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

1. Docket: 50-316 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C.B. ZYGMONT (616) 465-5901 EXT. 1095

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): 1090

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	122,712.0
13. Hours Reactor Critical	744.0	8,053.2	83,188.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,014.2	81,600.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,474,282.0	26,527,580.0	252,694,633.0
18. Gross Elec Ener (MWH)	796,890.0	8,481,310.0	82,268,150.0
19. Net Elec Ener (MWH)	770,380.0	8,185,905.0	79,244,872.0
20. Unit Service Factor	100.0	91.5	67.8
21. Unit Avail Factor	100.0	91.5	67.8
22. Unit Cap Factor (MDC Net)	95.0	85.7	62.1
23. Unit Cap Factor (DER Net)	95.0	85.2	60.4
24. Unit Forced Outage Rate	0.0	8.5	13.1
25. Forced Outage Hours	0.0	745.9	12,110.2

****
* COOK 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1064	16	941
2	1067	17	947
3	1068	18	949
4	1073	19	944
5	1078	20	949
6	1067	21	1005
7	1071	22	1063
8	1063	23	1060
9	1064	24	1058
10	1029	25	1058
11	1065	26	1058
12	1072	27	1051
13	1055	28	1046
14	1021	29	1059
15	943	30	1056
		31	1056

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

REFUELING OUTAGE, FEBRUARY 22, 1992, 90 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUM VALUES FOR ITEMS 12, 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUM VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION. YTD AND CUM CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* COOK 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

COOK 2

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 ELEC ENER 1ST GENER..... 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..... BRUCE L. JORGENSEN

LICENSING PROJ MANAGER..... TIMOTHY G. COLBURN

DOCKET NUMBER..... 50-316

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

1. Docket: 50-298 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: E. A. KERNES (402) 825-5766

4. Licensed Thermal Power (MWt): 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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	153,433.0
13. Hours Reactor Critical	386.2	6,898.8	116,500.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	348.8	6,831.5	114,772.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	608,280.0	14,953,152.0	233,545,276.0
18. Gross Elec Ener (MWH)	202,574.0	4,960,742.0	75,570,152.0
19. Net Elec Ener (MWH)	196,032.0	4,803,807.0	72,930,387.0
20. Unit Service Factor	46.9	78.0	74.8
21. Unit Avail Factor	46.9	78.0	74.8
22. Unit Cap Factor (MDC Net)	34.5	71.8	62.2
23. Unit Cap Factor (DER Net)	33.9	70.5	61.1
24. Unit Forced Outage Rate	0.0	0.0	4.5
25. Forced Outage Hours	0.0	0.0	5,406.4

****
* COOPER STATION *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	0
2	0	17	69
3	0	18	199
4	0	19	497
5	0	20	494
6	0	21	244
7	0	22	550
8	0	23	550
9	0	24	550
10	0	25	557
11	0	26	654
12	0	27	749
13	0	28	734
14	0	29	774
15	0	30	774
		31	773

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* COOPER STATION *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-5	10/04/91	S	390.5	C	4		RC	FUELXX	RELOAD 14 REFUELING OUTAGE.
91-6	12/21/91	S	4.7	H	1				TURBINE OFF LINE FOR WEIGHT BALANCE (REACTOR WAS NOT SCRAMMED).

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* COOPER STATION *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NEBRASKA

COUNTY..... NEMAHA

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

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... FEBRUARY 21, 1974

DATE ELEC ENER 1ST GENER..... 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..... WAYLAND R. BENNETT

LICENSING PROJ MANAGER..... ROBY B. BEVAN JR.

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 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. L. MCLAUGHLIN (904) 795-6486

4. Licensed Thermal Power (MWt): 2544

5. Nameplate Rating (Gross MWe): 890

6. Design Electrical Rating (Net MWe): 825

7. Maximum Dependable Capacity (Gross MWe): 860

8. Maximum Dependable Capacity (Net MWe): 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	129,768.0
13. Hours Reactor Critical	353.5	7,187.2	83,836.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,280.6
15. Hrs Generator On-Line	352.0	7,137.6	82,147.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	936,932.0	16,830,441.0	186,334,647.0
18. Gross Elec Ener (MWH)	324,380.0	5,734,431.0	63,622,896.0
19. Net Elec Ener (MWH)	309,599.0	5,457,190.0	60,431,740.0
20. Unit Service Factor	47.3	81.5	63.3
21. Unit Avail Factor	47.3	81.5	63.3
22. Unit Cap Factor (MDC Net)	50.7	75.9	57.7
23. Unit Cap Factor (DER Net)	50.4	75.5	56.4
24. Unit Forced Outage Rate	52.7	6.9	19.4
25. Forced Outage Hours	392.0	527.2	19,807.5

****
* CRYSTAL RIVER 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	842	16	0
2	838	17	0
3	42	18	283
4	0	19	796
5	0	20	838
6	0	21	838
7	0	22	843
8	0	23	843
9	0	24	843
10	0	25	842
11	0	26	843
12	0	27	842
13	0	28	842
14	0	29	842
15	0	30	841
		31	842

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

REFUELING OUTAGE, APRIL 30, 1992, 56 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH A WEIGHTED AVERAGE. LICENSEE REVISED NOVEMBER 1991 REPORT ADDING A FORCED SHUTDOWN OF 29.6 HOURS, CHANGING FORCED OUTAGE RATE FROM 0.0% TO 23.3%.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* CRYSTAL RIVER 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-42	12/02/91	F	0.0	A	5		IA	INSTRU	UNIT COMMENCED POWER REDUCTION TO INVESTIGATE FAILED POWER RANGE NUCLEAR INSTRUMENTATION CHANNEL NI-8.
91-43	12/03/91	F	144.8	G	3	91017	IA	INSTRU	REACTOR TRIP ON HIGH RCS PRESSURE DUE TO A FEEDWATER TRANSIENT. A MISUNDERSTANDING OF THE ICS RESPONSE TO PLACING A TEST MODULE IN THE "TEST/OPERATE" POSITION WITH A FAILED NI (ABOVE) IS CONSIDERED ROOT CAUSE.
91-44	12/08/91	F	247.2	A	3	91018	CJ	VALVEX	REACTOR TRIP ON LOW RCS PRESSURE DUE TO PRESSURIZER SPRAY VALVE RCV-14 FAILURE TO CLOSE. RCV-14 POSITION INDICATION ALSO FAILED. MAINTENANCE PROCEDURE HAS BEEN REVISED TO PREVENT RECURRENCE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* CRYSTAL RIVER 3 *
****

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 ELEC ENER 1ST GENER..... 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 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: BILAL SARSOUR (419) 321-7384

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): 918

8. Maximum Dependable Capacity (Net MWe): 874

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	117,649.0
13. Hours Reactor Critical	630.5	7,054.6	66,175.8
14. Rx Reserve Shtdwn Hrs	113.5	113.5	5,507.2
15. Hrs Generator On-Line	613.7	6,963.8	64,033.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1,732.5
17. Gross Therm Ener (MWH)	1,681,828.0	18,482,808.0	156,609,293.0
18. Gross Elec Ener (MWH)	562,258.0	6,163,360.0	51,893,377.0
19. Net Elec Ener (MWH)	530,063.0	5,843,860.0	48,792,488.0
20. Unit Service Factor	82.5	79.5	54.4
21. Unit Avail Factor	82.5	79.5	55.9
22. Unit Cap Factor (MDC Net)	81.5	76.3	47.5
23. Unit Cap Factor (DER Net)	78.6	73.6	45.8
24. Unit Forced Outage Rate	17.5	2.1	25.2
25. Forced Outage Hours	130.3	145.8	21,551.0

****
* DAVIS-BESSE *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	877	16	886
2	879	17	885
3	881	18	886
4	879	19	887
5	880	20	887
6	325	21	885
7	0	22	885
8	0	23	885
9	0	24	886
10	0	25	885
11	361	26	885
12	732	27	885
13	871	28	885
14	855	29	884
15	886	30	884
		31	886

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* DAVIS-BESSE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
5	12/06/91	F	130.3	A	1	91007	EK	SCO	THE TURBINE-GENERATOR WAS TAKEN OFF LINE DUE TO EXCEEDING THE 72 HOUR TIME LIMIT FOR EMERGENCY DIESEL GENERATOR (EDG) INOPERABILITY PER TECHNICAL SPECIFICATION 3.8.1.1.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* 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 ELEC ENER 1ST GENER..... 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..... PAUL M. BYRON

LICENSING PROJ MANAGER..... JON B. HOPKINS

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 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: T. C. JOYCE (805) 545-4139

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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	58,318.3
13. Hours Reactor Critical	744.0	7,197.4	48,314.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,126.1	47,485.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,480,444.0	23,053,975.0	148,348,450.0
18. Gross Elec Ener (MWH)	834,800.0	7,751,900.0	49,942,232.0
19. Net Elec Ener (MWH)	796,235.0	7,358,078.0	47,338,160.0
20. Unit Service Factor	100.0	81.3	81.4
21. Unit Avail Factor	100.0	81.3	81.4
22. Unit Cap Factor (MDC Net)	99.7	78.3	75.6
23. Unit Cap Factor (DER Net)	98.5	77.3	74.7
24. Unit Forced Outage Rate	0.0	2.3	3.7
25. Forced Outage Hours	0.0	164.7	1,828.3

****
* DIABLO CANYON 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1073	16	1073
2	1073	17	1071
3	1065	18	1075
4	1069	19	1068
5	1073	20	1072
6	1073	21	1066
7	1073	22	1073
8	1073	23	1069
9	1073	24	1069
10	1068	25	1069
11	1073	26	1069
12	1073	27	1064
13	1069	28	1069
14	1073	29	1069
15	1069	30	1064
		31	1065

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* DIABLO CANYON 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* DIABLO CANYON 1 *
****

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 ELEC ENER 1ST GENER..... 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..... PAUL P. NARBUT

LICENSING PROJ MANAGER..... HARRY ROOD

DOCKET NUMBER..... 50-275

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

1. Docket: 50-323 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: T. C. JOYCE (805) 545-4139

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	50,877.0
13. Hours Reactor Critical	744.0	7,486.1	42,162.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,420.5	41,353.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,537,334.0	24,452,925.0	134,230,980.0
18. Gross Elec Ener (MWH)	853,900.0	8,100,400.0	44,663,599.0
19. Net Elec Ener (MWH)	816,721.0	7,714,797.0	42,385,869.0
20. Unit Service Factor	100.0	84.7	81.3
21. Unit Avail Factor	100.0	84.7	81.3
22. Unit Cap Factor (MDC Net)	101.0	81.0	76.8
23. Unit Cap Factor (DER Net)	98.1	78.7	74.5
24. Unit Forced Outage Rate	0.0	0.0	4.9
25. Forced Outage Hours	0.0	0.0	2,119.3

****
* DIABLO CANYON 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1104	16	1095
2	1096	17	1094
3	1100	18	1094
4	1100	19	1100
5	1104	20	1096
6	1100	21	1096
7	1100	22	1096
8	1101	23	1096
9	1100	24	1097
10	1101	25	1096
11	1104	26	1096
12	1096	27	1092
13	1096	28	1100
14	1100	29	1092
15	1101	30	1092
		31	1095

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* DIABLO CANYON 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* DIABLO CANYON 2 *
****

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 ELEC ENER 1ST GENER..... 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..... PAUL P. NARBUT

LICENSING PROJ MANAGER..... HARRY ROOD

DOCKET NUMBER..... 50-323

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

1. Docket: 50-237 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. C. MAXWELL (815) 942-2920 EXT. 2489

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): 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	189,648.0
13. Hours Reactor Critical	0.0	5,279.9	142,017.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	5,033.9	136,005.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	10,037,878.0	281,642,021.0
18. Gross Elec Ener (MWH)	0.0	3,163,207.0	89,958,944.0
19. Net Elec Ener (MWH)	(5,271.0)	2,966,286.0	85,034,574.0
20. Unit Service Factor	0.0	57.5	71.7
21. Unit Avail Factor	0.0	57.5	71.7
22. Unit Cap Factor (MDC Net)	0.0	43.9	58.1
23. Unit Cap Factor (DER Net)	0.0	42.6	56.5
24. Unit Forced Outage Rate	100.0	35.0	11.9
25. Forced Outage Hours	744.0	2713.5	18,383.5

****
* DRESDEN 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

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

27. If Currently Shutdown, Estimated Startup Date: 02/06/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* DRESDEN 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
14	11/13/91	F	744.0	A	4	91037	IG	CBL1	DURING REACTOR HEATUP SPURIOUS IRM SPIKING CAUSED AN AUTOMATIC REACTOR SCRAM. WHILE UNIT WAS SHUTDOWN, A CONCERN WAS RAISED REGARDING DIVISION I & II CABLE SEPARATION.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

DRESDEN 2

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 ELEC ENER 1ST GENER..... 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..... STEVIE G. DUPONT

LICENSING PROJ MANAGER..... BYRON L. SIEGEL

DOCKET NUMBER..... 50-237

LICENSE & DATE ISSUANCE..... DPR 019, DECEMBER 22, 1969

1. Docket: 50-249 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. C. MAXWELL (815) 942-2920 EXT. 2489

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	179,233.0
13. Hours Reactor Critical	0.0	5,356.0	129,899.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	5,248.4	124,883.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	9,004,746.0	257,354,033.0
18. Gross Elec Ener (MWH)	0.0	2,751,886.0	82,906,842.0
19. Net Elec Ener (MWH)	(5,438.0)	2,567,729.0	78,542,148.0
20. Unit Service Factor	0.0	59.9	69.7
21. Unit Avail Factor	0.0	59.9	69.7
22. Unit Cap Factor (MDC Net)	0.0	37.9	56.7
23. Unit Cap Factor (DER Net)	0.0	36.9	55.2
24. Unit Forced Outage Rate	0.0	2.2	11.3
25. Forced Outage Hours	0.0	119.5	15,933.5

****
* DRESDEN 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: 02/22/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* DRESDEN 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
3	09/08/91	S	744.0	C	4		RC	FUELXX	OFF LINE FOR THE UNIT'S 12TH REFUELING OUTAGE (D3R12).

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* DRESDEN 3 *
****

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 ELEC ENER 1ST GENER..... JULY 22, 1971

DATE COMMERCIAL OPERATE..... NOVEMBER 16, 1971

CONDENSER COOLING METHOD..... COOLING LAKE

CONDENSER COOLING WATER..... KANKAKEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... COMMONWEALTH EDISON CO.

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

CONTRACTOR

ARCHITECT/ENGINEER..... SARGENT & LUNDY

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... UNITED ENG. & CONSTRUCTORS

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... STEVIE G. DUPONT

LICENSING PROJ MANAGER..... BYRON L. SIEGEL

DOCKET NUMBER..... 50-249

LICENSE & DATE ISSUANCE..... DPR 025, MARCH 02, 1971

1. Docket: 50-331 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: HAI TRAN (319) 851-7491

4. Licensed Thermal Power (MWt): 1658

5. Nameplate Rating (Gross MWe): 565

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:

PLANT IS IN COASTDOWN CONDITION.

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	148,272.0
13. Hours Reactor Critical	744.0	8,277.5	108,788.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	192.8
15. Hrs Generator On-Line	744.0	8,199.9	105,908.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,187,148.0	13,332,362.4	143,053,596.4
18. Gross Elec Ener (MWH)	401,684.0	4,412,435.0	47,966,326.0
19. Net Elec Ener (MWH)	377,184.7	4,146,810.8	44,964,512.0
20. Unit Service Factor	100.0	93.6	71.4
21. Unit Avail Factor	100.0	93.6	71.4
22. Unit Cap Factor (MDC Net)	98.4	91.9	58.5
23. Unit Cap Factor (DER Net)	94.2	88.0	56.4
24. Unit Forced Outage Rate	0.0	2.7	13.1
25. Forced Outage Hours	0.0	225.5	15,924.0

****
* DUANE ARNOLD *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	521	16	510
2	530	17	509
3	532	18	505
4	528	19	502
5	530	20	501
6	529	21	502
7	524	22	492
8	510	23	498
9	523	24	486
10	519	25	484
11	518	26	492
12	513	27	488
13	515	28	487
14	514	29	485
15	505	30	484
		31	481

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

REFUELING OUTAGE, FEBRUARY 27, 1992, 59 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* DUANE ARNOLD *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... MICHAEL E. PARKER

LICENSING PROJ MANAGER..... CLYDE Y. SHIRAKI

DOCKET NUMBER..... 50-331

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

1. Docket: 50-348 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. N. MOREY (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): 814

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	123,456.0
13. Hours Reactor Critical	744.0	6,956.6	95,910.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,650.0
15. Hrs Generator On-Line	744.0	6,872.6	94,264.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,961,350.3	17,770,643.4	241,404,623.4
18. Gross Elec Ener (MWH)	639,298.0	5,734,372.0	77,784,710.0
19. Net Elec Ener (MWH)	607,102.0	5,411,266.0	73,414,798.0
20. Unit Service Factor	100.0	78.5	76.4
21. Unit Avail Factor	100.0	78.5	76.4
22. Unit Cap Factor (MDC Net)	100.2	75.9	73.5
23. Unit Cap Factor (DER Net)	98.4	74.5	71.7
24. Unit Forced Outage Rate	0.0	2.3	7.1
25. Forced Outage Hours	0.0	158.5	7,212.3

****
* FARLEY 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	808	16	827
2	810	17	805
3	815	18	712
4	823	19	827
5	825	20	822
6	826	21	825
7	823	22	822
8	818	23	820
9	815	24	821
10	821	25	823
11	821	26	822
12	819	27	823
13	816	28	820
14	793	29	822
15	825	30	825
		31	837

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* FARLEY 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

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 ELEC ENER 1ST GENER..... 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..... GEORGE F. MAXWELL

LICENSING PROJ MANAGER..... STEPHAN T. HOFFMAN

DOCKET NUMBER..... 50-348

LICENSE & DATE ISSUANCE..... NPF 002, JUNE 25, 1977

1. Docket: 50-364 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. N. MOREY (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): 824

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	91,369.0
13. Hours Reactor Critical	744.0	8,480.1	78,864.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	138.0
15. Hrs Generator On-Line	744.0	8,377.3	77,928.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,971,597.6	21,755,372.1	198,959,320.1
18. Gross Elec Ener (MWH)	651,100.0	7,090,128.0	65,296,084.0
19. Net Elec Ener (MWH)	620,736.0	6,739,940.0	61,934,062.0
20. Unit Service Factor	100.0	95.6	85.3
21. Unit Avail Factor	100.0	95.6	85.3
22. Unit Cap Factor (MDC Net)	101.3	93.4	82.7
23. Unit Cap Factor (DER Net)	100.6	92.8	81.8
24. Unit Forced Outage Rate	0.0	2.9	4.2
25. Forced Outage Hours	0.0	252.2	3,380.1

****
* FARLEY 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	820	16	841
2	821	17	841
3	828	18	840
4	838	19	840
5	840	20	816
6	839	21	840
7	837	22	834
8	831	23	831
9	827	24	836
10	835	25	838
11	835	26	837
12	834	27	838
13	831	28	833
14	832	29	836
15	839	30	838
		31	824

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

REFUELING/MAINTENANCE OUTAGE, MARCH 6, 1992, SEVEN WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* FARLEY 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* FARLEY 2 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... GEORGE F. MAXWELL

LICENSING PROJ MANAGER..... STEPHAN T. HOFFMAN

DOCKET NUMBER..... 50-364

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

1. Docket: 50-341 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1154

6. Design Electrical Rating (Net MWe): 1093

7. Maximum Dependable Capacity (Gross MWe): 1110

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	34,526.0
13. Hours Reactor Critical	527.3	6,746.0	25,263.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	509.1	6,468.4	24,033.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,634,688.0	19,649,997.0	71,481,191.0
18. Gross Elec Ener (MWH)	557,600.0	6,473,500.0	23,648,037.0
19. Net Elec Ener (MWH)	535,048.0	6,180,932.0	22,592,236.0
20. Unit Service Factor	68.4	73.8	69.6
21. Unit Avail Factor	68.4	73.8	69.6
22. Unit Cap Factor (MDC Net)	67.8	66.7	61.0
23. Unit Cap Factor (DER Net)	65.8	64.6	59.9
24. Unit Forced Outage Rate	0.0	1.1	9.1
25. Forced Outage Hours	0.0	73.6	2,417.4

****
* FERMI 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1089	16	0
2	1089	17	0
3	1089	18	0
4	1092	19	0
5	1094	20	47
6	1092	21	933
7	1077	22	1069
8	1073	23	1094
9	1083	24	1098
10	685	25	1099
11	0	26	1098
12	0	27	1097
13	0	28	1096
14	0	29	1098
15	0	30	1097
		31	1099

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: YTD AND CUM UNIT CAPACITY FACTORS (MDC & DER) CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* FERMI 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
S91-06	12/10/91	S	234.9	B	1		EL	XFMR	MAINTENANCE OUTAGE FOR REPLACEMENT OF MAIN GENERATOR OUTPUT TRANSFORMER (1 OF 2).

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* FERMI 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 ELEC ENER 1ST GENER..... 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..... WALTER G. ROGERS, III

LICENSING PROJ MANAGER..... JOHN F. STANG, JR.

DOCKET NUMBER..... 50-341

LICENSE & DATE ISSUANCE..... NPF 043, JULY 16, 1985

1. Docket: 50-333 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: RUSS 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	144,025.0
13. Hours Reactor Critical	0.0	4,675.2	104,831.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	4,536.7	101,731.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	10,390,160.0	223,975,510.0
18. Gross Elec Ener (MWH)	0.0	3,501,640.0	76,322,860.0
19. Net Elec Ener (MWH)	0.0	3,376,750.0	73,269,365.0
20. Unit Service Factor	0.0	51.8	70.6
21. Unit Avail Factor	0.0	51.8	70.6
22. Unit Cap Factor (MDC Net)	0.0	49.4	65.6
23. Unit Cap Factor (DER Net)	0.0	47.2	62.3
24. Unit Forced Outage Rate	100.0	46.8	12.7
25. Forced Outage Hours	744.0	3984.4	14,824.2

****
* FITZPATRICK *
****

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):

REFUELING OUTAGE, JANUARY 11, 1992, 95 DAYS.

27. If Currently Shutdown, Estimated Startup Date: 04/15/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* FITZPATRICK *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
9	12/01/91	F	744.0	B	1				SHUTDOWN FOR PREPARATIONS FOR REFUELING AND APPENDIX R INSPECTIONS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* FITZPATRICK *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NEW YORK

COUNTY..... OSWEGO

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

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... NOVEMBER 17, 1974

DATE ELEC ENER 1ST GENER..... FEBRUARY 01, 1975

DATE COMMERCIAL OPERATE..... JULY 28, 1975

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE ONTARIO

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... 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..... WAYNE L. SCHMIDT

LICENSING PROJ MANAGER..... BRIAN MCCABE

DOCKET NUMBER..... 50-333

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

1. Docket: 50-285 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. R. CAVANAUGH (402) 636-2474

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	160,130.0
13. Hours Reactor Critical	744.0	8,030.0	124,818.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,309.5
15. Hrs Generator On-Line	744.0	7,947.2	123,376.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,111,552.0	10,340,236.4	161,623,725.7
18. Gross Elec Ener (MWH)	378,520.0	3,426,000.0	53,176,126.2
19. Net Elec Ener (MWH)	361,687.9	3,248,975.1	50,733,751.4
20. Unit Service Factor	100.0	90.7	77.0
21. Unit Avail Factor	100.0	90.7	77.0
22. Unit Cap Factor (MDC Net)	101.7	77.6	69.0
23. Unit Cap Factor (DER Net)	101.7	77.6	67.1
24. Unit Forced Outage Rate	0.0	9.3	3.9
25. Forced Outage Hours	0.0	812.8	4,947.4

****
* FORT CALHOUN *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	487	16	486
2	486	17	486
3	486	18	486
4	486	19	486
5	486	20	486
6	487	21	486
7	487	22	486
8	487	23	486
9	487	24	486
10	487	25	486
11	487	26	486
12	487	27	486
13	486	28	486
14	486	29	486
15	486	30	486
		31	485

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

REFUELING OUTAGE, FEBRUARY 1, 1992, THREE MONTHS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* FORT CALHOUN *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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 P. MULLIKIN

LICENSING PROJ MANAGER..... DAVID L. WIGGINTON

DOCKET NUMBER..... 50-285

LICENSE & DATE ISSUANCE..... DPR 040, AUGUST 09, 1973

1. Docket: 50-244 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	193,704.0
13. Hours Reactor Critical	744.0	7,591.6	153,330.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,687.6
15. Hrs Generator On-Line	744.0	7,537.2	150,705.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	8.5
17. Gross Therm Ener (MWH)	1,102,728.0	10,863,816.0	213,214,513.0
18. Gross Elec Ener (MWH)	375,340.0	3,667,133.0	70,329,607.0
19. Net Elec Ener (MWH)	357,082.0	3,483,254.0	66,752,547.0
20. Unit Service Factor	100.0	86.0	77.8
21. Unit Avail Factor	100.0	86.0	77.8
22. Unit Cap Factor (MDC Net)	102.1	84.6	74.6
23. Unit Cap Factor (DER Net)	102.1	84.6	74.6
24. Unit Forced Outage Rate	0.0	0.4	6.0
25. Forced Outage Hours	0.0	28.9	9,600.9

****
* GINNA *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	477	16	478
2	477	17	477
3	478	18	477
4	478	19	476
5	478	20	477
6	477	21	478
7	478	22	478
8	478	23	479
9	478	24	478
10	478	25	478
11	478	26	478
12	478	27	478
13	478	28	478
14	478	29	479
15	478	30	478
		31	478

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

REFUELING AND MAINTENANCE OUTAGE, MARCH 27, 1992, 40 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) CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* GINNA *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* GINNA *
****

FACILITY DESCRIPTION

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 ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

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..... CHARLES S. MARSCHALL

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

DOCKET NUMBER..... 50-244

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

1. Docket: 50-416 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: L. F. DAUGHTERY (601) 437-2334

4. Licensed Thermal Power (MWt): 3833

5. Nameplate Rating (Gross MWe): 1373

6. Design Electrical Rating (Net MWe): 1250

7. Maximum Dependable Capacity (Gross MWe): 1190

8. Maximum Dependable Capacity (Net MWe): 1143

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	63,082.0
13. Hours Reactor Critical	694.0	8,230.3	50,197.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	694.0	8,036.7	48,050.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,602,303.0	29,815,113.0	165,723,184.0
18. Gross Elec Ener (MWH)	832,426.0	9,506,596.0	52,570,110.0
19. Net Elec Ener (MWH)	799,195.0	9,118,716.0	50,260,715.0
20. Unit Service Factor	93.3	91.7	78.9
21. Unit Avail Factor	93.3	91.7	78.9
22. Unit Cap Factor (MDC Net)	94.0	91.1	75.0
23. Unit Cap Factor (DER Net)	85.9	83.3	68.0
24. Unit Forced Outage Rate	6.7	8.3	6.5
25. Forced Outage Hours	50.0	723.3	3,390.7

****
* GRAND GULF 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1153	16	1193
2	1118	17	1169
3	1199	18	1168
4	1199	19	1173
5	1195	20	1135
6	1189	21	811
7	1170	22	1119
8	1176	23	1170
9	1172	24	1193
10	1182	25	1196
11	1176	26	1188
12	1163	27	1172
13	1165	28	1185
14	1183	29	818
15	1197	30	0
		31	0

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

REFUELING OUTAGE, APRIL 17, 1992, 46 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE VALUES FOR ITEMS 12, 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* GRAND GULF 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-013	12/21/91	S	0.0	B	5				RX THERMAL POWER REDUCTION TO APPROXIMATELY 60% FOR CONTROL ROD SEQUENCE EXCHANGE.
91-014	12/29/91	F	0.0	A	5				REDUCED POWER TO COLD SHUTDOWN FOR FORCED SHUTDOWN TO REPLACE RECIRC PUMP "B" SHAFT.
91-015	12/29/91	F	50.0	A	1				FORCED SHUTDOWN FOR RECIRC PUMP "B" SHAFT REPLACEMENT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* GRAND GULF 1 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... JOHNNY L. MATHIS

LICENSING PROJ MANAGER..... PAUL W. O'CONNOR

DOCKET NUMBER..... 50-416

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

1. Docket: 50-213 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. P. BAIN (203) 267-3635

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:

UNIT DERATED DUE TO INABILITY TO DEMONSTRATE CLAIMED CAPABILITY FOR 1991 SUMMER PERIOD.

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	210,384.0
13. Hours Reactor Critical	0.0	6,693.2	167,766.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,285.0
15. Hrs Generator On-Line	0.0	6,654.3	161,331.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	398.0
17. Gross Therm Ener (MWH)	0.0	11,869,907.0	278,542,920.0
18. Gross Elec Ener (MWH)	0.0	3,893,286.0	91,236,124.0
19. Net Elec Ener (MWH)	(2,558.5)	3,703,472.1	86,680,370.6
20. Unit Service Factor	0.0	76.0	76.7
21. Unit Avail Factor	0.0	76.0	76.9
22. Unit Cap Factor (MDC Net)	0.0	74.9	74.9
23. Unit Cap Factor (DER Net)	0.0	72.6	70.8
24. Unit Forced Outage Rate	0.0	4.7	5.9
25. Forced Outage Hours	0.0	328.7	10,039.0

****
* HADDAM NECK *
****

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: 01/26/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* HADDAM NECK *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-07	10/17/91	S	744.0	C	4		RC	FUELXX	CONTINUATION OF CORE XVI - XVII REFUELING AND MAINTENANCE OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* HADDAM NECK *
****

FACILITY DESCRIPTION

LOCATION

STATE..... CONNECTICUT

COUNTY..... MIDDLESEX

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

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JULY 24, 1967

DATE ELEC ENER 1ST GENER..... AUGUST 07, 1967

DATE COMMERCIAL OPERATE..... JANUARY 01, 1968

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... CONNECTICUT RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... JOHN T. SHEDLOSKY

LICENSING PROJ MANAGER..... ALAN B. WANG

DOCKET NUMBER..... 50-213

LICENSE & DATE ISSUANCE..... DPR 061, DECEMBER 27, 1974

1. Docket: 50-400 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: AMANDA CRENSHAW (919) 362-2808

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	40,921.0
13. Hours Reactor Critical	744.0	7,141.9	32,988.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,081.7	32,554.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,032,398.9	18,920,880.2	85,976,124.5
18. Gross Elec Ener (MWH)	689,595.0	6,349,429.0	28,601,363.0
19. Net Elec Ener (MWH)	645,943.0	5,921,493.0	26,598,663.0
20. Unit Service Factor	100.0	80.8	79.6
21. Unit Avail Factor	100.0	80.8	79.6
22. Unit Cap Factor (MDC Net)	101.0	78.6	75.6
23. Unit Cap Factor (DER Net)	96.5	75.1	72.2
24. Unit Forced Outage Rate	0.0	0.8	3.9
25. Forced Outage Hours	0.0	56.5	1,313.8

****
* HARRIS *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	870	16	887
2	866	17	883
3	869	18	884
4	887	19	886
5	889	20	885
6	885	21	881
7	882	22	876
8	751	23	873
9	627	24	882
10	872	25	886
11	879	26	886
12	880	27	885
13	870	28	886
14	867	29	886
15	887	30	885
		31	884

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* HARRIS *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-019	12/08/91	S	0.0	B	5		HA	VALVE	REDUCED LOAD TO 50% FOR TURBINE VALVE TESTING, CONDENSATE BOOSTER PUMP "B" ALIGNMENT, AND REPAIRS ON PREHEATER BYPASS VALVES AF-81 AND AF-102.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* HARRIS *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NORTH CAROLINA

COUNTY..... WAKE & CHAPHAM COS.

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 20 MI SW OF RALEIGH, NC

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JANUARY 03, 1987

DATE ELEC ENER 1ST GENER..... JANUARY 19, 1987

DATE COMMERCIAL OPERATE..... MAY 02, 1987

CONDENSER COOLING METHOD..... NDCT

CONDENSER COOLING WATER..... MAKEUP RESERVOIR

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

ARCHITECT/ENGINEER..... EBASCO

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... DANIEL INTERNATIONAL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... JEFFERSON E. TEDROW

LICENSING PROJ MANAGER..... BRENDA L. MOZAFARI

DOCKET NUMBER..... 50-400

LICENSE & DATE ISSUANCE..... NPF 063, JANUARY 12, 1987

1. Docket: 50-321 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. M. BEARD (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): 774

8. Maximum Dependable Capacity (Net MWe): 741

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	140,255.0
13. Hours Reactor Critical	744.0	6,790.3	102,337.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,533.1	97,593.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,792,632.0	15,593,572.0	216,507,020.0
18. Gross Elec Ener (MWH)	577,730.0	4,936,820.0	69,706,680.0
19. Net Elec Ener (MWH)	553,044.0	4,700,758.0	66,280,926.0
20. Unit Service Factor	100.0	74.6	69.6
21. Unit Avail Factor	100.0	74.6	69.6
22. Unit Cap Factor (MDC Net)	100.3	72.4	63.0
23. Unit Cap Factor (DER Net)	95.8	69.2	60.6
24. Unit Forced Outage Rate	0.0	6.8	13.0
25. Forced Outage Hours	0.0	479.0	14,633.1

****
* HATCH 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	523	16	755
2	731	17	757
3	744	18	755
4	756	19	758
5	756	20	755
6	755	21	753
7	753	22	752
8	751	23	750
9	747	24	752
10	749	25	754
11	750	26	754
12	752	27	738
13	747	28	738
14	748	29	752
15	756	30	751
		31	753

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* HATCH 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* HATCH 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... GEORGIA

COUNTY..... APPLING

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 11 MI N OF BAXLEY, GA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... SEPTEMBER 12, 1974

DATE ELEC ENER 1ST GENER..... NOVEMBER 11, 1974

DATE COMMERCIAL OPERATE..... DECEMBER 31, 1975

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... ALTAMAHA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... GEORGIA POWER CO.

CORPORATE ADDRESS..... P.O. BOX 1295
BIRMINGHAM, ALABAMA 35201

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... GEORGIA POWER CO.

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... JOHN E. MENNING

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

DOCKET NUMBER..... 50-321

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

1. Docket: 50-366 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. M. BEARD (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): 794

8. Maximum Dependable Capacity (Net MWe): 761

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	107,881.0
13. Hours Reactor Critical	744.0	6,778.8	80,861.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,657.6	77,819.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,803,705.0	15,864,024.0	172,157,617.0
18. Gross Elec Ener (MWH)	591,130.0	5,158,500.0	56,438,120.0
19. Net Elec Ener (MWH)	567,177.0	4,922,299.0	53,746,414.0
20. Unit Service Factor	100.0	76.0	72.1
21. Unit Avail Factor	100.0	76.0	72.1
22. Unit Cap Factor (MDC Net)	100.2	73.8	65.2
23. Unit Cap Factor (DER Net)	97.2	71.7	63.5
24. Unit Forced Outage Rate	0.0	4.4	7.4
25. Forced Outage Hours	0.0	310.0	6,214.9

****
* HATCH 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	753	16	770
2	758	17	771
3	758	18	767
4	766	19	771
5	769	20	769
6	764	21	766
7	763	22	764
8	762	23	762
9	758	24	763
10	739	25	767
11	726	26	767
12	763	27	766
13	759	28	762
14	760	29	767
15	769	30	768
		31	768

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* HATCH 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

HATCH 2

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 ELEC ENER 1ST GENER..... SEPTEMBER 22, 1978

DATE COMMERCIAL OPERATE..... SEPTEMBER 05, 1979

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... ALTAMAHA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... GEORGIA POWER CO.

CORPORATE ADDRESS..... P.O. BOX 1295
BIRMINGHAM, ALABAMA 35201

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... GEORGIA POWER CO.

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... JOHN E. MENNING

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

DOCKET NUMBER..... 50-366

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

1. Docket: 50-354 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

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

4. Licensed Thermal Power (MWt): 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	44,112.0
13. Hours Reactor Critical	744.0	7,379.8	37,161.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,281.5	36,574.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,233,960.0	23,454,734.0	115,997,141.0
18. Gross Elec Ener (MWH)	742,460.0	7,730,380.0	38,352,053.0
19. Net Elec Ener (MWH)	711,146.0	7,394,425.0	36,651,109.0
20. Unit Service Factor	100.0	83.1	82.9
21. Unit Avail Factor	100.0	83.1	82.9
22. Unit Cap Factor (MDC Net)	92.7	81.9	80.6
23. Unit Cap Factor (DER Net)	89.6	79.1	77.9
24. Unit Forced Outage Rate	0.0	4.1	5.4
25. Forced Outage Hours	0.0	307.7	2,104.1

****
* HOPE CREEK *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1080	16	1052
2	1063	17	1070
3	1052	18	1055
4	1058	19	1073
5	1058	20	807
6	1058	21	836
7	953	22	758
8	658	23	995
9	714	24	1061
10	625	25	1058
11	594	26	1061
12	620	27	1060
13	893	28	1051
14	1034	29	1056
15	1057	30	1058
		31	1061

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* HOPE CREEK *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
9	12/07/91	F	0.0	A	5				CONDENSER AIR LEAK DUE TO CRACK IN STEAM SEAL EVAPORATOR INLET RELIEF PIPING.
10	12/20/91	F	0.0	A	5				FULL RECIRC RUNBACK CAUSED BY FAILURE OF THE "C" PRIMARY CONDENSATE PUMP LUBE OIL SUPPLY LINE.
11	12/23/91	F	0.0	A	5				MOISTURE SEPARATOR LEAK.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* HOPE CREEK *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NEW JERSEY

COUNTY..... SALEM

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 18 MI SE OF WILMINGTON, DE

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... JUNE 28, 1986

DATE ELEC ENER 1ST GENER..... AUGUST 01, 1986

DATE COMMERCIAL OPERATE..... DECEMBER 20, 1986

CONDENSER COOLING METHOD..... NDCT

CONDENSER COOLING WATER..... DELAWARE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... PUBLIC SERVICE ELECTRIC & GAS CO.

CORPORATE ADDRESS..... 80 PARK PLACE
NEWARK, NEW JERSEY 07101

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... THOMAS P. JOHNSON

LICENSING PROJ MANAGER..... STEPHEN DEMBEK

DOCKET NUMBER..... 50-354

LICENSE & DATE ISSUANCE..... NPF 057, JULY 25, 1986

1. Docket: 50-247 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: J. KELLER (914) 526-5155

4. Licensed Thermal Power (MWt): 3071

5. Nameplate Rating (Gross MWe): 1310

6. Design Electrical Rating (Net MWe): 986

7. Maximum Dependable Capacity (Gross MWe): 975

8. Maximum Dependable Capacity (Net MWe): 939

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	153,433.0
13. Hours Reactor Critical	744.0	4,762.7	104,354.8
14. Rx Reserve Shtdwn Hrs	0.0	116.0	4,038.9
15. Hrs Generator On-Line	744.0	4,496.8	101,482.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,291,557.0	12,859,364.0	275,948,032.0
18. Gross Elec Ener (MWH)	738,319.0	4,039,753.0	84,048,199.0
19. Net Elec Ener (MWH)	713,668.0	3,864,314.0	80,341,308.0
20. Unit Service Factor	100.0	51.3	66.1
21. Unit Avail Factor	100.0	51.3	66.1
22. Unit Cap Factor (MDC Net)	102.2	47.5	60.6
23. Unit Cap Factor (DER Net)	97.3	44.7	59.2
24. Unit Forced Outage Rate	0.0	6.8	7.4
25. Forced Outage Hours	0.0	329.6	8,115.9

****
* INDIAN POINT 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	952	16	960
2	958	17	960
3	954	18	961
4	961	19	960
5	959	20	960
6	959	21	961
7	960	22	960
8	961	23	960
9	962	24	959
10	962	25	959
11	962	26	959
12	960	27	959
13	960	28	957
14	961	29	955
15	958	30	959
		31	958

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) CALCULATED WITH WEIGHTED AVERAGES. YTD CAPACITY FACTOR (MDC NET) ALSO CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* INDIAN POINT 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* INDIAN POINT 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NEW YORK

COUNTY..... WESTCHESTER

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 24 MI N OF NEW YORK CITY, NY

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MAY 22, 1973

DATE ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

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..... DAVID C. LEW

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

DOCKET NUMBER..... 50-247

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

1. Docket: 50-286 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: L. KELLY (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	134,449.0
13. Hours Reactor Critical	744.0	7,668.5	85,189.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,579.4	82,919.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm-Ener (MWH)	2,322,759.0	22,458,114.0	235,704,648.0
18. Gross Elec Ener (MWH)	762,890.0	7,557,820.0	73,220,705.0
19. Net Elec Ener (MWH)	738,616.0	7,300,771.0	70,403,987.0
20. Unit Service Factor	100.0	86.5	61.7
21. Unit Avail Factor	100.0	86.5	61.7
22. Unit Cap Factor (MDC Net)	102.9	86.4	55.7
23. Unit Cap Factor (DER Net)	102.9	86.4	54.3
24. Unit Forced Outage Rate	0.0	10.3	15.4
25. Forced Outage Hours	0.0	875.0	15,100.5

****
* INDIAN POINT 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	994	16	992
2	994	17	994
3	994	18	993
4	993	19	993
5	993	20	992
6	993	21	992
7	993	22	992
8	993	23	990
9	993	24	991
10	995	25	991
11	992	26	991
12	992	27	994
13	992	28	993
14	993	29	994
15	993	30	994
		31	993

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

REFUELING OUTAGE, MARCH 28, 1992, TWO MONTHS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* INDIAN POINT 3 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* INDIAN POINT 3 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... NEW YORK

COUNTY..... WESTCHESTER

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 24 MI N OF NEW YORK CITY, NY

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY... . APRIL 06, 1976

DATE ELEC ENER 1ST GENER..... APRIL 27, 1976

DATE COMMERCIAL OPERATE..... AUGUST 30, 1976

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... HUDSON RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... WESTINGHOUSE DEVELOPMENT CORP

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... PETER S. KOLTAY

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

DOCKET NUMBER..... 50-286

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

1. Docket: 50-305 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. H. RUITER (414) 388-2560 EXT. 2225

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	153,794.0
13. Hours Reactor Critical	744.0	7,306.0	131,660.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,330.5
15. Hrs Generator On-Line	744.0	7,248.5	129,873.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	10.0
17. Gross Therm Ener (MWH)	1,211,606.0	11,615,688.0	205,478,314.0
18. Gross Elec Ener (MWH)	404,600.0	3,870,500.0	68,004,800.0
19. Net Elec Ener (MWH)	384,962.0	3,674,833.0	64,736,819.0
20. Unit Service Factor	100.0	82.7	84.4
21. Unit Avail Factor	100.0	82.7	84.5
22. Unit Cap Factor (MDC Net)	101.3	82.7	82.1
23. Unit Cap Factor (DER Net)	96.7	78.4	78.7
24. Unit Forced Outage Rate	0.0	0.4	2.4
25. Forced Outage Hours	0.0	26.4	3,130.5

****
* KEWAUNEE *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	519	16	523
2	524	17	519
3	519	18	524
4	524	19	520
5	524	20	519
6	519	21	523
7	524	22	519
8	520	23	519
9	524	24	524
10	519	25	421
11	524	26	499
12	524	27	519
13	519	28	523
14	524	29	519
15	519	30	524
		31	520

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

REFUELING OUTAGE, MARCH 6, 1992, SIX WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* KEWAUNEE *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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

LICENSEE..... WISCONSIN PUBLIC SERVICE CORP.

CORPORATE ADDRESS..... P.O. BOX 19002
GREEN BAY, WISCONSIN 54307

CONTRACTOR

ARCHITECT/ENGINEER..... PUBLIC SERVICES AND GAS COMPANY

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... PUBLIC SERVICES AND GAS COMPANY

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... PATRICK I. CASTLEMAN

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

DOCKET NUMBER..... 50-305

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

1. Docket: 50-373 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	70,128.0
13. Hours Reactor Critical	744.0	6,747.1	47,356.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,641.2
15. Hrs Generator On-Line	744.0	6,629.6	46,378.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1.0
17. Gross Therm Ener (MWH)	2,402,609.0	20,953,378.0	135,156,979.4
18. Gross Elec Ener (MWH)	823,318.0	7,086,484.0	45,089,772.0
19. Net Elec Ener (MWH)	796,171.0	6,825,063.0	43,195,145.0
20. Unit Service Factor	100.0	75.7	66.1
21. Unit Avail Factor	100.0	75.7	66.1
22. Unit Cap Factor (MDC Net)	103.3	75.2	59.5
23. Unit Cap Factor (DER Net)	99.3	72.3	57.1
24. Unit Forced Outage Rate	0.0	2.2	7.6
25. Forced Outage Hours	0.0	149.2	3,816.4

****
* LASALLE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1102	16	1103
2	1104	17	1064
3	1106	18	1102
4	1069	19	1103
5	1092	20	1101
6	1095	21	1000
7	1064	22	1003
8	1094	23	1090
9	1098	24	1066
10	1086	25	1007
11	1101	26	1031
12	1102	27	1039
13	1100	28	1025
14	1069	29	974
15	1101	30	1044
		31	1039

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* LASALLE 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... COMMONWEALTH EDISON

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... ROGER D. LANKSBURY

LICENSING PROJ MANAGER..... BYRON L. SIEGEL

DOCKET NUMBER..... 50-373

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

1. Docket: 50-374 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	63,120.0
13. Hours Reactor Critical	744.0	8,445.6	44,935.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,716.9
15. Hrs Generator On-Line	744.0	8,357.4	44,204.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,320,229.0	26,803,224.0	132,242,399.2
18. Gross Elec Ener (MWH)	783,864.0	9,005,918.0	43,889,750.0
19. Net Elec Ener (MWH)	757,847.0	8,712,414.0	42,131,504.0
20. Unit Service Factor	100.0	95.4	70.0
21. Unit Avail Factor	100.0	95.4	70.0
22. Unit Cap Factor (MDC Net)	98.3	96.0	64.4
23. Unit Cap Factor (DER Net)	94.5	92.3	61.9
24. Unit Forced Outage Rate	0.0	4.6	13.1
25. Forced Outage Hours	0.0	402.5	6,663.2

****
* LASALLE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1087	16	1026
2	1083	17	1021
3	1077	18	976
4	1074	19	1016
5	1072	20	1007
6	1068	21	1001
7	1063	22	998
8	1061	23	994
9	1058	24	991
10	1053	25	957
11	1049	26	950
12	1043	27	946
13	1059	28	939
14	1034	29	960
15	1030	30	963
		31	941

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

REFUELING (L2R04), JANUARY 4, 1992, 11 WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* LASALLE 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* LASALLE 2 *
****

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 ELEC ENER 1ST GENER..... 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..... ROGER D. LANKSBURY

LICENSING PROJ MANAGER..... BYRON L. SIEGEL

DOCKET NUMBER..... 50-374

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

1. Docket: 50-352 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: KARL MECK (215) 327-1200 EXT. 3320

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	51,840.0
13. Hours Reactor Critical	459.7	8,177.2	41,308.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	427.9	8,044.9	40,441.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,402,697.0	25,906,784.0	121,988,916.0
18. Gross Elec Ener (MWH)	462,290.0	8,455,040.0	39,500,940.0
19. Net Elec Ener (MWH)	443,037.0	8,133,849.0	37,811,456.0
20. Unit Service Factor	57.5	91.8	78.0
21. Unit Avail Factor	57.5	91.8	78.0
22. Unit Cap Factor (MDC Net)	56.4	88.0	69.1
23. Unit Cap Factor (DER Net)	56.4	88.0	69.1
24. Unit Forced Outage Rate	42.5	8.2	4.6
25. Forced Outage Hours	316.1	715.1	1,938.7

****
* LIMERICK 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1049	16	1053
2	1051	17	1055
3	1051	18	828
4	1054	19	0
5	1055	20	0
6	1050	21	0
7	1057	22	0
8	1050	23	0
9	1046	24	0
10	1053	25	0
11	1052	26	0
12	1056	27	0
13	1038	28	0
14	926	29	0
15	1057	30	0
		31	0

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

FOURTH REFUELING OUTAGE, MARCH 21, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* LIMERICK 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
63	12/10/91	S	0.0	B	5		RB	CONROD	LOAD WAS REDUCED 3% FOR CONTROL ROD PATTERN ADJUSTMENT.
64	12/13/91	S	0.0	B	5		RB	CONROD	LOAD WAS REDUCED 9% FOR MAIN TURBINE CONTROL VALVE TESTING.
65	12/14/91	S	0.0	B	5		RB	CONROD	LOAD WAS REDUCED 30% FOR CONTROL ROD SCRAM TIME TEST.
66	12/18/91	F	316.1	A	2	91028	SD	VALVOP	THE TURBINE WAS TRIPPED AND REACTOR SCRAMMED DUE TO HPCI VALVE PROBLEMS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* LIMERICK 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... MONTGOMERY

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 21 MI NW OF PHILADELPHIA, PA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... DECEMBER 22, 1984

DATE ELEC ENER 1ST GENER..... APRIL 13, 1985

DATE COMMERCIAL OPERATE..... FEBRUARY 01, 1986

CONDENSER COOLING METHOD..... COOLING TOWER

CONDENSER COOLING WATER..... SCHUYLKILL RIVER

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

UTILITY & CONTRACTOR INFORMATION

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..... THOMAS J. KENNY

LICENSING PROJ MANAGER..... RICHARD J. CLARK

DOCKET NUMBER..... 50-352

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

1. Docket: 50-353 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: KARL MECK (215) 327-1200 EXT. 3320

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	17,352.0
13. Hours Reactor Critical	744.0	7,029.0	14,588.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,921.6	14,099.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,439,518.0	22,413,606.0	45,271,396.0
18. Gross Elec Ener (MWH)	819,550.0	7,408,620.0	14,931,636.0
19. Net Elec Ener (MWH)	789,243.0	7,141,269.0	14,373,865.0
20. Unit Service Factor	100.0	79.0	81.3
21. Unit Avail Factor	100.0	79.0	81.3
22. Unit Cap Factor (MDC Net)	100.6	77.3	78.5
23. Unit Cap Factor (DER Net)	100.6	77.3	78.5
24. Unit Forced Outage Rate	0.0	0.5	5.8
25. Forced Outage Hours	0.0	37.1	874.5

****
* LIMERICK 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1029	16	1063
2	1066	17	1068
3	1064	18	1090
4	1067	19	1044
5	1067	20	1062
6	1034	21	1064
7	1009	22	1067
8	1064	23	1059
9	1107	24	1063
10	1025	25	1070
11	1065	26	1054
12	1070	27	1074
13	1064	28	1059
14	1063	29	1060
15	1074	30	1062
		31	1059

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* LIMERICK 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
33	12/01/91	S	0.0	H	5		ZZ	ZZZZZZ	LOAD WAS REDUCED 16% PER LOAD DISPATCHER REQUEST.
34	12/06/91	S	0.0	B	5		RB	CONROD	LOAD WAS REDUCED 25% FOR CONTROL ROD PATTERN ADJUSTMENT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* LIMERICK 2 *
****

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 ELEC ENER 1ST GENER..... 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..... ROBERT A. GRAMM

LICENSING PROJ MANAGER..... RICHARD J. CLARK

DOCKET NUMBER..... 50-353

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

1. Docket: 50-309 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. L. HALL (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	162,506.0
13. Hours Reactor Critical	744.0	7,585.4	134,814.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,472.1	131,001.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,859,911.0	19,355,983.0	306,532,726.0
18. Gross Elec Ener (MWH)	612,490.0	6,465,550.0	100,748,920.0
19. Net Elec Ener (MWH)	592,118.0	6,264,366.0	96,553,973.0
20. Unit Service Factor	100.0	85.3	78.1
21. Unit Avail Factor	100.0	85.3	78.1
22. Unit Cap Factor (MDC Net)	92.5	85.1	72.0
23. Unit Cap Factor (DER Net)	91.5	84.1	70.4
24. Unit Forced Outage Rate	0.0	14.7	7.4
25. Forced Outage Hours	0.0	1287.9	10,831.7

****
* MAINE YANKEE *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	706	16	779
2	705	17	841
3	701	18	851
4	724	19	848
5	756	20	852
6	770	21	848
7	765	22	849
8	731	23	850
9	778	24	848
10	779	25	843
11	778	26	839
12	780	27	832
13	779	28	828
14	779	29	825
15	778	30	819
		31	815

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

REFUELING OUTAGE, FEBRUARY 15, 1992, EIGHT WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT SERVICE, AVAILABILITY, AND CAPACITY FACTORS (MDC & DER) CALCULATED WITH DATA SINCE INITIAL PHASE. YEAR-TO-DATE AND CUMULATIVE UNIT CAPACITY FACTORS (MDC & DER) ARE CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MAINE YANKEE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
LR TO 75	12/08/91	S	0.0	B	5		HG	HTEXCH	POWER WAS REDUCED TO 75% TO CLEAN THE CONDENSER WATERBOXES.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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..... CHARLES S. MARSCHALL

LICENSING PROJ MANAGER..... E. H. TROTTIER

DOCKET NUMBER..... 50-309

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

1. Docket: 50-369 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	88,392.0
13. Hours Reactor Critical	560.5	6,327.6	61,993.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	509.2	6,260.9	61,281.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,566,100.0	20,750,099.0	186,985,661.0
18. Gross Elec Ener (MWH)	532,234.0	7,137,390.0	64,359,825.0
19. Net Elec Ener (MWH)	504,978.0	6,842,865.0	61,431,053.0
20. Unit Service Factor	68.4	71.5	69.3
21. Unit Avail Factor	68.4	71.5	69.3
22. Unit Cap Factor (MDC Net)	60.1	69.2	60.2
23. Unit Cap Factor (DER Net)	57.5	66.2	58.9
24. Unit Forced Outage Rate	13.9	9.1	12.5
25. Forced Outage Hours	82.5	624.4	8,734.2

****
* MCGUIRE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	1134
2	0	17	1143
3	0	18	1151
4	0	19	1150
5	0	20	1149
6	0	21	1113
7	- 0	22	1102
8	0	23	1126
9	0	24	1118
10	0	25	1107
11	116	26	1148
12	324	27	1147
13	635	28	1147
14	916	29	1148
15	1125	30	1149
		31	1140

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MCGUIRE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
5	09/20/91	S	150.6	C	4		RC	FUELXX	END-OF-CYCLE "7" REFUELING OUTAGE.
6	12/07/91	F	82.5	A	9		CA	VESSEL	3.5 DAY OUTAGE EXTENSION DUE TO INSERVICE INSPECTION PROBLEMS.
9-P	12/10/91	F	0.0	A	5		HA	INSTRU	RUNBACK - TURBINE CONTROL SYSTEM
10-P	12/10/91	F	0.0	A	9		HA	INSTRU	CORRECTION OF TURBINE CONTROL SYSTEM SETPOINT.
11-P	12/10/91	S	0.0	B	9		HA	TURBIN	TURBINE SOAK.
7	12/11/91	S	1.8	B	3		HA	TURBIN	TURBINE OVERSPEED TRIP TEST.
12-P	12/11/91	S	0.0	B	9		RC	FUELXX	CORE FLUX MAPPING.
13-P	12/12/91	S	0.0	B	9		RC	FUELXX	CORE FLUX MAPPING.
14-P	12/13/91	S	0.0	B	9		IA	INSTRU	NUCLEAR INSTRUMENTATION CALIBRATION TESTING.
15-P	12/14/91	F	0.0	A	9		HH	PUMPXX	LOW CONDENSATE BOOSTER PUMP SUCTION PRESSURE.
16-P	12/14/91	F	0.0	A	5		HG	XXXXXX	HIGH OXYGEN LEVEL IN HOTWELL.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* MCGUIRE 1 *
****

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 ELEC ENER 1ST GENER.....	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.....	PETER K. VAN DOORN
LICENSING PROJ MANAGER.....	TIMOTHY A. REED
DOCKET NUMBER.....	50-369
LICENSE & DATE ISSUANCE.....	NPF 009, JULY 08, 1981

1. Docket: 50-370 OPERATING STATUS

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	68,688.0
13. Hours Reactor Critical	744.0	8,561.3	53,201.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,550.3	52,353.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,500,590.0	28,411,639.0	171,016,430.0
18. Gross Elec Ener (MWH)	886,122.0	9,901,714.0	59,830,915.0
19. Net Elec Ener (MWH)	852,618.0	9,515,965.0	57,380,411.0
20. Unit Service Factor	100.0	97.6	76.2
21. Unit Avail Factor	100.0	97.6	76.2
22. Unit Cap Factor (MDC Net)	101.5	96.2	72.9
23. Unit Cap Factor (DER Net)	97.1	92.1	70.8
24. Unit Forced Outage Rate	0.0	2.4	8.1
25. Forced Outage Hours	0.0	209.7	4,588.9

****
* MCGUIRE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1148	16	1151
2	1147	17	1156
3	1121	18	1151
4	1121	19	1150
5	1145	20	1152
6	1137	21	1152
7	1144	22	1152
8	1147	23	1154
9	1146	24	1153
10	1147	25	1152
11	1148	26	1152
12	1151	27	1145
13	1146	28	1140
14	1110	29	1151
15	1153	30	1152
		31	1152

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

REFUELING OUTAGE, JANUARY 9, 1992, 65 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MCGUIRE 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* MCGUIRE 2 *
****

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..... MAY 08, 1983

DATE ELEC ENER 1ST GENER..... 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 & 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..... PETER K. VAN DOORN

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

DOCKET NUMBER..... 50-370

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

1. Docket: 50-245 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. NEWBURGH (203) 447-1791 EXT. 4400

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): 684

8. Maximum Dependable Capacity (Net MWe): 654

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	184,872.0
13. Hours Reactor Critical	0.0	3,099.9	143,485.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,283.3
15. Hrs Generator On-Line	0.0	2,884.5	139,866.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	93.7
17. Gross Therm Ener (MWH)	0.0	5,520,143.0	262,515,387.0
18. Gross Elec Ener (MWH)	0.0	1,867,109.0	88,618,205.0
19. Net Elec Ener (MWH)	(4,065.0)	1,754,752.0	84,541,961.0
20. Unit Service Factor	0.0	32.9	75.7
21. Unit Avail Factor	0.0	32.9	75.7
22. Unit Cap Factor (MDC Net)	0.0	30.6	69.9
23. Unit Cap Factor (DER Net)	0.0	30.4	69.3
24. Unit Forced Outage Rate	100.0	48.6	11.4
25. Forced Outage Hours	744.0	2725.8	18,021.8

****
* MILLSTONE 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: 02/29/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MILLSTONE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-08A	11/14/91	F	744.0	B	4				PERFORMING ADDITIONAL PIPING INSPECTIONS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* MILLSTONE 1 *
****

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..... BWR

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

DATE ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... NORTHEAST NUCLEAR ENERGY CO.

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

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..... WILLIAM J. RAYMOND

LICENSING PROJ MANAGER..... DAVID HOWARD JAFFE

DOCKET NUMBER..... 50-245

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

1. Docket: 50-336 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: J. GIBSON (203) 447-1791 EXT. 4431

4. Licensed Thermal Power (MWt): 2700

5. Nameplate Rating (Gross MWe): 909

6. Design Electrical Rating (Net MWe): 870

7. Maximum Dependable Capacity (Gross MWe): 894

8. Maximum Dependable Capacity (Net MWe): 863

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	140,400.0
13. Hours Reactor Critical	108.7	5,141.0	102,053.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,205.5
15. Hrs Generator On-Line	82.7	4,825.0	97,168.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	468.2
17. Gross Therm Ener (MWH)	160,881.0	12,466,400.0	267,522,464.4
18. Gross Elec Ener (MWH)	51,832.5	4,136,971.5	81,576,671.0
19. Net Elec Ener (MWH)	43,036.5	3,944,728.5	78,245,778.0
20. Unit Service Factor	11.1	55.1	69.2
21. Unit Avail Factor	11.1	55.1	69.5
22. Unit Cap Factor (MDC Net)	6.7	52.2	65.4
23. Unit Cap Factor (DER Net)	6.6	51.8	64.2
24. Unit Forced Outage Rate	88.9	44.7	15.6
25. Forced Outage Hours	661.3	3898.2	17,939.1

****
* MILLSTONE 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	56
14	0	29	414
15	0	30	762
		31	809

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

REFUEL AND STEAM GENERATOR REPLACEMENT, APRIL, 1992, 160 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MILLSTONE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
10	11/06/91	F	661.3	A	2	91012	SN	PSF	CONTINUED SHUTDOWN FROM THE PREVIOUS MONTH.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* MILLSTONE 2 *
****

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 ELEC ENER 1ST GENER..... 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..... WILLIAM J. RAYMOND

LICENSING PROJ MANAGER..... GUY S. VISSING

DOCKET NUMBER..... 50-336

LICENSE & DATE ISSUANCE..... DPR 065, SEPTEMBER 30, 1975

1. Docket: 50-423 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: A. L. ELMS (203) 444-5388

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	49,896.0
13. Hours Reactor Critical	0.0	2,962.2	36,547.3
14. Rx Reserve Shtdwn Hrs	744.0	4,109.5	5,631.0
15. Hrs Generator On-Line	0.0	2,852.3	35,817.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	8,879,334.0	116,944,146.0
18. Gross Elec Ener (MWH)	0.0	3,042,285.0	40,351,261.5
19. Net Elec Ener (MWH)	(6,941.3)	2,839,852.3	38,413,461.8
20. Unit Service Factor	0.0	32.6	71.8
21. Unit Avail Factor	0.0	32.6	71.8
22. Unit Cap Factor (MDC Net)	0.0	28.5	67.5
23. Unit Cap Factor (DER Net)	0.0	28.1	66.7
24. Unit Forced Outage Rate	100.0	59.3	17.7
25. Forced Outage Hours	744.0	4150.6	7,729.1

****
* MILLSTONE 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: 01/17/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MILLSTONE 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-03	07/25/91	F	744.0	A	4	91019	BI	PSP	UNIT SHUTDOWN IN JULY DUE TO CLOGGED DIESEL GENERATOR SERVICE WATER HEAT EXCHANGER CAUSED BY MUSSELS. SERVICE WATER SYSTEM PIPING DISASSEMBLED, CLEANED AND INSPECTED. OUTAGE EXTENDED NOVEMBER 22ND FOR EROSION/CORROSION INSPECTIONS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* MILLSTONE 3 *
****

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..... JANUARY 23, 1986

DATE ELEC ENER 1ST GENER..... FEBRUARY 12, 1986

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

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... NIANTIC BAY

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..... STONE & WEBSTER

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... WILLIAM J. RAYMOND

LICENSING PROJ MANAGER..... VERNON L. ROONEY

DOCKET NUMBER..... 50-423

LICENSE & DATE ISSUANCE..... NPF 049, JANUARY 31, 1986

1. Docket: 50-263 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	179,737.0
13. Hours Reactor Critical	744.0	7,075.6	143,418.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	940.7
15. Hrs Generator On-Line	744.0	6,997.4	140,747.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,241,071.0	11,210,643.0	215,533,577.0
18. Gross Elec Ener (MWH)	419,032.0	3,761,285.0	72,889,845.0
19. Net Elec Ener (MWH)	402,691.0	3,594,971.0	69,702,218.0
20. Unit Service Factor	100.0	79.9	78.3
21. Unit Avail Factor	100.0	79.9	78.3
22. Unit Cap Factor (MDC Net)	101.0	76.6	72.4
23. Unit Cap Factor (DER Net)	99.3	75.3	71.2
24. Unit Forced Outage Rate	0.0	3.1	3.9
25. Forced Outage Hours	0.0	222.6	5,660.8

****
* MONTICELLO *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	542	16	541
2	542	17	539
3	549	18	539
4	536	19	541
5	541	20	544
6	539	21	555
7	539	22	540
8	542	23	520
9	541	24	540
10	544	25	534
11	544	26	545
12	544	27	543
13	542	28	543
14	541	29	543
15	542	30	541
		31	544

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* MONTICELLO *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* MONTICELLO *
****

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 ELEC ENER 1ST GENER..... 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..... ARMONDO S. MASCIANTONIO

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 1991 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): 625

7. Maximum Dependable Capacity (Gross MWe): 635

8. Maximum Dependable Capacity (Net MWe): 615

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	195,409.0
13. Hours Reactor Critical	642.2	6,987.8	125,587.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,204.2
15. Hrs Generator On-Line	627.1	6,858.3	122,020.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	20.4
17. Gross Therm Ener (MWH)	1,098,960.0	11,863,865.0	204,406,543.0
18. Gross Elec Ener (MWH)	377,583.0	3,994,770.0	67,797,687.0
19. Net Elec Ener (MWH)	365,528.0	3,873,511.0	65,679,351.0
20. Unit Service Factor	84.3	78.3	62.4
21. Unit Avail Factor	84.3	78.3	62.5
22. Unit Cap Factor (MDC Net)	79.9	71.9	55.1
23. Unit Cap Factor (DER Net)	78.6	70.7	54.2
24. Unit Forced Outage Rate	15.7	9.0	25.1
25. Forced Outage Hours	116.9	676.7	40,968.0

****
* NINE MILE POINT 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	597	16	587
2	596	17	608
3	595	18	604
4	216	19	603
5	0	20	605
6	0	21	602
7	0	22	606
8	0	23	606
9	163	24	604
10	456	25	605
11	579	26	605
12	582	27	608
13	596	28	602
14	588	29	606
15	527	30	605
		31	605

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* NINE MILE POINT 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
	12/04/91	F	116.9	A	3	91014			THE REACTOR SCRAMMED ON LOW WATER LEVEL DUE TO FAILURE OF THE FEEDWATER CONTROL SYSTEM.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... NOVEMBER 09, 1969

DATE COMMERCIAL OPERATE..... DECEMBER 01, 1969

CONDENSER COOLING METHOD..... ONCE.THRU

CONDENSER COOLING WATER..... LAKE ONTARIO

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... NIAGARA MOHAWK POWER CORP.

CORPORATE ADDRESS..... 301 PLAINFIELD RD
SYRACUSE, NEW YORK 13212

CONTRACTOR

ARCHITECT/ENGINEER..... NIAGARA MOHAWK POWER CORP.

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... WILLIAM ANDREW COOK

LICENSING PROJ MANAGER..... DONALD S. BRINKMAN

DOCKET NUMBER..... 50-220

LICENSE & DATE ISSUANCE..... DPR 063, DECEMBER 26, 1974

1. Docket: 50-410 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. SAUNDERSON (315) 349-4888

4. Licensed Thermal Power (MWt): 3323

5. Nameplate Rating (Gross MWe): 1214

6. Design Electrical Rating (Net MWe): 1097

7. Maximum Dependable Capacity (Gross MWe): 1159

8. Maximum Dependable Capacity (Net MWe): 1097

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

MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) AND MAXIMUM DEPENDABLE CAPACITY (NET MWE) RECALCULATED MONTHLY.

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	32,785.0
13. Hours Reactor Critical	604.0	6,971.8	19,960.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	567.1	6,486.2	18,813.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,807,413.6	20,546,699.8	56,347,499.7
18. Gross Elec Ener (MWH)	615,867.9	6,962,268.4	18,734,493.8
19. Net Elec Ener (MWH)	580,871.6	6,562,938.5	17,586,720.8
20. Unit Service Factor	76.2	74.0	57.4
21. Unit Avail Factor	76.2	74.0	57.4
22. Unit Cap Factor (MDC Net)	71.2	68.6	49.3
23. Unit Cap Factor (DER Net)	71.2	68.3	49.1
24. Unit Forced Outage Rate	23.8	19.5	23.9
25. Forced Outage Hours	176.9	1569.9	5,911.0

****
* NINE MILE POINT 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1080	16	960
2	1081	17	1086
3	1079	18	1089
4	1081	19	1088
5	1081	20	1075
6	1080	21	940
7	363	22	1059
8	0	23	1083
9	0	24	1086
10	0	25	1085
11	43	26	1084
12	56	27	1082
13	0	28	1073
14	0	29	1081
15	220	30	1083
		31	1083

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

REFUELING OUTAGE, FEBRUARY 29, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: YTD AND CUM UNIT CAPACITY FACTORS (MDC & DER) CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* NINE MILE POINT 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
9108	12/07/91	F	102.2	A	3	91022	TG		AN AUTOMATIC REACTOR SCRAM OCCURRED CAUSED BY A TURBINE GENERATOR STOP VALVE CLOSURE, WHICH WAS INITIATED BY (MOST PROBABLE CAUSE) AN ELECTROHYDRAULIC CONTROL (EHC) SYSTEM MALFUNCTION. THE MOST PROBABLE CAUSE IS A DEFECTIVE RELAY ACTUATION.
9109	12/12/91	F	74.7	G	3	91023	SJ		UNIT 2 EXPERIENCED A REACTOR SCRAM ON A REACTOR VESSEL LOW WATER LEVEL (LEVEL 3) SIGNAL. FOLLOWING STARTUP OF FEEDWATER SYSTEM PUMP 2FWS-P1A IN SUPPORT OF RAISING PLANT POWER, A CONDENSATE SYSTEM (CNM) AND FEEDWATER SYSTEM (FWS) TRANSIENT OCCURRED.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* NINE MILE POINT 2 *
****

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 ELEC ENER 1ST GENER..... 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..... WILLIAM ANDREW COOK

LICENSING PROJ MANAGER..... DONALD S. BRINKMAN

DOCKET NUMBER..... 50-410

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

1. Docket: 50-338 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C. MLADEN (703) 894-2774

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): 959

8. Maximum Dependable Capacity (Net MWe): 911

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	118,572.0
13. Hours Reactor Critical	549.8	6,697.6	86,688.5
14. Rx Reserve Shtdwn Hrs	9.5	118.1	6,721.7
15. Hrs Generator On-Line	549.0	6,551.5	83,771.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,580,202.8	17,966,536.4	222,952,772.4
18. Gross Elec Ener (MWH)	521,079.0	5,916,509.0	73,257,847.0
19. Net Elec Ener (MWH)	497,338.0	5,625,865.0	69,354,617.0
20. Unit Service Factor	73.8	74.8	70.7
21. Unit Avail Factor	73.8	74.8	70.7
22. Unit Cap Factor (MDC Net)	73.4	70.5	65.3
23. Unit Cap Factor (DER Net)	73.7	70.8	64.5
24. Unit Forced Outage Rate	26.2	11.6	12.5
25. Forced Outage Hours	195.0	860.4	11,915.7

****
* NORTH ANNA 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	911	16	910
2	911	17	911
3	911	18	907
4	911	19	907
5	912	20	910
6	911	21	909
7	911	22	910
8	911	23	705
9	911	24	0
10	910	25	0
11	911	26	0
12	911	27	0
13	902	28	0
14	910	29	0
15	910	30	0
		31	0

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

27. If Currently Shutdown, Estimated Startup Date: 03/01/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* NORTH ANNA 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-10	12/23/91	F	195.0	A	1	91022	SB	SG	UNIT SHUTDOWN REQUIRED BY T.S. 3.0.3 DUE TO DECLARING ALL THREE STEAM GENERATORS INOPERABLE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* NORTH ANNA 1 *
****

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 ELEC ENER 1ST GENER..... 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..... JAMES L. CALDWELL

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

DOCKET NUMBER..... 50-338

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

1. Docket: 50-339 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: C. MLADEN (703) 894-2774

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): 957

8. Maximum Dependable Capacity (Net MWe): 909

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	96,840.0
13. Hours Reactor Critical	744.0	8,601.6	79,735.9
14. Rx Reserve Shtdwn Hrs	0.0	107.8	6,057.4
15. Hrs Generator On-Line	744.0	8,540.1	78,774.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,151,544.8	24,568,019.7	211,817,133.1
18. Gross Elec Ener (MWH)	704,931.0	8,077,540.0	69,380,126.0
19. Net Elec Ener (MWH)	671,477.0	7,684,253.0	66,499,733.0
20. Unit Service Factor	100.0	97.5	81.3
21. Unit Avail Factor	100.0	97.5	81.3
22. Unit Cap Factor (MDC Net)	99.3	96.5	76.3
23. Unit Cap Factor (DER Net)	99.5	96.7	75.7
24. Unit Forced Outage Rate	0.0	2.5	6.2
25. Forced Outage Hours	0.0	219.9	5,240.9

****
* NORTH ANNA 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	906	16	902
2	905	17	902
3	904	18	902
4	905	19	901
5	905	20	902
6	894	21	901
7	902	22	902
8	906	23	902
9	906	24	901
10	904	25	901
11	904	26	900
12	905	27	900
13	904	28	900
14	904	29	901
15	903	30	902
		31	903

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

REFUELING/MAINTENANCE OUTAGE, FEBRUARY 1, 1992, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* NORTH ANNA 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* NORTH ANNA 2 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... JAMES L. CALDWELL

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

DOCKET NUMBER..... 50-339

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

1. Docket: 50-269 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	161,833.0
13. Hours Reactor Critical	744.0	7,287.5	123,208.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,246.7	120,710.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,912,440.0	18,323,808.0	294,652,798.0
18. Gross Elec Ener (MWH)	663,331.0	6,311,493.0	101,955,982.0
19. Net Elec Ener (MWH)	634,987.0	6,014,488.0	96,809,743.0
20. Unit Service Factor	100.0	82.7	74.6
21. Unit Avail Factor	100.0	82.7	74.6
22. Unit Cap Factor (MDC Net)	100.9	81.2	69.7
23. Unit Cap Factor (DER Net)	96.3	77.5	67.5
24. Unit Forced Outage Rate	0.0	2.6	11.1
25. Forced Outage Hours	0.0	192.9	15,015.5

****
* OCONEE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	847	16	853
2	848	17	853
3	850	18	853
4	854	19	854
5	854	20	854
6	855	21	855
7	855	22	854
8	855	23	854
9	854	24	854
10	855	25	854
11	854	26	854
12	854	27	854
13	855	28	854
14	854	29	854
15	854	30	853
		31	853

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) CALCULATED WITH WEIGHTED AVERAGES.

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* OCONEE 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* OCONEE 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... SOUTH CAROLINA

COUNTY..... OCONEE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 30 MI W OF GREENVILLE, SC

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... APRIL 19, 1973

DATE ELEC ENER 1ST GENER..... 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..... PIERCE SKINNER

LICENSING PROJ MANAGER..... LEONARD A. WIENS

DOCKET NUMBER..... 50-269

LICENSE & DATE ISSUANCE..... DPR 03B, FEBRUARY 06, 1973

1. Docket: 50-270 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	151,753.0
13. Hours Reactor Critical	744.0	8,760.0	119,345.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,760.0	117,678.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,864,368.0	22,345,296.0	284,524,886.0
18. Gross Elec Ener (MWH)	656,807.0	7,759,314.0	97,112,331.0
19. Net Elec Ener (MWH)	629,031.0	7,427,944.0	92,442,224.0
20. Unit Service Factor	100.0	100.0	77.6
21. Unit Avail Factor	100.0	100.0	77.6
22. Unit Cap Factor (MDC Net)	99.9	100.2	71.0
23. Unit Cap Factor (DER Net)	95.4	95.7	68.8
24. Unit Forced Outage Rate	0.0	0.0	9.5
25. Forced Outage Hours	0.0	0.0	12,422.4

****
* OCONEE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	848	16	846
2	846	17	848
3	843	18	847
4	842	19	846
5	841	20	850
6	842	21	850
7	843	22	853
8	843	23	853
9	846	24	853
10	846	25	853
11	846	26	850
12	847	27	847
13	847	28	846
14	847	29	844
15	846	30	844
		31	809

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

REFUELING OUTAGE, JANUARY 9, 1992, 55 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* OCONEE 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* OCONEE 2 *
****

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..... NOVEMBER 11, 1973

DATE ELEC ENER 1ST GENER..... DECEMBER 05, 1973

DATE COMMERCIAL OPERATE..... SEPTEMBER 09, 1974

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE KEOWEE

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... DUKE POWER CO.

CORPORATE ADDRESS..... 422 SOUTH CHURCH STREET
CHARLOTTE, NORTH CAROLINA 28242

CONTRACTOR

ARCHITECT/ENGINEER..... DUKE & BECHTEL

NUC STEAM SYS SUPPLIER..... BABCOCK & WILCOX

CONSTRUCTOR..... DUKE POWER

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... PIERCE SKINNER

LICENSING PROJ MANAGER..... LEONARD A. WIENS

DOCKET NUMBER..... 50-270

LICENSE & DATE ISSUANCE..... DPR 047, OCTOBER 06, 1973

1. Docket: 50-287 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. WILLIAMS (704) 373-5987

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	149,400.0
13. Hours Reactor Critical	0.0	6,740.6	113,732.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	6,694.0	112,171.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	16,938,336.0	277,584,897.0
18. Gross Elec Ener (MWH)	0.0	5,858,354.0	95,682,927.0
19. Net Elec Ener (MWH)	(6,808.0)	5,587,815.0	91,238,420.0
20. Unit Service Factor	0.0	76.4	75.1
21. Unit Avail Factor	0.0	76.4	75.1
22. Unit Cap Factor (MDC Net)	0.0	75.4	71.2
23. Unit Cap Factor (DER Net)	0.0	72.0	68.9
24. Unit Forced Outage Rate	100.0	12.9	11.2
25. Forced Outage Hours	744.0	990.6	14,150.4

****
* OCONEE 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: 01/06/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* OCONEE 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
6	11/23/91	F	185.1	A	3		ID	PIPEXX	RX COOLANT LEAK/INSTRUMENT LINE (INADEQUATE CORE COOLING MONITORING) FITTING.
7	12/08/91	F	186.9	A	9		RB	MOTORX	CONTROL ROD DRIVE MOTOR FAILURE DUE TO MOISTURE IN STATORS.
8	12/16/91	F	372.0	A	9		CF	PIPEXX	LOW PRESSURE INJECTION LINE PIPING LEAKAGE REPAIR.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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..... PIERCE SKINNER

LICENSING PROJ MANAGER..... LEONARD A. WIENS

DOCKET NUMBER..... 50-287

LICENSE & DATE ISSUANCE..... DPR 055, JULY 19, 1974

1. Docket: 50-219 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: ED BRADLEY (609) 971-4097

4. Licensed Thermal Power (MWt): 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	193,056.0
13. Hours Reactor Critical	744.0	5,297.6	124,362.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	918.2
15. Hrs Generator On-Line	744.0	5,169.3	121,082.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	1,208.6
17. Gross Therm Ener (MWH)	1,423,764.0	9,430,403.0	204,325,358.0
18. Gross Elec Ener (MWH)	483,163.0	3,079,707.0	68,685,630.0
19. Net Elec Ener (MWH)	465,689.0	2,946,656.0	65,906,688.0
20. Unit Service Factor	100.0	59.0	62.7
21. Unit Avail Factor	100.0	59.0	63.3
22. Unit Cap Factor (MDC Net)	102.6	54.7	55.1
23. Unit Cap Factor (DER Net)	96.3	51.8	52.5
24. Unit Forced Outage Rate	0.0	7.5	11.5
25. Forced Outage Hours	0.0	421.3	15,691.3

****
* OYSTER CREEK *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	623	16	626
2	624	17	623
3	621	18	628
4	627	19	629
5	628	20	630
6	629	21	629
7	627	22	629
8	625	23	629
9	624	24	626
10	627	25	626
11	627	26	615
12	628	27	620
13	628	28	625
14	628	29	625
15	627	30	625
		31	626

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: YTD AND CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH WEIGHTED AVERAGE. LICENSEE REVISED JUNE THROUGH NOV. 1991 REPORTS GROSS THERMAL ENERGY RAISING YTD VALUE BY 79,712 MW AND MDC GROSS FROM 642 TO 632, NET FROM 620 TO 610.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* OYSTER CREEK *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* OYSTER CREEK *
****

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 ELEC ENER 1ST GENER..... 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..... ELMO J. COLLINS

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

DOCKET NUMBER..... 50-219

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

1. Docket: 50-255 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. M. HANDLOVITS (616) 764-8913 EXT. 0185

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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	175,623.0
13. Hours Reactor Critical	628.4	6,845.5	97,046.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	619.4	6,693.9	92,911.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,513,368.0	15,902,168.0	196,654,613.0
18. Gross Elec Ener (MWH)	496,580.0	5,142,140.0	61,778,675.0
19. Net Elec Ener (MWH)	471,674.0	4,873,835.0	58,171,958.0
20. Unit Service Factor	83.3	76.4	52.9
21. Unit Avail Factor	83.3	76.4	52.9
22. Unit Cap Factor (MDC Net)	86.8	76.2	49.9
23. Unit Cap Factor (DER Net)	78.8	69.1	41.1
24. Unit Forced Outage Rate	16.7	4.5	31.4
25. Forced Outage Hours	124.6	316.2	42,592.3

****
* PALISADES *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	791	16	687
2	792	17	791
3	791	18	793
4	790	19	794
5	789	20	788
6	791	21	796
7	787	22	792
8	785	23	792
9	560	24	791
10	0	25	790
11	0	26	791
12	0	27	792
13	0	28	792
14	0	29	783
15	213	30	796
		31	797

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

REFUELING OUTAGE, FEBRUARY 22, 1992, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH A WEIGHTED AVERAGE. MAXIMUM DEPENDABLE CAPACITIES (GROSS & NET) BASED ON CONDENSER BACKPRESSURE.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PALISADES *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
08	12/09/91	F	124.6	A	3	91001			MAIN GENERATOR SEAL OIL PRESSURE DECREASE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* PALISADES *
****

FACILITY DESCRIPTION

LOCATION

STATE..... MICHIGAN

COUNTY..... VANBUREN

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 5 MI S OF SOUTH HAVEN, MI

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MAY 24, 1971

DATE ELEC ENER 1ST GENER..... DECEMBER 31, 1971

DATE COMMERCIAL OPERATE..... DECEMBER 31, 1971

CONDENSER COOLING METHOD..... COOLING TOWERS

CONDENSER COOLING WATER..... LAKE MICHIGAN

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... CONSUMERS POWER CO.

CORPORATE ADDRESS..... 212 WEST MICHIGAN AVENUE
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..... ERIC R. SWANSON

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

DOCKET NUMBER..... 50-255

LICENSE & DATE ISSUANCE..... DPR 020, OCTOBER 16, 1972

1. Docket: 50-528 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: K. A. CHAVET (602) 340-4718

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	51,936.0
13. Hours Reactor Critical	744.0	7,598.9	29,059.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,568.5	28,322.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,822,439.0	28,470,155.0	103,864,256.0
18. Gross Elec Ener (MWH)	980,400.0	9,876,100.0	36,048,700.0
19. Net Elec Ener (MWH)	928,678.0	9,312,140.0	33,824,792.0
20. Unit Service Factor	100.0	86.4	54.5
21. Unit Avail Factor	100.0	86.4	54.5
22. Unit Cap Factor (MDC Net)	102.2	87.1	53.3
23. Unit Cap Factor (DER Net)	98.3	83.7	51.3
24. Unit Forced Outage Rate	0.0	2.8	20.2
25. Forced Outage Hours	0.0	220.4	7,180.1

****
* PALO VERDE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1245	16	1251
2	1246	17	1251
3	1246	18	1249
4	1244	19	1250
5	1252	20	1250
6	1254	21	1242
7	1253	22	1248
8	1252	23	1248
9	1251	24	1248
10	1248	25	1249
11	1250	26	1251
12	1252	27	1241
13	1252	28	1220
14	1250	29	1248
15	1251	30	1249
		31	1250

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

REFUELING OUTAGE, FEBRUARY 15, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PALO VERDE 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* PALO VERDE 1 *
****

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 ELEC ENER 1ST GENER..... 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..... DOUGLAS H. COE

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

DOCKET NUMBER..... 50-528

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

1. Docket: 50-529 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: K. A. CHAVET (602) 340-4718

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	46,320.0
13. Hours Reactor Critical	0.0	6,718.5	31,345.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	6,690.9	30,714.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	25,224,817.0	112,946,218.0
18. Gross Elec Ener (MWH)	0.0	8,778,500.0	39,406,070.0
19. Net Elec Ener (MWH)	0.0	8,265,186.0	36,890,215.0
20. Unit Service Factor	0.0	76.4	66.3
21. Unit Avail Factor	0.0	76.4	66.3
22. Unit Cap Factor (MDC Net)	0.0	77.3	65.2
23. Unit Cap Factor (DER Net)	0.0	74.3	62.7
24. Unit Forced Outage Rate	0.0	3.5	7.4
25. Forced Outage Hours	0.0	246.1	2,445.5

****
* PALO VERDE 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

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

27. If Currently Shutdown, Estimated Startup Date: 01/08/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PALO VERDE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-06	10/17/91	S	744.0	C	4		RC	FUELXX	UNIT SHUTDOWN FOR SCHEDULED REFUELING OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

PALO VERDE 2

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 ELEC ENER 1ST GENER.....	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
NUC STEAM SYS SUPPLIER.....	COMBUSTION ENGINEERING
CONSTRUCTOR.....	BECHTEL
TURBINE SUPPLIER.....	GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....	5
IE RESIDENT INSPECTOR.....	DOUGLAS H. COE
LICENSING PROJ MANAGER.....	CHARLES M. TRAMMELL, III
DOCKET NUMBER.....	50-529
LICENSE & DATE ISSUANCE.....	NPF 051, APRIL 24, 1986

1. Docket: 50-530 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: K. A. CHAVET (602) 340-4718

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	34,896.0
13. Hours Reactor Critical	744.0	6,418.0	23,997.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,276.2	23,599.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,813,447.0	22,905,182.0	86,511,409.0
18. Gross Elec Ener (MWH)	992,700.0	8,010,400.0	30,318,700.0
19. Net Elec Ener (MWH)	938,700.0	7,518,450.0	28,517,925.0
20. Unit Service Factor	100.0	71.6	67.6
21. Unit Avail Factor	100.0	71.6	67.6
22. Unit Cap Factor (MDC Net)	103.3	70.3	66.9
23. Unit Cap Factor (DER Net)	99.3	67.6	64.3
24. Unit Forced Outage Rate	0.0	10.4	9.3
25. Forced Outage Hours	0.0	731.7	2,405.6

****
* PALO VERDE 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1109	16	1268
2	1262	17	1268
3	1270	18	1266
4	1271	19	1269
5	1270	20	1271
6	1269	21	1269
7	1269	22	1269
8	1267	23	1270
9	1265	24	1268
10	1264	25	1269
11	1266	26	1269
12	1270	27	1260
13	1271	28	1241
14	1272	29	1267
15	1270	30	1268
		31	1271

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PALO VERDE 3 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* PALO VERDE 3 *
****

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 ELEC ENER 1ST GENER..... 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..... DOUGLAS H. COE

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

DOCKET NUMBER..... 50-530

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

1. Docket: 50-277 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. J. BARON (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	153,336.0
13. Hours Reactor Critical	471.6	5,553.3	92,254.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	414.3	5,252.4	88,837.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,302,768.0	16,122,696.0	262,539,729.0
18. Gross Elec Ener (MWH)	433,200.0	5,280,300.0	86,288,590.0
19. Net Elec Ener (MWH)	416,063.0	5,062,587.0	82,617,233.0
20. Unit Service Factor	55.7	60.0	57.9
21. Unit Avail Factor	55.7	60.0	57.9
22. Unit Cap Factor (MDC Net)	53.0	54.8	51.1
23. Unit Cap Factor (DER Net)	52.5	54.3	50.6
24. Unit Forced Outage Rate	44.3	18.4	14.6
25. Forced Outage Hours	329.7	1187.5	15,207.7

****
* PEACH BOTTOM 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1066	16	0
2	1066	17	0
3	1065	18	0
4	1048	19	0
5	906	20	653
6	6	21	1002
7	0	22	1062
8	0	23	1066
9	0	24	1067
10	0	25	1067
11	0	26	1067
12	0	27	1067
13	0	28	1068
14	0	29	1067
15	0	30	1058
		31	1058

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PEACH BOTTOM 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
23	12/05/91	F	304.7	A	1	91039	CF	VALVEX	REPAIR RHR VALVES.
24	12/18/91	F	25.0	H	1		CB	MOTORX	RECIRC PUMP HIGH OIL LEVEL.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* PEACH BOTTOM 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... YORK & LANCASTER COS

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17.9 MI S. OF LANCASTER, PA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... SEPTEMBER 16, 1973

DATE ELEC ENER 1ST GENER..... FEBRUARY 18, 1974

DATE COMMERCIAL OPERATE..... JULY 05, 1974

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... SUSQUEHANNA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... 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..... JEFFREY J. LYASH

LICENSING PROJ MANAGER..... JOSEPH W. SHEA

DOCKET NUMBER..... 50-277

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

1. Docket: 50-278 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. J. BARON (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): 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	149,232.0
13. Hours Reactor Critical	0.0	5,359.2	90,362.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	5,214.4	87,305.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	16,241,424.0	256,093,930.0
18. Gross Elec Ener (MWH)	0.0	5,327,000.0	84,002,532.0
19. Net Elec Ener (MWH)	(5,902.0)	5,106,345.0	80,482,917.0
20. Unit Service Factor	0.0	59.5	58.5
21. Unit Avail Factor	0.0	59.5	58.5
22. Unit Cap Factor (MDC Net)	0.0	56.3	52.1
23. Unit Cap Factor (DER Net)	0.0	54.7	50.6
24. Unit Forced Outage Rate	0.0	15.1	12.7
25. Forced Outage Hours	0.0	929.5	12,660.6

****
* PEACH BOTTOM 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: 01/01/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PEACH BOTTOM 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
16	09/19/91	S	744.0	C	4		RC	FUELXX	PLANNED REFUELING OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* PEACH BOTTOM 3 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... YORK & LANCASTER COS

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17.9 MI S. OF LANCASTER, PA

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... AUGUST 07, 1974

DATE ELEC ENER 1ST GENER..... SEPTEMBER 01, 1974

DATE COMMERCIAL OPERATE..... DECEMBER 23, 1974

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... SUSQUEHANNA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... 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..... JEFFREY J. LYASH

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

DOCKET NUMBER..... 50-278

LICENSE & DATE ISSUANCE..... DPR 056, JULY 02, 1974

1. Docket: 50-440 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	36,108.0
13. Hours Reactor Critical	506.1	8,054.6	26,682.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	506.1	7,951.3	25,893.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,810,414.0	27,463,091.0	88,632,889.0
18. Gross Elec Ener (MWH)	621,555.0	9,410,388.0	30,494,802.0
19. Net Elec Ener (MWH)	593,108.0	8,975,668.0	28,951,154.0
20. Unit Service Factor	68.0	90.8	71.7
21. Unit Avail Factor	68.0	90.8	71.7
22. Unit Cap Factor (MDC Net)	68.4	87.9	69.9
23. Unit Cap Factor (DER Net)	66.9	86.0	67.3
24. Unit Forced Outage Rate	32.0	8.4	8.1
25. Forced Outage Hours	237.9	724.5	2,283.4

****
* PERRY *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1173	16	1182
2	1174	17	1177
3	1173	18	1181
4	1180	19	1181
5	1181	20	1178
6	1180	21	1175
7	1171	22	95
8	1164	23	0
9	1174	24	0
10	1176	25	0
11	1174	26	0
12	1167	27	0
13	1169	28	0
14	1175	29	0
15	1179	30	0
		31	0

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

REFUELING OUTAGE, MARCH 21, 1992, 58 DAYS.

27. If Currently Shutdown, Estimated Startup Date: 01/05/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PERRY *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-10	12/22/91	F	237.9	A	2	91027	KE	PSX	RUPTURE OF A NON-ISOLABLE 36" CIRCULATING WATER PIPE ELBOW RESULTED IN THE UNIT BEING SHUTDOWN VIA A MANUAL SCRAM.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... KAISER ENGINEERS

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... PATRICK L. HILAND

LICENSING PROJ MANAGER..... JAMES RANDALL HALL

DOCKET NUMBER..... 50-440

LICENSE & DATE ISSUANCE..... NPF 058, NOVEMBER 13, 1986

1. Docket: 50-293 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	167,088.0
13. Hours Reactor Critical	744.0	5,759.9	98,360.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,586.8	94,502.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,464,384.0	10,362,984.0	163,704,480.0
18. Gross Elec Ener (MWH)	507,880.0	3,558,900.0	55,206,414.0
19. Net Elec Ener (MWH)	489,138.0	3,424,540.0	53,050,948.0
20. Unit Service Factor	100.0	63.8	56.6
21. Unit Avail Factor	100.0	63.8	56.6
22. Unit Cap Factor (MDC Net)	98.1	58.3	47.4
23. Unit Cap Factor (DER Net)	100.4	59.7	48.5
24. Unit Forced Outage Rate	0.0	10.5	12.6
25. Forced Outage Hours	0.0	653.2	13,637.6

****
* PILGRIM *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	668	16	667
2	667	17	669
3	669	18	669
4	668	19	669
5	629	20	670
6	561	21	668
7	665	22	670
8	668	23	669
9	667	24	668
10	666	25	668
11	666	26	668
12	668	27	668
13	666	28	667
14	667	29	667
15	667	30	541
		31	621

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PILGRIM *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* PILGRIM *
****

FACILITY DESCRIPTION

LOCATION

STATE.....	MASSACHUSETTS
COUNTY.....	PLYMOUTH
DIST AND DIRECTION FROM NEAREST POPULATION CTR.....	4 MI SE OF PLYMOUTH, MA
TYPE OF REACTOR.....	BWR
DATE INITIAL CRITICALITY.....	JUNE 16, 1972
DATE ELEC ENER 1ST GENER.....	JULY 19, 1972
DATE COMMERCIAL OPERATE.....	DECEMBER 01, 1972
CONDENSER COOLING METHOD.....	ONCE THRU
CONDENSER COOLING WATER.....	CAPE COD BAY
ELECTRIC RELIABILITY COUNCIL.....	NORTHEASTERN POWER COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.....	BOSTON EDISON CO.
CORPORATE ADDRESS.....	800 BOYLSTON STREET BOSTON, MASSACHUSETTS 02199

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....	1
IE RESIDENT INSPECTOR.....	JOHN B. MACDONALD
LICENSING PROJ MANAGER.....	RONALD B. EATON
DOCKET NUMBER.....	50-293
LICENSE & DATE ISSUANCE.....	DPR 035, SEPTEMBER 15, 1972

1. Docket: 50-266 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. C. PETERSON (414) 755-2321 EXT. 361

4. Licensed Thermal Power (MWt): 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	185,424.0
13. Hours Reactor Critical	744.0	7,622.9	153,390.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	652.7
15. Hrs Generator On-Line	744.0	7,525.1	150,428.7
16. Unit Reserve Shtdwn Hrs	0.0	9.0	846.9
17. Gross Therm Ener (MWH)	1,091,753.0	11,243,308.0	210,650,003.0
18. Gross Elec Ener (MWH)	368,860.0	3,801,350.0	71,103,730.0
19. Net Elec Ener (MWH)	353,157.0	3,628,733.0	67,749,773.0
20. Unit Service Factor	100.0	85.9	81.1
21. Unit Avail Factor	100.0	86.0	81.6
22. Unit Cap Factor (MDC Net)	97.9	85.4	74.9
23. Unit Cap Factor (DER Net)	95.5	83.3	73.5
24. Unit Forced Outage Rate	0.0	1.3	1.7
25. Forced Outage Hours	0.0	100.1	2,605.7

****
* POINT BEACH 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	467	16	492
2	446	17	483
3	495	18	491
4	496	19	488
5	496	20	497
6	496	21	492
7	495	22	493
8	496	23	493
9	495	24	491
10	495	25	459
11	494	26	458
12	496	27	492
13	387	28	493
14	246	29	493
15	414	30	493
		31	494

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

REFUELING AND MAINTENANCE OUTAGE 19, APRIL 10, 1992, 42 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: DATA REPORTED AND FACTORS CALCULATED AS REQUESTED IN NRC LETTER DATED SEPTEMBER 22, 1977. CUMULATIVE UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* POINT BEACH 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
9	12/13/91	F	0.0	F	5		WE	HTEXCH	POWER REDUCTION FOR CONDENSER TUBE INSPECTION AND REPAIR.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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..... CLARK L. VANDERNIET

LICENSING PROJ MANAGER..... ROBERT B. SAMWORTH

DOCKET NUMBER..... 50-266

LICENSE & DATE ISSUANCE..... DPR 024, OCTOBER 05, 1970

1. Docket: 50-301 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: D. C. PETERSON (414) 755-2321 EXT. 361

4. Licensed Thermal Power (MWt): 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	170,209.0
13. Hours Reactor Critical	733.0	7,645.2	148,729.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	216.7
15. Hrs Generator On-Line	726.4	7,570.1	146,489.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	302.2
17. Gross Therm Ener (MWH)	1,064,971.0	11,302,748.0	209,467,157.0
18. Gross Elec Ener (MWH)	362,530.0	3,862,120.0	71,159,380.0
19. Net Elec Ener (MWH)	346,784.0	3,687,712.0	67,819,778.0
20. Unit Service Factor	97.6	86.4	86.1
21. Unit Avail Factor	97.6	86.4	86.2
22. Unit Cap Factor (MDC Net)	96.1	86.8	81.5
23. Unit Cap Factor (DER Net)	93.8	84.7	80.2
24. Unit Forced Outage Rate	2.4	0.6	1.1
25. Forced Outage Hours	17.6	46.9	1,650.9

****
* POINT BEACH 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	500	16	422
2	496	17	205
3	499	18	147
4	498	19	496
5	499	20	498
6	500	21	500
7	498	22	501
8	498	23	501
9	498	24	498
10	498	25	500
11	498	26	500
12	500	27	500
13	499	28	500
14	448	29	501
15	251	30	500
		31	501

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) CALCULATED WITH A WEIGHTED AVERAGE.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* POINT BEACH 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
2	12/14/91	F	0.0	F	5		WE	HTEXCH	POWER REDUCTION FOR CONDENSER TUBE INSPECTION AND REPAIR.
3	12/17/91	F	17.6	A	3	91006	IA	ELECON	SUPPLY LEAD TO A DC BREAKER WAS PULLED LOOSE WHILE PULLING CABLE, CAUSING REACTOR PROTECTION CIRCUITS TO DEENERGIZE, WHICH CAUSED THE REACTOR TO TRIP.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* POINT BEACH 2 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... CLARK L. VANDERNIET

LICENSING PROJ MANAGER..... ROBERT B. SAMWORTH

DOCKET NUMBER..... 50-301

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

1. Docket: 50-282 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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): 534

8. Maximum Dependable Capacity (Net MWe): 503

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	158,160.0
13. Hours Reactor Critical	744.0	7,988.3	134,948.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	5,571.1
15. Hrs Generator On-Line	744.0	7,943.8	133,356.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,222,381.0	12,643,826.0	210,305,980.0
18. Gross Elec Ener (MWH)	414,080.0	4,224,940.0	69,087,850.0
19. Net Elec Ener (MWH)	394,181.0	3,983,680.0	64,866,691.0
20. Unit Service Factor	100.0	90.7	84.3
21. Unit Avail Factor	100.0	90.7	84.3
22. Unit Cap Factor (MDC Net)	105.3	90.4	81.5
23. Unit Cap Factor (DER Net)	100.0	85.8	77.4
24. Unit Forced Outage Rate	0.0	1.2	5.4
25. Forced Outage Hours	0.0	99.8	7,640.1

****
* PRAIRIE ISLAND 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	531	16	529
2	530	17	530
3	528	18	530
4	530	19	532
5	529	20	527
6	531	21	530
7	532	22	530
8	529	23	527
9	528	24	532
10	530	25	531
11	530	26	528
12	530	27	531
13	529	28	529
14	533	29	530
15	528	30	532
		31	528

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

MAINTENANCE AND REFUELING OUTAGE, OCTOBER 21, 1992, 30 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PRAIRIE ISLAND 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... DECEMBER 04, 1973

DATE COMMERCIAL OPERATE..... DECEMBER 16, 1973

CONDENSER COOLING METHOD..... COOLING TOWERS

CONDENSER COOLING WATER..... MISSISSIPPI RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... NORTHERN STATES POWER CO.

CORPORATE ADDRESS..... 414 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

CONTRACTOR

ARCHITECT/ENGINEER..... FLUOR PIONEER, INC.

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... NORTHERN STATES POWER COMPANY

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... PAUL L. HARTMANN

LICENSING PROJ MANAGER..... ARMONDO S. MASCIANTONIO

DOCKET NUMBER..... 50-282

LICENSE & DATE ISSUANCE..... DPR 042, APRIL 05, 1974

1. Docket: 50-306 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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): 531

8. Maximum Dependable Capacity (Net MWe): 500

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	149,278.0
13. Hours Reactor Critical	744.0	8,760.0	132,447.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,516.1
15. Hrs Generator On-Line	744.0	8,760.0	131,131.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,224,602.0	14,299,149.0	207,766,147.0
18. Gross Elec Ener (MWH)	409,800.0	4,739,180.0	67,518,590.0
19. Net Elec Ener (MWH)	390,346.0	4,480,404.0	63,841,895.0
20. Unit Service Factor	100.0	100.0	87.8
21. Unit Avail Factor	100.0	100.0	87.8
22. Unit Cap Factor (MDC Net)	104.9	102.3	85.5
23. Unit Cap Factor (DER Net)	99.0	96.5	80.7
24. Unit Forced Outage Rate	0.0	0.0	3.0
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	526	16	524
2	522	17	525
3	527	18	525
4	523	19	526
5	524	20	522
6	527	21	525
7	526	22	526
8	525	23	522
9	522	24	526
10	525	25	525
11	525	26	523
12	524	27	530
13	525	28	520
14	528	29	525
15	523	30	524
		31	526

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

MAINTENANCE AND REFUELING OUTAGE, FEBRUARY 19, 1992, 20 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* PRAIRIE ISLAND 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* PRAIRIE ISLAND 2 *
****

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 17, 1974

DATE ELEC ENER 1ST GENER..... 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..... PAUL L. HARTMANN

LICENSING PROJ MANAGER..... ARMONDO S. MASCIANTONIO

DOCKET NUMBER..... 50-306

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

1. Docket: 50-254 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: SCOTT WOODRUFF (309) 654-2241 EXT. 2936

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	172,871.0
13. Hours Reactor Critical	648.5	5,030.2	136,512.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,421.9
15. Hrs Generator On-Line	616.9	4,861.8	132,231.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	909.2
17. Gross Therm Ener (MWH)	1,404,497.0	11,335,584.0	284,067,024.6
18. Gross Elec Ener (MWH)	457,366.0	3,680,482.0	92,074,336.0
19. Net Elec Ener (MWH)	440,554.0	3,535,127.0	86,709,368.0
20. Unit Service Factor	82.9	55.5	76.5
21. Unit Avail Factor	82.9	55.5	77.0
22. Unit Cap Factor (MDC Net)	77.0	52.5	65.2
23. Unit Cap Factor (DER Net)	75.0	51.1	63.6
24. Unit Forced Outage Rate	17.1	17.7	5.7
25. Forced Outage Hours	127.1	1047.0	8,020.1

****
* QUAD CITIES 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-8	16	610
2	429	17	-3
3	767	18	378
4	797	19	787
5	795	20	735
6	799	21	764
7	792	22	755
8	497	23	711
9	701	24	751
10	792	25	590
11	109	26	788
12	-8	27	768
13	-8	28	792
14	525	29	689
15	734	30	725
		31	793

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: LICENSEE REVISED NET ELECTRICAL ON MAY AND AUGUST 1991 REPORTS FROM 340254 TO 340064 MWH AND 540719 TO 545230 MWH RESPECTIVELY.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* QUAD CITIES 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-19	11/29/91	F	28.3	B	4				CONTINUATION OF 250V BATTERY WORK FROM PREVIOUS MONTH.
91-20	12/11/91	F	71.8	H	2				TURBINE TRIP ON HIGH WATER LEVEL - REACTOR SCRAMMED.
91-21	12/17/91	F	27.0	B	2				UNIT SHUTDOWN FOR BUS 14-1 TO BE DEENERGIZED.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* QUAD CITIES 1 *
****

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 ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... UNITED ENG. & CONSTRUCTORS

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 3

IE RESIDENT INSPECTOR..... RONALD L. HIGGINS

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

DOCKET NUMBER..... 50-254

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

1. Docket: 50-265 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: SCOTT WOODRUFF (309) 654-2241 EXT. 2936

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	171,308.0
13. Hours Reactor Critical	744.0	7,794.5	133,483.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,985.8
15. Hrs Generator On-Line	744.0	7,732.9	130,019.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	702.9
17. Gross Therm Ener (MWH)	1,213,142.0	16,852,566.0	280,083,887.0
18. Gross Elec Ener (MWH)	396,465.0	5,468,983.0	89,930,190.0
19. Net Elec Ener (MWH)	381,810.0	5,304,163.0	85,134,715.0
20. Unit Service Factor	100.0	88.3	75.9
21. Unit Avail Factor	100.0	88.3	76.3
22. Unit Cap Factor (MDC Net)	66.7	78.7	64.6
23. Unit Cap Factor (DER Net)	65.0	76.7	63.0
24. Unit Forced Outage Rate	0.0	11.7	8.1
25. Forced Outage Hours	0.0	1027.1	11,444.0

****
* QUAD CITIES 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	518	16	525
2	552	17	529
3	548	18	521
4	542	19	520
5	540	20	515
6	505	21	514
7	484	22	510
8	488	23	508
9	483	24	505
10	475	25	502
11	549	26	500
12	536	27	498
13	532	28	495
14	529	29	492
15	528	30	490
		31	463

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: LICENSEE REVISED NET ELECTRICAL ON MAY 1991 REPORT FROM 536538 TO 554986 MWH. LICENSEE REVISED NET ELECTRICAL ON AUGUST 1991 REPORT FROM 540179 TO 540719.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* QUAD CITIES 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* QUAD CITIES 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... ILLINOIS

COUNTY..... ROCK ISLAND

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 20 MI NE OF MOLINE, IL

TYPE OF REACTOR..... BWR

DATE INITIAL CRITICALITY..... APRIL 26, 1972

DATE ELEC ENER 1ST GENER..... 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 & 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..... RONALD L. HIGGINS

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

DOCKET NUMBER..... 50-265

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

1. Docket: 50-312 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. E. JONES (916) 452-3211

4. Licensed Thermal Power (MWt): 2772

5. Nameplate Rating (Gross MWe): 963

6. Design Electrical Rating (Net MWe): 918

7. Maximum Dependable Capacity (Gross MWe): 917

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	146,448.0
13. Hours Reactor Critical	0.0	0.0	62,221.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	12,736.6
15. Hrs Generator On-Line	0.0	0.0	57,811.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	3,647.5
17. Gross Therm Ener (MWH)	0.0	0.0	141,951,953.0
18. Gross Elec Ener (MWH)	0.0	0.0	46,223,924.0
19. Net Elec Ener (MWH)	(2,405.0)	(28,061.0)	42,390,678.0
20. Unit Service Factor	0.0	0.0	39.5
21. Unit Avail Factor	0.0	0.0	42.0
22. Unit Cap Factor (MDC Net)	0.0	0.0	33.2
23. Unit Cap Factor (DER Net)	0.0	0.0	31.5
24. Unit Forced Outage Rate	0.0	0.0	42.7
25. Forced Outage Hours	0.0	0.0	43,080.9

****
* RANCHO SECO *
****

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:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* RANCHO SECO *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
1	06/07/89	S	744.0	F	4				PLANT SHUTDOWN JUNE 7, 1989, FOLLOWING NEGATIVE OUTCOME OF PUBLIC VOTE REGARDING CONTINUED OPERATION OF RANCHO SECO BY SMUD.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* RANCHO SECO *
****

FACILITY DESCRIPTION

LOCATION

STATE.....	CALIFORNIA
COUNTY.....	SACRAMENTO
DIST AND DIRECTION FROM NEAREST POPULATION CTR.....	25 MI SE OF SACRAMENTO, CA
TYPE OF REACTOR.....	PWR
DATE INITIAL CRITICALITY.....	SEPTEMBER 16, 1974
DATE ELEC ENER 1ST GENER.....	OCTOBER 13, 1974
DATE COMMERCIAL OPERATE.....	APRIL 17, 1975
CONDENSER COOLING METHOD.....	COOLING TOWERS
CONDENSER COOLING WATER.....	FOLSOM CANAL
ELECTRIC RELIABILITY COUNCIL.....	WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.....	SACRAMENTO MUN. UTIL. DISTRICT
CORPORATE ADDRESS.....	6201 S STREET P.O. BOX 15830 SACRAMENTO, CALIFORNIA 95813

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....	5
IE RESIDENT INSPECTOR.....	ANTHONY J. D'ANGELO
LICENSING PROJ MANAGER.....	STEWART BROWN
DOCKET NUMBER.....	50-312
LICENSE & DATE ISSUANCE.....	DPR 054, AUGUST 16, 1974

1. Docket: 50-458 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. F. HENDL (504) 381-4732

4. Licensed Thermal Power (MWt): 2894

5. Nameplate Rating (Gross MWe): 936

6. Design Electrical Rating (Net MWe): 936

7. Maximum Dependable Capacity (Gross MWe): 936

8. Maximum Dependable Capacity (Net MWe): 936

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	53,279.0
13. Hours Reactor Critical	183.2	7,642.4	41,052.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	161.8	7,508.5	38,691.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	462,796.0	21,146,922.0	102,319,423.0
18. Gross Elec Ener (MWH)	154,040.0	7,136,386.0	34,589,498.7
19. Net Elec Ener (MWH)	144,695.0	6,687,202.0	32,368,952.0
20. Unit Service Factor	21.7	85.7	75.1
21. Unit Avail Factor	21.7	85.7	75.1
22. Unit Cap Factor (MDC Net)	20.8	81.6	69.1
23. Unit Cap Factor (DER Net)	20.8	81.6	69.1
24. Unit Forced Outage Rate	78.3	11.6	8.8
25. Forced Outage Hours	582.2	980.7	3,536.9

****
* RIVER BEND *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	885	16	0
2	872	17	0
3	931	18	0
4	934	19	0
5	933	20	0
6	924	21	0
7	551	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):

REFUELING OUTAGE, MARCH 15, 1992, 156 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE VALUES FOR ITEMS 12, 13, 15 AND 17-19 ARE CALCULATED USING PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* RIVER BEND *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-12	12/07/91	F	582.2	H	1				MAIN GENERATOR STATOR COOLER LEAKAGE WITH RETAINING RING MATERIAL SUSCEPTIBLE TO STRESS CORROSION CRACKING IN A MOIST ENVIRONMENT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* RIVER BEND *
****

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 ELEC ENER 1ST GENER.....	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.....	EDWARD J. FORD
LICENSING PROJ MANAGER.....	DOUGLAS V. PICKETT
DOCKET NUMBER.....	50-458
LICENSE & DATE ISSUANCE.....	NPF 047, NOVEMBER 20, 1985

1. Docket: 50-261 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: JACKIE GROOMS (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	182,664.0
13. Hours Reactor Critical	744.0	7,131.0	128,389.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,314.7
15. Hrs Generator On-Line	744.0	7,048.6	125,521.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	23.2
17. Gross Therm Ener (MWH)	1,687,883.5	15,340,460.7	253,873,930.0
18. Gross Elec Ener (MWH)	566,810.0	5,038,299.0	82,258,234.0
19. Net Elec Ener (MWH)	541,043.0	4,787,455.0	77,684,933.0
20. Unit Service Factor	100.0	80.5	68.7
21. Unit Avail Factor	100.0	80.5	68.7
22. Unit Cap Factor (MDC Net)	106.5	80.0	62.3
23. Unit Cap Factor (DER Net)	103.9	78.1	60.8
24. Unit Forced Outage Rate	0.0	1.3	14.9
25. Forced Outage Hours	0.0	90.4	22,004.4

****
* ROBINSON 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	734	16	735
2	734	17	736
3	717	18	736
4	661	19	736
5	733	20	737
6	734	21	738
7	736	22	738
8	734	23	738
9	734	24	567
10	734	25	734
11	733	26	735
12	735	27	737
13	735	28	739
14	735	29	739
15	736	30	738
		31	738

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

REFUELING OUTAGE, MARCH 28, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ROBINSON 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
1201	12/03/91	F	0.0	B	5		HH	VALVEX	RAMP DOWN TO 60% POWER TO TROUBLESHOOT/REPAIR LCV-1530A VALVE POSITIONER.
1203	12/24/91	F	0.0	B	5			VALVEX	RAMP DOWN FROM FULL POWER TO PERFORM OST-551, MONTHLY TURBINE VALVE TEST.
1205	12/24/91	F	0.0	B	5		PC	PUMPXX	COMMENCED UNIT SHUTDOWN, FROM 90% POWER DUE TO "A" BORIC ACID XFER PUMP 24 HOUR LCO. "A" BORIC ACID XFER PUMP WAS RETURNED TO SERVICE PER OWP CVC-6 AND EE 91-151. EXITED LCO ACTION STATEMENT. UNIT SHUTDOWN WAS STOPPED AT 51% POWER.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* ROBINSON 2 *
****

FACILITY DESCRIPTION

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 ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

ARCHITECT/ENGINEER..... EBASCO

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... EBASCO

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... LARRY L. GARNER

LICENSING PROJ MANAGER..... RONNIE H. LO

DOCKET NUMBER..... 50-261

LICENSE & DATE ISSUANCE..... DPR 023, SEPTEMBER 23, 1970

1. Docket: 50-272 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	127,153.0
13. Hours Reactor Critical	744.0	6,636.8	83,600.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,480.5	81,048.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,515,939.2	21,434,040.0	255,496,425.2
18. Gross Elec Ener (MWH)	851,970.0	7,127,990.0	84,840,630.0
19. Net Elec Ener (MWH)	818,771.0	6,807,901.0	80,776,573.0
20. Unit Service Factor	100.0	74.0	63.7
21. Unit Avail Factor	100.0	74.0	63.7
22. Unit Cap Factor (MDC Net)	99.5	70.3	57.4
23. Unit Cap Factor (DER Net)	98.7	69.7	57.0
24. Unit Forced Outage Rate	0.0	4.2	21.3
25. Forced Outage Hours	0.0	285.1	21,988.2

****
* SALEM 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1120	16	1120
2	1113	17	1113
3	1121	18	1066
4	1121	19	1092
5	1092	20	1119
6	1118	21	1119
7	1120	22	959
8	1120	23	1023
9	1102	24	1092
10	1102	25	1113
11	1112	26	1116
12	1121	27	1079
13	1109	28	1112
14	1112	29	1116
15	1062	30	1117
		31	1117

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

REFUELING OUTAGE, APRIL 4, 1992, 67 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SALEM 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
0084	12/22/91	F	0.0	B	5		HF	PUMPXX	#13A CIRCULATOR MAINT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* SALEM 1 *
****

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..... DECEMBER 11, 1976

DATE ELEC ENER 1ST GENER..... 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 & 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..... THOMAS P. JOHNSON

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

DOCKET NUMBER..... 50-272

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

1. Docket: 50-311 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	89,569.0
13. Hours Reactor Critical	0.0	7,259.9	58,616.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	7,188.7	56,898.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	24,118,252.8	130,111,721.8
18. Gross Elec Ener (MWH)	0.0	7,995,082.0	59,727,009.0
19. Net Elec Ener (MWH)	(1,860.0)	7,660,475.0	56,868,286.0
20. Unit Service Factor	0.0	82.1	63.5
21. Unit Avail Factor	0.0	82.1	63.5
22. Unit Cap Factor (MDC Net)	0.0	79.1	57.4
23. Unit Cap Factor (DER Net)	0.0	78.4	56.9
24. Unit Forced Outage Rate	100.0	15.4	23.3
25. Forced Outage Hours	744.0	1307.6	17,295.6

****
* SALEM 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

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

27. If Currently Shutdown, Estimated Startup Date: 04/15/92

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SALEM 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
0080	11/09/91	F	744.0	A	4		IF	INSTRU	TURBINE TRIP DEVICE FAILURE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SALEM 2 *
****

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 ELEC ENER 1ST GENER..... 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..... THOMAS P. JOHNSON

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

DOCKET NUMBER..... 50-311

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

1. Docket: 50-206 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: S. L. VITTUM (714) 368-9230

4. Licensed Thermal Power (MWt): 1347

5. Nameplate Rating (Gross MWe): 456

6. Design Electrical Rating (Net MWe): 436

7. Maximum Dependable Capacity (Gross MWe): 456

8. Maximum Dependable Capacity (Net MWe): 436

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:

POWER LEVEL REDUCTION FROM FULL POWER AS A RESULT OF A SELF-IMPOSED REDUCED OPERATING TEMPERATURE TO RETARD STEAM GENERATOR TUBE CORROSION RATE.

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	210,381.0
13. Hours Reactor Critical	744.0	5,790.3	121,957.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,663.2	118,019.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	922,744.9	6,742,516.0	148,182,017.6
18. Gross Elec Ener (MWH)	298,800.0	2,169,600.0	49,844,944.0
19. Net Elec Ener (MWH)	281,320.0	2,025,729.0	47,019,375.0
20. Unit Service Factor	100.0	64.6	56.1
21. Unit Avail Factor	100.0	64.6	56.1
22. Unit Cap Factor (MDC Net)	86.7	53.0	51.3
23. Unit Cap Factor (DER Net)	86.7	53.0	51.3
24. Unit Forced Outage Rate	0.0	3.7	18.9
25. Forced Outage Hours	0.0	217.0	27,526.3

****
* SAN ONOFRE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	380	16	377
2	379	17	377
3	379	18	377
4	379	19	377
5	378	20	378
6	379	21	378
7	378	22	378
8	378	23	378
9	378	24	378
10	377	25	378
11	378	26	378
12	378	27	378
13	378	28	377
14	378	29	378
15	378	30	379
		31	379

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SAN ONOFRE 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SAN ONOFRE 1 *
****

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..... JUNE 14, 1967

DATE ELEC ENER 1ST GENER..... JULY 16, 1967

DATE COMMERCIAL OPERATE..... JANUARY 01, 1968

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..... WESTINGHOUSE

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

IE RESIDENT INSPECTOR..... FORREST R. HUEY

LICENSING PROJ MANAGER..... GEORGE KALMAN

DOCKET NUMBER..... 50-206

LICENSE & DATE ISSUANCE..... DPR 013, MARCH 27, 1967

1. Docket: 50-361 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. M. FARR (714) 368-9787

4. Licensed Thermal Power (MWt): 3390

5. Nameplate Rating (Gross MWe): 1127

6. Design Electrical Rating (Net MWe): 1070

7. Maximum Dependable Capacity (Gross MWe): 1127

8. Maximum Dependable Capacity (Net MWe): 1070

9. If Changes 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	73,393.0
13. Hours Reactor Critical	744.0	5,732.7	52,492.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	5,639.1	51,441.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,467,833.8	18,038,050.7	167,522,035.6
18. Gross Elec Ener (MWH)	845,492.0	6,093,808.5	56,801,302.5
19. Net Elec Ener (MWH)	807,458.0	5,759,812.6	53,812,334.8
20. Unit Service Factor	100.0	64.4	70.1
21. Unit Avail Factor	100.0	64.4	70.1
22. Unit Cap Factor (MDC Net)	101.4	61.4	68.5
23. Unit Cap Factor (DER Net)	101.4	61.4	68.5
24. Unit Forced Outage Rate	0.0	12.7	6.9
25. Forced Outage Hours	0.0	817.7	3,834.7

****
* SAN ONOFRE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1119	16	1112
2	1116	17	1113
3	1116	18	1114
4	1116	19	1113
5	1114	20	1112
6	1109	21	1103
7	1094	22	1113
8	1111	23	1105
9	1112	24	1099
10	1113	25	1098
11	1113	26	1072
12	1111	27	501
13	1107	28	1011
14	1088	29	1109
15	1111	30	1109
		31	1111

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SAN ONOFRE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
69	12/26/91	S	0.0	A	5		SB	RV	REDUCED REACTOR POWER TO 30% TO SUPPORT MSR RELIEF VALVE REPAIR.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* SAN ONOFRE 2 *
****

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 ELEC ENER 1ST GENER..... 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..... GEORGE KALMAN

DOCKET NUMBER..... 50-361

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

1. Docket: 50-362 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. M. FARR (714) 368-9787

4. Licensed Thermal Power (MWt): 3390

5. Nameplate Rating (Gross MWe): 1127

6. Design Electrical Rating (Net MWe): 1080

7. Maximum Dependable Capacity (Gross MWe): 1127

8. Maximum Dependable Capacity (Net MWe): 1080

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	67,944.0
13. Hours Reactor Critical	744.0	8,270.3	52,498.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,094.6	51,071.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,419,183.8	26,989,782.2	163,287,423.9
18. Gross Elec Ener (MWH)	813,075.5	9,148,342.5	55,400,025.0
19. Net Elec Ener (MWH)	772,520.0	8,693,197.9	52,318,107.1
20. Unit Service Factor	100.0	92.4	75.2
21. Unit Avail Factor	100.0	92.4	75.2
22. Unit Cap Factor (MDC Net)	96.1	91.9	71.3
23. Unit Cap Factor (DER Net)	96.1	91.9	71.3
24. Unit Forced Outage Rate	0.0	7.6	7.1
25. Forced Outage Hours	0.0	665.4	3,930.3

****
* SAN ONOFRE 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1091	16	1088
2	1089	17	1087
3	1087	18	1089
4	1089	19	1087
5	1088	20	1089
6	1081	21	1083
7	807	22	1089
8	865	23	1086
9	842	24	1086
10	821	25	1087
11	819	26	1087
12	867	27	1085
13	1074	28	1083
14	1081	29	1091
15	1089	30	1091
		31	1089

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

REFUELING OUTAGE, JANUARY 1992.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SAN ONOFRE 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
62	12/06/91	S	0.0	A	5		KP	FCV	REDUCED REACTOR POWER TO 75% TO SUPPORT RCP 3P-001 DELUGE RESET, CIRCULATING WATER SYSTEM HEAT TREATMENT, AND FIRST POINT HEATER 3E-036 REPAIR.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SAN ONOFRE 3 *
****

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 ELEC ENER 1ST GENER..... SEPTEMBER 25, 1983

DATE COMMERCIAL OPERATE..... APRIL 01, 1984

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... PACIFIC OCEAN

ELECTRIC RELIABILITY COUNCIL..... WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... SOUTHERN CALIFORNIA EDISON CO.

CORPORATE ADDRESS..... P.O. BOX 800
ROSEMEAD, CALIFORNIA 91770

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... BECHTEL

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 5

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

LICENSING PROJ MANAGER..... GEORGE KALMAN

DOCKET NUMBER..... 50-362

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

1. Docket: 50-443 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: P. 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	45,649.0
13. Hours Reactor Critical	744.0	6,646.2	12,365.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	953.3
15. Hrs Generator On-Line	744.0	6,396.6	10,524.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,444,608.0	20,469,535.0	33,069,861.0
18. Gross Elec Ener (MWH)	847,034.0	7,099,333.0	11,371,249.0
19. Net Elec Ener (MWH)	812,987.0	6,814,378.0	10,908,375.0
20. Unit Service Factor	100.0	73.0	76.4
21. Unit Avail Factor	100.0	73.0	76.4
22. Unit Cap Factor (MDC Net)	95.0	67.6	71.6
23. Unit Cap Factor (DER Net)	95.2	67.8	71.8
24. Unit Forced Outage Rate	0.0	5.8	8.6
25. Forced Outage Hours	0.0	391.4	1,223.3

****
* SEABROOK *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1140	16	1137
2	1139	17	1137
3	1141	18	1137
4	1140	19	1137
5	1138	20	1137
6	1137	21	1138
7	1138	22	1138
8	1139	23	789
9	1139	24	273
10	1139	25	944
11	1138	26	1136
12	1138	27	1138
13	1138	28	1137
14	1139	29	1138
15	1138	30	1137
		31	1138

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE VALUES FOR ITEMS 12-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 ARE CALCULATED SINCE COMMERCIAL OPERATION.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SEABROOK *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-10	12/23/91	F	0.0	F	5				STEAM GENERATOR CHEMISTRY OUT OF SPECIFICATION (ACTION LEVEL II) REQUIRED POWER REDUCTION TO 30% RTP.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SEABROOK *
****

FACILITY DESCRIPTION

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 ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

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..... GORDON E. EDISON

DOCKET NUMBER..... 50-443

LICENSE & DATE ISSUANCE..... NPF 086, MARCH 15, 1990

1. Docket: 50-327 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: T. J. HOLLOMON (615) 843-7528

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1221

6. Design Electrical Rating (Net MWe): 1148

7. Maximum Dependable Capacity (Gross MWe): 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	92,065.0
13. Hours Reactor Critical	362.8	6,882.1	46,954.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	275.0	6,775.1	45,871.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	615,142.8	22,326,466.4	149,612,533.2
18. Gross Elec Ener (MWH)	198,540.0	7,546,910.0	50,667,496.0
19. Net Elec Ener (MWH)	181,700.0	7,267,858.0	48,564,734.0
20. Unit Service Factor	37.0	77.3	49.8
21. Unit Avail Factor	37.0	77.3	49.8
22. Unit Cap Factor (MDC Net)	21.8	73.9	47.0
23. Unit Cap Factor (DER Net)	21.3	72.3	45.9
24. Unit Forced Outage Rate	0.0	2.2	41.5
25. Forced Outage Hours	0.0	149.7	32,569.7

****
* SEQUOYAH 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-5	16	-33
2	-5	17	-30
3	-2	18	-33
4	-2	19	-33
5	-2	20	56
6	-2	21	248
7	-2	22	257
8	-2	23	247
9	-2	24	436
10	-9	25	773
11	-33	26	777
12	-28	27	827
13	-28	28	975
14	-30	29	1058
15	-26	30	1065
		31	1083

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SEQUOYAH 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
9	10/05/91	S	469.0	C	4		RC	FUELXX	UNIT 1 CYCLE 5 REFUELING OUTAGE ENDED WHEN UNIT 1 WAS RETURNED TO SERVICE ON 12/20/91 FOR PERFORMANCE OF SCHEDULED TURBINE OVERSPEED TEST.
10	12/28/91	F	0.0	A	5				UNIT 1 EXPERIENCED A TURBINE RUNBACK TO 75% RATED THERMAL POWER AS A RESULT OF NO. 3 HDT PUMP BYPASS VALVE OPENING.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SEQUOYAH 1 *
****

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 ELEC ENER 1ST GENER..... 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..... KENNETH M. JENISON

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 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: T. J. HOLLOMON (615) 843-7528

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1221

6. Design Electrical Rating (Net MWe): 1148

7. Maximum Dependable Capacity (Gross MWe): 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	84,025.0
13. Hours Reactor Critical	744.0	8,537.1	49,007.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,482.8	48,043.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,498,839.2	28,652,862.6	150,927,313.3
18. Gross Elec Ener (MWH)	850,610.0	9,670,075.0	51,158,291.0
19. Net Elec Ener (MWH)	819,029.0	9,318,886.0	48,944,964.0
20. Unit Service Factor	100.0	96.8	57.2
21. Unit Avail Factor	100.0	96.8	57.2
22. Unit Cap Factor (MDC Net)	98.1	94.8	51.9
23. Unit Cap Factor (DER Net)	95.9	92.7	50.7
24. Unit Forced Outage Rate	0.0	3.2	36.1
25. Forced Outage Hours	0.0	277.2	27,121.6

****
* SEQUOYAH 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1123	16	1120
2	1123	17	1119
3	1122	18	1120
4	1122	19	1121
5	1122	20	1121
6	1122	21	1119
7	870	22	1118
8	939	23	1121
9	1121	24	1121
10	1121	25	1121
11	1120	26	1121
12	1121	27	1121
13	1120	28	1120
14	1120	29	1120
15	1120	30	1120
		31	1119

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

REFUELING OUTAGE, MARCH 13, 1992, 60 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SEQUOYAH 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
6	12/07/91	F	0.0	B	5				REACTOR POWER LEVEL WAS DECREASED BECAUSE THE NO. 3 HDT LEVEL CONTROL VALVES WERE INDICATING CLOSED WITH ERRATIC PUMP READINGS ON THE NO. 3 HDT PUMPS AND 0% LEVEL ON THE NO. 3 HDT. FURTHER POWER LEVEL DECREASE FOR REPLACEMENT OF LEVEL CONTROL VALVE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SEQUOYAH 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... TENNESSEE

COUNTY..... HAMILTON

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 9.5 MI NE OF CHATTANOOGA, TN

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... NOVEMBER 05, 1981

DATE ELEC ENER 1ST GENER..... 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

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... TENNESSEE VALLEY AUTHORITY

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... KENNETH M. JENISON

LICENSING PROJ MANAGER..... DAVID E. LABARGE

DOCKET NUMBER..... 50-328

LICENSE & DATE ISSUANCE..... DPR 079, SEPTEMBER 15, 1981

1. Docket: 50-498 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: A. P. KENT (512) 972-7786

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):

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	29,377.0
13. Hours Reactor Critical	744.0	6,238.9	20,020.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,070.8	19,212.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,762,897.0	22,476,113.0	70,154,320.0
18. Gross Elec Ener (MWH)	941,970.0	7,610,510.0	23,708,000.0
19. Net Elec Ener (MWH)	901,694.0	7,203,886.0	22,328,369.0
20. Unit Service Factor	100.0	69.3	65.4
21. Unit Avail Factor	100.0	69.3	65.4
22. Unit Cap Factor (MDC Net)	96.9	65.7	60.8
23. Unit Cap Factor (DER Net)	96.9	65.7	60.8
24. Unit Forced Outage Rate	0.0	11.4	14.2
25. Forced Outage Hours	0.0	779.3	3,182.4

****
* SOUTH TEXAS 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1223	16	1256
2	1247	17	1254
3	1248	18	1246
4	1245	19	1245
5	1238	20	1244
6	1244	21	1243
7	397	22	1240
8	1025	23	1242
9	1246	24	1247
10	1244	25	1242
11	1238	26	1248
12	1232	27	1254
13	1239	28	1257
14	1253	29	1260
15	1254	30	1260
		31	1260

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SOUTH TEXAS 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-11	12/07/91	F	0.0	B	5		SJ	P	REACTOR POWER WAS REDUCED TO 20% TO ALLOW REPAIR OF THE MAIN FEEDWATER PUMP SPEED CONTROL CIRCUIT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SOUTH TEXAS 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... TEXAS

COUNTY..... MATAGORDA

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 12 MI SSW OF BAY CITY, TX

TYPE OF REACTOR..... PWR

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

DATE ELEC ENER 1ST GENER..... MARCH 30, 1988

DATE COMMERCIAL OPERATE..... AUGUST 25, 1988

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... COLORADO RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

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

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

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... EBASCO

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 4

IE RESIDENT INSPECTOR..... JOSEPH I. TAPIA

LICENSING PROJ MANAGER..... GEORGE F. DICK, JR.

DOCKET NUMBER..... 50-498

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

1. Docket: 50-499 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: A. P. KENT (512) 972-7786

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):

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	22,225.0
13. Hours Reactor Critical	449.3	6,441.4	15,422.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	247.1	6,136.5	14,482.4
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	553,038.0	22,688,003.0	52,393,272.0
18. Gross Elec Ener (MWH)	154,310.0	7,644,890.0	17,667,360.0
19. Net Elec Ener (MWH)	120,528.0	7,255,235.0	16,704,003.0
20. Unit Service Factor	33.2	70.1	65.2
21. Unit Avail Factor	33.2	70.1	65.2
22. Unit Cap Factor (MDC Net)	12.9	66.2	60.1
23. Unit Cap Factor (DER Net)	12.9	66.2	60.1
24. Unit Forced Outage Rate	60.4	9.3	16.7
25. Forced Outage Hours	376.9	632.1	2,899.6

****
* SOUTH TEXAS 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	0	16	10
2	0	17	0
3	0	18	0
4	0	19	171
5	0	20	528
6	0	21	876
7	0	22	439
8	0	23	51
9	0	24	44
10	0	25	0
11	0	26	0
12	0	27	0
13	0	28	372
14	0	29	1005
15	0	30	1159
		31	1209

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SOUTH TEXAS 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-07	09/14/91	S	120.0	C	4				REFUELING AND SCHEDULED MAINTENANCE OUTAGE.
91-08	12/06/91	F	241.5	B	9				CORRECTIVE MAINTENANCE WORK ON EQUIPMENT REQUIRED FOR START-UP.
91-09	12/16/91	F	54.7	B	1		TB	FLT	THE MAIN GENERATOR SEAL OIL SYSTEM WAS NOT CONTROLLING PRESSURE PROPERLY DURING MAIN TURBINE TESTING. IT WAS DISCOVERED THAT SOME PRESSURE RELIEF VALVES WERE INCORRECTLY SET AND THAT AN AIR SIDE FILTER WAS INSTALLED BACKWARDS CAUSING A RELIEF TO LIFT.
91-10	12/24/91	F	80.7	A	3	91010	AB	SPT	REACTOR TRIP AND SAFETY INJECTION OCCURRED DUE TO LOW PRESSURIZER PRESSURE. THE PRESSURIZER SPRAY VALVE OFF OF THE 2A REACTOR COOLANT LOOP FAILED DUE TO A POSITIONER ARM FROM THE SPRAY VALVE FALLING OFF BECAUSE OF A LOOSE SUPPORT BOLT/NUT ARRANGEMENT.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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 I. TAPIA

LICENSING PROJ MANAGER..... GEORGE F. DICK, JR.

DOCKET NUMBER..... 50-499

LICENSE & DATE ISSUANCE..... NPF 080, MARCH 28, 1989

1. Docket: 50-335 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: J. J. BREEN (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): 872

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	131,736.0
13. Hours Reactor Critical	268.9	7,151.0	100,109.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	205.3
15. Hrs Generator On-Line	234.1	7,091.6	99,195.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	39.3
17. Gross Therm Ener (MWH)	480,740.0	18,485,199.0	255,727,254.0
18. Gross Elec Ener (MWH)	158,750.0	6,124,180.0	84,332,820.0
19. Net Elec Ener (MWH)	144,184.0	5,790,954.0	79,683,696.0
20. Unit Service Factor	31.5	81.0	75.3
21. Unit Avail Factor	31.5	81.0	75.3
22. Unit Cap Factor (MDC Net)	23.1	78.8	74.8
23. Unit Cap Factor (DER Net)	23.3	79.6	73.9
24. Unit Forced Outage Rate	0.0	1.2	4.1
25. Forced Outage Hours	0.0	82.7	4,264.5

****
* ST. LUCIE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	-4	16	-7
2	-4	17	-13
3	-4	18	-21
4	-4	19	-27
5	-4	20	-29
6	-4	21	-30
7	-4	22	91
8	-4	23	251
9	-4	24	401
10	-4	25	570
11	-4	26	690
12	-4	27	768
13	-4	28	838
14	-4	29	861
15	-5	30	861
		31	862

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ST. LUCIE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
24	10/18/91	S	509.9	C	4		RC	FUELXX	UNIT 1 DOWNPOWERED ON OCTOBER 18, 1991, FOR REFUELING. THE OUTAGE WAS COMPLETED ON DECEMBER 22, 1991, AND UNIT 1 BEGAN TO ESCALATE IN POWER.
25	12/22/91	S	0.0	B	9		RB	ZZZZZZ	UNIT 1 WAS HELD AT 25% FOR PHYSICS TESTING.
26	12/23/91	F	0.0	B	9		EG	TRANSF	UNIT 1 WAS HELD AT 40% POWER TO WORK ON THE 1A AUXILIARY TRANSFORMER.
27	12/23/91	S	0.0	B	9		RB	ZZZZZZ	UNIT 1 WAS HELD AT 50% FOR PHYSICS TESTING.
27	12/24/91	F	0.0	B	9		HH	PUMPXX	UNIT 1 WAS HELD AT 50% POWER TO CLEAN OIL IN THE FEED PUMP LUBE OIL SYSTEM.
28	12/26/91	S	0.0	B	9		RB	ZZZZZZ	UNIT 1 WAS HELD AT 80% FOR PHYSICS TESTING.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* ST. LUCIE 1 *
****

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 ELEC ENER 1ST GENER..... 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..... STEPHEN A. ELROD

LICENSING PROJ MANAGER..... JAN ADAM NORRIS

DOCKET NUMBER..... 50-335

LICENSE & DATE ISSUANCE..... DPR 067, MARCH 01, 1976

1. Docket: 50-389 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: J. J. BREEN (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	73,633.0
13. Hours Reactor Critical	744.0	8,760.0	63,620.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,760.0	62,604.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,984,188.0	23,323,526.0	164,112,608.0
18. Gross Elec Ener (MWH)	666,700.0	7,828,900.0	54,725,820.0
19. Net Elec Ener (MWH)	632,493.0	7,428,744.0	51,762,847.0
20. Unit Service Factor	100.0	100.0	85.0
21. Unit Avail Factor	100.0	100.0	85.0
22. Unit Cap Factor (MDC Net)	101.3	101.1	85.2
23. Unit Cap Factor (DER Net)	102.4	102.2	85.4
24. Unit Forced Outage Rate	0.0	0.0	5.1
25. Forced Outage Hours	0.0	0.0	3,387.4

****
* ST. LUCIE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	863	16	650
2	861	17	786
3	860	18	866
4	860	19	867
5	862	20	867
6	862	21	867
7	861	22	859
8	860	23	832
9	859	24	867
10	858	25	865
11	856	26	865
12	855	27	864
13	854	28	865
14	851	29	863
15	822	30	864
		31	864

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

APRIL 15, 1992.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ST. LUCIE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
5	12/15/91	S	0.0	B	5		HF	XXXXXX	UNIT 2 DOWNPOWERED FOR WATERBOX CLEANING.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* ST. LUCIE 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... FLORIDA

COUNTY..... ST LUCIE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 12 MI SE OF FT. PIERCE, FL

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JUNE 02, 1983

DATE ELEC ENER 1ST GENER..... JUNE 13, 1983

DATE COMMERCIAL OPERATE..... AUGUST 08, 1983

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... ATLANTIC OCEAN

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... FLORIDA POWER & LIGHT CO.

CORPORATE ADDRESS..... 9250 WEST FLAGLER STREET MIAMI, FLORIDA 33102

CONTRACTOR

ARCHITECT/ENGINEER..... EBASCO

NUC STEAM SYS SUPPLIER..... COMBUSTION ENGINEERING

CONSTRUCTOR..... EBASCO

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... STEPHEN A. ELROD

LICENSING PROJ MANAGER..... JAN ADAM NORRIS

DOCKET NUMBER..... 50-389

LICENSE & DATE ISSUANCE..... NPF 016, JUNE 10, 1983

1. Docket: 50-395 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	70,128.0
13. Hours Reactor Critical	744.0	7,265.5	54,624.5
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	701.2	7,065.7	53,487.6
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,906,910.0	16,897,287.0	138,568,767.0
18. Gross Elec Ener (MWH)	640,480.0	5,628,540.0	45,885,399.0
19. Net Elec Ener (MWH)	612,549.0	5,340,451.0	43,547,282.0
20. Unit Service Factor	94.2	80.7	76.3
21. Unit Avail Factor	94.2	80.7	76.3
22. Unit Cap Factor (MDC Net)	93.0	68.9	70.2
23. Unit Cap Factor (DER Net)	91.5	67.7	69.0
24. Unit Forced Outage Rate	0.0	0.7	6.8
25. Forced Outage Hours	0.0	50.8	3,901.1

****
* SUMMER *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	894	16	894
2	894	17	893
3	893	18	894
4	893	19	895
5	893	20	893
6	893	21	895
7	895	22	895
8	894	23	895
9	894	24	896
10	893	25	896
11	892	26	895
12	894	27	509
13	893	28	-36
14	894	29	148
15	895	30	767
		31	888

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SUMMER *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
7	12/27/91	S	42.8	B	1				REPAIRED GENERATOR HYDROGEN COOLER.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* SUMMER *
****

FACILITY DESCRIPTION

LOCATION

STATE..... SOUTH CAROLINA

COUNTY..... FAIRFIELD

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 26 MI NW OF COLUMBIA, SC

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... OCTOBER 22, 1982

DATE ELEC ENER 1ST GENER..... NOVEMBER 16, 1982

DATE COMMERCIAL OPERATE..... JANUARY 01, 1984

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... MONTICELLO RESERVOIR

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... SOUTH CAROLINA ELECTRIC & GAS CO.

CORPORATE ADDRESS..... P.O. BOX 764
COLUMBIA, SOUTH CAROLINA 29218

CONTRACTOR

ARCHITECT/ENGINEER..... GILBERT ASSOCIATES

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... DANIEL INTERNATIONAL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... RICHARD L. PREVATTE

LICENSING PROJ MANAGER..... GEORGE F. WUNDER

DOCKET NUMBER..... 50-395

LICENSE & DATE ISSUANCE..... NPF 012, NOVEMBER 12, 1982

1. Docket: 50-280 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. A. NEGRON (804) 365-2795

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	166,776.0
13. Hours Reactor Critical	744.0	8,760.0	108,234.2
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,774.5
15. Hrs Generator On-Line	744.0	8,760.0	106,240.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	3,736.2
17. Gross Therm Ener (MWH)	1,812,061.0	20,896,766.4	247,116,676.7
18. Gross Elec Ener (MWH)	610,335.0	6,938,365.0	80,515,188.0
19. Net Elec Ener (MWH)	580,655.0	6,590,937.0	76,374,066.0
20. Unit Service Factor	100.0	100.0	63.7
21. Unit Avail Factor	100.0	100.0	65.9
22. Unit Cap Factor (MDC Net)	99.9	96.3	59.1
23. Unit Cap Factor (DER Net)	99.0	95.5	58.1
24. Unit Forced Outage Rate	0.0	0.0	19.3
25. Forced Outage Hours	0.0	0.0	25,350.5

****
* SURRY 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	783	16	777
2	782	17	778
3	777	18	782
4	771	19	783
5	781	20	784
6	782	21	784
7	781	22	782
8	778	23	784
9	781	24	783
10	772	25	782
11	774	26	783
12	779	27	782
13	780	28	783
14	781	29	782
15	780	30	782
		31	783

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

REFUELING OUTAGE, FEBRUARY 28, 1992, 64 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SURRY 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* SURRY 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... VIRGINIA

COUNTY..... SURRY

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 17 MI NW OF NEWPORT NEWS, VA

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JULY 01, 1972

DATE ELEC ENER 1ST GENER..... JULY 04, 1972

DATE COMMERCIAL OPERATE..... DECEMBER 22, 1972

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... JAMES RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... VIRGINIA ELECTRIC POWER CO.

CORPORATE ADDRESS..... P.O. BOX 26666
RICHMOND, VIRGINIA 23261

CONTRACTOR

ARCHITECT/ENGINEER..... STONE & WEBSTER

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... STONE & WEBSTER

TURBINE SUPPLIER..... WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... WILLIAM E. HOLLAND

LICENSING PROJ MANAGER..... BARTHOLOMEW C. BUCKLEY

DOCKET NUMBER..... 50-280

LICENSE & DATE ISSUANCE..... DPR 032, MAY 25, 1972

1. Docket: 50-281 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. A. NEGRON (804) 365-2795

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	163,656.0
13. Hours Reactor Critical	574.3	6,035.8	105,208.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	328.1
15. Hrs Generator On-Line	553.1	5,890.7	103,461.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,324,560.5	12,743,213.8	240,878,682.1
18. Gross Elec Ener (MWH)	442,635.0	4,203,735.0	78,433,849.0
19. Net Elec Ener (MWH)	421,229.0	3,985,213.0	74,363,938.0
20. Unit Service Factor	74.3	67.2	63.2
21. Unit Avail Factor	74.3	67.2	63.2
22. Unit Cap Factor (MDC Net)	72.5	58.3	58.3
23. Unit Cap Factor (DER Net)	71.8	57.7	57.7
24. Unit Forced Outage Rate	25.7	17.0	15.4
25. Forced Outage Hours	191.0	1207.9	18,762.1

****
* SURRY 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	768	16	0
2	776	17	0
3	774	18	0
4	772	19	487
5	767	20	777
6	769	21	777
7	778	22	777
8	779	23	777
9	780	24	776
10	754	25	776
11	23	26	773
12	0	27	777
13	0	28	779
14	0	29	779
15	0	30	780
		31	780

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SURRY 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
	12/11/91	F	163.5	A	1		AB	FI	LEAK AT 2-RC-FE-2492, REPAIRED.
	12/17/91	F	27.5	A	3		JB	FCV	FAILURE OF "B" FEED REG. VLV., REPAIRED.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* SURRY 2 *
****

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 ELEC ENER 1ST GENER.....	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
NUC STEAM SYS SUPPLIER.....	WESTINGHOUSE
CONSTRUCTOR.....	STONE & WEBSTER
TURBINE SUPPLIER.....	WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....	2
IE RESIDENT INSPECTOR.....	WILLIAM E. HOLLAND
LICENSING PROJ MANAGER.....	BARTHOLOMEW C. BUCKLEY
DOCKET NUMBER.....	50-281
LICENSE & DATE ISSUANCE.....	DPR 037, JANUARY 29, 1973

1. Docket: 50-387 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: L. L. FULLER (717) 542-3858

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1152

6. Design Electrical Rating (Net MWe): 1050

7. Maximum Dependable Capacity (Gross MWe): 1078

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	75,097.0
13. Hours Reactor Critical	744.0	8,622.5	58,925.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	1,032.0
15. Hrs Generator On-Line	744.0	8,596.7	57,728.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,442,832.0	27,806,837.0	181,512,961.0
18. Gross Elec Ener (MWH)	807,606.0	9,139,692.0	59,293,312.0
19. Net Elec Ener (MWH)	780,198.0	8,821,599.0	56,972,274.0
20. Unit Service Factor	100.0	98.1	76.9
21. Unit Avail Factor	100.0	98.1	76.9
22. Unit Cap Factor (MDC Net)	100.8	96.8	72.9
23. Unit Cap Factor (DER Net)	99.9	95.9	72.3
24. Unit Forced Outage Rate	0.0	0.2	7.6
25. Forced Outage Hours	0.0	13.4	4,750.0

****
* SUSQUEHANNA 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1044	16	1053
2	1050	17	1052
3	1050	18	1052
4	1052	19	1054
5	1052	20	1038
6	1052	21	1014
7	1048	22	1052
8	1041	23	1052
9	1046	24	1053
10	1051	25	1051
11	1051	26	1051
12	1051	27	1051
13	1047	28	1052
14	1046	29	1049
15	1050	30	1052
		31	1051

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

REFUELING OUTAGE, MARCH 7, 1992, 70 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* SUSQUEHANNA 1 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* SUSQUEHANNA 1 *
****

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 ELEC ENER 1ST GENER..... 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

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..... JAMES J. RALEIGH

DOCKET NUMBER..... 50-387

LICENSE & DATE ISSUANCE..... NPF 014, NOVEMBER 12, 1982

1. Docket: 50-388 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: L. L. FULLER (717) 542-3858

4. Licensed Thermal Power (MWt): 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	60,336.0
13. Hours Reactor Critical	744.0	7,119.1	49,981.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	717.9
15. Hrs Generator On-Line	744.0	6,956.9	48,996.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,413,798.0	22,269,471.0	155,362,935.0
18. Gross Elec Ener (MWH)	803,110.0	7,311,905.0	50,907,024.0
19. Net Elec Ener (MWH)	774,592.0	7,035,813.0	48,987,191.0
20. Unit Service Factor	100.0	79.4	81.2
21. Unit Avail Factor	100.0	79.4	81.2
22. Unit Cap Factor (MDC Net)	99.7	76.9	77.8
23. Unit Cap Factor (DER Net)	99.2	76.5	77.3
24. Unit Forced Outage Rate	0.0	3.2	5.9
25. Forced Outage Hours	0.0	227.7	3,051.9

****
* SUSQUEHANNA 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1055	16	1059
2	1061	17	1058
3	1059	18	1057
4	1062	19	1059
5	1061	20	1060
6	1033	21	1059
7	706	22	1058
8	892	23	1059
9	1056	24	1059
10	1060	25	1060
11	1058	26	1061
12	1056	27	1060
13	1056	28	1060
14	1055	29	1058
15	1059	30	1060
		31	1059

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* SUSQUEHANNA 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
11	12/06/91	S	0.0	B	5		XX	ZZZ	POWER LEVEL WAS LOWERED TO 56% FOR A CONTROL ROD SEQUENCE EXCHANGE, 500 KV LINE WORK, CONDENSER WATER BOX CLEANING, AND REACTOR FEED PUMP LUBE OIL WORK.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* SUSQUEHANNA 2 *
****

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..... MAY 08, 1984

DATE ELEC ENER 1ST GENER..... JULY 03, 1984

DATE COMMERCIAL OPERATE..... FEBRUARY 12, 1985

CONDENSER COOLING METHOD..... CC,HNDCT

CONDENSER COOLING WATER..... SUSQUEHANNA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... PENNSYLVANIA POWER & LIGHT CO.

CORPORATE ADDRESS..... 2 NORTH NINTH STREET
ALLENTOWN, PENNSYLVANIA 18101

CONTRACTOR

ARCHITECT/ENGINEER..... BECHTEL

NUC STEAM SYS SUPPLIER..... GENERAL ELECTRIC

CONSTRUCTOR..... BECHTEL

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... G. SCOTT BARBER

LICENSING PROJ MANAGER..... JAMES J. RALEIGH

DOCKET NUMBER..... 50-388

LICENSE & DATE ISSUANCE..... NPF 022, JUNE 27, 1984

1. Docket: 50-289 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: W. HEYSEK (717) 948-8191

4. Licensed Thermal Power (MWt): 2568

5. Nameplate Rating (Gross MWe): 871

6. Design Electrical Rating (Net MWe): 819

7. Maximum Dependable Capacity (Gross MWe): 856

8. Maximum Dependable Capacity (Net MWe): 808

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	151,921.0
13. Hours Reactor Critical	744.0	7,566.7	76,730.9
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,245.6
15. Hrs Generator On-Line	744.0	7,536.6	75,656.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,852,658.0	17,398,712.0	183,869,486.0
18. Gross Elec Ener (MWH)	624,088.0	6,033,355.0	61,994,259.0
19. Net Elec Ener (MWH)	588,817.0	5,667,789.0	58,157,209.0
20. Unit Service Factor	100.0	86.0	49.8
21. Unit Avail Factor	100.0	86.0	49.8
22. Unit Cap Factor (MDC Net)	97.9	80.1	48.7
23. Unit Cap Factor (DER Net)	96.6	79.0	46.7
24. Unit Forced Outage Rate	0.0	0.7	44.5
25. Forced Outage Hours	0.0	51.9	60,649.2

****
* THREE MILE ISLAND 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	807	16	820
2	814	17	821
3	814	18	820
4	817	19	821
5	780	20	821
6	818	21	817
7	817	22	817
8	815	23	818
9	808	24	820
10	815	25	820
11	815	26	822
12	389	27	818
13	507	28	815
14	809	29	813
15	817	30	813
		31	816

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* THREE MILE ISLAND 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-06	12/12/91	F	0.0	A	5				FOLLOWING A DROPPED ROD DURING SURVEILLANCE TESTING, POWER WAS REDUCED TO 45% OF FULL POWER FOR APPROXIMATELY 40 HOURS. THE PLANT WAS RETURNED TO FULL POWER ON COMPLETION OF REPAIRS TO THE CONTROL ROD DRIVE MECHANISM/CABLE ELECTRICAL CONNECTION.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* THREE MILE ISLAND 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... PENNSYLVANIA

COUNTY..... DAUPHIN

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 10 MI SE OF HARRISBURG, PA

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... JUNE 05, 1974

DATE ELEC ENER 1ST GENER..... JUNE 19, 1974

DATE COMMERCIAL OPERATE..... SEPTEMBER 02, 1974

CONDENSER COOLING METHOD..... COOLING TOWERS

CONDENSER COOLING WATER..... SUSQUEHANNA RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... GPU NUCLEAR CORP.

CORPORATE ADDRESS..... 100 INTERPACE PARKWAY
PARSIPPANY, NEW JERSEY 07054

CONTRACTOR

ARCHITECT/ENGINEER..... GILBERT ASSOCIATES

NUC STEAM SYS SUPPLIER..... BABCOCK & WILCOX

CONSTRUCTOR..... UNITED ENG. & CONSTRUCTORS

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 1

IE RESIDENT INSPECTOR..... FRANCIS I. YOUNG

LICENSING PROJ MANAGER..... RONALD W. HERNAN

DOCKET NUMBER..... 50-289

LICENSE & DATE ISSUANCE..... DPR 050, APRIL 19, 1974

1. Docket: 50-344 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: F. J. ULMER (503) 556-7495

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1216

6. Design Electrical Rating (Net MWe): 1130

7. Maximum Dependable Capacity (Gross MWe): 1153

8. Maximum Dependable Capacity (Net MWe): 1095

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	134,400.0
13. Hours Reactor Critical	0.0	1,409.0	80,913.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	3,887.0
15. Hrs Generator On-Line	0.0	1,398.2	78,886.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	3,249.0
17. Gross Therm Ener (MWH)	0.0	4,716,937.0	252,706,128.4
18. Gross Elec Ener (MWH)	0.0	1,590,870.0	83,400,347.0
19. Net Elec Ener (MWH)	(4,754.0)	1,464,394.0	78,905,370.0
20. Unit Service Factor	0.0	16.0	58.7
21. Unit Avail Factor	0.0	16.0	61.1
22. Unit Cap Factor (MDC Net)	0.0	15.3	54.7
23. Unit Cap Factor (DER Net)	0.0	14.8	52.0
24. Unit Forced Outage Rate	0.0	31.5	13.1
25. Forced Outage Hours	0.0	642.8	11,848.7

****
* TROJAN *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

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

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

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUM UNIT CAPACITY FACTOR (MDC NET) CALCULATED WITH A WEIGHTED AVERAGE. LICENSEE REVISED CUM VALUES: CRIT HRS FROM 79921 TO 80913, RX RESERVE SD HRS FROM 3387 TO 3887, GROSS ELEC ENER FROM 83377749 TO 83400347, NET ELEC ENER FROM 78935317 TO 78905370.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* TROJAN *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
	03/27/91	S	744.0	C	4		RC	FUELXX	ANNUAL REFUELING OUTAGE AND STEAM GENERATOR REPAIRS.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* TROJAN *
****

FACILITY DESCRIPTION

LOCATION

STATE.....	OREGON
COUNTY.....	COLUMBIA
DIST AND DIRECTION FROM NEAREST POPULATION CTR.....	32 MI N OF PORTLAND, OR
TYPE OF REACTOR.....	PWR
DATE INITIAL CRITICALITY.....	DECEMBER 15, 1975
DATE ELEC ENER 1ST GENER.....	DECEMBER 23, 1975
DATE COMMERCIAL OPERATE.....	MAY 20, 1976
CONDENSER COOLING METHOD.....	COOLING TOWER
CONDENSER COOLING WATER.....	COLUMBIA RIVER
ELECTRIC RELIABILITY COUNCIL.....	WESTERN SYSTEMS COORDINATION COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE.....	PORTLAND GENERAL ELECTRIC CO.
CORPORATE ADDRESS.....	121 S.W. SALMON STREET PORTLAND, OREGON 97204

CONTRACTOR

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....	5
IE RESIDENT INSPECTOR.....	ROBERT C. BARR
LICENSING PROJ MANAGER.....	LAWRENCE E. KOKAJKO
DOCKET NUMBER.....	50-344
LICENSE & DATE ISSUANCE.....	NPF 001, NOVEMBER 21, 1975

1. Docket: 50-250 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. TIERNEY (305) 246-1300

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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	167,193.6
13. Hours Reactor Critical	744.0	2,252.1	106,726.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	844.4
15. Hrs Generator On-Line	744.0	2,155.8	105,211.7
16. Unit Reserve Shtdwn Hrs	0.0	0.0	121.8
17. Gross Therm Ener (MWH)	1,639,202.0	4,338,424.0	218,570,067.0
18. Gross Elec Ener (MWH)	540,325.0	1,402,395.0	70,018,386.0
19. Net Elec Ener (MWH)	515,636.0	1,314,568.0	66,193,086.0
20. Unit Service Factor	100.0	24.6	62.9
21. Unit Avail Factor	100.0	24.6	63.0
22. Unit Cap Factor (MDC Net)	104.1	22.5	60.6
23. Unit Cap Factor (DER Net)	100.0	21.7	57.1
24. Unit Forced Outage Rate	0.0	1.2	12.3
25. Forced Outage Hours	0.0	26.3	14,773.4

****
* TURKEY POINT 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	688	16	688
2	686	17	699
3	684	18	702
4	684	19	704
5	697	20	706
6	703	21	709
7	699	22	705
8	694	23	700
9	696	24	696
10	690	25	694
11	682	26	690
12	686	27	688
13	685	28	689
14	684	29	691
15	683	30	690
		31	695

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* TURKEY POINT 3 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* 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 ELEC ENER 1ST GENER..... 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..... ROSS C. BUTCHER

LICENSING PROJ MANAGER..... RAJENDER AULUCK

DOCKET NUMBER..... 50-250

LICENSE & DATE ISSUANCE..... DPR 031, JULY 19, 1972

1. Docket: 50-251 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. A. TIERNEY (305) 246-1300

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:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	744.0	8,760.0	160,925.0
13. Hours Reactor Critical	561.7	1,426.3	102,612.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	166.6
15. Hrs Generator On-Line	553.5	1,336.2	98,903.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	32.1
17. Gross Therm Ener (MWH)	1,182,788.0	2,684,277.0	208,314,335.0
18. Gross Elec Ener (MWH)	384,300.0	859,430.0	66,472,310.0
19. Net Elec Ener (MWH)	363,283.0	798,134.0	62,851,762.0
20. Unit Service Factor	74.4	15.3	61.5
21. Unit Avail Factor	74.4	15.3	61.5
22. Unit Cap Factor (MDC Net)	73.3	13.7	59.7
23. Unit Cap Factor (DER Net)	70.5	13.1	56.4
24. Unit Forced Outage Rate	4.2	1.8	11.9
25. Forced Outage Hours	24.5	24.5	13,367.9

****
* TURKEY POINT 4 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	675	16	0
2	674	17	0
3	673	18	23
4	672	19	321
5	685	20	691
6	687	21	699
7	680	22	696
8	678	23	692
9	679	24	690
10	515	25	690
11	0	26	686
12	0	27	684
13	0	28	684
14	0	29	685
15	0	30	686
		31	694

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* TURKEY POINT 4 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
06	12/10/91	F	24.5	A	1	91007	EK	DG	UNIT 4 SHUTDOWN DUE TO LOAD SEQUENCER FAILURE.
07	12/11/91	S	164.6	B	9		IG	PEN	UNIT 4 CONOSEAL REPAIR.
08	12/19/91	S	1.4	B	1		TA	TRB	UNIT 4 TURBINE OVERSPEED TEST.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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..... ROSS C. BUTCHER

LICENSING PROJ MANAGER..... RAJENDER AULUCK

DOCKET NUMBER..... 50-251

LICENSE & DATE ISSUANCE..... DPR 041, APRIL 10, 1973

1. Docket: 50-271 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 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	167,280.0
13. Hours Reactor Critical	744.0	8,265.0	136,453.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,201.6	133,573.3
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	1,177,118.5	12,947,233.0	198,262,538.0
18. Gross Elec Ener (MWH)	396,561.0	4,312,873.0	66,060,368.0
19. Net Elec Ener (MWH)	380,563.0	4,108,313.0	62,740,283.0
20. Unit Service Factor	100.0	93.6	79.0
21. Unit Avail Factor	100.0	93.6	79.0
22. Unit Cap Factor (MDC Net)	101.5	93.1	73.7
23. Unit Cap Factor (DER Net)	99.5	91.2	72.2
24. Unit Forced Outage Rate	0.0	4.7	5.5
25. Forced Outage Hours	0.0	403.0	7,881.0

****
* VERMONT YANKEE *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	514	16	515
2	515	17	515
3	515	18	514
4	515	19	429
5	514	20	503
6	515	21	515
7	514	22	515
8	515	23	516
9	515	24	515
10	515	25	515
11	515	26	514
12	515	27	515
13	515	28	515
14	515	29	514
15	513	30	514
		31	515

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

REFUELING OUTAGE, MARCH 7, 1992, SIX WEEKS.

27. If Currently Shutdown, Estimated Startup Date:

Notes: CUMULATIVE VALUES FOR ITEMS 13, 15, AND 17-19 INCLUDE PRE-COMMERCIAL DATA, WHILE CUMULATIVE VALUES FOR ITEMS 20-25 CALCULATED SINCE COMMERCIAL OPERATION.

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* VERMONT YANKEE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-12	12/19/91	S	0.0	B	5		HE	PIPEXX	REPAIRS TO BYPASS VALVE STEM LEAK-OFF LINE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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

****
* VERMONT YANKEE *
****

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 ELEC ENER 1ST GENER..... 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..... GEOFFREY E. GRANT

LICENSING PROJ MANAGER..... MORTON B. FAIRTILE

DOCKET NUMBER..... 50-271

LICENSE & DATE ISSUANCE..... DPR 028, FEBRUARY 28, 1973

1. Docket: 50-424 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. L. HOOPER (404) 826-4104

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1215

6. Design Electrical Rating (Net MWe): 1101

7. Maximum Dependable Capacity (Gross MWe): 1154

8. Maximum Dependable Capacity (Net MWe): 1100

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	40,201.0
13. Hours Reactor Critical	744.0	7,180.4	33,639.0
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	7,016.7	32,770.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,466,013.0	23,393,775.0	108,587,386.0
18. Gross Elec Ener (MWH)	842,152.0	7,877,921.0	36,172,371.0
19. Net Elec Ener (MWH)	805,602.0	7,497,861.0	34,259,771.0
20. Unit Service Factor	100.0	80.1	81.5
21. Unit Avail Factor	100.0	80.1	81.5
22. Unit Cap Factor (MDC Net)	98.4	77.8	78.6
23. Unit Cap Factor (DER Net)	98.3	77.7	77.4
24. Unit Forced Outage Rate	0.0	0.0	7.1
25. Forced Outage Hours	0.0	0.0	2,508.8

****
* VOGTLE 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	940	16	1104
2	1051	17	1081
3	1074	18	1083
4	1093	19	1112
5	1094	20	1126
6	795	21	1123
7	945	22	1120
8	1086	23	1117
9	1063	24	1121
10	1090	25	1126
11	1097	26	1123
12	1095	27	1123
13	1089	28	1125
14	1091	29	1125
15	1103	30	1126
		31	1126

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

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* VOGTLE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-3	12/06/91	F	0.0	B	5		SJ	CPLG,P	DERATE TO 75% POWER TO PERFORM HOT ALIGNMENT OF MAIN FEED PUMP A AND TO RECALIBRATE THE OVER TEMPERATURE DELTA T LOOP.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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

F A C I L I T Y D A T A

****
* VOGTLE 1 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... GEORGIA

COUNTY..... BURKE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 26 MI SE OF AUGUSTA, GA

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MARCH 09, 1987

DATE ELEC ENER 1ST GENER..... MARCH 27, 1987

DATE COMMERCIAL OPERATE..... JUNE 01, 1987

CONDENSER COOLING METHOD..... CCCT

CONDENSER COOLING WATER..... SAVANNAH RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... GEORGIA POWER CO.

CORPORATE ADDRESS..... P.O. BOX 1295
BIRMINGHAM, ALABAMA 35201

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 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: G. L. HOOPER (404) 826-4104

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1215

6. Design Electrical Rating (Net MWe): 1101

7. Maximum Dependable Capacity (Gross MWe): 1151

8. Maximum Dependable Capacity (Net MWe): 1097

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	22,945.0
13. Hours Reactor Critical	744.0	8,455.0	20,992.3
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	8,376.4	20,611.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,535,003.0	27,560,523.0	66,459,768.0
18. Gross Elec Ener (MWH)	872,340.0	9,348,713.0	22,407,151.0
19. Net Elec Ener (MWH)	833,060.0	8,897,443.0	21,299,531.0
20. Unit Service Factor	100.0	95.6	89.8
21. Unit Avail Factor	100.0	95.6	89.8
22. Unit Cap Factor (MDC Net)	102.1	92.6	84.5
23. Unit Cap Factor (DER Net)	101.7	92.3	84.3
24. Unit Forced Outage Rate	0.0	2.1	2.2
25. Forced Outage Hours	0.0	182.7	464.4

****
* VOGTLE 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1105	16	1125
2	1106	17	1123
3	1110	18	1121
4	1124	19	1126
5	1127	20	1126
6	1125	21	1121
7	1122	22	1117
8	1119	23	1112
9	1110	24	1118
10	1120	25	1124
11	1123	26	1124
12	1121	27	1122
13	1115	28	1121
14	1114	29	1121
15	1124	30	1123
		31	1123

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

REFUELING OUTAGE, MARCH 13, 1992, 57 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

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

Report Period DECEMBER 1991 U N I T S H U T D O W N S A N D P O W E R R E D U C T I O N S

****
* VOGTLE 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* VOGTLE 2 *
****

FACILITY DESCRIPTION

LOCATION

STATE..... GEORGIA

COUNTY..... BURKE

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 26 MI SE OF AUGUSTA, GA

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... MARCH 28, 1989

DATE ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... GEORGIA POWER CO.

CORPORATE ADDRESS..... P.O. BOX 1295
BIRMINGHAM, ALABAMA 35201

CONTRACTOR

ARCHITECT/ENGINEER..... SOUTHERN SERVICES & BECHTEL

NUC STEAM SYS SUPPLIER..... WESTINGHOUSE

CONSTRUCTOR..... GEORGIA POWER CO.

TURBINE SUPPLIER..... GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE..... 2

IE RESIDENT INSPECTOR..... BRIAN R. BONSER

LICENSING PROJ MANAGER..... DARL S. HOOD

DOCKET NUMBER..... 50-425

LICENSE & DATE ISSUANCE..... NPF 081, MARCH 31, 1989

1. Docket: 50-397 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: LEONARD HUTCHISON (509) 377-2486

4. Licensed Thermal Power (MWt): 3323

5. Nameplate Rating (Gross MWe): 1201

6. Design Electrical Rating (Net MWe): 1100

7. Maximum Dependable Capacity (Gross MWe): 1129

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	61,784.0
13. Hours Reactor Critical	635.4	4,406.5	43,390.7
14. Rx Reserve Shtdwn Hrs	0.0	0.0	340.4
15. Hrs Generator On-Line	611.8	4,196.8	41,800.0
16. Unit Reserve Shtdwn Hrs	0.0	0.0	381.7
17. Gross Therm Ener (MWH)	1,981,966.0	13,266,797.0	119,615,822.0
18. Gross Elec Ener (MWH)	672,040.0	4,454,180.0	39,855,820.0
19. Net Elec Ener (MWH)	642,997.0	4,229,868.0	38,258,038.0
20. Unit Service Factor	82.2	47.9	67.7
21. Unit Avail Factor	82.2	47.9	68.3
22. Unit Cap Factor (MDC Net)	79.7	44.5	57.1
23. Unit Cap Factor (DER Net)	78.6	43.9	56.3
24. Unit Forced Outage Rate	17.8	42.0	13.3
25. Forced Outage Hours	132.2	3033.3	6,434.6

****
* WASHINGTON NUCLEAR 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	1084	16	1088
2	1085	17	833
3	1081	18	1075
4	1080	19	1091
5	1075	20	531
6	1066	21	0
7	1083	22	0
8	1078	23	0
9	1076	24	0
10	1086	25	0
11	1079	26	589
12	1071	27	1066
13	1085	28	1094
14	1090	29	1094
15	1093	30	1092
		31	1091

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

REFUELING OUTAGE, APRIL 18, 1992, 75 DAYS.

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* WASHINGTON NUCLEAR 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-09P	12/17/91	F	0.0	A	5				A POWER REDUCTION TO 63% THERMAL POWER WAS NECESSITATED BY HIGH AND RISING CONDUCTIVITY OF THE REACTOR COOLANT. AFTER ONE CIRCULATING WATER PUMP WAS REMOVED FROM SERVICE, THE CONDUCTIVITY RETURNED TO NORMAL.
91-10	12/20/91	F	132.2	A	2		HC	HTEXCH	THE PLANT WAS SHUTDOWN BECAUSE OF HIGH AND RISING CONDUCTIVITY OF THE REACTOR COOLANT. A CONDENSER TUBE LEAK WAS REPAIRED AND OTHER MINOR MAINTENANCE WAS PERFORMED IN DRYWELL PRIOR TO RETURNING PLANT TO SERVICE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 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 ELEC ENER 1ST GENER..... 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..... CHRISTIAN J. BOSTED

LICENSING PROJ MANAGER..... PATRICIA L. ENG

DOCKET NUMBER..... 50-397

LICENSE & DATE ISSUANCE..... NPF 021, APRIL 13, 1984

1. Docket: 50-382 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: PATRICK CENTOLANZI (504) 739-6683

4. Licensed Thermal Power (MWt): 3390

5. Nameplate Rating (Gross MWe): 1200

6. Design Electrical Rating (Net MWe): 1104

7. Maximum Dependable Capacity (Gross MWe): 1120

8. Maximum Dependable Capacity (Net MWe): 1075

9. If Changes 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	54,961.0
13. Hours Reactor Critical	744.0	6,993.7	45,086.4
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	744.0	6,872.8	44,380.8
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,500,136.0	22,920,682.0	145,549,475.0
18. Gross Elec Ener (MWH)	839,570.0	7,626,750.0	48,871,420.0
19. Net Elec Ener (MWH)	805,791.0	7,274,941.0	46,549,458.0
20. Unit Service Factor	100.0	78.5	80.7
21. Unit Avail Factor	100.0	78.5	80.7
22. Unit Cap Factor (MDC Net)	100.7	77.3	78.8
23. Unit Cap Factor (DER Net)	98.1	75.2	76.7
24. Unit Forced Outage Rate	0.0	1.8	4.3
25. Forced Outage Hours	0.0	125.3	1,984.6

****
* WATERFORD 3 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	831	16	1094
2	1090	17	1093
3	1090	18	1094
4	1090	19	1093
5	1093	20	1093
6	1094	21	1070
7	1093	22	1089
8	1095	23	1076
9	1092	24	1077
10	1094	25	1094
11	1095	26	1095
12	1094	27	1094
13	1094	28	1095
14	1095	29	1094
15	1094	30	1094
		31	1094

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* WATERFORD 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-07	12/01/91	F	0.0	A	5		SJ	ZZZZZZ	POWER REDUCTION DUE TO FEED WATER PUMP B OIL CLEANLINESS. CHANGED OIL.

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

WATERFORD 3

FACILITY DESCRIPTION

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 ELEC ENER 1ST GENER..... MARCH 18, 1985

DATE COMMERCIAL OPERATE..... SEPTEMBER 24, 1985

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... MISSISSIPPI RIVER

ELECTRIC RELIABILITY COUNCIL..... SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... 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..... WARD F. SMITH

LICENSING PROJ MANAGER..... DAVID L. WIGGINTON

DOCKET NUMBER..... 50-382

LICENSE & DATE ISSUANCE..... NPF 038, MARCH 16, 1985

1. Docket: 50-482 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: M. WILLIAMS (316) 364-8831

4. Licensed Thermal Power (MWt): 3411

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): 1135

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	55,464.0
13. Hours Reactor Critical	0.0	6,294.6	43,690.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	339.8
15. Hrs Generator On-Line	0.0	6,288.4	43,112.2
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	18,028,566.0	140,093,591.0
18. Gross Elec Ener (MWH)	0.0	6,198,737.0	48,713,506.0
19. Net Elec Ener (MWH)	(14,066.0)	5,858,613.0	46,455,471.0
20. Unit Service Factor	0.0	71.8	77.7
21. Unit Avail Factor	0.0	71.8	77.7
22. Unit Cap Factor (MDC Net)	0.0	58.9	74.0
23. Unit Cap Factor (DER Net)	0.0	57.2	71.6
24. Unit Forced Outage Rate	0.0	0.0	3.5
25. Forced Outage Hours	0.0	0.0	1,561.4

****
* WOLF CREEK *
****

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: 01/13/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* WOLF CREEK *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
3	09/19/91	S	744.0	C	4				CONTINUED REFUELING OUTAGE.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* WOLF CREEK *
****

FACILITY DESCRIPTION

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 ELEC ENER 1ST GENER..... 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 & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... 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 A. PICK

LICENSING PROJ MANAGER..... WILLIAM D. RECKLEY

DOCKET NUMBER..... 50-482

LICENSE & DATE ISSUANCE..... NPF 042, JUNE 04, 1985

1. Docket: 50-029 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: H. SAMMARCO (508) 779-6711

4. Licensed Thermal Power (MWt): 600

5. Nameplate Rating (Gross MWe): 185

6. Design Electrical Rating (Net MWe): 175

7. Maximum Dependable Capacity (Gross MWe): 180

8. Maximum Dependable Capacity (Net MWe): 167

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	272,923.0
13. Hours Reactor Critical	0.0	6,331.6	218,459.6
14. Rx Reserve Shtdwn Hrs	0.0	0.0	0.0
15. Hrs Generator On-Line	0.0	6,289.6	213,052.5
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	0.0	3,538,188.0	116,777,000.9
18. Gross Elec Ener (MWH)	0.0	1,062,129.1	35,326,748.8
19. Net Elec Ener (MWH)	0.0	992,073.9	33,047,016.0
20. Unit Service Factor	0.0	71.8	78.1
21. Unit Avail Factor	0.0	71.8	78.1
22. Unit Cap Factor (MDC Net)	0.0	67.8	74.1
23. Unit Cap Factor (DER Net)	0.0	64.7	70.6
24. Unit Forced Outage Rate	0.0	4.3	4.9
25. Forced Outage Hours	0.0	284.0	10,897.5

****
* YANKEE-ROWE *
****

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: 08/01/92

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

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* YANKEE-ROWE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
91-12	10/01/91	S	744.0	F	4				REACTOR SHUTDOWN UNTIL REACTOR VESSEL EMBRITTLEMENT QUESTION IS RESOLVED.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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 DATA

****
* YANKEE-ROWE *
****

FACILITY DESCRIPTION

LOCATION

STATE..... MASSACHUSETTS

COUNTY..... FRANKLIN

DIST AND DIRECTION FROM NEAREST POPULATION CTR..... 21 MI NE OF PITTSFIELD, MA

TYPE OF REACTOR..... PWR

DATE INITIAL CRITICALITY..... AUGUST 19, 1960

DATE ELEC ENER 1ST GENER..... NOVEMBER 10, 1960

DATE COMMERCIAL OPERATE..... JULY 01, 1961

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... DEERFIELD RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... YANKEE ATOMIC ELECTRIC CO.

CORPORATE ADDRESS..... 580 MAIN STREET
BOLTON, MASSACHUSETTS 01740

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..... HAROLD EICHENHOLZ

LICENSING PROJ MANAGER..... MORTON B. FAIRTILE

DOCKET NUMBER..... 50-029

LICENSE & DATE ISSUANCE..... DPR 003, JUNE 23, 1961

1. Docket: 50-295 O P E R A T I N G S T A T U S

2. Reporting Period: DECEMBER 1991 Outage + On-line Hrs: 744.0

3. Utility Contact: R. HERRON (708) 746-2084 EXT. 2967

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	157,800.0
13. Hours Reactor Critical	146.0	4,652.6	107,826.8
14. Rx Reserve Shtdwn Hrs	0.0	0.0	2,621.8
15. Hrs Generator On-Line	145.9	4,595.8	104,644.9
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	225,332.0	13,423,357.0	304,030,556.0
18. Gross Elec Ener (MWH)	71,364.0	4,480,488.0	98,276,752.0
19. Net Elec Ener (MWH)	59,136.0	4,260,387.0	93,413,767.0
20. Unit Service Factor	19.6	52.5	66.3
21. Unit Avail Factor	19.6	52.5	66.3
22. Unit Cap Factor (MDC Net)	7.6	46.8	56.9
23. Unit Cap Factor (DER Net)	7.6	46.8	56.9
24. Unit Forced Outage Rate	80.4	47.5	17.0
25. Forced Outage Hours	598.1	4164.2	21,486.5

****
* ZION 1 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	468	16	-13
2	469	17	-12
3	467	18	-12
4	464	19	-12
5	468	20	-12
6	437	21	-12
7	-12	22	-12
8	-14	23	-12
9	-14	24	-12
10	-13	25	-12
11	-13	26	-13
12	-13	27	-14
13	-13	28	-14
14	-13	29	-13
15	-13	30	-13
		31	-13

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ZION 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action To Prevent
	12/01/91	F	0.0	A	5				LOAD REDUCTION DUE TO H2 LEAK.
5	12/07/91	F	598.1	A	2				REPAIR OF MAIN GENERATOR H2 LEAK AND 1D S/G COLD LEG MANWAY LEAK.

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

****
* ZION 1 *
****

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 ELEC ENER 1ST GENER..... JUNE 28, 1973

DATE COMMERCIAL OPERATE..... DECEMBER 31, 1973

CONDENSER COOLING METHOD..... ONCE THRU

CONDENSER COOLING WATER..... LAKE MICHIGAN

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

UTILITY & CONTRACTOR INFORMATION

UTILITY

LICENSEE..... COMMONWEALTH EDISON CO.

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

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 DONALD SMITH

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

DOCKET NUMBER..... 50-295

LICENSE & DATE ISSUANCE..... DPR 039, OCTOBER 19, 1973

OPERATING STATUS

..iod: DECEMBER 1991 Outage + On-line Hrs: 744.0

..ility Contact: R. HERRON (708) 746-2084 EXT. 2967

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	151,513.0
13. Hours Reactor Critical	744.0	5,544.4	108,778.1
14. Rx Reserve Shtdwn Hrs	0.0	0.0	226.1
15. Hrs Generator On-Line	744.0	5,433.0	105,832.1
16. Unit Reserve Shtdwn Hrs	0.0	0.0	0.0
17. Gross Therm Ener (MWH)	2,263,914.0	16,095,904.0	313,988,409.0
18. Gross Elec Ener (MWH)	766,584.0	5,380,887.0	100,539,957.0
19. Net Elec Ener (MWH)	731,029.0	5,131,912.0	95,745,608.0
20. Unit Service Factor	100.0	62.0	69.9
21. Unit Avail Factor	100.0	62.0	69.9
22. Unit Cap Factor (MDC Net)	94.5	56.3	60.8
23. Unit Cap Factor (DER Net)	94.5	56.3	60.8
24. Unit Forced Outage Rate	0.0	29.1	14.9
25. Forced Outage Hours	0.0	2229.2	18,531.6

****
* ZION 2 *
****

AVERAGE DAILY POWER LEVEL (Net MWe)

DAY	POWER	DAY	POWER
1	985	16	1008
2	1032	17	987
3	1034	18	1040
4	1035	19	1028
5	1032	20	1026
6	1016	21	1010
7	986	22	1016
8	975	23	1020
9	927	24	964
10	983	25	829
11	978	26	913
12	985	27	1004
13	967	28	970
14	968	29	901
15	982	30	953
		31	906

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

27. If Currently Shutdown, Estimated Startup Date:

Notes:

Report Period DECEMBER 1991 UNIT SHUTDOWNS AND POWER REDUCTIONS

****
* ZION 2 *
****

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

TYPE	REASON	METHOD	SYSTEM	COMPONENT
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			

F A C I L I T Y D A T A

****
* ZION 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 ELEC ENER 1ST GENER..... 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 DONALD SMITH

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

DOCKET NUMBER..... 50-304

LICENSE & DATE ISSUANCE..... DPR 048, NOVEMBER 14, 1973

NRC FORM 335 (2-89) NRCM 1102, 3201, 3202

U.S. NUCLEAR REGULATORY COMMISSION

BIBLIOGRAPHIC DATA SHEET

(See instructions on the reverse)

1. REPORT NUMBER (Assigned by NRC. Add Vol., Supp., Rev., and Addendum Numbers, if any.)

NUREG-0020
Vol. 16

2. TITLE AND SUBTITLE

Licensed Operating Reactors
Status Summary Report
Data as of 12/31/91

3. DATE REPORT PUBLISHED

MONTH	YEAR
March	1992

4. FIN OR GRANT NUMBER

5. AUTHOR(S)

R. A. Hartfield

6. TYPE OF REPORT

Annual

7. PERIOD COVERED (Inclusive Dates)

CY 1991

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.)

Division of Computer and Telecommunications Services
Office of Information Resources Management
US Nuclear Regulatory Commission
Washington, DC 20555

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.)

Division of Computer and Telecommunications Services
Office of Information Resources Management
US Nuclear Regulatory Commission
Washington, DC 20555

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 1991) 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

NRC FORM 335 (2-89)