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July 1985

LICENSED OPERATING REACTORS

STATUS SUMMARY REPORT
DATA AS OF 06-30-85

UNITED STATES NUCLEAR REGULATORY COMMISSION



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OFFICE OF RESOURCE MANAGEMENT
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555



AUTHORIZATION AND CLEARANCE

The U.S. Nuclear Regulatory Commission's Office of Resource Management publishes this month status report "as part of the reporting requirements in Section 50.36 of 10 CFR Part 50 under GAO Clearance Number B-180225, with an expiration date of September 30, 1981," as stated in the October 3, 1978 letter from John M. Lovelady, Assistant Director, General Government Division, U.S. General Accounting Office, to J.M. Felton, Director, Division of Rules and Records, U.S. Nuclear Regulatory Commission

*Extended to September 30, 1985 by OMB Directive 3150-0011.

STATEMENT OF PURPOSE

The U.S. Nuclear Regulatory Commission's monthly LICENSED OPERATING REACTORS Status Summary Report provides data on the operation of nuclear units as timely and accurately as possible. This information is collected by the Office of Resource Management, from the Headquarters Staff of NRC's Office of Inspection and Enforcement, from NRC's Regional Offices, and from utilities. Since all of the data concerning operation of the units is provided by the utility operators less than two weeks after the end of the month, necessary corrections to published information are shown on the ERRATA page.

This report is divided into three sections: the first contains monthly highlights and statistics for commercial operating units, and errata from previously reported data; the second is a compilation of detailed information on each unit, provided by NRC Regional Offices, IE Headquarters and the Utilities; and the third section is an appendix for miscellaneous information such as spent fuel storage capability, reactor years of experience and non-power reactors in the United States.

The percentage computations, Items 20 through 24 in Section 2, the vendor capacity factors on page 1-7, and actual vs. potential energy production on Page 1-2 are computed using actual data for the period of consideration. The percentages listed in power generation on Page 1-2 are computed as an arithmetic average. The factors for the life-span of each unit (the "Cumulative" column) are reported by the utility and are not entirely re-computed by NRC. Utility power production data is checked for consistency with previously submitted statistics.

It is hoped this status report proves informative and helpful to all agencies and individuals interested in analyzing trends in the nuclear industry which might have safety implications, or in maintaining an awareness of the U.S. energy situation as a whole.

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G L O S S A R Y

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 megawatts 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.

G L O S S A R Y (continued)

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 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: "Continued from previous month."
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 outage of zero hours durations for the purpose of computing unit service and availability factors, and forced outage rate.

G L O S S A R Y (continued)

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.)

G L O S S A R Y (continued)

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 is substituted for this quantity for Unit Capacity Factor calculations.	
UNIT FORCED OUTAGE RATE	$\frac{\text{Forced Outage Hours}}{\text{Unit Service Hours} + \text{Forced Outage Hours}}$
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."

NOTE:

At the end of each statement in the Enforcement Summary for any given facility may be found numbers in parentheses. These numbers are related to the inspection, e.g., 8111 (the 11th inspection of the plant in 1981); and the severity level, e.g., 4 (severity level IV). Violations are ranked by severity levels from I through V with level I being the most serious. The severity level is used in the determination of any resulting enforcement action. Gray Book lists severity level by Arabic numbers corresponding to the Roman numerals. Details on the various severity levels and enforcement actions can be found in Appendix C to 10 CFR Part 2 published in the Federal Register of March 9, 1982 pages 9987 through 9995, and as corrected April 14, 1982.

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SECTION 1

**CURRENT
DATA
SUMMARIES**

MONTHLY HIGHLIGHTS

***** 85 IN COMMERCIAL OPERATION
 * LICENSED * (a) 5 IN POWER ASCENSION. 68,642 CAPACITY MWe (Net) --Based upon maximum dependable
 * POWER * --- 5,928 capacity; design elec. rating
 * REACTORS * (b) 90 LICENSED TO OPERATE 74,570 TOTAL used if MDC not determined
 ***** (c) 3 LICENSED FOR FUEL LOADING
 AND LOW POWER TESTING

MDC NET				DER		DATE	DER
(a)	BYRON 1 1120	(b)	Excludes these plants	1. DRESDEN 1	200	(c)	DIABLO CANYON 2 . . 04/26/85 . . 1106
	GRAND GULF 1 1250		licensed for operation	2. HUMBOLDT BAY	65		ENRICO FERMI 2 03/20/85 . . 1093
	PALO VERDE 1 1304		which are shut down	3. TMI 2	906		LIMERICK 1 10/26/84 . . 1065
	WATERFORD 3 1104		indefinitely				
	WOLF CREEK 1 1150						

		REPORT MONTH	PREVIOUS MONTH	YEAR-TO-DATE
***** 1. GROSS ELECTRICAL (MWHE)		30,562,896	28,762,018	185,663,318
* POWER * 2. NET ELECTRICAL (MWHE)		29,032,999	27,337,411	176,802,216
* GENERATION * 3. AVG. UNIT SERVICE FACTOR (%)		68.0	61.0	67.7
***** 4. AVG. UNIT AVAILABILITY FACTOR (%)		68.6	62.1	68.1
		63.5	57.8	63.6
		61.9	56.2	61.9
		10.2	8.3	9.5

			% OF POTENTIAL PRODUCTION
***** 1. ENERGY ACTUALLY PRODUCED DURING THIS REPORT PERIOD.	29,032,999 NET		59.7
* ACTUAL VS. * 2. ENERGY NOT PRODUCED DUE TO SCHEDULED OUTAGES (NET).	12,821,732 MWHe		26.4
* POTENTIAL * 3. ENERGY NOT PRODUCED DUE TO FORCED OUTAGES (NET)	4,475,330 MWHe		9.2
* ENERGY * 4. ENERGY NOT PRODUCED FOR OTHER REASONS (NET)	2,322,739 MWHe		4.8
* PRODUCTION * *****			
POTENTIAL ENERGY PRODUCTION IN THIS PERIOD BY UNITS IN COMMERCIAL OPERATION (Using Maximum Dependable Capacity Net)	48,652,800 MWHe		100.0% TOTAL
5. ENERGY NOT PRODUCED DUE TO NRC-REQUIRED OUTAGES	558,720 MWHe		
6. ENERGY NOT PRODUCED DUE TO NRC RESTRICTED POWER LEVELS.	0 UNIT(S) WITH NRC RESTRICTION		

	NUMBER	HOURS	PERCENT OF CLOCK TIME	MWHE LOST PRODUCTION
***** 1. FORCED OUTAGES DURING REPORT PERIOD	55	5,282.6	8.7	4,475,330
* OUTAGE * 2. SCHEDULED OUTAGES DURING REPORT PERIOD.	32	14,314.8	23.6	12,821,732
* DATA * *****				
TOTAL	87	19,597.4	32.4	17,297,062

MWHE LOST PRODUCTION = Down time X maximum dependable capacity net

Report Period JUN 1985

MONTHLY HIGHLIGHTS

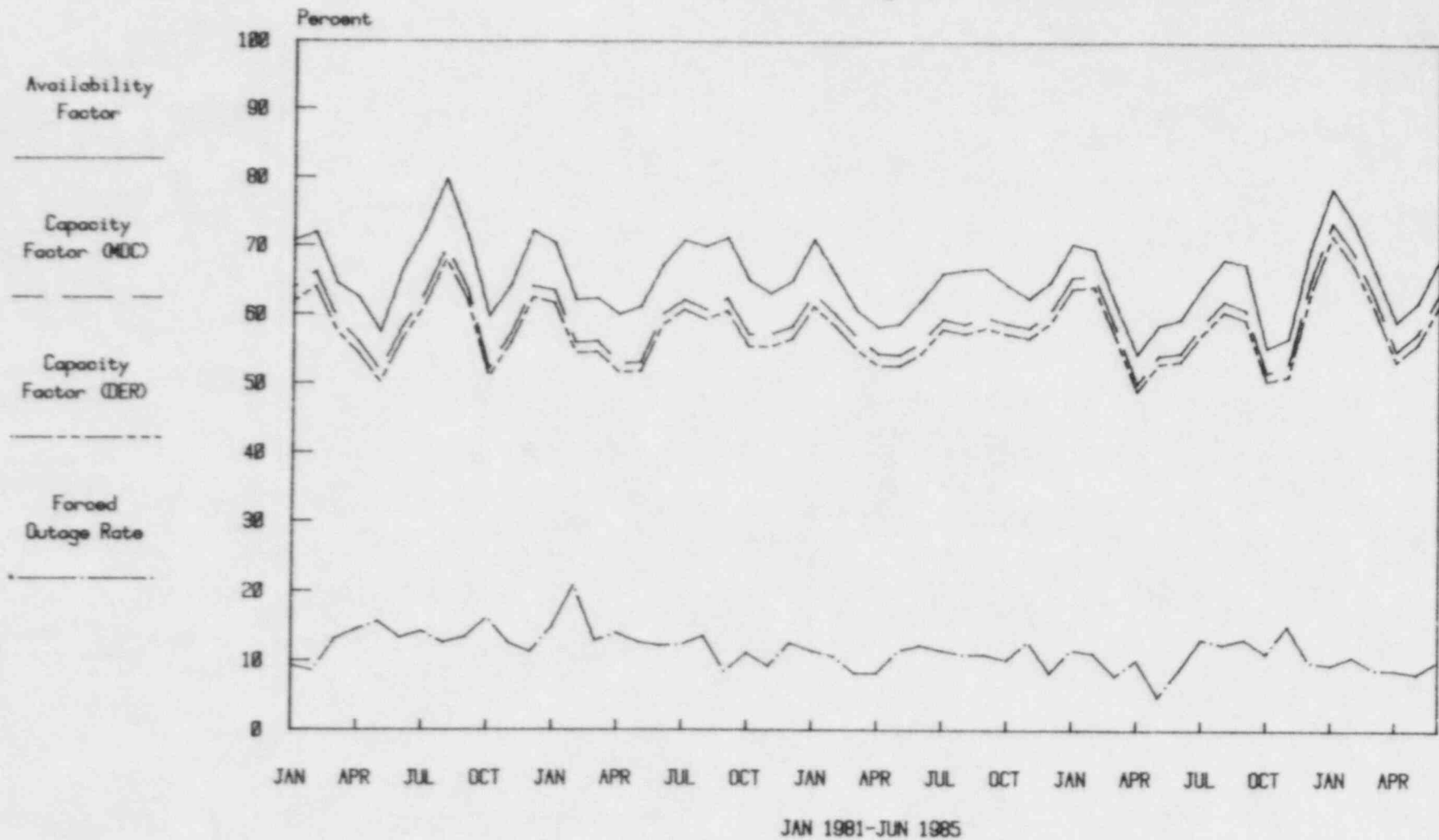
		NUMBER	HOURS LOST
*****	A - Equipment Failure	41	3,519.8
* REASONS *	B - Maintenance or Test	12	1,193.9
* FOR *	C - Refueling	20	11,566.8
* SHUTDOWNS *	D - Regulatory Restriction.	1	720.0
*****	E - Operator Training & License Examination . . .	0	0.0
	F - Administrative.	2	744.0
	G - Operational Error	6	217.1
	H - Other	5	1,635.8
	TOTAL	87	19,597.4

		MDC (MWe Net)	POWER LIMIT (MWe Net)	TYPE
*****	FORT ST VRAIN	330	280	Self-imposed
* DERATED *	SAN ONOFRE 1	436	390	Self-imposed
* UNITS *	WASHINGTON NUCLEAR*	*00	657	Self-imposed

	UNIT	REASON	UNIT	REASON	UNIT	REASON	UNIT	REASON
*****	ARKANSAS 2	A	BROWNS FERRY 1	C	BROWNS FERRY 2	C	BROWNS FERRY 3	F
* SHUTDOWNS *	BRUNSWICK 1	C	CALVERT CLIFFS 1	C	COOK 1	C	COOPER STATION	C
* GREATER *	CRYSTAL RIVER 3	C	DAVIS-BESSE 1	A	DRESDEN 2	A	DUANE ARNOLD	C
* THAN 72 HRS *	FITZPATRICK	A	FORT ST VRAIN	A	INDIAN POINT 3	C	LASALLE 1	A
* EACH *	LASALLE 2	B	MCGUIRE 1	C	MILLSTONE 2	C	OCONEE 2	B
*****	OYSTER CREEK 1	A	PEACH BOTTOM 2	C	POINT BEACH 1	C	QUAD CITIES 2	C
	RANCHO SECO 1	C	SEQUOYAH 1	A,H	SURRY 2	H	SUSQUEHANNA 1	C
	THREE MILE ISLAND 1	D	TROJAN	C	TURKEY POINT 3	C	TURKEY POINT 4	B
	WASHINGTON NUCLEAR*	H	ZION 1	C				

Unit Availability, Capacity, Forced Outage

Avg. Unit Percentage as of 06-30-85



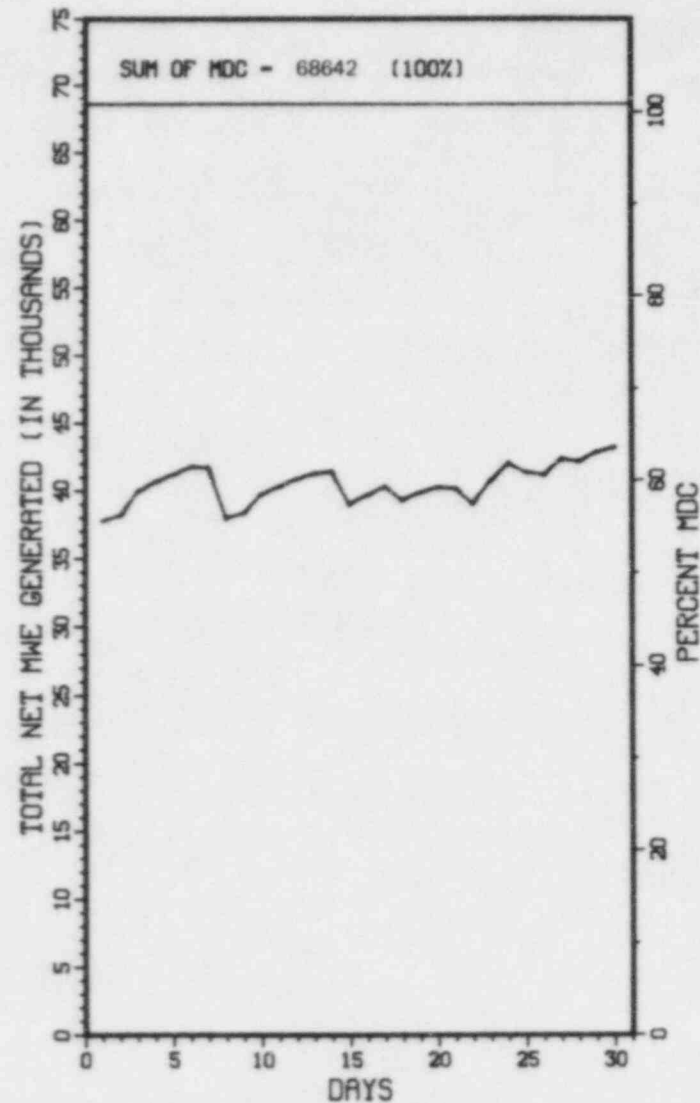
AVERAGE DAILY POWER LEVEL FOR ALL COMMERCIALY OPERATING UNITS

This chart depicts the average daily power level for the units in commercial operation during the month.

The straight line on the graph labelled "SUM OF MDC" is plotted at the value shown by summing the separate maximum dependable capacities of the commercially operating units (in Net MWe). The plot shown below the line is calculated by summing the separate average daily power levels of the same units for each day of the month.

The scale on the left vertical axis runs in 1,000 MWe increments from 0 to 55,000 MWe (Net). The right vertical axis shows the percentage in 10% increments, up to 100% of the "SUM OF MDC".

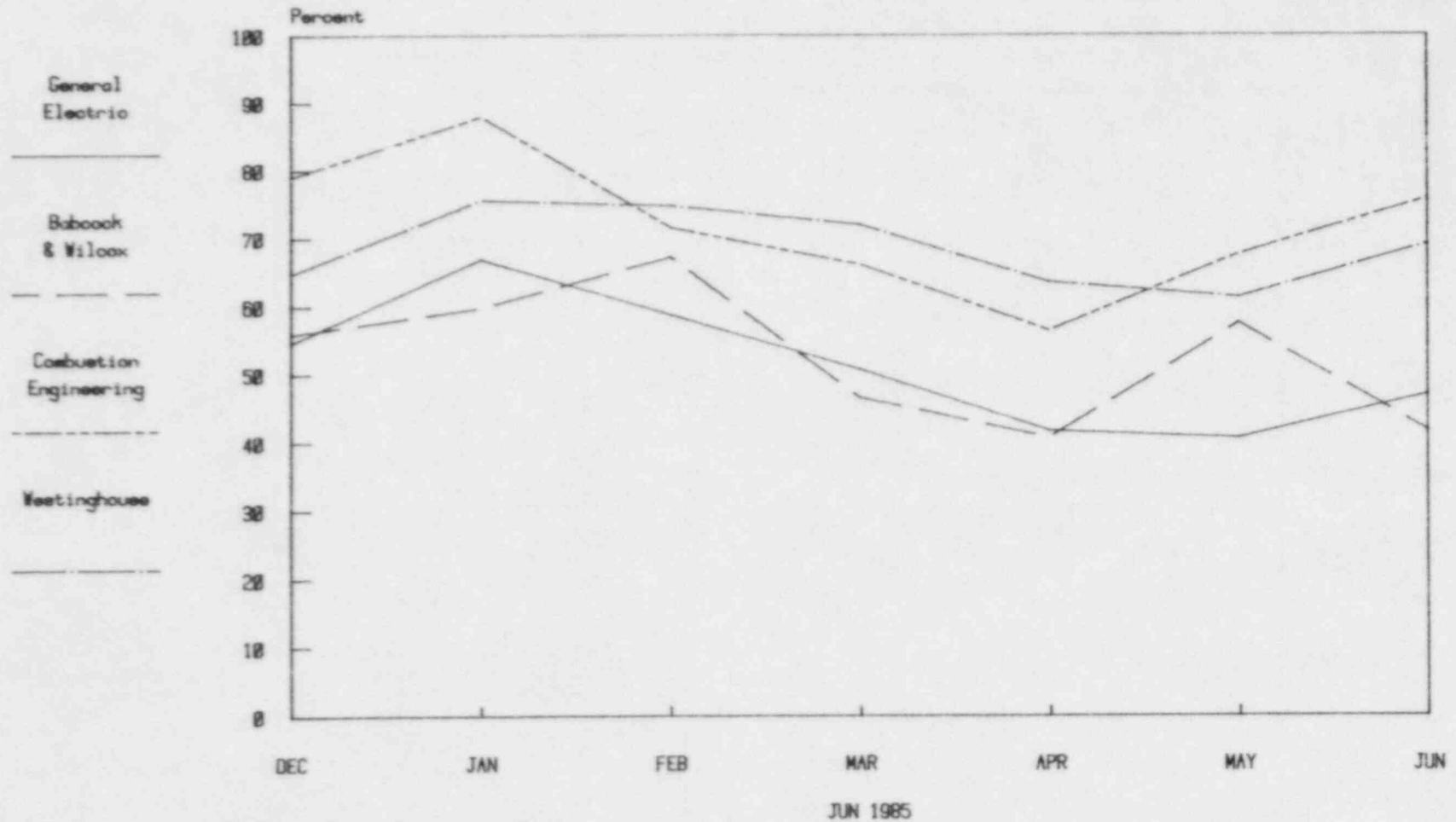
It should be recognized that the 100% line would be obtainable only if all of the commercially operating units operated at 100% capacity, 24 hours per day, for the entire month. In other words, since any power generator must occasionally shut down to refuel and/or perform needed maintenance, and also since 100% capacity production is not always required by power demands, the 100% line is a theoretical goal and not a practical one.



JUNE 1985

Vendor Average Capacity Factors

As of 06-30-85



NOTE: This display of average capacity factors provides a general performance comparison of plants supplied by the four nuclear steam supply system vendors. One must be careful when drawing conclusions regarding the reasons for the performance levels indicated, since plant performance may be affected by unspecified factors such as: (1) various plant designs and models are included for each vendor; (2) turbine/generators and (3) different architect/engineers are also involved.

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PAGE 1-6

AVERAGE CAPACITY FACTORS BY VENDORS

***** CFMDC	CFMDC	CFMDC	CFMDC
* GENERAL * 0.0 BROWNS FERRY 1	0.0 BROWNS FERRY 2	0.0 BROWNS FERRY 3	0.0 BRUNSWICK 1
* ELECTRIC * 89.2 BRUNSWICK 2	0.0 COOPER STATION	60.8 DRESDEN 2	91.4 DRESDEN 3
***** 0.0 DUANE ARNOLD	50.5 FITZPATRICK	80.6 HATCH 1	98.8 HATCH 2
41.2 LASALLE 1	0.0 LASALLE 2	96.0 MILLSTONE 1	97.7 MONTICELLO
95.6 NINE MILE POINT 1	73.1 OYSTER CREEK 1	0.0 PEACH BOTTOM 2	69.1 PEACH BOTTOM 3
85.0 PILGRIM 1	93.1 QUAD CITIES 1	63.7 QUAD CITIES 2	46.8 SUSQUEHANNA 1
84.4 SUSQUEHANNA 2	93.9 VERMONT YANKEE 1	0.3 WASHINGTON NUCLEAR 2	

***** CFMDC	CFMDC	CFMDC	CFMDC
* BABCOCK & * 89.0 ARKANSAS 1	0.0 CRYSTAL RIVER 3	13.1 DAVIS-BESSE 1	98.5 OCONEE 1
* WILCOX * 31.0 OCONEE 2	98.1 OCONEE 3	0.0 RANCHO SECO 1	0.0 THREE MILE ISLAND 1

***** CFMDC	CFMDC	CFMDC	CFMDC
* COMBUSTION * 58.4 ARKANSAS 2	0.0 CALVERT CLIFFS 1	101.3 CALVERT CLIFFS 2	99.0 FORT CALHOUN 1
* ENGINEERING * 101.2 MAINE YANKEE	0.0 MILLSTONE 2	112.0 PALISADES	100.0 SAN ONOFRE 2
***** 72.8 SAN ONOFRE 3	101.3 ST LUCIE 1	101.6 ST LUCIE 2	

***** CFMDC	CFMDC	CFMDC	CFMDC
* WESTINGHOUSE* 98.2 BEAVER VALLEY 1	78.9 CALLAWAY 1	96.8 CATAWBA 1	0.0 COOK 1
***** 99.0 COOK 2	95.3 DIABLO CANYON 1	86.5 FARLEY 1	101.5 FARLEY 2
97.3 GINNA	96.7 HADDAM NECK	97.4 INDIAN POINT 2	20.1 INDIAN POINT 3
104.1 KEWAUNEE	2.2 MCGUIRE 1	82.2 MCGUIRE 2	98.1 NORTH ANNA 1
97.8 NORTH ANNA 2	23.3 POINT BEACH 1	100.8 POINT BEACH 2	100.1 PRAIRIE ISLAND 1
100.5 PRAIRIE ISLAND 2	107.2 ROBINSON 2	100.7 SALEM 1	89.0 SALEM 2
84.4 SAN ONOFRE 1	9.0 SEQUOYAH 1	96.4 SEQUOYAH 2	100.4 SUMMER 1
98.7 SURRY 1	0.5 SURRY 2	0.0 TROJAN	0.0 TURKEY POINT 3
71.7 TURKEY POINT 4	99.4 YANKEE-ROWE 1	16.0 ZION 1	89.8 ZION 2

***** Units excluded are:
 * OTHER INFO * DRESDEN 1
 ***** FORT ST VRAIN
 HUMBOLDT BAY
 LACROSSE
 THREE MILE ISLAND 2

Capacity factor in this page, denoted as CFMDC, is a function of the net maximum dependable capacity. See the corresponding definition in the glossary. The vendor averages are computed by the formula:

Net Electrical Energy Produced by Vendor x 100%

 Potential Electrical Production by Vendor in this Month

	GE BWRs	West PWRs	Comb PWRs	B&W PWRs	ALL PWRs
NET ELECTRICAL PRODUCTION.....	7,573,044	14,408,659	4,951,918	2,026,458	21,387,035
MDC NET.....	22,363	30,008	9,078	6,746	45,832
CFMDC.....	47.0	69.2	75.8	41.7	66.4

MEMORANDA

THE FOLLOWING UNITS USE WEIGHTED AVERAGES TO CALCULATE CAPACITY FACTORS:

ITEM 22

BIG ROCK POINT 1
CALVERT CLIFFS 1 & 2
FARLEY 1
FITZPATRICK
FORT CALHOUN 1
INDIAN POINT 2*
KEWAUNEE
OYSTER CREEK 1
POINT BEACH 1 & 2
THREE MILE ISLAND 1
TURKEY POINT 3 & 4

ITEM 22 & 23

GINNA
HADDAM NECK (CONNECTICUT YANKEE)
MAINE YANKEE
MILLSTONE 2
OCONEE 1, 2, & 3
YANKEE-ROWE 1

*COMPUTED SINCE 7/1/74, THE DATE OF COMPLETION OF A 100 DAY - 100% POWER OPERATION TEST.

THE FOLLOWING UNITS USE THE DATE OF FIRST ELECTRICAL GENERATION INSTEAD OF COMMERCIAL OPERATION,
FOR THEIR CUMULATIVE DATA:

ITEMS 20 THROUGH 24

COOK 1 & 2
BEAVER VALLEY 1
SAN ONOFRE 1

ITEM 24 ONLY

BIG ROCK POINT 1

E R R A T A
CORRECTIONS TO PREVIOUSLY REPORTED DATA

NOTE: THESE CHANGES ARE REFLECTED IN THE DATA CONTAINED IN THE CURRENT REPORT

REVISED MONTHLY HIGHLIGHTS

N O N E
N O N E
N O N E

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: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: K. L. MORTON (501) 964-3155

4. Licensed Thermal Power (Mwt): 2568

5. Nameplate Rating (Gross MWe): 1003 X 0.9 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>92,322.0</u>
13. Hours Reactor Critical	<u>716.3</u>	<u>3,154.3</u>	<u>61,812.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>5,044.0</u>
15. Hrs Generator On-Line	<u>700.4</u>	<u>3,042.0</u>	<u>60,445.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>817.5</u>
17. Gross Therm Ener (MWH)	<u>1,675,609</u>	<u>7,373,523</u>	<u>143,726,334</u>
18. Gross Elec Ener (MWH)	<u>562,025</u>	<u>2,482,059</u>	<u>47,444,330</u>
19. Net Elec Ener (MWH)	<u>535,770</u>	<u>2,350,072</u>	<u>45,212,594</u>
20. Unit Service Factor	<u>97.3</u>	<u>70.0</u>	<u>65.5</u>
21. Unit Avail Factor	<u>97.3</u>	<u>70.0</u>	<u>66.4</u>
22. Unit Cap Factor (MDC Net)	<u>89.0</u>	<u>64.7</u>	<u>58.6</u>
23. Unit Cap Factor (DER Net)	<u>87.5</u>	<u>63.7</u>	<u>57.6</u>
24. Unit Forced Outage Rate	<u>2.7</u>	<u>18.8</u>	<u>15.3</u>
25. Forced Outage Hours	<u>19.6</u>	<u>703.2</u>	<u>10,956.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

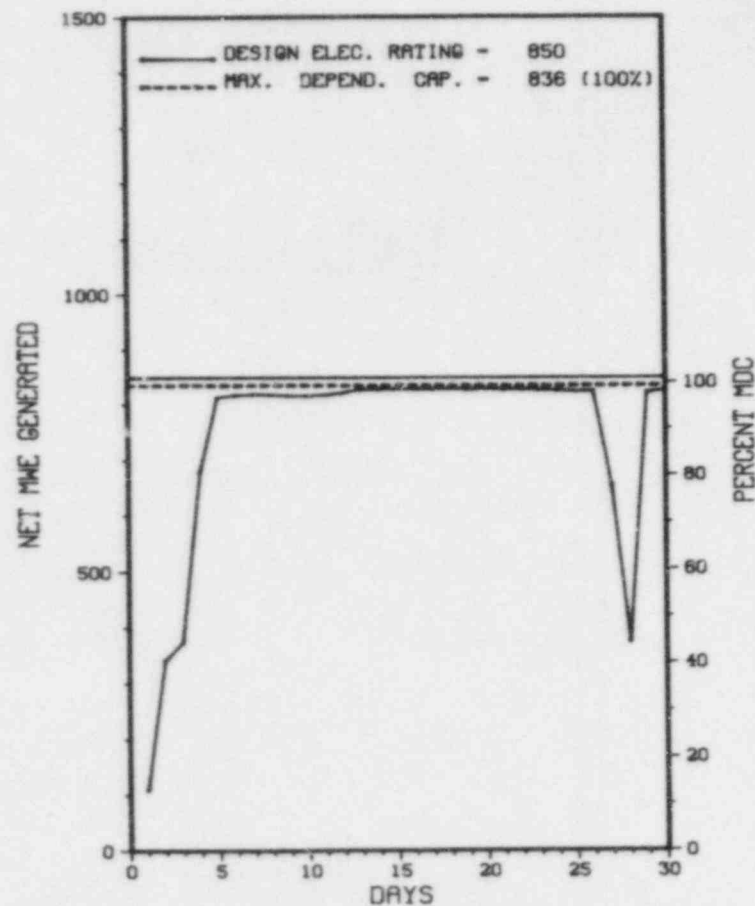
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* ARKANSAS 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ARKANSAS 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * ARKANSAS 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-03	05/31/85	F	12.6	A	4	85-004	SJ	HX	REACTOR TRIP ON HIGH RCS PRESSURE. INITIATING EVENT WAS AN INADVERTENT CLOSURE OF AN INTERCEPT VALVE CAUSING A TRIP OF THE "A" MAIN FEEDWATER PUMP AND A FAILURE OF THE E2-A LOW PRESSURE FEEDWATER HEATER EXPANSION JOINTS.
85-04	06/02/85	F	0.0	A	5		SJ	P	PLANT RUNBACK FROM 90% TO 23% DUE TO "B" MAIN FEEDWATER PUMP TRIP. ESCALATED TO 45% AND REPAIRED PUMP.
85-05	06/02/85	F	7.0	A	3	85-005	SJ	P	UNIT TRIP FROM 45% ON LOSS OF "A" MAIN FEEDWATER PUMP TRIP. BROUGHT UNIT BACK ON LINE.
85-06	06/03/85	F	0.0	A	5		SJ	P	POWER REDUCTION FOR MAIN FEEDWATER PUMP MAINTENANCE AND REPAIR. ESCALATED TO 100% UPON COMPLETION.
85-07	06/27/85	F	0.0	A	5		SJ	P	PLANT RUNBACK FROM 100% TO 39% FULL POWER DUE TO "B" MAIN FEEDWATER PUMP TRIP. REPAIRED PROBLEM AND ESCALATED TO 100%.

 * SUMMARY *

ARKANSAS 1 OPERATED WITH 2 OUTAGES AND 3 REDUCTIONS DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* ARKANSAS 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ARKANSAS
COUNTY.....POPE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR... MI WNW OF
RUSSELLVILLE, AR
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...AUGUST 6, 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
CORPORATE ADDRESS.....NINTH & LOUISIANA STREETS
LITTLE ROCK, ARKANSAS 72203
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...BABCOCK & WILCOX
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....IV
IE RESIDENT INSPECTOR.....B. JOHNSON
LICENSING PROJ MANAGER.....G. VISSING
DOCKET NUMBER.....50-313
LICENSE & DATE ISSUANCE....DPR-51, MAY 21, 1974
PUBLIC DOCUMENT ROOM.....ARKANSAS TECH UNIVERSITY
RUSSELLVILLE, ARKANSAS 72801

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

INSPECTION CONDUCTED APRIL 15-19, 1985 (85-09)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RADIATION PROTECTION ACTIVITIES DURING THE UNIT 2 REFUELING OUTAGE INCLUDING ADVANCED PLANNING AND PREPARATION; STAFFING, TRAINING, AND QUALIFICATIONS; ALARA; EXTERNAL EXPOSURE CONTROL; INTERNAL EXPOSURE CONTROL; POSTING, LABELING, AND WORKER CONTROLS; RADIOACTIVE AND CONTAMINATED MATERIAL CONTROLS; SURVEYS; HEALTH PHYSICS LOGS AND RECORDS; AND INDEPENDENT CONFIRMATORY SURVEYS. AN ALLEGATION REGARDING IMPROPERLY PERFORMED PERSONNEL MONITORING WAS ALSO INVESTIGATED.

WITHIN THE AREAS INSPECTED, ONE DEVIATION WAS IDENTIFIED (PORTABLE CONTINUOUS AIR MONITORS). THE ALLEGATION COULD NOT BE SUBSTANTIATED.

INSPECTION CONDUCTED APRIL 22-26, 1985 (85-10)

ROUTINE, ANNOUNCED INSPECTED OF THE LICENSEE'S PERFORMANCE AND CAPABILITIES DURING AN EXERCISE OF THE EMERGENCY PLAN AND PROCEDURES.

WITHIN THE EMERGENCY RESPONSE AREAS INSPECTED NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED. THREE DEFICIENCIES WERE IDENTIFIED (INITIATING AND MAINTAINING COMMUNICATIONS; DEMONSTRATION OF DOWNGRADING OF EMERGENCY CLASSIFICATION, AND DEMONSTRATION OF RADIOLOGICAL PROTECTION).

INSPECTION STATUS - (CONTINUED)

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*****  
X      ARKANSAS 1      X  
*****
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INSPECTION CONDUCTED MAY 13-17, 1985 (85-14)

WITHIN THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

NONE

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

POWER OPERATION

LAST IE SITE INSPECTION DATE: MAY 13-17, 1985

INSPECTION REPORT NO: 50-313/85-14

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: LINDY BRAMLETT (501) 964-3145

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:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

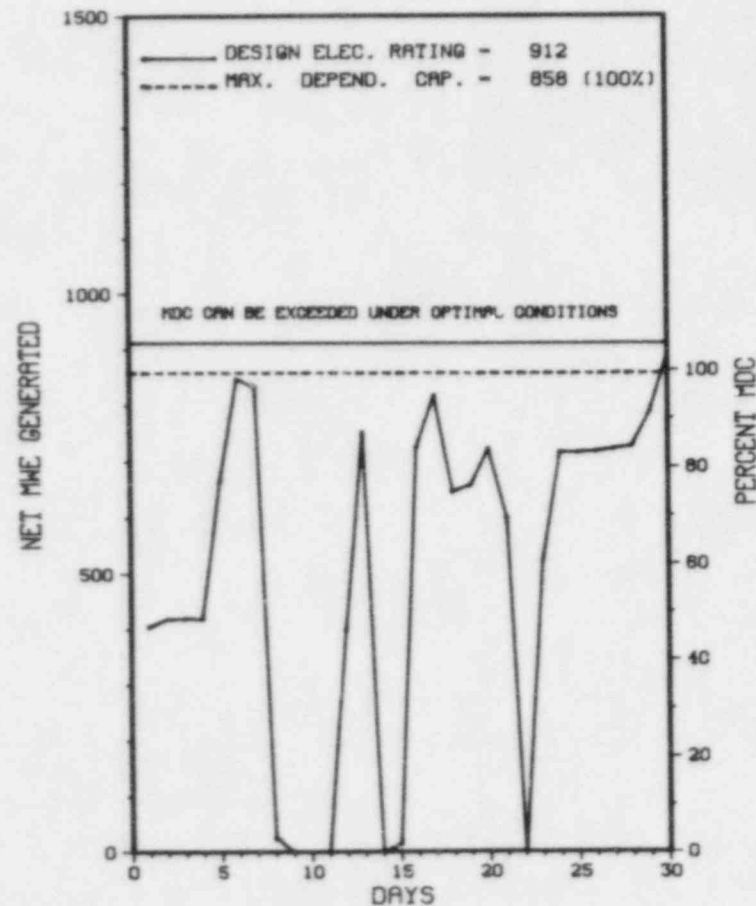
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>46,151.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>2,676.3</u>	<u>31,980.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,430.1</u>
15. Hrs Generator On-Line	<u>554.2</u>	<u>2,407.5</u>	<u>30,800.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>75.0</u>
17. Gross Therm Ener (MWH)	<u>1,172,839</u>	<u>5,811,322</u>	<u>77,865,000</u>
18. Gross Elec Ener (MWH)	<u>387,047</u>	<u>1,944,727</u>	<u>25,461,483</u>
19. Net Elec Ener (MWH)	<u>360,677</u>	<u>1,830,249</u>	<u>24,240,162</u>
20. Unit Service Factor	<u>77.0</u>	<u>55.4</u>	<u>66.7</u>
21. Unit Avail Factor	<u>77.0</u>	<u>55.4</u>	<u>66.9</u>
22. Unit Cap Factor (MDC Net)	<u>58.4</u>	<u>49.1</u>	<u>61.2</u>
23. Unit Cap Factor (DER Net)	<u>54.9</u>	<u>46.2</u>	<u>57.6</u>
24. Unit Forced Outage Rate	<u>23.0</u>	<u>7.9</u>	<u>16.7</u>
25. Forced Outage Hours	<u>165.8</u>	<u>206.8</u>	<u>6,175.2</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

* ARKANSAS 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ARKANSAS 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * ARKANSAS 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
8504	06/08/85	F	96.4	A	1		SB	RV	THE UNIT WAS SHUT DOWN FOR MSR RELIEF VALVE REPAIRS.
8505	06/13/85	F	43.6	A	1		TA	TRB	THE UNIT WAS SHUT DOWN DUE TO TURBINE BEARING PROBLEMS.
8506	06/17/85	F	0.0	A	5		SJ	P	THE UNIT WAS REDUCED TO 80% FP DUE TO HIGH MFW PUMP VIBRATION. IT WAS LATER REDUCED TO 72.5% FP DUE TO COLSS BEING INOPERABLE BUT WAS EVENTUALLY RETURNED TO 80% FP.
8507	06/21/85	F	25.8	A	1		SJ	P	THE UNIT WAS SHUT DOWN FOR MFW PUMP REPAIRS.

 * SUMMARY *

 ARKANSAS 2 OPERATED WITH 3 OUTAGES AND 1 REDUCTION DUE TO EQUIPMENT FAILURE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* ARKANSAS 2 *

FACILITY DATA

Report Period JUN 1985

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 5, 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
CORPORATE ADDRESS.....NINTH & LOUISIANA STREETS
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.....IV
IE RESIDENT INSPECTOR.....W. JOHNSON
LICENSING PROJ MANAGER.....R. LEE
DOCKET NUMBER.....50-368
LICENSE & DATE ISSUANCE...NPF-6, SEPTEMBER 1, 1978
PUBLIC DOCUMENT ROOM.....ARKANSAS TECH UNIVERSITY
RUSSELLVILLE, ARKANSAS 72801

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION CONDUCTED APRIL 15-19, 1985 (85-09)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RADIATION PROTECTION ACTIVITIES DURING THE UNIT 2 REFUELING OUTAGE INCLUDING: ADVANCED PLANNING AND PREPARATION; STAFFING, TRAINING, AND QUALIFICATIONS, ALARA; EXTERNAL EXPOSURE CONTROL; INTERNAL EXPOSURE CONTROL; POSTING, LABELING, AND WORKER CONTROLS; RADIOACTIVE AND CONTAMINATED MATERIAL CONTROLS; SURVEYS; HEALTH PHYSICS LOGS AND RECORDS; AND INDEPENDENT CONFIRMATORY SURVEYS. AN ALLEGATION REGARDING IMPROPERLY PERFORMED PERSONNEL MONITORING WAS ALSO INVESTIGATED.

WITHIN THE AREAS INSPECTED, ONE DEVIATION WAS IDENTIFIED (PORTABLE CONTINUOUS AIR MONITORS) THE ALLEGATION COULD NOT BE SUBSTANTIATED.

INSPECTION CONDUCTED APRIL 22-26, 1985 (85-10)

ROUTINE, ANNOUNCED INSPECTION OF THE LICENSEE'S PERFORMANCE AND CAPABILITIES DURING AN EXERCISE OF THE EMERGENCY PLAN AND PROCEDURES.

WITHIN THE EMERGENCY RESPONSE AREAS INSPECTED NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED. THREE DEFICIENCIES WERE IDENTIFIED (INITIATING AND MAINTAINING COMMUNICATIONS; DEMONSTRATION OF DOWNGRADING OF EMERGENCY CLASSIFICATION; AND DEMONSTRATION OF RADIOLOGICAL PROTECTION)

INSPECTION STATUS - (CONTINUED)

PAGE 2-009

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: P. A. SMITH (412) 643-1825

4. Licensed Thermal Power (Mwt): 2660

5. Nameplate Rating (Gross MWe): 1026 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

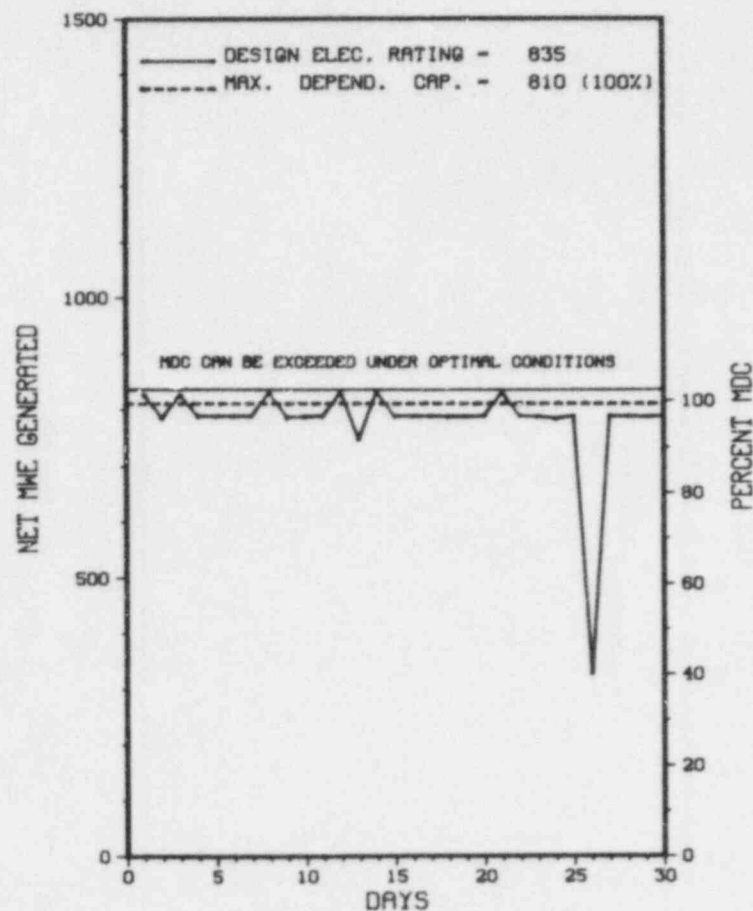
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>80,351.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,024.7</u>	<u>41,384.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>4,482.7</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,883.0</u>	<u>39,966.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,888,526</u>	<u>9,270,135</u>	<u>92,668,640</u>
18. Gross Elec Ener (MWH)	<u>606,000</u>	<u>2,979,000</u>	<u>29,473,440</u>
19. Net Elec Ener (MWH)	<u>572,820</u>	<u>2,790,960</u>	<u>27,425,713</u>
20. Unit Service Factor	<u>100.0</u>	<u>89.4</u>	<u>52.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>89.4</u>	<u>52.1</u>
22. Unit Cap Factor (MDC Net)	<u>98.2</u>	<u>79.3</u>	<u>45.6</u>
23. Unit Cap Factor (DER Net)	<u>95.3</u>	<u>77.0</u>	<u>44.2</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.7</u>	<u>25.5</u>
25. Forced Outage Hours	<u>.0</u>	<u>370.0</u>	<u>18,242.1</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

X BEAVER VALLEY 1 X

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BEAVER VALLEY 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * BEAVER VALLEY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
24	06/10/85	F	0.0	A	5	85-91	EC	BATTERY	THE STATION REDUCED POWER DUE TO A CRACK DISCOVERED IN ONE CELL OF STATION BATTERY #4. A JUMPER WAS USED IN PLACE OF THE CELL AND THE STATION RETURNED TO FULL POWER AT 1800 HOURS ON THE 10TH.

 * SUMMARY *

BEAVER VALLEY 1 OPERATED WITH 1 REDUCTION DUE TO EQUIPMENT FAILURE DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* BEAVER VALLEY 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....PENNSYLVANIA

COUNTY.....BEAVER

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI E OF
E. LIVERPOOL, OH

TYPE OF REACTOR.....PWR

DATE INITIAL CRITICALITY...MAY 10, 1976

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

DATE COMMERCIAL OPERATE...OCTOBER 1, 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

CORPORATE ADDRESS.....ONE OXFORD CENTRE, 301 GRANT STREET
PITTSBURGH, PENNSYLVANIA 15279

CONTRACTOR
ARCHITECT/ENGINEER.....STONE & WEBSTER

NUC STEAM SYS SUPPLIER...WESTINGHOUSE

CONSTRUCTOR.....STONE & WEBSTER

TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I

IE RESIDENT INSPECTOR.....W. TROSKOSKI

LICENSING PROJ MANAGER.....P. TAM
DOCKET NUMBER.....50-334

LICENSE & DATE ISSUANCE...DPR-66, JULY 2, 1976

PUBLIC DOCUMENT ROOM.....B.F. JONES MEMORIAL LIBRARY
633 FRANKLIN AVENUE
ALIQUPPA, PA 15001

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

10 CFR 50, APPENDIX B CRITERION V STATES IN PART THAT "ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUMENTS, PROCEDURES...AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS AND PROCEDURES". LICENSEE PROCEDURE QCP 10.1, STATES IN PART, THAT "INSPECTION ATTRIBUTES SHALL BE SIGNED OFF BY THE INSPECTOR, THE LEAD INSPECTOR (OR HIS DESIGNEE), THE Q-C SUPERVISOR, AND BY THE Q-C ENGINEER". CONTRARY TO THE ABOVE, ON DECEMBER 18, 1984, THE INSPECTOR IDENTIFIED ON LICENSEE INSPECTION REPORT IR-E-15428, THE SIGN-OFFS FOR ALL EXCEPT THE Q-C ENGINEER WERE MADE BY THE SAME PERSON (A LEVEL II INSPECTOR). THIS IS A SEVERITY LEVEL V VIOLATION (SUPPLEMENT I).

(8403 5)

OTHER ITEMS

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* BEAVER VALLEY 1 *

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: LINDA BALCH (616) 547-6537

4. Licensed Thermal Power (Mwt): 240

5. Nameplate Rating (Gross MWe): 70.6 X 0.85 = 60

6. Design Electrical Rating (Net MWe): 72

7. Maximum Dependable Capacity (Gross MWe): 73

8. Maximum Dependable Capacity (Net MWe): 69

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

* BIG ROCK POINT 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

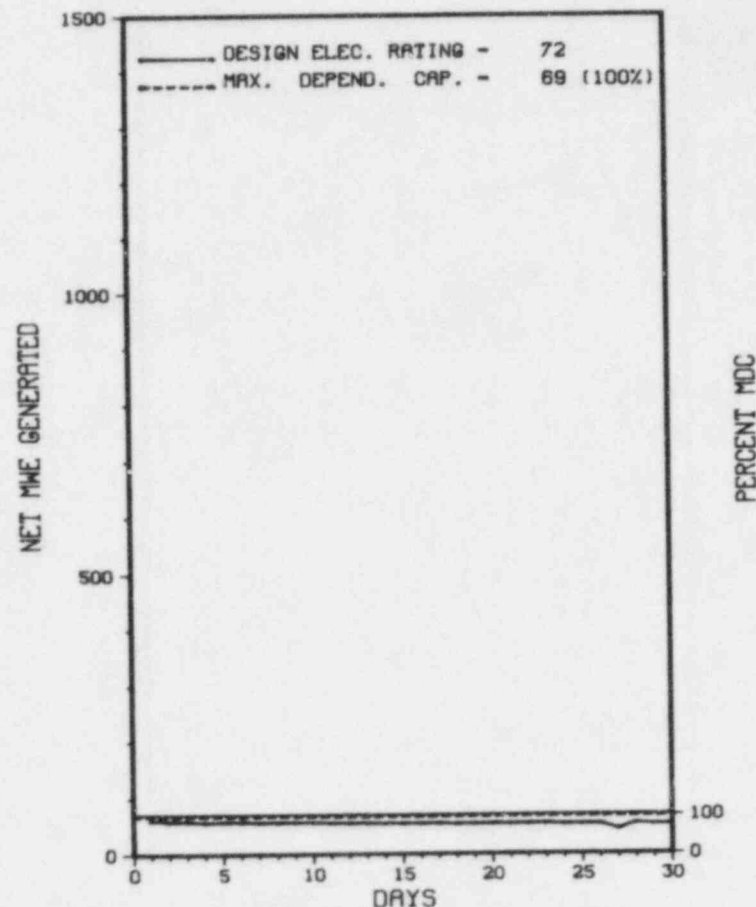
BIG ROCK POINT 1

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>195,114.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,805.9</u>	<u>138,498.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,761.0</u>	<u>135,960.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>132,488</u>	<u>758,697</u>	<u>25,611,250</u>
18. Gross Elec Ener (MWH)	<u>43,187</u>	<u>243,814</u>	<u>8,101,066</u>
19. Net Elec Ener (MWH)	<u>40,725</u>	<u>230,801</u>	<u>7,660,536</u>
20. Unit Service Factor	<u>100.0</u>	<u>86.6</u>	<u>69.7</u>
21. Unit Avail Factor	<u>100.0</u>	<u>86.6</u>	<u>69.7</u>
22. Unit Cap Factor (MDC Net)	<u>82.0</u>	<u>76.5</u>	<u>58.5*</u>
23. Unit Cap Factor (DER Net)	<u>78.6</u>	<u>73.8</u>	<u>54.5</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.4</u>	<u>15.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>52.7</u>	<u>11,107.7</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

REFUELING-SEPTEMBER, 1985

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

* Item calculated with a Weighted Average

PAGE 2-014

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* BIG ROCK POINT 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

BIG ROCK POINT 1 OPERATED ROUTINELY DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

X BIG ROCK POINT 1 X

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MICHIGAN

COUNTY.....CHARLEVOIX

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

TYPE OF REACTOR.....BWR

DATE INITIAL CRITICALITY...SEPTEMBER 27, 1962

DATE ELEC ENER 1ST GENER...DECEMBER 8, 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

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.....III

IE RESIDENT INSPECTOR.....S. GUTHRIE

LICENSING PROJ MANAGER.....T. ROTELLA
DOCKET NUMBER.....50-155

LICENSE & DATE ISSUANCE...DPR-6, AUGUST 30, 1962

PUBLIC DOCUMENT ROOM.....NORTH CENTRAL MICHIGAN COLLEGE
1515 HOWARD STREET
PETOSKEY, MICHIGAN 49770

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 20-23, (85004): ROUTINE, ANNOUNCED INSPECTION OF THE BIG ROCK POINT NUCLEAR PLANT EMERGENCY PREPAREDNESS EXERCISE INVOLVING OBSERVATIONS BY NINE NRC REPRESENTATIVES OF KEY FUNCTIONS AND LOCATIONS DURING THE EXERCISE. THE INSPECTION INVOLVED 184 INSPECTOR-HOURS ONSITE BY FIVE NRC INSPECTORS AND FOUR CONSULTANTS. NO ITEMS OF NONCOMPLIANCE, DEFICIENCIES, OR DEVIATIONS WERE IDENTIFIED. ONE EXERCISE WEAKNESS WAS IDENTIFIED AS SUMMARIZED IN THE APPENDIX.

INSPECTION ON APRIL 30 - JUNE 10 (85007): ROUTINE, UNANNOUNCED INSPECTION CONDUCTED BY THE SENIOR RESIDENT INSPECTOR OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS, OPERATIONAL SAFETY VERIFICATION, MONTHLY MAINTENANCE OBSERVATION, REACTOR TRIPS, LICENSING ACTIVITIES, AND FOLLOWUP ON REGIONAL REQUESTS. THE INSPECTION INVOLVED A TOTAL OF 112 INSPECTOR-HOURS BY ONE NRC INSPECTOR. OF THE SIX AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED. HOWEVER, SEVERAL AREAS OF SAFETY CONCERN WERE DISCUSSED WITH PLANT MANAGEMENT INCLUDING: THE INCREASING EVIDENCE OF PERSONNEL ERROR; AND THE GENERAL LACK OF IDENTIFICATION OF PIPING AND COMPONENTS THROUGHOUT THE FACILITY.

INSPECTION ON MAY 20-23 (85009): ROUTINE, ANNOUNCED INSPECTION OF GASEOUS AND LIQUID RADIOACTIVE PROGRAM INCLUDING: EFFLUENT RELEASES; RECORDS AND REPORTS OF EFFLUENT; EFFLUENT CONTROL INSTRUMENTATION; PROCEDURES FOR CONTROLLING RELEASES; REACTOR COOLANT CHEMISTRY AND ACTIVITY; GASEOUS EFFLUENT FILTRATION; AND AUDITS. THE INSPECTION INVOLVED 35 INSPECTOR-HOURS ON SITE BY ONE NRC INSPECTOR. NO VIOLATIONS OR DEFICIENCIES WERE IDENTIFIED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* BIG ROCK POINT 1 *

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

OPERATING ROUTINELY

LAST IE SITE INSPECTION DATE: JUNE 11 - JULY 22, 1985

INSPECTION REPORT NO: 85011

R E P O R T S F R O M L I C E N S E E

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=====
NUMBER   DATE OF   DATE OF   SUBJECT
         EVENT    REPORT
-----
85-04    05/25/85   06/05/85   REACTOR TRIP - UPSCALE/DOWNSCALE
=====
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1. Docket: 50-259 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: TED THOM (205) 729-0834

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>95,689.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>1,647.7</u>	<u>59,520.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>512.1</u>	<u>6,996.8</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,626.6</u>	<u>58,276.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>4,950,821</u>	<u>167,963,338</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,652,650</u>	<u>55,398,131</u>
19. Net Elec Ener (MWH)	<u>-7,213</u>	<u>1,582,606</u>	<u>53,756,427</u>
20. Unit Service Factor	<u>.0</u>	<u>37.5</u>	<u>60.9</u>
21. Unit Avail Factor	<u>.0</u>	<u>37.5</u>	<u>60.9</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>34.2</u>	<u>52.7</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>34.2</u>	<u>52.7</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>55.1</u>	<u>23.6</u>
25. Forced Outage Hours	<u>.0</u>	<u>1,996.4</u>	<u>18,041.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

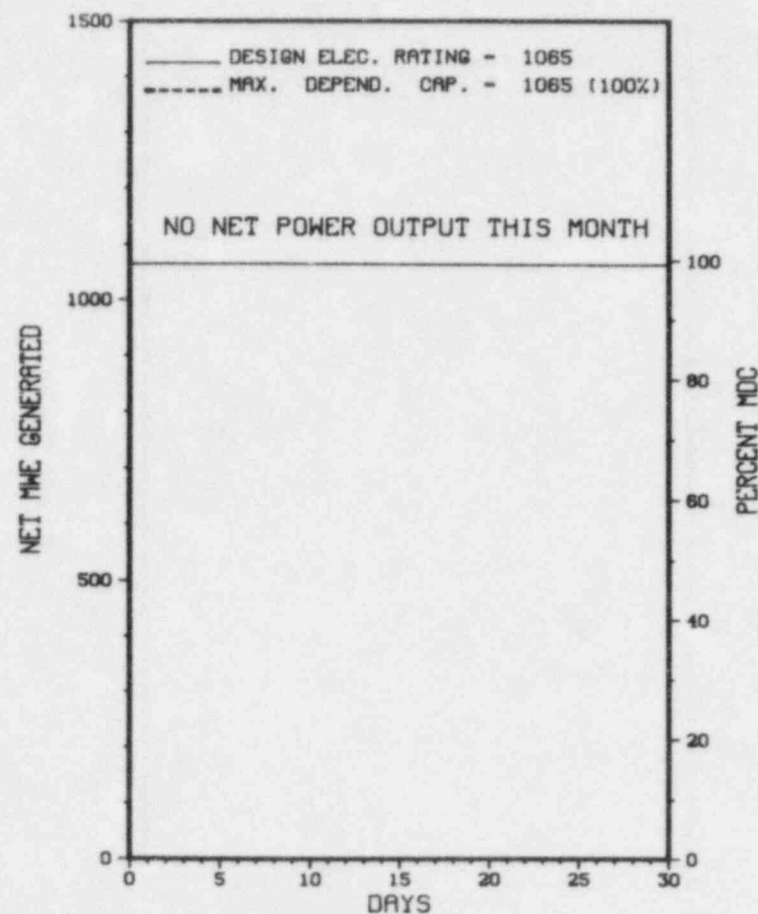
NONE

27. If Currently Shutdown Estimated Startup Date: 12/01/86

* BROWNS FERRY 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BROWNS FERRY 1



Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* BROWNS FERRY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
315	06/01/85	S	720.0	C	2		RC FUELXX	END OF CYCLE-6 REFUEL OUTAGE BEGINS.

* SUMMARY *

BROWNS FERRY 1 COMMENCED A REFUELING OUTAGE ON JUNE 1, 1985.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* BROWNS FERRY 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ALABAMA
COUNTY.....LIMESTONE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...10 MI NW OF
DECATUR, ALA
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...AUGUST 17, 1973
DATE ELEC ENER 1ST GENER...OCTOBER 15, 1973
DATE COMMERCIAL OPERATE...AUGUST 1, 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.....500A CHESTNUT STREET TOWER II
CHATTANOOGA, TENNESSEE 37401
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.....II
IE RESIDENT INSPECTOR.....J. PAULK
LICENSING PROJ MANAGER.....R. CLARK
DOCKET NUMBER.....50-259
LICENSE & DATE ISSUANCE....DPR-33, DECEMBER 20, 1973
PUBLIC DOCUMENT ROOM.....ATHENS PUBLIC LIBRARY
SOUTH AND FORREST
ATHENS, ALABAMA 35611

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION JUNE 3-7 (85-27): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 12 INSPECTOR-HOURS AT THE SITE DURING NORMAL DUTY HOURS, IN THE AREAS OF LIQUID AND GASEOUS RADWASTE MANAGEMENT. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 26 - MAY 25 (85-28): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 65 INSPECTOR-HOURS IN THE AREAS OF OPERATIONAL SAFETY, MAINTENANCE OBSERVATION, REPORTABLE OCCURRENCES, ONSITE REVIEW COMMITTEE, AND SURVEILLANCE OBSERVATION. VIOLATIONS - 10 CFR 50.73(A)(2): TWO EXAMPLES OF FAILURE TO SUBMIT LICENSEE EVENT REPORTS. 10 CFR 50 APPENDIX B, CRITERION XVI: FAILURE TO TAKE CORRECTIVE ACTION TO DETERMINE ROOT CAUSE OF REPEATED SLC SYSTEM HEAT TRACE TRANSFORMER FAILURES. TECHNICAL SPECIFICATION 6.3.A: TWO EXAMPLES OF INADEQUATE PROCEDURES: (A) FIRE PROTECTION SURVEILLANCE INADEQUATE IN CHECKING SMOKE DETECTORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS; FIRE PROTECTION SURVEILLANCE INADEQUATE IN VERIFYING PRINCIPAL HEADER VALVES OPEN QUARTERLY, AND (B) OPERATING.

INSPECTION MAY 6-8 (85-29): THIS ANNOUNCED INSPECTION WAS HELD TO COINCIDE WITH THE SITE FAMILIARIZATION GIVEN TO NUMEROUS SPECIAL AGENTS OF THE FBI AND TO PARTICIPATE IN A TRAINING SESSION AFFORDED THE AGENTS RELATIVE TO PLANT OPERATIONS AND NRC SECURITY REQUIREMENTS. NO VIOLATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (85-30): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 11 INSPECTOR-HOURS AT THE SITE IN THE AREAS OF MECHANICAL MAINTENANCE ASSOCIATED WITH SAFETY-RELATED PIPE SUPPORT AND RESTRAINT SYSTEMS RESULTING FROM THE TORUS MODIFICATIONS, AND PIPE SUPPORT BASEPLATE DESIGNS USING CONCRETE EXPANSION ANCHOR BOLTS (IE BULLETIN 79-02). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* BROWNS FERRY 1 *

INSPECTION SUMMARY

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

ENVIRONMENTAL QUALIFICATION WORK.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

REFUELING COMMENCED JUNE 1, 1985.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1985 +

INSPECTION REPORT NO: 50-259/85-30 +

Report Period JUN 1985

REPORTS FROM LICENSEE

* BROWNS FERRY 1 *

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-013	04/18/85	05/14/85	TEMPORARY STARTUP TEST PANEL INSTALLATION, PANEL CONFIGURATION WILL BE MODIFIED TO TO MEET SEISMIC REQUIREMENTS.
85-014	04/19/85	05/14/85	UNQUALIFIED D/G & SHUTDOWN BOARD BATTERY RACKS, D/G BATTERY RACKS WERE NOT SEISMICALLY QUALIFIED.
85-015	05/01/85	05/24/85	INOPERABLE RESIDUAL HEAT REMOVAL VALVE, INTERMEDIATE GEAR ASSEMBLY SPLINE TEETH HAD SHEARED.
85-016	01/16/85	05/31/85	AUTOMATIC REACTOR SCRAM DUE TO LOSS OF FEEDWATER, THE ROOT CAUSE FOR THE UNIT SCRAM WAS BELIEVED TO BE A COLD SOLDER.
85-017	05/14/85	06/13/85	LACK OF ENVIRONMENTAL QUALIFICATION FOR H2O2 ANALYZER VALVES, DUE TO THE FAILURE OF THE VENDOR TO MEET PROCUREMENT REQUIREMENTS.
85-018	05/17/85	06/14/85	IMPROPER MODIFICATION OF SECONDARY CONTAINMENT RELIEF PANELS, REPLACEMENT OF HARDWARE & OTHER REPAIRS THAT WILL ENSURE ALL BLOWOUT PANELS WILL FUNCTION PROPERLY.
85-019	05/23/85	06/21/85	FAILURE TO ALIGN FIRE PUMP ISOLATION VALVES PROPERLY, 2 OF THE SYSTEM ISOLATION HEADER VALVES HAD BEEN LEFT CLOSED.

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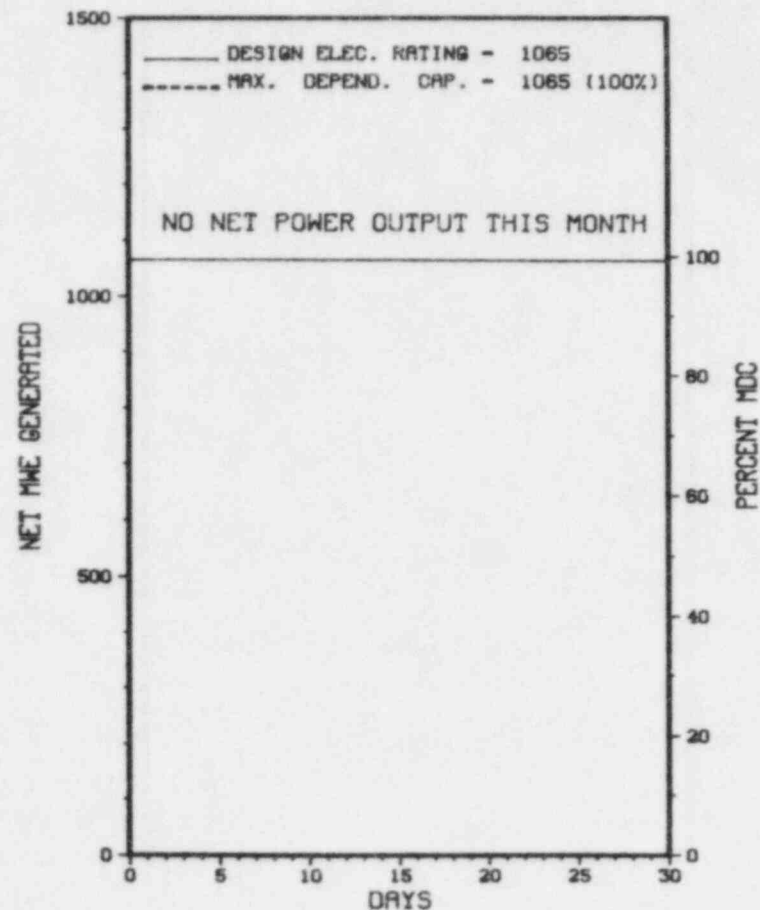
1. Docket: 50-260 O P E R A T I N G S T A T U S

* BROWNS FERRY 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
BROWNS FERRY 2

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0
3. Utility Contact: TED THOM (205) 729-0834
4. Licensed Thermal Power (MWh): 3293
5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 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:
NONE

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:
NONE



	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>90,600.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>.0</u>	<u>55,859.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>14,200.4</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>.0</u>	<u>54,338.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>0</u>	<u>153,245,167</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>50,771,798</u>
19. Net Elec Ener (MWH)	<u>-1,914</u>	<u>-15,601</u>	<u>49,287,372</u>
20. Unit Service Factor	<u>.0</u>	<u>.0</u>	<u>60.0</u>
21. Unit Avail Factor	<u>.0</u>	<u>.0</u>	<u>60.0</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>.0</u>	<u>51.1</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>.0</u>	<u>51.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>23.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>16,304.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 02/24/86

JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* BROWNS FERRY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to prevent Recurrence
305	09/15/84	S	720.0	C	4			E0C-5 REFUEL OUTAGE CONTINUES.

* SUMMARY *

BROWNS FERRY 2 REMAINS SHUTDOWN IN A CONTINUING REFUELING 1 MAINTENANCE OUTAGE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* BROWNS FERRY 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ALABAMA
COUNTY.....LIMESTONE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...10 MI NW OF
DECATUR, ALA
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...JULY 20, 1974
DATE ELEC ENER 1ST GENER...AUGUST 28, 1974
DATE COMMERCIAL OPERATE...MARCH 1, 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.....500A CHESTNUT STREET TOWER II
CHATTANOOGA, TENNESSEE 37401
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.....II
IE RESIDENT INSPECTOR.....J. PAULK
LICENSING PROJ MANAGER.....R. CLARK
DOCKET NUMBER.....50-260
LICENSE & DATE ISSUANCE...DPR-52, AUGUST 2, 1974
PUBLIC DOCUMENT ROOM.....ATHENS PUBLIC LIBRARY
SOUTH AND FORREST
ATHENS, ALABAMA 35611

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION JUNE 3-7 (85-27): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 12 INSPECTOR-HOURS AT THE SITE DURING NORMAL DUTY HOURS, IN THE AREAS OF LIQUID AND GASEOUS RADWASTE MANAGEMENT. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 26 - MAY 25 (85-28): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 65 INSPECTOR-HOURS IN THE AREAS OF OPERATIONAL SAFETY, MAINTENANCE OBSERVATION, REPORTABLE OCCURRENCES, ONSITE REVIEW COMMITTEE, AND SURVEILLANCE OBSERVATION. VIOLATIONS -10 CFR 50.73(A)(2): TWO EXAMPLES OF FAILURE TO SUBMIT LICENSEE EVENT REPORTS. 10 CFR 50 APPENDIX B, CRITERION XVI: FAILURE TO TAKE CORRECTIVE ACTION TO DETERMINE ROOT CAUSE OF REPEATED SLC SYSTEM HEAT TRACE TRANSFORMER FAILURES. TECHNICAL SPECIFICATION 6.3.A: TWO EXAMPLES OF INADEQUATE PROCEDURES: (A) FIRE PROTECTION SURVEILLANCE INADEQUATE IN CHECKING SMOKE DETECTORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS; FIRE PROTECTION SURVEILLANCE INADEQUATE IN VERIFYING PRINCIPAL HEADER VALVES OPEN QUARTERLY, AND (B) OPERATING.

INSPECTION MAY 6-8 (85-29): THIS ANNOUNCED INSPECTION WAS HELD TO COINCIDE WITH THE SITE FAMILIARIZATION GIVEN TO NUMEROUS SPECIAL AGENTS OF THE FBI AND TO PARTICIPATE IN A TRAINING SESSION AFFORDED THE AGENTS RELATIVE TO PLANT OPERATIONS AND NRC SECURITY REQUIREMENTS. NO VIOLATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (85-30): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 11.5 INSPECTOR-HOURS AT THE SITE IN THE AREAS OF MECHANICAL MAINTENANCE ASSOCIATED WITH SAFETY-RELATED PIPE SUPPORT AND RESTRAINT SYSTEMS RESULTING FROM THE TORUS MODIFICATIONS, AND PIPE SUPPORT BASEPLATE DESIGNS USING CONCRETE EXPANSION ANCHOR BOLTS (IE BULLETIN 79-02). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

X BROWNS FERRY 2 X

INSPECTION SUMMARY

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN ON SEPTEMBER 15, 1984 FOR REFUELING OUTAGE.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1985 +

INSPECTION REPORT NO: 50-260/85-30 +

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE.			

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1. Docket: 50-296 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: TED THOM (205) 729-3624

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>73,055.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>1,517.5</u>	<u>45,306.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>508.0</u>	<u>5,149.4</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,497.0</u>	<u>44,195.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>4,649,840</u>	<u>131,846,076</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,572,770</u>	<u>43,473,760</u>
19. Net Elec Ener (MWH)	<u>-6,394</u>	<u>1,505,662</u>	<u>42,172,323</u>
20. Unit Service Factor	<u>.0</u>	<u>34.5</u>	<u>60.5</u>
21. Unit Avail Factor	<u>.0</u>	<u>34.5</u>	<u>60.5</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>32.6</u>	<u>54.2</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>32.6</u>	<u>54.2</u>
24. Unit Forced Outage Rate	<u>100.0</u>	<u>65.5</u>	<u>16.6</u>
25. Forced Outage Hours	<u>720.0</u>	<u>2,846.0</u>	<u>8,800.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

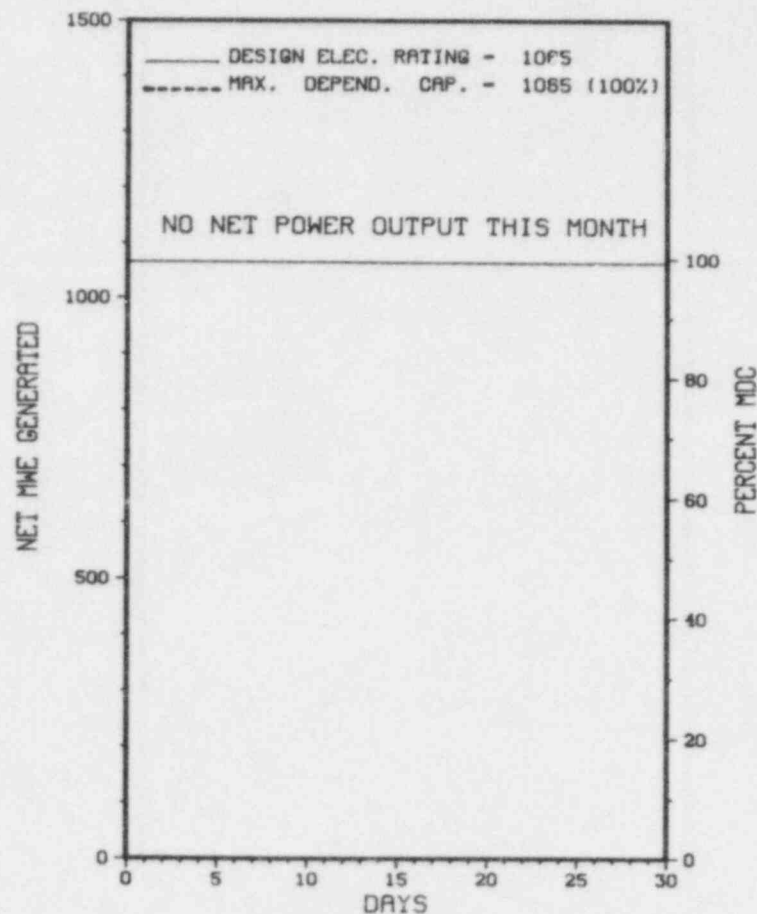
NOVEMBER 85

27. If Currently Shutdown Estimated Startup Date: 08/01/86

* BROWNS FERRY 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BROWNS FERRY 3



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * BROWNS FERRY 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
156	03/15/85	F	720.0	F	4			THE UNIT REMAINS ON ADMINISTRATIVE HOLD UNTIL VARIOUS TVA AND NRC CONCERNS ARE RESOLVED.

 * SUMMARY *

BROWNS FERRY 3 REMAINS SHUTDOWN IN A CONTINUING ADMINISTRATIVE OUTAGE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* BROWNS FERRY 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ALABAMA

COUNTY.....LIMESTONE

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

TYPE OF REACTOR.....BWR

DATE INITIAL CRITICALITY...AUGUST 8, 1976

DATE ELEC ENER 1ST GENER...SEPTEMBER 12, 1976

DATE COMMERCIAL OPERATE...MARCH 1, 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.....500A CHESTNUT STREET TOWER II
CHATTANOOGA, TENNESSEE 37401

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.....II

IE RESIDENT INSPECTOR.....J. PAULK

LICENSING PROJ MANAGER....R. CLARK
DOCKET NUMBER.....50-296

LICENSE & DATE ISSUANCE...DPR-68, AUGUST 18, 1976

PUBLIC DOCUMENT ROOM.....ATHENS PUBLIC LIBRARY
SOUTH AND FORREST
ATHENS, ALABAMA 35611

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION JUNE 3-7 (85-27): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 12 INSPECTOR-HOURS AT THE SITE DURING NORMAL DUTY HOURS, IN THE AREAS OF LIQUID AND GASEOUS RADWASTE MANAGEMENT. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 26 - MAY 25 (85-28): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 65 INSPECTOR-HOURS IN THE AREAS OF OPERATIONAL SAFETY, MAINTENANCE OBSERVATION, REPORTABLE OCCURRENCES, ONSITE REVIEW COMMITTEE, AND SURVEILLANCE OBSERVATION. VIOLATIONS -10 CFR 50.73(A)(2): TWO EXAMPLES OF FAILURE TO SUBMIT LICENSEE EVENT REPORTS. 10 CFR 50 APPENDIX B, CRITERION XVI: FAILURE TO TAKE CORRECTIVE ACTION TO DETERMINE ROOT CAUSE OF REPEATED SLC SYSTEM HEAT TRACE TRANSFORMER FAILURES. TECHNICAL SPECIFICATION 6.3.A: TWO EXAMPLES OF INADEQUATE PROCEDURES: (A) FIRE PROTECTION SURVEILLANCE INADEQUATE IN CHECKING SMOKE DETECTORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS; FIRE PROTECTION SURVEILLANCE INADEQUATE IN VERIFYING PRINCIPAL HEADER VALVES OPEN QUARTERLY, AND (B) OPERATING.

INSPECTION MAY 6-8 (85-29): THIS ANNOUNCED INSPECTION WAS HELD TO COINCIDE WITH THE SITE FAMILIARIZATION GIVEN TO NUMEROUS SPECIAL AGENTS OF THE FBI AND TO PARTICIPATE IN A TRAINING SESSION AFFORDED THE AGENTS RELATIVE TO PLANT OPERATIONS AND NRC SECURITY REQUIREMENTS. NO VIOLATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (85-30): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 11.5 INSPECTOR-HOURS AT THE SITE IN THE AREAS OF MECHANICAL MAINTENANCE ASSOCIATED WITH SAFETY-RELATED PIPE SUPPORT AND RESTRAINT SYSTEMS RESULTING FROM THE TORUS MODIFICATIONS, AND PIPE SUPPORT BASEPLATE DESIGNS USING CONCRETE EXPANSION ANCHOR BOLTS (IE BULLETIN 79-02). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* BROWNS FERRY 3 *

INSPECTION SUMMARY

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

LICENSEE EVALUATING CAUSE OF REACTOR VESSEL WATER LEVEL INDICATION PROBLEMS.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN ON MARCH 9, 1985.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1985 +

INSPECTION REPORT NO: 50-296/85-30 +

Report Period JUN 1985

R E P O R T S F R O M L I C E N S E E

* BROWNS FERRY 3 *

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NUMBER      DATE OF      DATE OF      SUBJECT
            EVENT       REPORT
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85-010      04/21/85    05/17/85    INADVERTENT INITIATION OF CONTAINMENT ISOLATION SYSTEM, AN E THAT WAS BEING REMOVED SHORTED
            04/25/85    05/24/85    AGAINST ADJACENT FUSE CLIP SHORTED.
85-012      04/25/85    05/24/85    MOMENTARY LOSS OF SECONDARY CONTAINMENT, DUE TO PERSONNEL AIRLOCK DOOR PROBLEMS.
85-013      04/30/85    05/29/85    EXCESSIVE PRIMARY CONTAINMENT ISOLATION VALVE CLOSURE TIME, THE 4 VALVES WILL BE ADJUSTED, AS
            04/29/85    05/24/85    REQUIRED.
85-014      04/29/85    05/24/85    CONTAINMENT ISOLATION INITIATION, A CAUTION NOTE WAS ADDED TO THE SURVEILLANCE INSTRUCTION.
85-015      05/15/85    06/11/85    SETPOINT DRIFT OF TURBINE FIRST-STAGE PERMISSIVE SWITCHES, DUE TO INSTRUMENT DRIFT.
85-016      05/17/85    06/07/85    EMERGENCY DIESEL GENERATOR FUEL LINE LEAK, A PINHOLE LEAK DEVELOPED AT THE FUEL LINE/FILTER
            05/17/85    06/07/85    LEVEL.
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1. Docket: 50-325 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: FRANCES HARRISON (919) 457-9521

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWe): 963 X 0.9 = 867

6. Design Electrical Rating (Net MWe): 821

7. Maximum Dependable Capacity (Gross MWe): 815

8. Maximum Dependable Capacity (Net MWe): 790

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>72,648.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>2,079.0</u>	<u>45,500.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,647.1</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>2,064.4</u>	<u>42,954.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>3,521,597</u>	<u>87,570,785</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,180,426</u>	<u>28,922,520</u>
19. Net Elec Ener (MWH)	<u>-1,380</u>	<u>1,132,040</u>	<u>27,777,814</u>
20. Unit Service Factor	<u>.0</u>	<u>47.5</u>	<u>59.1</u>
21. Unit Avail Factor	<u>.0</u>	<u>47.5</u>	<u>59.1</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>33.0</u>	<u>48.4</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>31.7</u>	<u>46.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>2.2</u>	<u>18.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>47.1</u>	<u>9,598.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

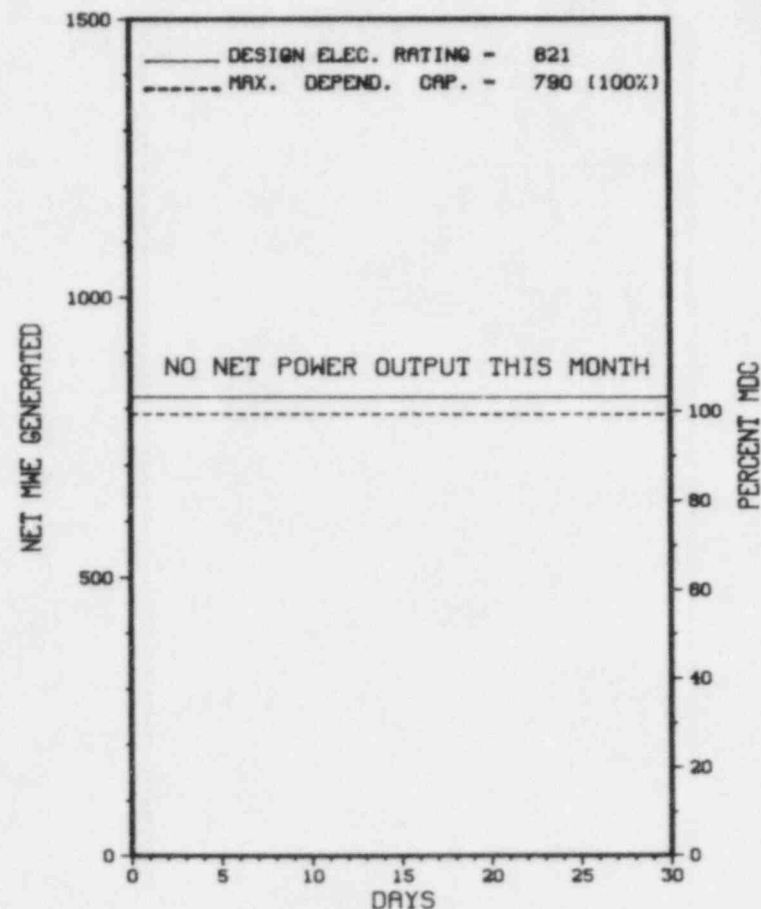
NONE

27. If Currently Shutdown Estimated Startup Date: 11/05/85

* BRUNSWICK 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BRUNSWICK 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

BRUNSWICK 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-006	03/29/85	S	720.0	C	4		RC	FUELYX	REFUELING/MAINTENANCE OUTAGE CONTINUES.

* SUMMARY *

BRUNSWICK 1 REMAINS SHUTDOWN IN AN ONGOING REFUELING OUTAGE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* BRUNSWICK 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NORTH CAROLINA
COUNTY.....BRUNSWICK
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...3 MI N OF
SOUTHPORT, NC
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...OCTOBER 8, 1976
DATE ELEC ENER 1ST GENER...DECEMBER 4, 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
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.....II
IE RESIDENT INSPECTOR.....W. RULAND
LICENSING PROJ MANAGER.....M. GROTEHUIS
DOCKET NUMBER.....50-325
LICENSE & DATE ISSUANCE...DPR-71, NOVEMBER 12, 1976
PUBLIC DOCUMENT ROOM.....SOUTHPORT-BRUNSWICK COUNTY LIBRARY
108 W. MOORE STREET
SOUTHPORT, NORTH CAROLINA 28461

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 1-31 (85-11): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 107.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF MAINTENANCE OBSERVATION, SURVEILLANCE TESTING, OPERATIONAL SAFETY VERIFICATION, ESF SYSTEM WALKDOWN, ONSITE EVENT FOLLOWUP, INDEPENDENT INSPECTION, REFUELING ACTIVITIES, ONSITE REVIEW COMMITTEE, AND LER REVIEW. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 20-24 (85-14): THIS SPECIAL, ANNOUNCED INSPECTION ENTAILED 65 INSPECTOR-HOURS ONSITE CONCERNING LICENSEE RESPONSE TO GENERIC LETTER (GL) 83-28, REQUIRED ACTIONS BASED ON GENERIC IMPLICATIONS OF SALEM ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS) EVENTS. AREAS INSPECTED INCLUDED: POST-TRIP REVIEW; EQUIPMENT CLASSIFICATION; VENDOR INTERFACE AND MANUAL CONTROL; SURVEILLANCE AND POST-MAINTENANCE TESTING; AND REACTOR TRIP SYSTEM RELIABILITY. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 13-17 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 17 INSPECTOR-HOURS ONSITE IN THE AREAS OF INDEPENDENT INSPECTION EFFORT, INSERVICE INSPECTION - REVIEW OF PROCEDURE AND OBSERVATION OF WORK, OBSERVATION OF COMPLETED WELDING BY VISUAL EXAMINATION, AND REVIEW OF RADIOGRAPHIC FILM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT CONFERENCE/INSPECTION JUNE 6 (85-18): DURING INSPECTION OF THE NONDESTRUCTIVE EXAMINATION (NDE) ULTRASONIC INSEPTION (UT) ACTIVITIES IN NOVEMBER 1984, PROBLEMS WERE IDENTIFIED WHICH BROUGHT INTO QUESTION THE TECHNICAL ADEQUACY OF SOME OF THE UT EXAMINATIONS. IMMEDIATE CORRECTIVE ACTIONS WERE TAKEN AT THAT TIME, AND PLANS WERE MADE BY THE LICENSEE TO STRENGTHEN THE INSPECTION PROGRAM TO PRECLUDE RECURRENCE. DURING AN INSPECTION IN MARCH OF 1985 IT WAS DETERMINED THAT CORRECTIVE ACTIONS WERE STILL NOT COMPLETE EVEN THOUGH AN OUTAGE WAS ABOUT TO START. INSPECTION DURING APRIL AND MAY ONCE AGAIN IDENTIFIED TECHNICAL

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* BRUNSWICK 1 *

INSPECTION SUMMARY

CONCERNS WITH THE NDE ACTIVITIES WHICH RAISED A CONCERN ABOUT THE ADEQUACY OF THE NDE PROGRAM AND THE ABILITY OF THE LICENSEE TO PROPERLY CONTROL THIS TYPE OF ACTIVITIES. AS A RESULT OF THESE FINDINGS, THE LICENSEE WAS INVITED TO THE REGION II OFFICE ON JUNE 6, 1985, TO DISCUSS THE MANAGEMENT AND CONTROL OF THE INSERVICE INSPECTION PROGRAM. PERSONNEL ATTENDING ENFORCEMENT CONFERENCE - CAROLINA POWER AND LIGHT COMPANY: E. E. UTLEY, EXECUTIVE VICE PRESIDENT; C. R. DIETZ, GENERAL MANAGEMENT, BRUNSWICK; B. E. HINKLEY, MANAGER, TECHNICAL SUPPORT; L. W. WHEATLEY, PROJECT ENGINEER - ISI, BSEP; C. R. OSMAN, PRINCIPAL QA/QC ENGINEER AND R. HANFORD, WELDING MANGER, HARRIS PLANT.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN FOR REFUELING/MAINTENANCE.

LAST IE SITE INSPECTION DATE: MAY 1-31, 1985 +

INSPECTION REPORT NO: 50-325/85-11 +

Report Period JUN 1985

REPORTS FROM LICENSEE

* BRUNSWICK 1 *

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-019	05/15/85	06/12/85	AUTOMATIC INITIATIONS OF CONTROL BUILDING EMERGENCY AIR FILTRATION SYSTEM, DUE TO AN ACCIDENT SHORTING OF A FIRE DETECTOR.
85-021	05/01/85	06/13/85	AUTO ISOLATION OF HEATING VENTILATING A/C SYSTEM, CAUSED BY SPURIOUS ACTUATION.
85-022	05/02/85	06/21/85	PRIMARY CONTAINMENT GROUP 6 ISOLATION, FIRE WATCH OBSERVED SMOKE EMANATING FROM SBT TRAIN 1A AND REPORTED DISCOVERY TO CONTROL ROOM.
85-023	05/02/85	06/13/85	PRIMARY CONTAINMENT GROUP 8 ISOLATION, CAUSED BY SPURIOUS INTERRUPTION OF THE LOGIC CIRCUITRY.
85-025	05/10/85	06/07/85	FAILURE TO MEET ACTION ACTION STATEMENT OF T.S., FAILURE TO PERFORM REQUIRED CO2 STORAGE CYLINDER'S MINIMUM WEIGHT.
85-027	05/13/85	06/12/85	AUTOMATIC STARTING OF EDGS, THE ELECTRICIAN ACTUATED THE BREAKER POSITION MASTER LINKAGE.
85-028	05/14/85	06/13/85	DESIGN INADEQUACY OF STANDBY GAS TREATMENT SYSTEM, APPROPRIATE PLANT MODIFICATIONS WILL BE IMPLEMENTED ON BOTH UNITS.
85-029	05/15/85	06/13/85	PRIMARY CONTAINMENT GROUP 1 ISOLATION SIGNAL, AN ACCIDENTAL SHORTING OF A TEST LEAD CAUSED LOGIC CIRCUITRY FUSE TO BLOW.

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: FRANCES HARRISON (919) 457-9521

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWe): 963 X 0.9 = 867

6. Design Electrical Rating (Net MWe): 821

7. Maximum Dependable Capacity (Gross MWe): 815

8. Maximum Dependable Capacity (Net MWe): 790

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

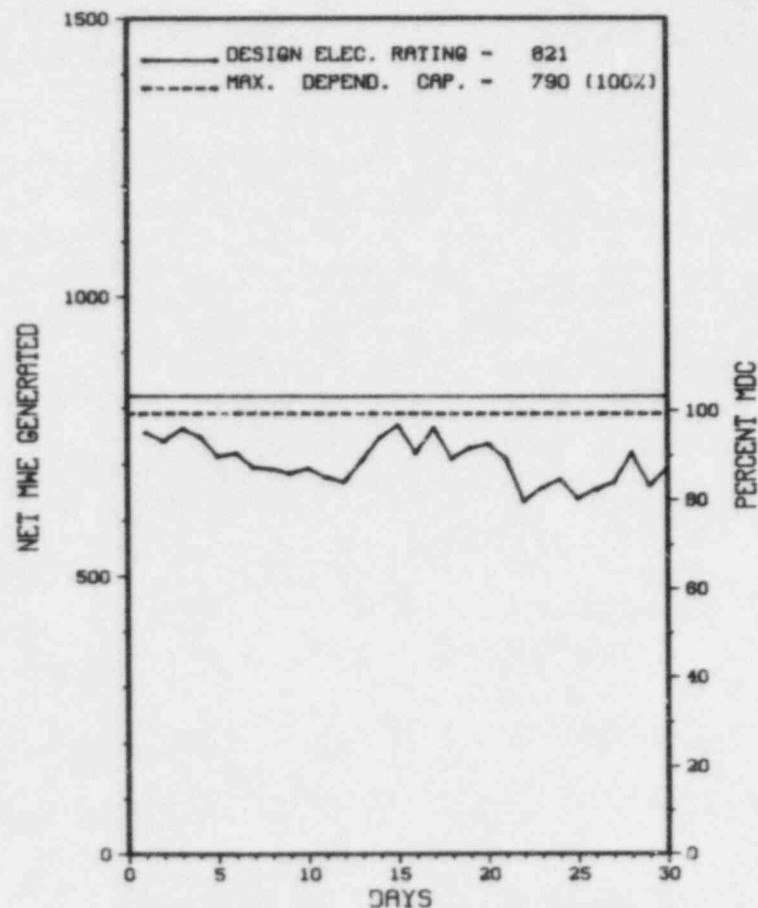
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>84,672.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,914.8</u>	<u>51,292.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,846.1</u>	<u>47,871.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,606,491</u>	<u>8,953,386</u>	<u>92,064,245</u>
18. Gross Elec Ener (MWH)	<u>524,439</u>	<u>2,978,066</u>	<u>30,579,770</u>
19. Net Elec Ener (MWH)	<u>507,630</u>	<u>2,885,199</u>	<u>29,305,473</u>
20. Unit Service Factor	<u>100.0</u>	<u>88.6</u>	<u>56.5</u>
21. Unit Avail Factor	<u>100.0</u>	<u>88.6</u>	<u>56.5</u>
22. Unit Cap Factor (MDC Net)	<u>89.2</u>	<u>84.1</u>	<u>43.8</u>
23. Unit Cap Factor (DER Net)	<u>85.9</u>	<u>80.9</u>	<u>42.2</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.2</u>	<u>17.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>211.2</u>	<u>10,359.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
REFUELING/MAINTENANCE OUTAGE - 12/01/85 - 31 WEEKS.

27. If Currently Shutdown Estimated Startup Date: N/A

 * BRUNSWICK 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 BRUNSWICK 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* BRUNSWICK 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-004	06/04/85	F	0.0	H	5			REDUCE POWER DUE TO HIGH DRYWELL TEMPERATURE.

* SUMMARY *

BRUNSWICK 2 OPERATED WITH 1 REDUCTION DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* BRUNSWICK 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NORTH CAROLINA
COUNTY.....BRUNSWICK
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...3 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 3, 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
CORPORATE ADDRESS.....411 FAYETTEVILLE STREET
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.....II
IE RESIDENT INSPECTOR.....W. RULAND
LICENSING PROJ MANAGER.....M. GROTENHUIS
DOCKET NUMBER.....50-324
LICENSE & DATE ISSUANCE...DPR-62, DECEMBER 27, 1974
PUBLIC DOCUMENT ROOM.....SOUTHPORT-BRUNSWICK COUNTY LIBRARY
108 W. MOORE STREET
SOUTHPORT, NORTH CAROLINA 28461

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 1-31 (85-11): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 107.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF MAINTENANCE OBSERVATION, SURVEILLANCE TESTING, OPERATIONAL SAFETY VERIFICATION, ESF SYSTEM WALKDOWN, ONSITE EVENT FOLLOWUP, INDEPENDENT INSPECTION, REFUELING ACTIVITIES, ONSITE REVIEW COMMITTEE, AND LER REVIEW. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 20-24 (85-14): THIS SPECIAL, ANNOUNCED INSPECTION ENTAILED 65 INSPECTOR-HOURS ONSITE CONCERNING LICENSEE RESPONSE TO GENERIC LETTER (GL) 83-28, REQUIRED ACTIONS BASED ON GENERIC IMPLICATIONS OF SALEM ANTICIPATED TRANSIENT WITHOUT SCRAM (ATWS) EVENTS. AREAS INSPECTED INCLUDED: POST-TRIP REVIEW; EQUIPMENT CLASSIFICATION; VENDOR INTERFACE AND MANUAL CONTROL; SURVEILLANCE AND POST-MAINTENANCE TESTING; AND REACTOR TRIP SYSTEM RELIABILITY. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 13-17 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 17 INSPECTOR-HOURS ONSITE IN THE AREAS OF INDEPENDENT INSPECTION EFFORT, INSERVICE INSPECTION - REVIEW OF PROCEDURE AND OBSERVATION OF WORK, OBSERVATION OF COMPLETED WELDING BY VISUAL EXAMINATION, AND REVIEW OF RADIOGRAPHIC FILM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT CONFERENCE/INSPECTION JUNE 6 (85-18): DURING INSPECTION OF THE NONDESTRUCTIVE EXAMINATION (NDE) ULTRASONIC INSEPTION (UT) ACTIVITIES IN NOVEMBER 1984, PROBLEMS WERE IDENTIFIED WHICH BROUGHT INTO QUESTION THE TECHNICAL ADEQUACY OF SOME OF THE UT EXAMINATIONS. IMMEDIATE CORRECTIVE ACTIONS WERE TAKEN AT THAT TIME, AND PLANS WERE MADE BY THE LICENSEE TO STRENGTHEN THE INSPECTION PROGRAM TO PRECLUDE RECURRENCE. DURING AN INSPECTION IN MARCH OF 1985 IT WAS DETERMINED THAT CORRECTIVE ACTIONS WERE STILL NOT COMPLETE EVEN THOUGH AN OUTAGE WAS ABOUT TO START. INSPECTION DURING APRIL AND MAY ONCE AGAIN IDENTIFIED TECHNICAL

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

CONCERNS WITH THE NDE ACTIVITIES WHICH RAISED A CONCERN ABOUT THE ADEQUACY OF THE NDE PROGRAM AND THE ABILITY OF THE LICENSEE TO PROPERLY CONTROL THIS TYPE OF ACTIVITIES. AS A RESULT OF THESE FINDINGS, THE LICENSEE WAS INVITED TO THE REGION II OFFICE ON JUNE 6, 1985, TO DISCUSS THE MANAGEMENT AND CONTROL OF THE INSERVICE INSPECTION PROGRAM. PERSONNEL ATTENDING ENFORCEMENT CONFERENCE - CAROLINA POWER AND LIGHT COMPANY: E. E. UTLEY, EXECUTIVE VICE PRESIDENT; C. R. DIETZ, GENERAL MANAGEMENT, BRUNSWICK; B. E. HINKLEY, MANAGER, TECHNICAL SUPPORT; L. W. WHEATLEY, PROJECT ENGINEER - ISI, BSEP; C. R. OSMAN, PRINCIPAL QA/QC ENGINEER AND R. HANFORD, WELDING MANGER, HARRIS PLANT.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 1-31, 1985 +

INSPECTION REPORT NO: 50-324/85-11 +

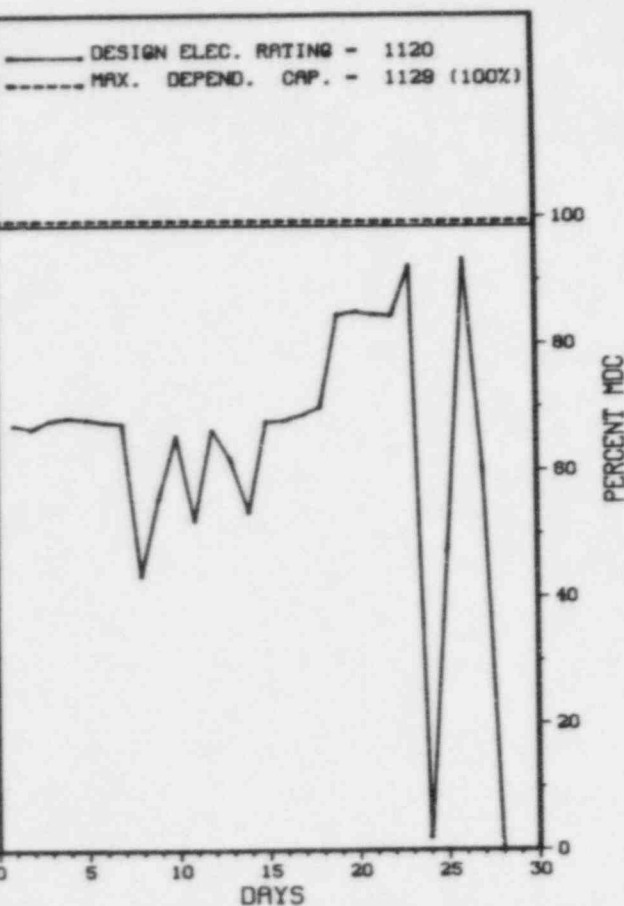
REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

 * BYRON 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BYRON 1



JUNE 1985

1. Docket: 50-454 OPERATING STATUS
 2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0
 3. Utility Contact: CRAIG BERSAK (815) 234-5441 EXT 2341
 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): 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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>2,905.5</u>	<u>2,905.5</u>
13. Hours Reactor Critical	<u>619.4</u>	<u>2,107.9</u>	<u>2,107.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>610.5</u>	<u>1,921.6</u>	<u>1,921.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,584,137</u>	<u>3,336,007</u>	<u>3,336,007</u>
18. Gross Elec Ener (MWH)	<u>520,682</u>	<u>1,029,949</u>	<u>1,029,949</u>
19. Net Elec Ener (MWH)	<u>484,763</u>	<u>903,690</u>	<u>903,690</u>
20. Unit Service Factor			
21. Unit Avail Factor		NOT IN	
22. Unit Cap Factor (MDC Net)		COMMERCIAL	
23. Unit Cap Factor (DER Net)		OPERATION	
24. Unit Forced Outage Rate			
25. Forced Outage Hours	<u>109.5</u>	<u>407.4</u>	<u>407.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: 07/07/85

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * BYRON 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
18	06/24/85	F	29.3	G	2	85-061		OPERATOR HOOKED THE FW PUMP OVERSPEED TEST LEVER WHICH TRIPPED THE PUMP WHILE THE UNIT WAS AT ABOUT 98%.
19	06/27/85	F	80.2	A	3	85-062		THE UNIT TRIPPED FROM A HIGH CONDENSER BACK PRESSURE, DUE TO THE TRIP OF 2 OUT OF 3 CIRCULATING WATER PUMPS, CAUSING A REACTOR COOLANT OVERTEMPERATURE CONDITION. THE UNIT WENT INTO A SCHEDULED 9 DAY OUTAGE FOLLOWING THIS TRIP AS PART OF THE START-UP TESTING SCHEDULE.

 * SUMMARY *

 BYRON 1 COMPLETED THE 75% AND 90% STARTUP TEST SEQUENCES AND IS IN THE 100% TEST SEQUENCE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* BYRON 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....OGLE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...17 MI SW OF
ROCKFORD, ILL
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...FEBRUARY 2, 1985
DATE ELEC ENER 1ST GENER...MARCH 1, 1985
DATE COMMERCIAL OPERATE....*****
CONDENSER COOLING METHOD...CC HNDCT
CONDENSER COOLING WATER....ROCK RIVER
ELECTRIC RELIABILITY
COUNCIL.....MID-AMERICA
INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....COMMONWEALTH EDISON
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....COMMONWEALTH EDISON
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....J. HINDS
LICENSING PROJ MANAGER.....L. OISHAN
DOCKET NUMBER.....50-454
LICENSE & DATE ISSUANCE...NPF-37, FEBRUARY 14, 1985
PUBLIC DOCUMENT ROOM.....LIBRARIAN
BUSINESS SCIENCE & TECHNOLOGY DEPT.
ROCKFORD PUBLIC LIBRARY
215 NORTH WYMAN STREET
ROCKFORD, ILLINOIS 61101

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON JANUARY 1 THROUGH MARCH 26, APRIL 6, 9, 10 AND 12, APRIL 29, (85002; 85001): ROUTINE, UNANNOUNCED SAFETY INSPECTION BY RESIDENT AND REGIONAL INSPECTORS OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS; SER ITEMS; PART 21 REPORTS; STARTUP TEST WITNESSING; ELECTRICAL DISTRIBUTION VOLTAGE VERIFICATION; COMPARISON OF AS-BUILTS WITH TECHNICAL SPECIFICATIONS AND FSAR/SER; NONROUTINE EVENTS; INITIAL CRITICALITY WITNESSING; LERS; OPERATIONAL SAFETY VERIFICATION; DIESEL GENERATOR SURVEILLANCE TESTING; REGIONAL ADMINISTRATOR'S TOUR; PLANT TOURS/HOUSEKEEPING; MEETINGS BETWEEN NRC AND LICENSEE MANAGEMENT PERSONNEL WERE HELD ON JANUARY 2, 16 AND 30 AND FEBRUARY 14 AND 27, 1985, TO DISCUSS UNIT 1 FACILITY STATUS AND LICENSEE CORRECTIVE ACTIONS FOR NONROUTINE EVENTS; BDPS ACTUATION REPORTABILITY AND OTHER ACTIVITIES. AN ENFORCEMENT CONFERENCE WAS CONDUCTED ON APRIL 29, 1985, RELATED TO THOSE ISSUES ADDRESSED. CRITICALITY ON UNIT 1 WAS ACHIEVED AT 2323 HOURS ON FEBRUARY 2, 1985, AND FULL POWER OPERATING LICENSE NPF-37 WAS ISSUED FOR UNIT 1 ON FEBRUARY 14, 1985, AUTHORIZING POWER LEVELS UP TO 100 PERCENT OF FULL POWER. THE INSPECTION CONSISTED OF 684 INSPECTOR-HOURS ONSITE BY 12 NRC INSPECTORS INCLUDING 266 INSPECTOR-HOURS DURING OFF-SHIFTS. IN THE AREAS INSPECTED, FOUR ITEMS OF NONCOMPLIANCE WERE IDENTIFIED (FAILURE TO VERIFY THE ACCEPTABILITY OF ELECTRICAL DISTRIBUTION SYSTEM BUS VOLTAGES; FAILURE TO FOLLOW ECCS OPERATING PROCEDURES; FAILURE TO PERFORM A 50.59 EVALUATION AND SUBMIT TO THE NRC FOR REVIEW AND APPROVAL AND ASSOCIATED VIOLATION OF GDC 2; FAILURE TO MAINTAIN OPERABILITY OF OVERTEMPERATURE AND OVERPOWER DELTA T CHANNELS).

INSPECTION ON MAY 15, 17, 20-22, (85015): UNANNOUNCED, ROUTINE SAFETY INSPECTION OF CONTAINMENT PENETRATIONS, REACTOR COOLANT PRESSURE BOUNDARY PIPING, SAFETY-RELATED PIPING, AND PRESERVICE INSPECTION ACTIVITIES. THE INSPECTION INVOLVED A TOTAL OF 34
PAGE 2-046

INSPECTION STATUS - (CONTINUED)

PAGE 2-047

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

LAST IE SITE INSPECTION DATE: JULY 9 - 19, 1985

INSPECTION REPORT NO: 85033

REPORTS FROM LICENSEE

PAGE 2-048

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: ROB GOODENOW (314) 676-8460

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1236

6. Design Electrical Rating (Net MWe): 1171

7. Maximum Dependable Capacity (Gross MWe): 1174

8. Maximum Dependable Capacity (Net MWe): 1120

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

 * CALLAWAY 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CALLAWAY 1

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

11. Reasons for Restrictions, If Any: _____

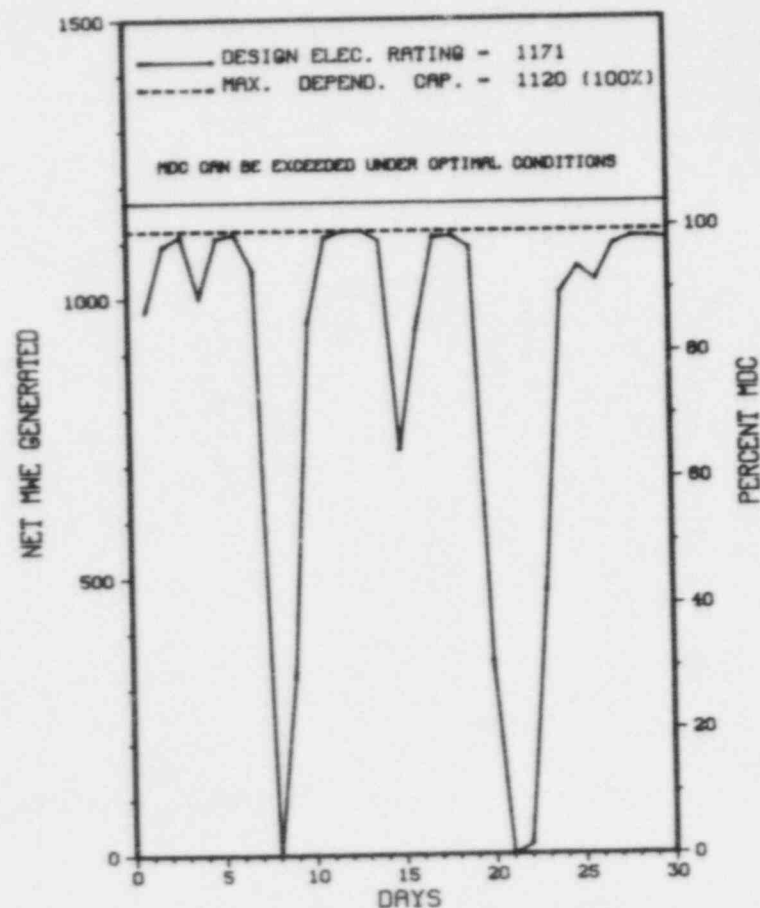
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>4,645.5</u>
13. Hours Reactor Critical	<u>659.9</u>	<u>3,901.0</u>	<u>4,203.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>645.4</u>	<u>3,814.1</u>	<u>4,116.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,990,891</u>	<u>11,735,562</u>	<u>12,737,087</u>
18. Gross Elec Ener (MWH)	<u>671,559</u>	<u>3,973,273</u>	<u>4,312,453</u>
19. Net Elec Ener (MWH)	<u>636,424</u>	<u>3,766,759</u>	<u>4,089,782</u>
20. Unit Service Factor	<u>89.6</u>	<u>87.8</u>	<u>88.6</u>
21. Unit Avail Factor	<u>89.6</u>	<u>87.8</u>	<u>88.6</u>
22. Unit Cap Factor (MDC Net)	<u>78.9</u>	<u>77.4</u>	<u>78.6</u>
23. Unit Cap Factor (DER Net)	<u>75.5</u>	<u>74.1</u>	<u>75.2</u>
24. Unit Forced Outage Rate	<u>10.4</u>	<u>5.7</u>	<u>5.3</u>
25. Forced Outage Hours	<u>74.6</u>	<u>232.6</u>	<u>232.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* CALLAWAY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
10	06/07/85	F	20.4	A	3			REACTOR TRIP FROM 100% POWER DUE TO HIGH NEGATIVE FLUX RATE. LER 85-026-00
11	06/15/85	S	0.0	B	5			LOAD REDUCED FOR SECONDARY PLANT EQUIPMENT MAINTENANCE.
12	06/20/85	F	54.2	G	1			REACTOR TRIP FROM 100% POWER DUE TO LO-LO STEAM GENERATOR LEVEL. LER 85-031-00

* SUMMARY *

CALLAWAY OPERATED WITH 2 OUTAGES AND 1 REDUCTION DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* CALLAWAY 1 *

FACILITY DATA

Report Period JUN 1985

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 2, 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
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.....III
IE RESIDENT INSPECTOR.....B. LITTLE
LICENSING PROJ MANAGER.....T. ALEXION
DOCKET NUMBER.....50-483
LICENSE & DATE ISSUANCE... NPF-30, OCTOBER 18, 1984
PUBLIC DOCUMENT ROOM.....FULTON CITY LIBRARY
709 MARKET STREET
FULTON, MO 65251

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON JUNE 4-6 (85011): ROUTINE, ANNOUNCED INSPECTION OF THE CALLAWAY NUCLEAR POWER PLANT EMERGENCY PREPAREDNESS EXERCISE INVOLVING OBSERVATIONS BY SEVEN NRC REPRESENTATIVES OF KEY FUNCTIONS AND LOCATIONS DURING THE EXERCISE. THE INSPECTION INVOLVED 143 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS AND FIVE CONSULTANTS. NO ITEMS OF NONCOMPLIANCE, DEFICIENCIES, OR DEVIATIONS WERE IDENTIFIED; HOWEVER, WEAKNESSES WERE IDENTIFIED AS SUMMARIZED IN THE APPENDIX.

INSPECTION ON MAY 20-23 AND JUNE 3-7 (85013): ROUTINE, UNANNOUNCED INSPECTION OF PREVIOUS INSPECTION FINDINGS; QA/QC ADMINISTRATION; AUDIT PROGRAM AND IMPLEMENTATION; AND CALIBRATION AND SURVEILLANCE TESTING. THE INSPECTION INVOLVED 101 INSPECTOR-HOURS ONSITE AND 4 INSPECTOR HOURS OFFSITE BY 2 NRC INSPECTORS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 20-23 AND JUNE 7 (85015): ROUTINE ANNOUNCED INSPECTION BY ONE REGIONAL INSPECTOR REGARDING THE IMPLEMENTATION OF GENERIC LETTER (GL) 83-28 IN THE AREAS OF EQUIPMENT CLASSIFICATION; VENDOR INTERFACE; POST MAINTENANCE TESTING; AND REACTOR TRIP SYSTEM RELIABILITY. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* CALLAWAY 1 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 16 - 19, 1985

INSPECTION REPORT NO: 85017

REPORTS FROM LICENSEE

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-24	05/06/85	05/31/85	INADVERTENT ENGINEERED SAFETY FEATURES ACTUATION
85-25	05/06/85	06/03/85	INTERMEDIATE RANGE HI FLUX REACTOR TRIP
85-27	05/30/85	06/28/85	TECHNICAL SPECIFICATION VIOLATION
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: EVELYN BEWLEY (301) 787-5365

4. Licensed Thermal Power (MWh): 2700

5. Nameplate Rating (Gross MWe): 1020 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

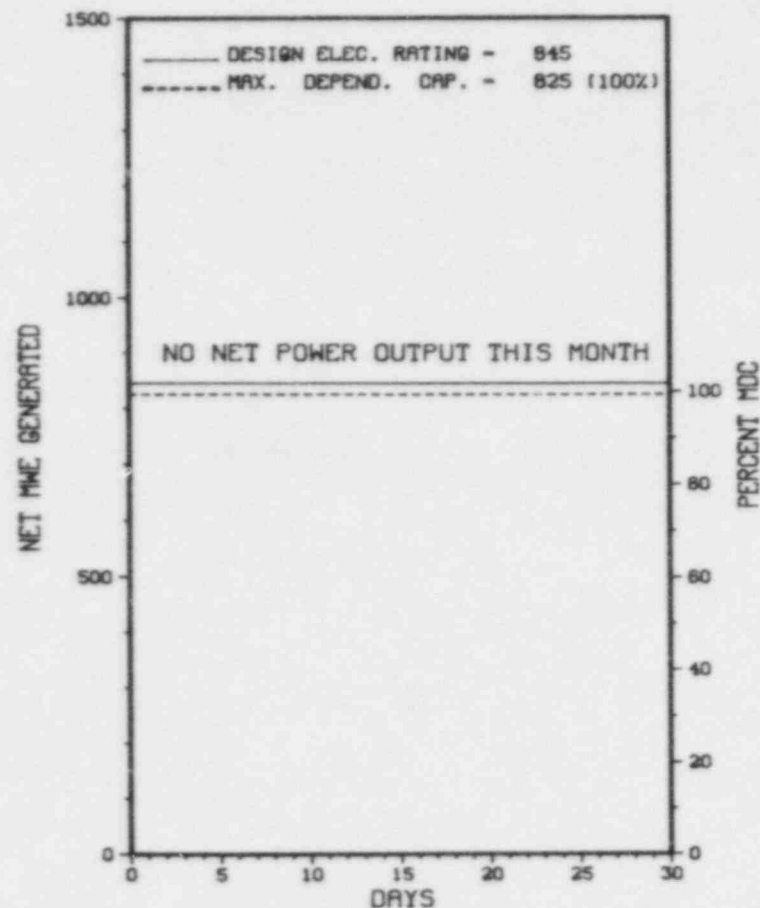
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>88,956.0</u>
13. Hours Reactor Critical	<u>86.3</u>	<u>2,282.6</u>	<u>69,780.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>14.3</u>	<u>1,999.2</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>2,184.2</u>	<u>68,355.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>5,792,566</u>	<u>169,575,303</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,968,684</u>	<u>56,012,064</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>1,882,872</u>	<u>53,439,439</u>
20. Unit Service Factor	<u>.0</u>	<u>50.3</u>	<u>76.8</u>
21. Unit Avail Factor	<u>.0</u>	<u>50.3</u>	<u>76.8</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>52.6</u>	<u>73.4*</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>51.3</u>	<u>71.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>4.2</u>	<u>8.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>94.8</u>	<u>6,075.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 07/28/85

* CALVERT CLIFFS 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
CALVERT CLIFFS 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * CALVERT CLIFFS 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-03	04/05/85	S	720.0	C	4		RC	FUELXX	CONTINUING 7TH SCHEDULED REFUELING OUTAGE DUE TO INSULATION FAILURE ON THE MAIN GENERATOR STATOR. THE DAMAGED STATOR BARS WERE REMOVED AND REPAIRED. THE STATOR BARS ARE CURRENTLY BEING INSTALLED.

 * SUMMARY *

CALVERT CLIFFS 1 REMAINS SHUTDOWN FOR REFUELING AND MAINTENANCE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* CALVERT CLIFFS 1 *

FACILITY DATA

Report Period JUN 1985

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 7, 1974
DATE ELEC ENER 1ST GENER...JANUARY 3, 1975
DATE COMMERCIAL OPERATE....MAY 8, 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
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.....I
IE RESIDENT INSPECTOR.....T. FOLEY
LICENSING PROJ MANAGER.....D. JAFFE
DOCKET NUMBER.....50-317
LICENSE & DATE ISSUANCE....DPR-53, JULY 31, 1974
PUBLIC DOCUMENT ROOM.....CALVERT COUNTY LIBRARY
FOURTH STREET
PRINCE FREDERICK, MARYLAND 20678

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* CALVERT CLIFFS 1 *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
--------	------------------	-------------------	---------

NO INPUT PROVIDED.

=====

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: EVELYN BEHLEY (310) 787-5365

4. Licensed Thermal Power (MWh): 2700

5. Nameplate Rating (Gross MWe): 1012 X 0.9 = 911

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: NONE

* CALVERT CLIFFS 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
CALVERT CLIFFS 2

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

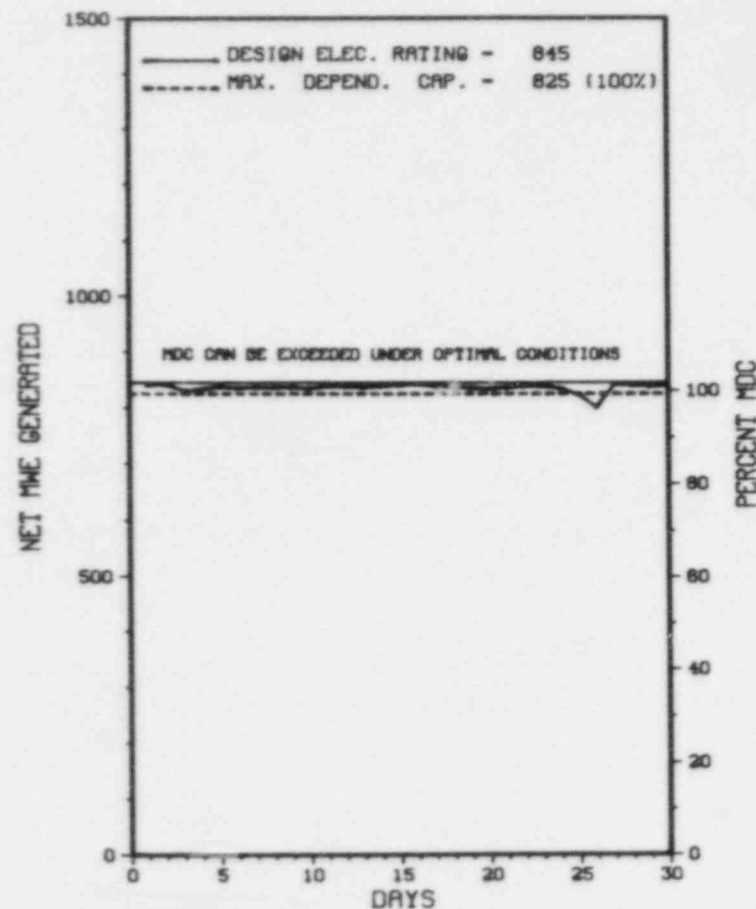
11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>72,311.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,974.1</u>	<u>60,532.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>968.3</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,958.6</u>	<u>59,577.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,928,335</u>	<u>10,500,618</u>	<u>149,221,554</u>
18. Gross Elec Ener (MWH)	<u>628,264</u>	<u>3,491,185</u>	<u>49,149,388</u>
19. Net Elec Ener (MWH)	<u>601,501</u>	<u>3,339,544</u>	<u>46,881,752</u>
20. Unit Service Factor	<u>100.0</u>	<u>91.1</u>	<u>82.4</u>
21. Unit Avail Factor	<u>100.0</u>	<u>91.1</u>	<u>82.4</u>
22. Unit Cap Factor (MDC Net)	<u>101.3</u>	<u>93.2</u>	<u>78.9*</u>
23. Unit Cap Factor (DER Net)	<u>98.9</u>	<u>91.0</u>	<u>76.7</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>8.9</u>	<u>6.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>384.4</u>	<u>3,981.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

SIXTH SCHEDULED REFUELING, 10/19/85 TO 12/22/85.

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* CALVERT CLIFFS 2 *

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

NONE

* SUMMARY *

CALVERT CLIFFS 2 OPERATED AT OR NEAR FULL POWER IN JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* CALVERT CLIFFS 2 *

FACILITY DATA

Report Period JUN 1985

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 7, 1976
DATE COMMERCIAL OPERATE....APRIL 1, 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
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.....I
IE RESIDENT INSPECTOR.....T. FOLEY
LICENSING PROJ MANAGER.....D. JAFFE
DOCKET NUMBER.....50-318
LICENSE & DATE ISSUANCE....DPR-69, NOVEMBER 30, 1976
PUBLIC DOCUMENT ROOM.....CALVERT COUNTY LIBRARY
FOURTH STREET
PRINCE FREDERICK, MARYLAND 20678

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* CALVERT CLIFFS 2 *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NO INPUT PROVIDED.			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 48.0

3. Utility Contact: J. A. REAVIS (704) 373-7567

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1205

6. Design Electrical Rating (Net MWe): 1145

7. Maximum Dependable Capacity (Gross MWe): 1145

8. Maximum Dependable Capacity (Net MWe): 1145

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>48.0</u>	<u>48.0</u>	<u>48.0</u>
13. Hours Reactor Critical	<u>48.0</u>	<u>48.0</u>	<u>48.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>48.0</u>	<u>48.0</u>	<u>48.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MMH)	<u>162,449</u>	<u>162,449</u>	<u>162,449</u>
18. Gross Elec Ener (MMH)	<u>56,284</u>	<u>56,284</u>	<u>56,284</u>
19. Net Elec Ener (MMH)	<u>53,221</u>	<u>53,221</u>	<u>53,221</u>
20. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
21. Unit Avail Factor	<u>100.0</u>	<u>100.0</u>	<u>100.0</u>
22. Unit Cap Factor (MDC Net)	<u>96.8</u>	<u>96.8</u>	<u>96.8</u>
23. Unit Cap Factor (DER Net)	<u>96.8</u>	<u>96.8</u>	<u>96.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

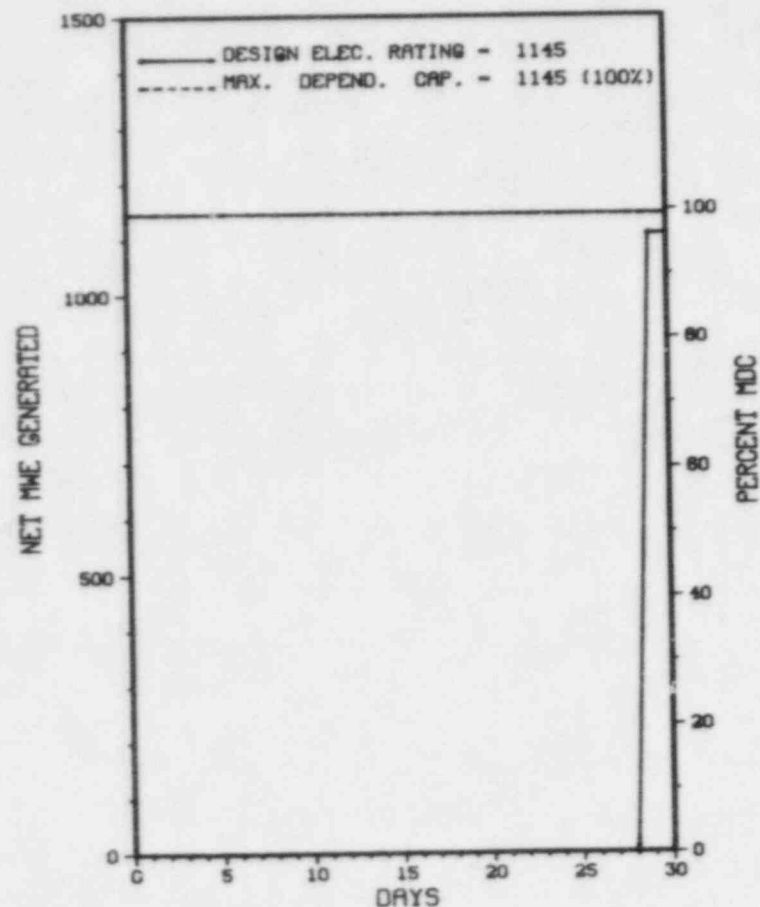
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

 * CATAWBA 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CATAWBA 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* CATAWBA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

CATAWBA 1 DECLARED COMMERCIAL OPERATION ON JUNE 29, 1985.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* CATAWBA 1 *

FACILITY DATA

Report Period JUN 1985

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 8, 1985

DATE ELEC ENER 1ST GENER... JANUARY 22, 1985

DATE COMMERCIAL OPERATE... JUNE 29, 1985

CONDENSER COOLING METHOD...HNDCT

CONDENSER COOLING WATER...LAKE WYLIE

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

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....DUKE POWER

CORPORATE ADDRESS.....POWER BLDG., BOX 2178
CHARLOTTE, NORTH CAROLINA 28201

CONTRACTOR
ARCHITECT/ENGINEER.....DUKE POWER

NUC STEAM SYS SUPPLIER...WESTINGHOUSE

CONSTRUCTOR.....DUKE POWER

TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II

IE RESIDENT INSPECTOR.....P. SKINNER

LICENSING PROJ MANAGER.....K. JABBOUR
DOCKET NUMBER.....50-413

LICENSE & DATE ISSUANCE... NPF-35, JANUARY 17, 1985

PUBLIC DOCUMENT ROOM.....YORK COUNTY LIBRARY
138 E. BLACK STREET
ROCK HILL, SOUTH CAROLINA 29730

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 13-17 (85-19): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 68 INSPECTOR-HOURS ONSITE IN THE AREAS OF PROCUREMENT; RECEIPT, STORAGE, AND HANDLING OF EQUIPMENT AND MATERIAL; SURVEILLANCE TESTING AND CALIBRATION CONTROL; AND MEASURING AND TEST EQUIPMENT (M&TE) PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-21): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 7 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (85-22): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 96 INSPECTOR-HOURS ONSITE IN THE AREAS OF QA PROGRAM REVIEW, QA/QC ADMINISTRATION, AUDITS, RECORDS AND DOCUMENT CONTROL. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 20-24 (85-23): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13 INSPECTOR-HOURS ONSITE IN THE AREAS OF PREOPERATIONAL TEST PROCEDURE REVIEW, PREOPERATIONAL TEST WITNESSING, AND REVIEW OF A SAFETY EVALUATION REPORT (SER) OPEN ITEM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 2-6 (85-24): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 31 INSPECTOR-HOURS ONSITE (TWO HOURS ON BACKSHIFT) INSPECTING: TESTING AND MAINTENANCE; LOCKS, KEYS, AND COMBINATIONS; PHYSICAL BARRIERS - VITAL AREAS; LIGHTING; ASSESSMENT AIDS; ACCESS CONTROL - VEHICLES/PACKAGES; DETECTION AIDS - PROTECTED/VITAL AREAS; ALARM STATIONS; COMMUNICATIONS; AND SAFEGUARDS

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

INSPECTION MAY 28-31 (85-25): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 29 INSPECTOR-HOURS ONSITE DURING REGULAR HOURS INSPECTING THE RADIATION PROTECTION PROGRAM IN THE AREAS OF INSTRUMENTS AND EQUIPMENT USED FOR RADIATION PROTECTION OF PERSONNEL, POSTING, LABELING AND CONTROL OF RADIOLOGICAL CONTROL OF AREAS, RADIATION WORK PERMIT CONTROLS, SHIPMENT OF RADIOACTIVE MATERIALS, INTERNAL AND EXTERNAL EXPOSURE CONTROLS, LICENSEE'S PROGRAM FOR MAINTAINING EXPOSURES AS LOW AS REASONABLY ACHIEVEABLE (ALARA), AND PREVIOUSLY IDENTIFIED INSPECTOR FOLLOWUP ITEMS.

NONE

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NONE.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1985 +

INSPECTION REPORT NO: 50-413/85-25 +

Report Period JUN 1985

REPORTS FROM LICENSEE

* CATANBA 1 *

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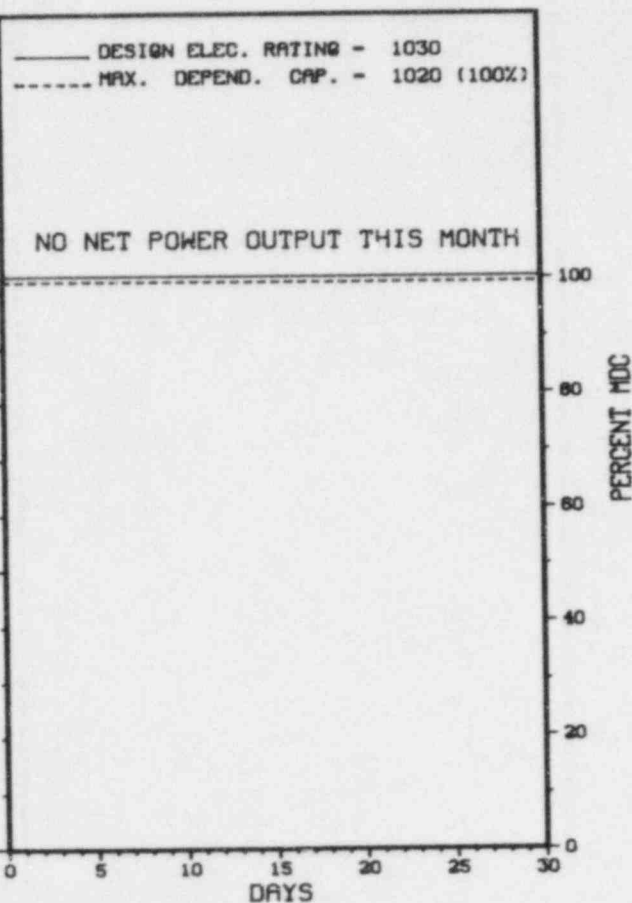
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-001	01/04/85	02/01/85	AUTO START OF MOTOR DRIVEN AUX FEEDWATER, DUE TO PERSONNEL ERROR.
85-022	03/14/85	04/12/85	D/G 1B INOPERABLE, 2 CIRCUIT BREAKERS FOR D/G 1B CONTROLS WERE FOUND OPEN.
85-025	04/15/85	06/17/85	REACTOR TRIP DUE TO S/G LOW-LOW LEVEL, STEAM FLOW TRANSMITTERS WERE NOT CALIBRATED AS REQUIRED.
85-026	04/22/85	05/22/85	NUCLEAR SERVICE WATER SWAPOVER TO STANDBY POND, CLASSIFIED AS A COMPONENT MALFUNCTION.
85-027	04/22/85	05/22/85	AUTO-START OF D/G 1B, CLASSIFIED AS A DESIGN DEFICIENCY.
85-028	04/22/85	05/22/85	BOTH TRAINS OF RESIDUAL HEAT REMOVAL INOPERABLE, DUE TO PERSONNEL ERROR.
85-029	04/23/85	05/23/85	INSTALLATION CLEARANCES BETWEEN BATTERIES, THE END CLEARANCE EXCEEDED 1/4 INC IN SEVERAL AREAS.
85-030	05/09/85	06/07/85	NUCLEAR SERVICE WATER ESF ACTUATION, A TECHNICIAN ACCIDENTALLY CAUSED THE TRIP OF THE TIE BREAKER.
85-031	05/11/85	06/11/85	SPURIOUS SWAPS OF NUCLEAR SERVICE WATER FROM LAKE TO STANDBY POND, CAUSE UNKNOWN.
85-032	05/12/85	06/12/85	SWAP OF NUCLEAR SERVICE WATER TO STANDBY POND DUE TO PERSONNEL ERROR, THE FALSE LO-LO LEVEL WAS CAUSED BY A LOSS OF VOLT AGE ON ONE OF THE RN SWAPOVER CIRCUITS.
85-033	05/14/85	06/13/85	REVERSED OPERATION OF S/G LEVEL CIRCUITRY CAUSES ESF ACTUATION, DUE TO PERSONNEL ERROR.
85-034	05/15/85	06/14/85	D/GS START DUE TO A DISTRIBUTION SYSTEM DISTURBANCE, DURING A LIGHTING STORM A BREAKER FAILED.

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 * COOK 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 COOK 1



JUNE 1985

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: W. T. GILLET (616) 465-5901

4. Licensed Thermal Power (MWe): 3250

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 1152

6. Design Electrical Rating (Net MWe): 1030

7. Maximum Dependable Capacity (Gross MWe): 1056

8. Maximum Dependable Capacity (Net MWe): 1020

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>92,015.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>1,868.0</u>	<u>67,572.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>463.0</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,856.2</u>	<u>66,217.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>321.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>5,418,521</u>	<u>193,587,995</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,761,840</u>	<u>63,533,730</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>1,694,853</u>	<u>61,125,948</u>
20. Unit Service Factor	<u>.0</u>	<u>42.7</u>	<u>73.6</u>
21. Unit Avail Factor	<u>.0</u>	<u>42.7</u>	<u>73.6</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>38.3</u>	<u>66.5</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>37.9</u>	<u>64.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>7.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>4,499.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 08/07/85

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * COOK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
246	04/06/85	S	720.0	C	4		ZZ	ZZZZZZ	THE UNIT WAS REMOVED FROM SERVICE ON 850406 FOR THE SCHEDULED TEN-YEAR ISI AND CYCLE VIII - IX REFUELING OUTAGE. THE CORE IS UNLOADED AND THE INSPECTION OF THE REACTOR VESSEL AND LOWER CORE INTERNALS IS COMPLETE WITH NO REPORTABLE INDICATIONS FOUND.

 * SUMMARY *

 COOK 1 REMAINS SHUTDOWN FOR REFUELING AND MAINTENANCE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* COOK 1 *

FACILITY DATA

Report Period JUN 1985

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
CORPORATE ADDRESS.....1 RIVERSIDE PLAZA
COLUMBUS, OHIO 43216
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.....III
IE RESIDENT INSPECTOR.....B. JURGENSEN
LICENSING PROJ MANAGER....D. WIGGINTON
DOCKET NUMBER.....50-315
LICENSE & DATE ISSUANCE...DPR-58, OCTOBER 25, 1974
PUBLIC DOCUMENT ROOM.....MAUDE PRESTON PALENSKE MEMORIAL LIBRARY
500 MARKET STREET
ST. JOSEPH, MICHIGAN 49085

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 23 THROUGH MAY 20 (85014): ROUTINE UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; AND INDEPENDENT INSPECTION AREAS. THE INSPECTION INVOLVED A TOTAL OF 259 INSPECTOR-HOURS BY THREE NRC INSPECTORS INCLUDING 36 INSPECTOR-HOURS OFF-SHIFT. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN THREE AREAS; THREE VIOLATIONS WERE IDENTIFIED IN THE REMAINING TWO AREAS (IMPROPER STORAGE OF FLAMMABLE LIQUIDS, AND FAILURE TO DOCUMENT REACTOR COOLANT FLOW DURING REACTOR COOLANT BORON REDUCTION, FAILURE TO FOLLOW BATTERY SURVEILLANCE PROCEDURE).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

INSPECTION STATUS - (CONTINUED)

PAGE 2-071

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: W. T. GILLET (616) 465-5901

4. Licensed Thermal Power (MWh): 3411

5. Nameplate Rating (Gross MWe): 1333 X 0.85 = 1133

6. Design Electrical Rating (Net MWe): 1100

7. Maximum Dependable Capacity (Gross MWe): 1100

8. Maximum Dependable Capacity (Net MWe): 1060

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>65,711.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,052.0</u>	<u>47,132.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,033.5</u>	<u>46,032.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,451,623</u>	<u>13,527,667</u>	<u>149,009,574</u>
18. Gross Elec Ener (MWH)	<u>782,840</u>	<u>4,439,930</u>	<u>48,225,180</u>
19. Net Elec Ener (MWH)	<u>755,579</u>	<u>4,287,769</u>	<u>46,505,485</u>
20. Unit Service Factor	<u>100.0</u>	<u>92.9</u>	<u>72.9</u>
21. Unit Avail Factor	<u>100.0</u>	<u>92.9</u>	<u>72.9</u>
22. Unit Cap Factor (MDC Net)	<u>99.0</u>	<u>93.1</u>	<u>69.5</u>
23. Unit Cap Factor (DER Net)	<u>95.4</u>	<u>89.8</u>	<u>68.0</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>7.1</u>	<u>12.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>309.5</u>	<u>6,370.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

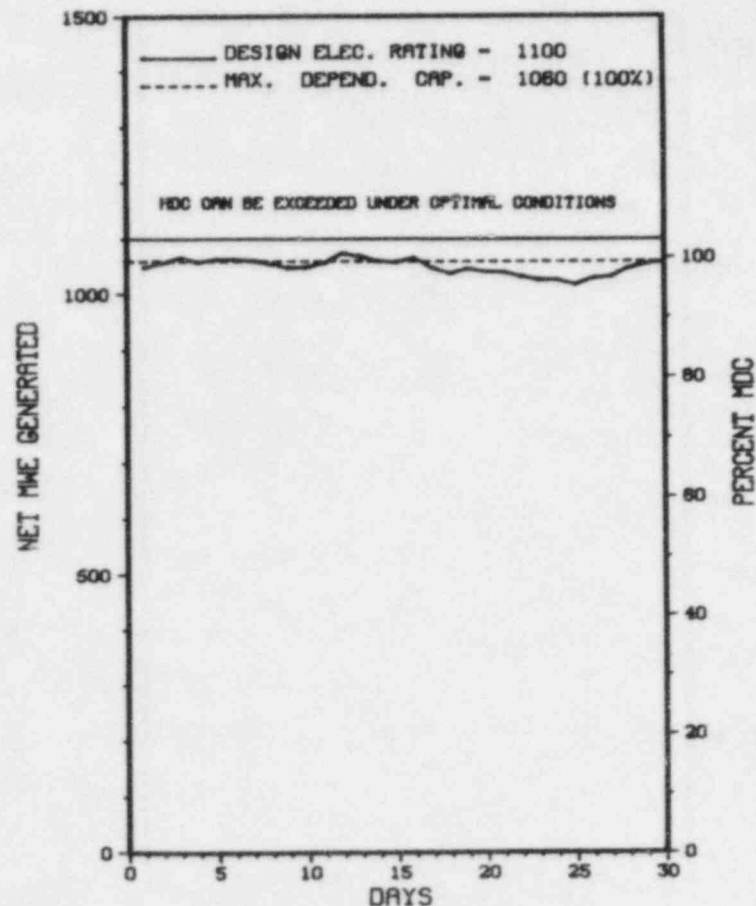
REFUELING OUTAGE: OCTOBER, 1985 - 3 MONTHS.

27. If Currently Shutdown Estimated Startup Date: N/A

X COOK 2 X

AVERAGE DAILY POWER LEVEL (MWe) PLOT

COOK 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* COOK 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

COOK 2 OPERATED AT OR NEAR FULL POWER IN JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* COOK 2 *

FACILITY DATA

Report Period JUN 1985

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 1, 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
CORPORATE ADDRESS.....1 RIVERSIDE PLAZA
COLUMBUS, OHIO 43216
CONTRACTOR
ARCHITECT/ENGINEER.....AMERICAN ELEC. POWER SERVICE CORP.
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....J. A. JONES CONSTRUCTION
TURBINE SUPPLIER.....BROWN BOVERI

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....B. JURGENSEN
LICENSING PROJ MANAGER.....D. WIGGINTON
DOCKET NUMBER.....50-316
LICENSE & DATE ISSUANCE...DPR-74, DECEMBER 23, 1977
PUBLIC DOCUMENT ROOM.....MAUDE PRESTON PALENSKE MEMORIAL LIBRARY
500 MARKET STREET
ST. JOSEPH, MICHIGAN 49085

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

INSPECTION ON APRIL 23 THROUGH MAY 20 (85014): ROUTINE UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; AND INDEPENDENT INSPECTION AREAS. THE INSPECTION INVOLVED A TOTAL OF 259 INSPECTOR-HOURS BY THREE NRC INSPECTORS INCLUDING 36 INSPECTOR-HOURS OFF-SHIFT. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN THREE AREAS; THREE VIOLATIONS WERE IDENTIFIED IN THE REMAINING TWO AREAS (IMPROPER STORAGE OF FLAMMABLE LIQUIDS, AND FAILURE TO DOCUMENT REACTOR COOLANT FLOW DURING REACTOR COOLANT BORON REDUCTION, FAILURE TO FOLLOW BATTERY SURVEILLANCE PROCEDURE).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

INSPECTION STATUS - (CONTINUED)

PAGE 2-075

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. K. SALISBURY (402) 825-3811

4. Licensed Thermal Power (MWh): 2381

5. Nameplate Rating (Gross MWe): 983 X 0.85 = 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: NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

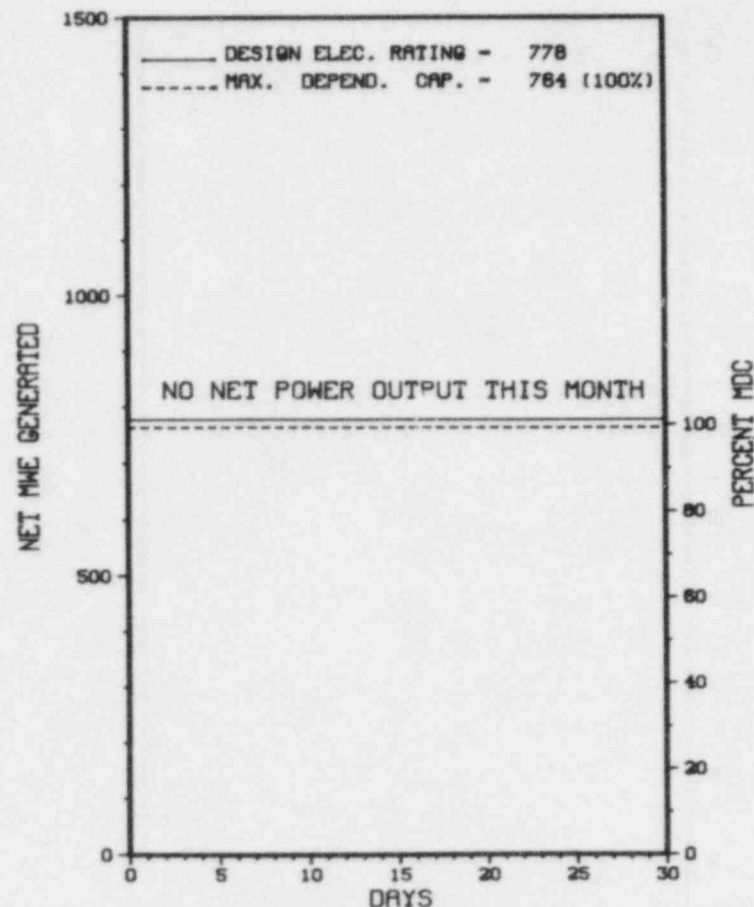
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>96,432.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>.0</u>	<u>72,955.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>.0</u>	<u>71,820.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>0</u>	<u>141,440,011</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>45,024,496</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>43,386,612</u>
20. Unit Service Factor	<u>.0</u>	<u>.0</u>	<u>74.5</u>
21. Unit Avail Factor	<u>.0</u>	<u>.0</u>	<u>74.5</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>.0</u>	<u>58.9</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>.0</u>	<u>57.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>3.7</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>2,090.7</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
REFUELING & MAINTENANCE: SEPTEMBER 16, 1985 - 11 MONTHS.

27. If Currently Shutdown Estimated Startup Date: 08/06/85

 * COOPER STATION *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 COOPER STATION



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* COOPER STATION *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-7	09/16/84	S	720.0	C	4		RC	FUELXX	REFUELING AND MAINTENANCE CONTINUE.

* SUMMARY *

COOPER STATION REMAINS SHUTDOWN FOR REFUELING AND MAINTENANCE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* COOPER STATION *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEBRASKA

COUNTY.....NEMAHA

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

TYPE OF REACTOR.....BWR

DATE INITIAL CRITICALITY...FEBRUARY 21, 1974

DATE ELEC ENER 1ST GENER...MAY 10, 1974

DATE COMMERCIAL OPERATE...JULY 1, 1974

CONDENSER COOLING METHOD...ONCE THRU

CONDENSER COOLING WATER...MISSOURI RIVER

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

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.....IV

IE RESIDENT INSPECTOR.....D. DUBOIS

LICENSING PROJ MANAGER.....E. SYLVESTER
DOCKET NUMBER.....50-298

LICENSE & DATE ISSUANCE...DPR-46, JANUARY 18, 1974

PUBLIC DOCUMENT ROOM.....AUBURN PUBLIC LIBRARY
1118 15TH STREET
AUBURN, NEBRASKA 68305

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION CONDUCTED MARCH 11-15, 1985 (85-10)

ROUTINE, UNANNOUNCED INSPECTION OF THE PHYSICAL SECURITY PLAN (PSP) AND IMPLEMENTING PROCEDURES, SECURITY ORGANIZATION, MANAGEMENT EFFECTIVENESS, TESTING AND MAINTENANCE, PHYSICAL BARRIERS - PROTECTED AND VITAL AREAS, AUDITS, COMPENSATORY MEASURES, ASSESSMENT AIDS, COMMUNICATIONS, ACCESS CONTROL - PERSONNEL AND PACKAGES, SECURITY SYSTEM POWER SUPPLY, RECORDS AND REPORTS, LIGHTING, GUARD TRAINING AND QUALIFICATIONS, DETECTION AIDS - PROTECTED AND VITAL AREAS, AND ALARM STATIONS. TWO VIOLATIONS WERE IDENTIFIED (INADEQUATE SECURITY SYSTEM MAINTENANCE, AND INABILITY TO DEMONSTRATE WEAPONS QUALIFICATION.)

INSPECTION CONDUCTED APRIL 1-5, 1985 (85-14)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RADIATION PROTECTION PROGRAM INCLUDING: INTERNAL EXPOSURE CONTROL; EXTERNAL EXPOSURE CONTROL; FACILITIES AND EQUIPMENT; CONTROL OF RADIOACTIVE MATERIALS AND CONTAMINATION; AND SURVEYS AND MONITORING. AN ALLEGATION REGARDING PERSONAL DOSIMETRY RECORDS WAS ALSO REVIEWED. ONE VIOLATION WAS IDENTIFIED (FAILURE TO FOLLOW PROCEDURE.)

INSPECTION CONDUCTED APRIL 1-30, 1985 (85-15)

ROUTINE, UNANNOUNCED INSPECTION OF OPERATIONAL SAFETY VERIFICATION, MONTHLY SURVEILLANCE AND MAINTENANCE OBSERVATIONS, AND LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS. FOUR VIOLATIONS WERE IDENTIFIED (FAILURE TO PERFORM A SAFETY QUESTION

INSPECTION STATUS - (CONTINUED)

PAGE 2-079

Report Period JUN 1985

REPORTS FROM LICENSEE

* COOPER STATION *

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NONE			
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1. Docket: 50-302 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: D. GRAHAM (904) 795-3802

4. Licensed Thermal Power (Mwt): 2544

5. Nameplate Rating (Gross MWe): 989 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>72,767.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>1,608.3</u>	<u>47,524.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,275.5</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,606.5</u>	<u>46,524.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>2,924,173</u>	<u>104,586,058</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,014,639</u>	<u>35,741,438</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>954,730</u>	<u>33,950,741</u>
20. Unit Service Factor	<u>.0</u>	<u>37.0</u>	<u>63.9</u>
21. Unit Avail Factor	<u>.0</u>	<u>37.0</u>	<u>63.9</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>26.8</u>	<u>56.8</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>26.6</u>	<u>56.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>20.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>11,689.2</u>

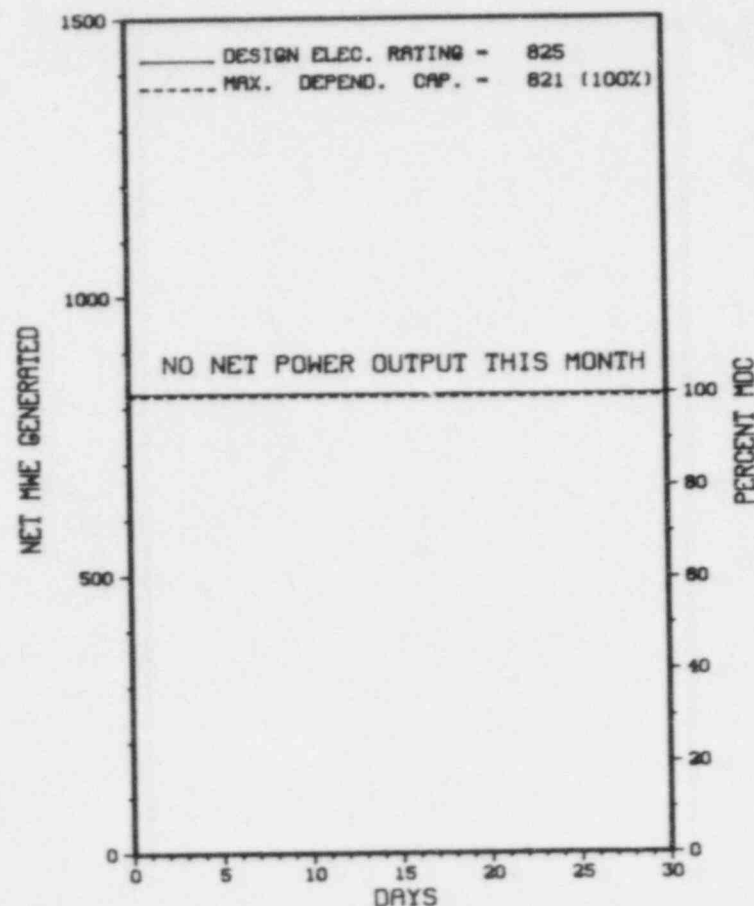
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 07/27/85

* CRYSTAL RIVER 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CRYSTAL RIVER 3



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* CRYSTAL RIVER 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-07	03/08/85	S	720.0	C	4			REFUELING OUTAGE CONTINUES.

* SUMMARY *

CRYSTAL RIVER 3 REMAINS SHUTDOWN FOR REFUELING IN JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* CRYSTAL RIVER 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....FLORIDA
COUNTY.....CITRUS
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...7 MI NW OF
CRYSTAL RIVER, FLA
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.....3201 34TH STREET, SOUTH
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.....II
IE RESIDENT INSPECTOR.....T. STETKA
LICENSING PROJ MANAGER.....H. SILVER
DOCKET NUMBER.....50-302
LICENSE & DATE ISSUANCE...DPR-72, JANUARY 28, 1977
PUBLIC DOCUMENT ROOM.....CRYSTAL RIVER PUBLIC LIBRARY
668 N.W. FIRST
CRYSTAL RIVER, FLORIDA 32639

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 2-5 & 15-19 (85-17): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 74 INSPECTOR-HOURS ONSITE IN THE AREAS OF INSPECTOR ACTION ON PREVIOUS ENFORCEMENT MATTERS; INSPECTOR IDENTIFIED FOLLOW-UP ITEMS; TEN YEAR OUTAGE INSERVICE INSPECTION (ISI) WORK OBSERVATION, PROCEDURE REVIEW AND EVALUATION OF ISI DATA; OBSERVATION OF WELDING ACTIVITIES, REVIEW OF WELDER QUALIFICATION PROGRAM; BROKEN MAKE-UP PUMP MUP-1C STUD; EDDY CURRENT EXAMINATION OF ONCE THROUGH STEAM GENERATORS. ONE VIOLATION WAS IDENTIFIED - CONTROL OF FIELD WELDING - PARAGRAPH 5.

INSPECTION APRIL 26 - MAY 24 (84-21): THIS ROUTINE INSPECTION INVOLVED 128 INSPECTOR-HOURS ONSITE BY TWO RESIDENT INSPECTORS IN THE AREAS OF PLANT OPERATIONS, SECURITY, RADIOLOGICAL CONTROLS, LICENSEE EVENT REPORTS AND NONCONFORMING OPERATIONS REPORTS, FACILITY MODIFICATIONS, AND LICENSEE ACTION ON PREVIOUS INSPECTION ITEMS. NUMEROUS FACILITY TOURS WERE CONDUCTED AND FACILITY OPERATIONS OBSERVED. SOME OF THESE TOURS AND OBSERVATIONS WERE CONDUCTED ON BACKSHIFTS. THIS INSPECTION ALSO SURVEYED THE LICENSEE'S RESPONSE TO THE STEAM BINDING IN THE AUXILIARY FEEDWATER PUMP AND MISPOSITIONED CONTROL ROD ISSUES. ONE VIOLATION AND ONE DEVIATION WERE IDENTIFIED (FAILURE TO HAVE TWO MEMBERS OF THE PLANT MANAGEMENT STAFF APPROVE A TEMPORARY PROCEDURE CHANGE, PARAGRAPH 5.B(8); AND FAILURE TO MEET THE FSAR COMMITMENT TO MAINTAIN EMERGENCY DIESEL GENERATOR AIR START PRESSURE, PARAGRAPH 5.).

INSPECTION APRIL 29 - MAY 1 (85-22): THIS SPECIAL, ANNOUNCED INSPECTION INVOLVED 48 INSPECTOR-HOURS ONSITE IN THE AREAS OF VERIFICATION OF LICENSEE ACTIONS REGARDING RECERTIFICATION DOCUMENTATION FOR DECEMBER 1984, OPERATOR LICENSE APPLICANTS PER CONFIRMATION OF ACTION LETTER (302/85-02) AND FLORIDA POWER COMPANY RESPONSE LETTER DATED APRIL 4, 1985. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED. AS DISCUSSED IN THE DETAILS, DOCUMENTATION DID NOT FULLY SUPPORT THAT ALL REQUIRED TRAINING HAD BEEN

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* CRYSTAL RIVER 3 *

INSPECTION SUMMARY

DONE.

INSPECTION MAY 13-17 (85-23): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 37 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, MODIFICATION PROGRESS, WELDING (55050), AND NONDESTRUCTIVE EXAMINATION. ONE VIOLATION WAS IDENTIFIED - "FAILURE TO FOLLOW WPS REQUIREMENTS" - PARAGRAPH 6E.

INSPECTION MAY 20-24 (85-25): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 90 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE PROGRAMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

20 WEEK REFUELING OUTAGE AS OF 3/9/85.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

REFUELING OUTAGE.

LAST IE SITE INSPECTION DATE: MAY 20-24, 1985 +

INSPECTION REPORT NO: 50-302/85-25 +

REPORTS FROM LICENSEE

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-004	05/01/85	05/31/85	IMPROPER INSTALLATION OF CONCRETE ANCHORS, THE SAFETY RELATED PORTION OF THE CONTROL COMPLEX HVAC SYSTEM HAD "DECEIT BOLTS" INSTALLED.

=====

1. Docket: 50-346 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: BILAL SARSOOR (419) 259-5000 X384

4. Licensed Thermal Power (MWh): 2772

5. Nameplate Rating (Gross MWe): 1069 X 0.9 = 962

6. Design Electrical Rating (Net MWe): 906

7. Maximum Dependable Capacity (Gross MWe): 904

8. Maximum Dependable Capacity (Net MWe): 860

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

NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>60,648.0</u>
13. Hours Reactor Critical	<u>148.8</u>	<u>2,846.6</u>	<u>35,878.0</u>
14. Rx Reserve Shtdwn Hrs	<u>44.7</u>	<u>44.7</u>	<u>4,058.8</u>
15. Hrs Generator On-Line	<u>140.5</u>	<u>2,730.5</u>	<u>34,371.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,732.7</u>
17. Gross Therm Ener (MWH)	<u>279,418</u>	<u>6,312,177</u>	<u>81,297,599</u>
18. Gross Elec Ener (MWH)	<u>90,582</u>	<u>2,087,278</u>	<u>26,933,622</u>
19. Net Elec Ener (MWH)	<u>81,419</u>	<u>1,942,921</u>	<u>25,233,177</u>
20. Unit Service Factor	<u>19.5</u>	<u>62.9</u>	<u>56.9</u>
21. Unit Avail Factor	<u>19.5</u>	<u>62.9</u>	<u>59.5</u>
22. Unit Cap Factor (MDC Net)	<u>13.1</u>	<u>51.7</u>	<u>48.4</u>
23. Unit Cap Factor (DER Net)	<u>12.5</u>	<u>49.4</u>	<u>45.9</u>
24. Unit Forced Outage Rate	<u>80.5</u>	<u>18.3</u>	<u>17.4</u>
25. Forced Outage Hours	<u>579.5</u>	<u>613.3</u>	<u>7,874.8</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

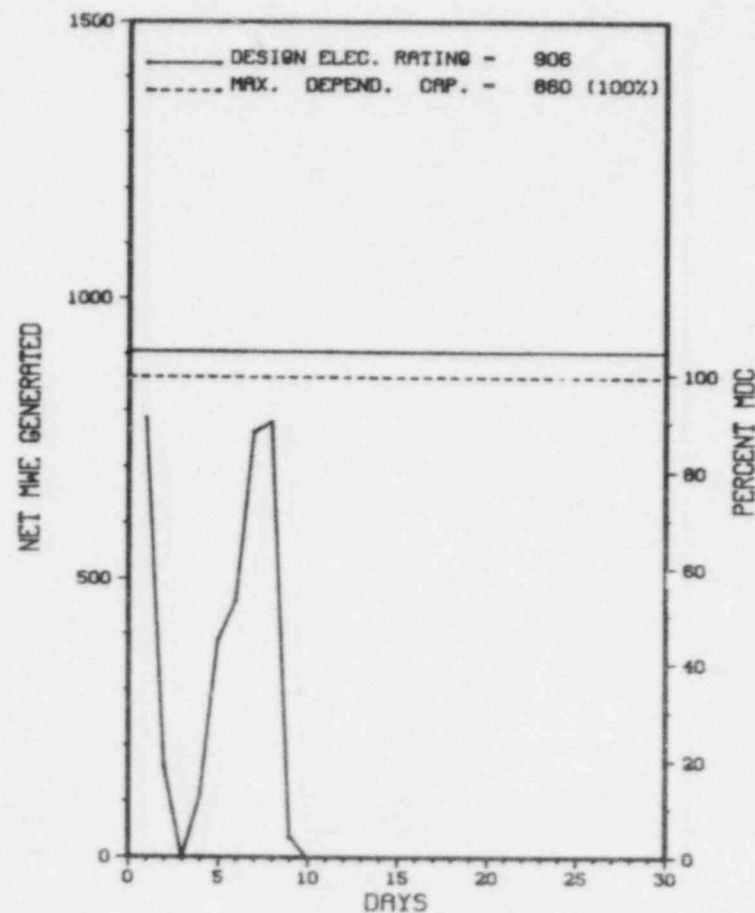
NONE

27. If Currently Shutdown Estimated Startup Date: 07/15/85

 X DAVIS-BESSE 1 X

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DAVIS-BESSE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * DAVIS-BESSE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
6	06/02/85	F	53.0	A	3	85-011	SB	XCV	THE MAIN TURBINE TRIPPED DURING MAIN TURBINE CONTROL VALVE TESTING. THE ANTICIPATORY REACTOR TRIP SYSTEM (ARTS) TRIPPED THE REACTOR.
7	06/09/85	F	526.5	A	3	85-013	JK	SC	THE REACTOR TRIPPED ON HIGH REACTOR COOLANT SYSTEM (RCS) PRESSURE WHEN NO. 1 MAIN FEED PUMP DEVELOPED CONTROL PROBLEMS AND TRIPPED ON OVERSPEED.

 * SUMMARY *

DAVIS-BESSE SHUTDOWN ON JUNE 9TH FOR EQUIPMENT REPAIRS.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Repo. +
	& License Examination	9-Other	(LER) File (NUREG-016)

* DAVIS-BESSE 1 *

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

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....OHIO
COUNTY.....OTTAWA
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...21 MI E 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
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.....III
IE RESIDENT INSPECTOR.....W. ROGERS
LICENSING PROJ MANAGER.....A. DEAGAZIO
DOCKET NUMBER.....50-346
LICENSE & DATE ISSUANCE...NPF-3, APRIL 22, 1977
PUBLIC DOCUMENT ROOM.....UNIVERSITY OF TOLEDO LIBRARY
GOVERNMENT DOCUMENTS COLLECTION
2801 WEST BANCROFT AVENUE
TOLEDO, OHIO 43606

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

INSPECTION ON APRIL 8-26 (85009): ROUTINE, ANNOUNCED INSPECTION OF CONTROL ROD WORTH MEASUREMENTS, SHUTDOWN MARGIN CALCULATIONS, POWER DOPPLER COEFFICIENT MEASUREMENT, MODERATOR TEMPERATURE COEFFICIENT MEASUREMENT, THERMAL POWER EVALUATION, FLUX/DELTA FLUX/FLOW REACTOR TRIP, CORE POWER DISTRIBUTION, INCORE-EXCORE CALIBRATION AND ESTIMATED CRITICAL BORON CONCENTRATION CALCULATIONS. THE INSPECTION INVOLVED 166 INSPECTOR-HOURS ONSITE BY THREE INSPECTORS INCLUDING SIX INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. OF THE NINE AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS; TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE FOUR REMAINING AREAS (FAILURE TO PERFORM A PROCEDURE, FAILURE TO ADEQUATELY EVALUATE TEST RESULTS).

INSPECTION ON MARCH 27 THROUGH APRIL 12 AND MAY 30 (85015): REVIEW OF CONTROL ROD DRIVE MECHANISM (CRDM) MALFUNCTION AND DAMAGED INTERNAL SPRING COMPONENT. THIS INSPECTION INVOLVED A TOTAL OF 20 INSPECTOR-HOURS IN THE REGION III OFFICE BY ONE NRC INSPECTOR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 9 THROUGH MAY 13 (85016): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTORS OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, LICENSEE EVENT REPORTS, OPERATIONAL SAFETY, MAINTENANCE, SURVEILLANCE, IE BULLETINS, OPERATIONAL EVENTS, MEETING WITH LICENSEE, ACTION ON REGIONAL REQUESTS AND TRAINING. THE INSPECTION INVOLVED 209 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS INCLUDING 49 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. OF THE TEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN NINE AREAS AND ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED IN THE AREA OF SURVEILLANCE (FAILURE TO PROPERLY IMPLEMENT A PROCEDURE).

INSPECTION STATUS - (CONTINUED)

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*****
*      DAVIS-BESSE 1      *
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INSPECTION ON MAY 14 THROUGH JUNE 10 (85020): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTORS OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, OPERATIONAL SAFETY, MAINTENANCE, SURVEILLANCE, OPERATIONAL EVENTS AND MANAGEMENT MEETINGS. THE INSPECTION INVOLVED 132 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS INCLUDING 46 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED DURING THIS INSPECTION.

NONE

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

UNIT SHUTDOWN FOR REPAIRS TO A CONTROL ROD DRIVE ON 3/21/85 AND IS PRESENTLY IN A MAINTENANCE OUTAGE.

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS IN COLD SHUTDOWN FOR INDETERMINATE PERIOD.

LAST IE SITE INSPECTION DATE: JUNE 24 - JULY 3, 1985

INSPECTION REPORT NO: 85023

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-10	04/30/85	05/30/85	SAFETY FEATURES ACTUATION SYSTEM LEVEL 1 ACTUATION

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: DAVID P. SISK (805) 595-7351

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): 1125

8. Maximum Dependable Capacity (Net MWe): 1073

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>1,317.3</u>	<u>1,317.3</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>1,277.3</u>	<u>1,277.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>1,266.5</u>	<u>1,266.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,286,901</u>	<u>3,919,009</u>	<u>3,919,009</u>
18. Gross Elec Ener (MWH)	<u>773,100</u>	<u>1,317,232</u>	<u>1,317,232</u>
19. Net Elec Ener (MWH)	<u>736,185</u>	<u>1,251,180</u>	<u>1,251,180</u>
20. Unit Service Factor	<u>100.0</u>	<u>96.1</u>	<u>96.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>96.1</u>	<u>96.1</u>
22. Unit Cap Factor (MDC Net)	<u>95.3</u>	<u>88.5</u>	<u>88.5</u>
23. Unit Cap Factor (DER Net)	<u>94.2</u>	<u>87.5</u>	<u>87.5</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>3.9</u>	<u>3.9</u>
25. Forced Outage Hours	<u>.0</u>	<u>50.8</u>	<u>50.8</u>

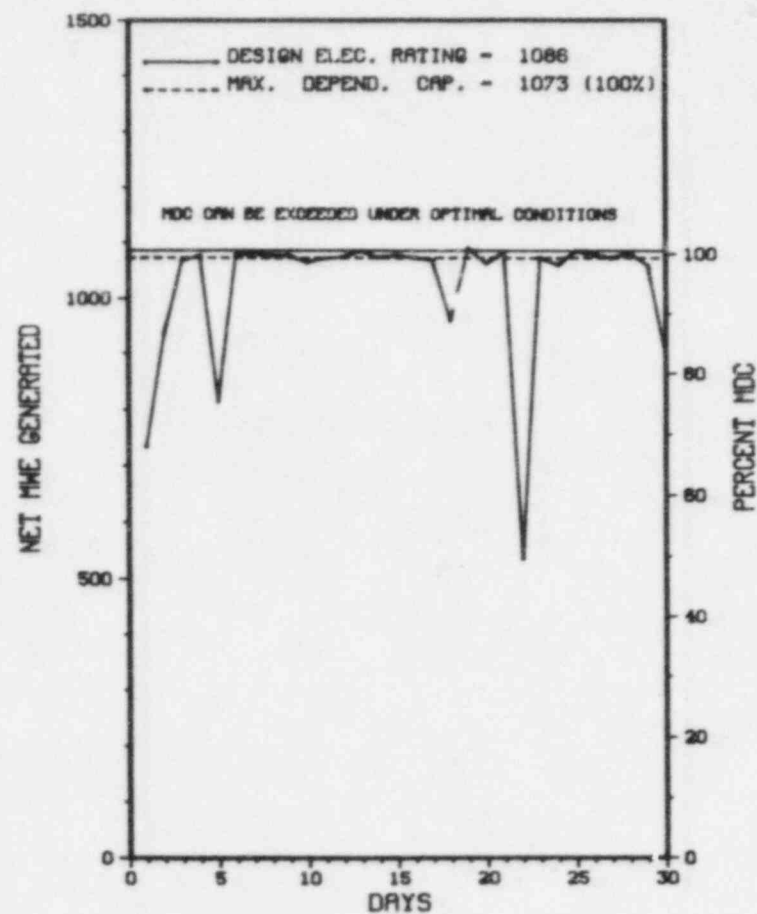
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* DIABLO CANYON 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DIABLO CANYON 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* DIABLO CANYON 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

DIABLO CANYON 1 OPERATED WITH NO REPORTED REDUCTIONS OR OUTAGES DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* DIABLO CANYON 1 *

FACILITY DATA

Report Period JUN 1985

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 7, 1985
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...PACIFIC OCEAN
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....PACIFIC GAS & ELECTRIC
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.....V
IE RESIDENT INSPECTOR.....M.MENDONCA
LICENSING PROJ MANAGER.....H. SCHIERLING
DOCKET NUMBER.....50-275
LICENSE & DATE ISSUANCE...DPR-80, NOVEMBER 2, 1984
PUBLIC DOCUMENT ROOM.....ROBERT F. KENNEDY LIBRARY
CALIFORNIA POLYTECHNIC STATE UNIVERSITY
SAN LUIS OBISPO, CA. 93407

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON APRIL 8-13, 1985 (REPORT NO. 50-275/85-15) AREAS INSPECTED: ROUTINE, ANNOUNCED INSPECTION OF ACTIVITIES RELATING TO A PERIODIC CONTAINMENT INTEGRATED LEAK RATE TEST (CILRT). THE INSPECTION INCLUDED PROCEDURE REVIEW, INTERVIEWS WITH PERSONNEL, WITNESSING PORTIONS OF THE CILRT, AND INSPECTION OF CONTAINMENT. THE INSPECTION INVOLVED 77 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 10-28, 1985 (REPORT NO. 50-275/85-23) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 3-18, 1985 (REPORT NO. 50-275/85-24) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 26 - JUNE 29, 1985 (REPORT NO. 50-275/85-25) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 30 - JULY 7, 1985 (REPORT NO. 50-275/85-26) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ EXAMINATIONS ON MAY 21-30, 1985 (REPORT NO. 50-275/OL-85-02) EXAMINATIONS WERE CONDUCTED FROM MAY 21 TO 30, 1985. THE WRITTEN EXAMINATION WAS ADMINISTERED ON MAY 21, 1985, TO SEVEN SENIOR REACTOR OPERATOR CANDIDATES (SRO), SEVEN REACTOR OPERATOR (RO) CANDIDATES AND ONE INSTRUCTOR CANDIDATE. IN ADDITION, ONE INSTRUCTOR CANDIDATE TOOK ONLY ONE SECTION OF THE WRITTEN EXAMINATION. ONE SRO CANDIDATE FAILED A SECTION OF THE WRITTEN EXAMINATION AND FAILED OVERALL BUT PASSED THE OPERATING EXAMINATION. TWO SRO

PAGE 2-092

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

CANDIDATES FAILED THE OPERATING EXAMINATION, BUT PASSED THE WRITTEN EXAMINATION. THE INSTRUCTOR CANDIDATE WHO TOOK ONLY ONE SECTION OF THE WRITTEN EXAMINATION PASSED THAT SECTION. THIS RESULTS IN FOUR SRO LICENSES AND TWO INSTRUCTOR CERTIFICATIONS BEING ISSUED. ALL SEVEN REACTOR OPERATOR CANDIDATES PASSED THE WRITTEN AND OPERATING EXAMINATIONS. THIS RESULTS IN SEVEN RO LICENSES BEING ISSUED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

100% POWER

LAST IE SITE INSPECTION DATE: 06/30-07/07/85+

INSPECTION REPORT NO: 50-275/85-26+

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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85-99-X1 04-26-85 05-23-85 FAILURE OF DG 13 TO START (SPECIAL REPORT)

1. Docket: 50-237 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (Mwt): 2527

5. Nameplate Rating (Gross MWe): 920 X 0.9 = 828

6. Design Electrical Rating (Net MWe): 794

7. Maximum Dependable Capacity (Gross MWe): 812

8. Maximum Dependable Capacity (Net MWe): 772

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>132,647.0</u>
13. Hours Reactor Critical	<u>591.5</u>	<u>1,714.6</u>	<u>100,451.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>544.0</u>	<u>1,537.2</u>	<u>95,841.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,142,019</u>	<u>3,139,363</u>	<u>194,520,381</u>
18. Gross Elec Ener (MWH)	<u>357,496</u>	<u>986,622</u>	<u>62,191,376</u>
19. Net Elec Ener (MWH)	<u>337,733</u>	<u>921,633</u>	<u>58,779,437</u>
20. Unit Service Factor	<u>75.6</u>	<u>35.4</u>	<u>72.3</u>
21. Unit Avail Factor	<u>75.6</u>	<u>35.4</u>	<u>72.3</u>
22. Unit Cap Factor (MDC Net)	<u>60.8</u>	<u>27.5</u>	<u>57.4</u>
23. Unit Cap Factor (DER Net)	<u>59.1</u>	<u>26.7</u>	<u>55.8</u>
24. Unit Forced Outage Rate	<u>24.4</u>	<u>17.6</u>	<u>11.6</u>
25. Forced Outage Hours	<u>176.0</u>	<u>329.2</u>	<u>5,039.2</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

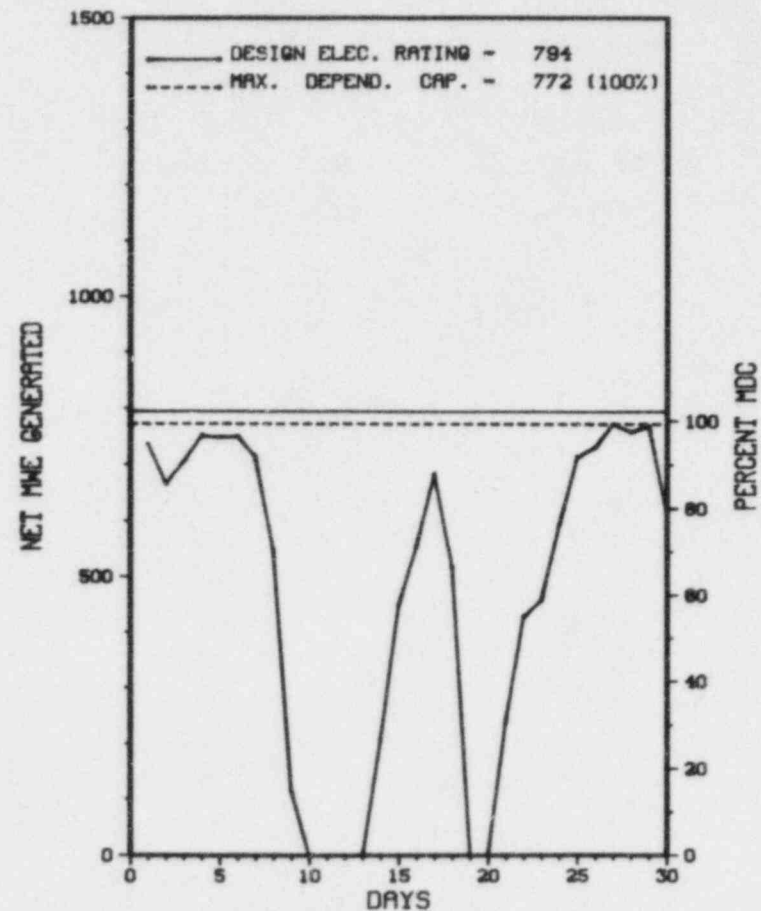
SNUBBER INSPECTION ON OCTOBER 12, 1985 + 4 WEEKS,

27. If Currently Shutdown Estimated Startup Date: N/A

* DRESDEN 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DRESDEN 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * DRESDEN 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
3	06/09/85	F	119.5	A	3	85-027-0		2B MG SET PROBLEMS AND SNUBBER INSPECTION, ALSO RX MOD SWITCH PROBLEMS CAUSED BY SCRAM.
4	06/18/85	F	56.5	A	3	85-028-0		RX SCRAM BECAUSE OF HIGH LEVEL IN S.D.V.

***** DRESDEN 2 OPERATED WITH 2 OUTAGES FOR EQUIPMENT FAILURE IN JUNE.

* SUMMARY *

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* DRESDEN 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....GRUNDY
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...9 MI E OF
MORRIS, ILL
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...JANUARY 7, 1970
DATE ELEC ENER 1ST GENER...APRIL 13, 1970
DATE COMMERCIAL OPERATE...JUNE 9, 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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....T. TONGUE
LICENSING PROJ MANAGER.....R. GILBERT
DOCKET NUMBER.....50-237
LICENSE & DATE ISSUANCE...DPR-19, DECEMBER 22, 1969
PUBLIC DOCUMENT ROOM.....MORRIS PUBLIC LIBRARY
604 LIBERTY STREET
MORRIS, ILLINOIS 60450

INSPECTION STATUS

INSPECTION SUMMARY

SPECIAL INSPECTION CONDUCTED FROM DECEMBER 21 THROUGH APRIL 30 (84027): LICENSEE ACTIONS RELATED TO THE MAIN STEAM (MS) AND LOW PRESSURE COOLANT INJECTION (LPCI) SYSTEMS' PIPING SNUBBER FAILURES; INDEPENDENT REVIEW TO DETERMINE THE CAUSE OF THE PROBLEM; REVIEW OF INSTALLATION OF A MONITORING PROGRAM; AND OBSERVATION OF LPCI TESTING AND MS SNUBBER AND STRUCTURE MODIFICATIONS. THE INSPECTION INVOLVED A TOTAL OF 192 INSPECTOR-HOURS ONSITE, AT IMPELL AND AT THE REGION III OFFICE BY TWO NRC INSPECTORS. WITHIN THE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED (INADEQUATE QC INSPECTION OF MODIFIED PIPING SUSPENSION SYSTEMS; INADEQUATE DESIGN REVIEWS PERFORMED BY NUTECH OF THE DRESDEN 2 LPCI TRANSIENT).

INSPECTION ON APRIL 11 THROUGH MAY 3 (85016): ROUTINE, UNANNOUNCED SAFETY INSPECTION OF SURVEILLANCE OF CORE POWER DISTRIBUTION LIMITS; CALIBRATION OF THE LOCAL POWER RANGE MONITORING SYSTEM; APRM (AVERAGE POWER RANGE MONITOR) CALIBRATION; CORE THERMAL POWER EVALUATION; DETERMINATION OF REACTOR SHUTDOWN MARGIN; NUCLEAR INSTRUMENTATION RESPONSE AND REACTIVITY CHECKS; AND CONTROL ROD DRIVE PERFORMANCE TESTING. THE INSPECTION INVOLVED A TOTAL OF 81 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. OF THE SEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN FOUR AREAS; TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE REMAINING THREE AREAS (FAILURE TO FOLLOW PROCEDURES; FAILURE TO FOLLOW Q.A. PROCEDURES).

ENFORCEMENT SUMMARY

NONE

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NONE

NONE

NONE

PLANT STATUS:

UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 15 - 19, 1985

INSPECTION REPORT NO: 85026

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-21	05/03/85	05/28/85	REACTOR SCRAM
85-23	05/02/85	05/29/85	REACTOR SCRAM DUE TO C AND D MSL MONITOR TRIP
85-24	05/05/85	06/03/85	APRM CHANNEL 1 INOPERABLE DURING GAIN CHANGES
85-25	05/08/85	06/05/85	MISSED SURVEILLANCE INTERVAL
85-26	05/18/85	06/03/85	UNIT 2 REACTOR SCRAM

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 2527

5. Nameplate Rating (Gross MWe): 920 X 0.9 = 828

6. Design Electrical Rating (Net MWe): 794

7. Maximum Dependable Capacity (Gross MWe): 812

8. Maximum Dependable Capacity (Net MWe): 773

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>122,232.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,094.7</u>	<u>90,818.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,022.1</u>	<u>87,195.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,702,449</u>	<u>9,188,426</u>	<u>176,248,355</u>
18. Gross Elec Ener (MWH)	<u>534,570</u>	<u>2,915,517</u>	<u>57,104,364</u>
19. Net Elec Ener (MWH)	<u>508,517</u>	<u>2,776,729</u>	<u>54,112,958</u>
20. Unit Service Factor	<u>100.0</u>	<u>92.6</u>	<u>71.3</u>
21. Unit Avail Factor	<u>100.0</u>	<u>92.6</u>	<u>71.3</u>
22. Unit Cap Factor (MDC Net)	<u>91.4</u>	<u>82.7</u>	<u>57.3</u>
23. Unit Cap Factor (DER Net)	<u>89.0</u>	<u>80.5</u>	<u>55.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>3.4</u>	<u>12.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>140.2</u>	<u>7,102.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

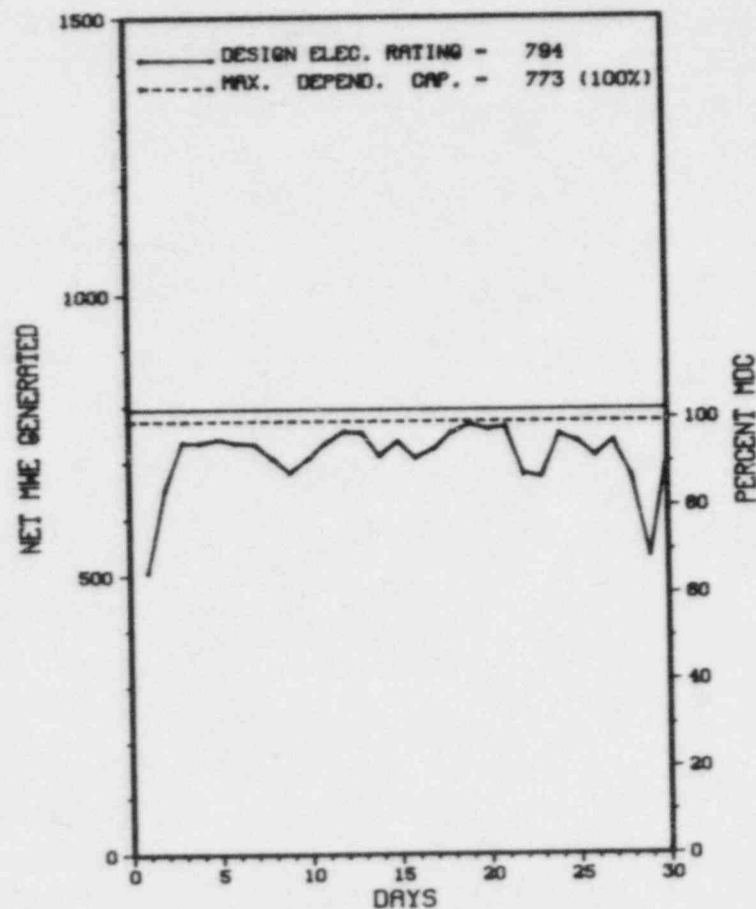
REFUELING & RECIR. PIPING REPLACEMENT: 10/85 - 6 MOS.

27. If Currently Shutdown Estimated Startup Date: N/A

* DRESDEN 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DRESDEN 3



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* DRESDEN 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

DRESDEN 3 OPERATED WITH NO REPORTED REDUCTIONS OR OUTAGES DURING THE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* DRESDEN 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....GRUNDY
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...9 MI E OF
MORRIS, ILL
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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....T. TONGUE
LICENSING PROJ MANAGER.....R. GILBERT
DOCKET NUMBER.....50-249
LICENSE & DATE ISSUANCE...DPR-25, MARCH 2, 1971
PUBLIC DOCUMENT ROOM.....MORRIS PUBLIC LIBRARY
604 LIBERTY STREET
MORRIS, ILLINOIS 60450

INSPECTION STATUS

INSPECTION SUMMARY

SPECIAL INSPECTION CONDUCTED FROM DECEMBER 21 THROUGH APRIL 30 (84013): LICENSEE ACTIONS RELATED TO THE MAIN STEAM (MS) AND LOW PRESSURE COOLANT INJECTION (LPCI) SYSTEMS' PIPING SNUBBER FAILURES; INDEPENDENT REVIEW TO DETERMINE THE CAUSE OF THE PROBLEM; REVIEW OF INSTALLATION OF A MONITORING PROGRAM; AND OBSERVATION OF LPCI TESTING AND MS SNUBBER AND STRUCTURE MODIFICATIONS. THE INSPECTION INVOLVED A TOTAL OF 192 INSPECTOR-HOURS ONSITE, AT IMPELL AND AT THE REGION III OFFICE BY TWO NRC INSPECTORS. WITHIN THE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED (INADEQUATE QC INSPECTION OF MODIFIED PIPING SUSPENSION SYSTEMS; INADEQUATE DESIGN REVIEWS PERFORMED BY NUTECH OF THE DRESDEN 2 LPCI TRANSIENT).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* D R E S D E N 3 *

OTHER ITEMS

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

PLANT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 15 - 19, 1985

INSPECTION REPORT NO: 85021

R E P O R T S F R O M L I C E N S E E

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=====
NUMBER      DATE OF      DATE OF      SUBJECT
            EVENT       REPORT
-----
85-13      05/16/85    06/10/85    REACTOR BUILDING VENT AND REFUELING FLOOR RAD MONITORS
85-14      05/20/85    06/18/85    UNIT 3 TURBINE TRACKWAY SPRINKLERS OUT-OF-SERVICE FOR GREATER THAN 14 DAYS
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1. Docket: 50-331 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: KEN S. PUTNAM (319) 851-7456

4. Licensed Thermal Power (MWh): 1658

5. Nameplate Rating (Gross MWe): 663 X 0.9 = 597

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:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>91,271.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>773.8</u>	<u>63,335.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>130.3</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>773.1</u>	<u>61,620.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>1,005,468</u>	<u>77,465,401</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>335,850</u>	<u>25,923,204</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>313,653</u>	<u>24,267,586</u>
20. Unit Service Factor	<u>.0</u>	<u>17.8</u>	<u>67.5</u>
21. Unit Avail Factor	<u>.0</u>	<u>17.8</u>	<u>67.5</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>14.0</u>	<u>51.6</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>13.4</u>	<u>49.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>16.8</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>12,384.8</u>

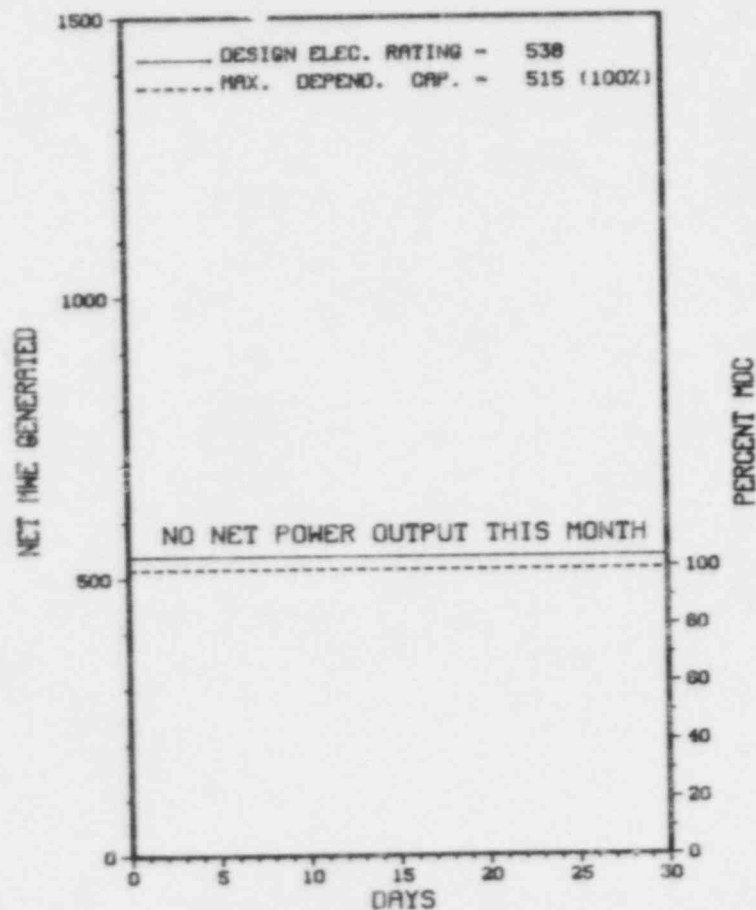
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 07/16/85

* DUANE ARNOLD *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DUANE ARNOLD



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * DUANE ARNOLD *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
1	02/02/85	S	720.0	C	4			CONTINUED REFUELING OUTAGE.

 * SUMMARY *

DUANE ARNOLD REMAINS SHUTDOWN FOR REFUELING IN JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* DUANE ARNOLD *

FACILITY DATA

Report Period JUN 1985

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 1, 1975
CONDENSER COOLING METHOD...COOLING TOWER
CONDENSER COOLING WATER...CEDAR RAPIDS RIVER
ELECTRIC RELIABILITY
COUNCIL.....MID-CONTINENT AREA
RELIABILITY COORDINATION
AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....IOWA ELECTRIC POWER & LIGHT
CORPORATE ADDRESS.....I E TOWERS, 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.....III
IE RESIDENT INSPECTOR.....J. WEIBE
LICENSING PROJ MANAGER.....M. THADANI
DOCKET NUMBER.....50-331
LICENSE & DATE ISSUANCE...DPR-49, FEBRUARY 22, 1974
PUBLIC DOCUMENT ROOM.....CEDAR RAPIDS PUBLIC LIBRARY
500 FIRST STREET, S.E.
CEDAR RAPIDS, IOWA 52401

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 6-10 (85012): ROUTINE, UNANNOUNCED INSPECTION OF RADIATION PROTECTION ACTIVITIES DURING A MAJOR OUTAGE. ACTIVITIES REVIEWED INCLUDED: AUDITS AND APPRAISALS; CHANGES; TRAINING AND QUALIFICATIONS; PLANNING AND PREPARATION; EXPOSURE CONTROL; CONTROL OF RADIOACTIVE MATERIALS AND CONTAMINATION; MAINTAINING EXPOSURE ALARA; STATUS OF NUREG 0737 ITEMS; IE BULLETIN 84-03; AND THE CIRCUMSTANCES OF AN ADMINISTRATIVE OVEREXPOSURE INCIDENT. THE INSPECTION INVOLVED 34 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. OF THE TEN AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED (FAILURE TO ADHERE TO RWP PROCEDURE; FAILURE TO MAKE AN ADEQUATE SURVEY OF A LOCKED HIGH RADIATION AREA).

INSPECTION ON MAY 20-24 (85014): ROUTINE, ANNOUNCED INSPECTION OF REFUELING PREPARATIONS, REFUELING SURVEILLANCES, AND TESTS ACTIVITIES. THE INSPECTION INVOLVED A TOTAL OF 36 INSPECTOR-HOURS ONSITE BY 1 NRC INSPECTOR INCLUDING 3 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

X DUANE ARNOLD X

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

ALL RECIRCULATING SYSTEM WELDS REPAIRS HAVE BEEN COMPLETED USING THE WELD OVERLAY TECHNIQUE. THE SYSTEM HYDROSTATIC TEST WAS COMPLETED ON 6/30/85. AN INTEGRATED LEAK RATE TEST IS SCHEDULED FOR JULY 4-7, 1985. STARTUP IS EXPECTED BY MID-JULY, 1985.

LAST IE SITE INSPECTION DATE: JULY 23 - SEPTEMBER 16, 1985

INSPECTION REPORT NO: 85021

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-13	05/01/85	05/30/85	UNPLANNED REACTOR WATER CLEANUP ISOLATION
85-14	05/06/85	06/05/85	INADVERTENT STANDBY GAS TREATMENT ACTUATION
85-15	05/29/85	06/28/85	INOPERABILITY OF FIRE PUMPS
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. D. WOODARD (205) 899-5156

4. Licensed Thermal Power (MWe): 2652

5. Nameplate Rating (Gross MWe): 1045 X 0.85 = 888

6. Design Electrical Rating (Net MWe): 829

7. Maximum Dependable Capacity (Gross MWe): 861

8. Maximum Dependable Capacity (Net MWe): 816

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>66,455.0</u>
13. Hours Reactor Critical	<u>693.7</u>	<u>3,098.6</u>	<u>45,227.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,650.7</u>
15. Hrs Generator On-Line	<u>670.7</u>	<u>2,986.6</u>	<u>44,011.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,655,389</u>	<u>7,533,878</u>	<u>111,434,451</u>
18. Gross Elec Ener (MWH)	<u>540,662</u>	<u>2,435,952</u>	<u>35,429,070</u>
19. Net Elec Ener (MWH)	<u>508,014</u>	<u>2,288,746</u>	<u>33,417,792</u>
20. Unit Service Factor	<u>93.2</u>	<u>68.8</u>	<u>66.2</u>
21. Unit Avail Factor	<u>93.2</u>	<u>68.8</u>	<u>66.2</u>
22. Unit Cap Factor (MDC Net)	<u>86.5</u>	<u>64.6</u>	<u>63.0*</u>
23. Unit Cap Factor (DER Net)	<u>85.1</u>	<u>63.6</u>	<u>60.7</u>
24. Unit Forced Outage Rate	<u>6.8</u>	<u>3.7</u>	<u>12.7</u>
25. Forced Outage Hours	<u>49.3</u>	<u>114.5</u>	<u>6,360.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

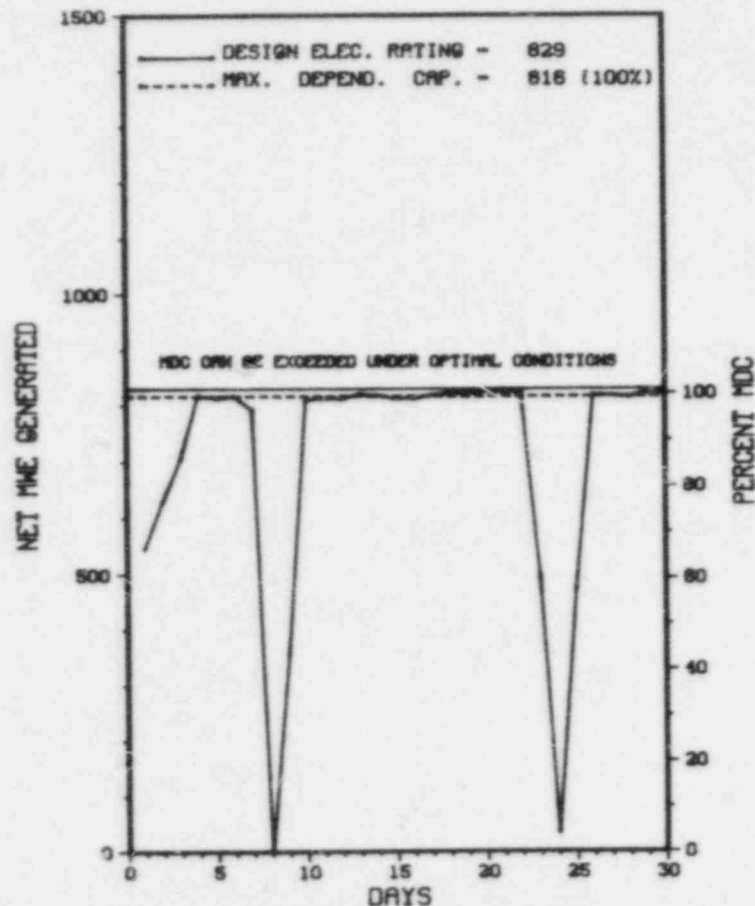
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* FARLEY 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FARLEY 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * FARLEY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
004	06/08/85	F	25.2	G	3	85-010-00	AB	BU	A REACTOR TRIP OCCURRED DUE TO UNDERFREQUENCY ON THE REACTOR COOLANT PUMP (RCP) BUSES. UNDERFREQUENCY CONDITION OCCURRED BECAUSE THE RCP BUS POWER SOURCES HAD NOT BEEN REALIGNED TO STARTUP TRANSFORMERS PRIOR TO TRIPPING MAIN TURBINE.
005	06/23/85	F	24.1	A	3	85-012-00	AA	CBL4	A REACTOR TRIP OCCURRED DUE TO AN ELECTRICAL SHORT BETWEEN TWO CONTROL ROD DRIVE SYSTEM CABLES WHICH WERE ROUTED THROUGH THE SAME CONTAINMENT ELECTRICAL PENETRATION. THE CABLES HAVE BEEN REPAIRED AND RE-ROUTED.

 * SUMMARY *

 FARLEY 1 OPERATED WITH 2 OUTAGES DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* FARLEY 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ALABAMA

COUNTY.....HOUSTON

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

TYPE OF REACTOR.....PWR

DATE INITIAL CRITICALITY...AUGUST 9, 1977

DATE ELEC ENER 1ST GENER...AUGUST 18, 1977

DATE COMMERCIAL OPERATE...DECEMBER 1, 1977

CONDENSER COOLING METHOD...COOLING TOWER

CONDENSER COOLING WATER...CHATAHOOCHEE RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....ALABAMA POWER CO.

CORPORATE ADDRESS.....600 NORTH 18TH STREET
BIRMINGHAM, ALABAMA 35203

CONTRACTOR
ARCHITECT/ENGINEER.....SOUTHERN SERVICES INCORPORATED

NUC STEAM SYS SUPPLIER...WESTINGHOUSE

CONSTRUCTOR.....DANIEL INTERNATIONAL

TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II

IE RESIDENT INSPECTOR.....W. BRADFORD

LICENSING PROJ MANAGER....E. REEVES
DOCKET NUMBER.....50-348

LICENSE & DATE ISSUANCE...NPF-2, JUNE 25, 1977

PUBLIC DOCUMENT ROOM.....G.S. HOUSTON MEMORIAL LIBRARY
212 W. BURDESHAW STREET
DOTHAN, ALABAMA 36301

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 2 - MAY 10 (85-20): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 85 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, LICENSEE EVENT REPORTS, STATION BATTERIES, ALLIS CHALMERS 4160V BREAKERS, AND ACTION ON PREVIOUSLY IDENTIFIED STATION ITEMS. FOUR VIOLATIONS WERE IDENTIFIED: TWO VIOLATIONS INVOLVED VIOLATION OF TECHNICAL SPECIFICATIONS; ONE VIOLATION INVOLVED 10 CFR 50 APPENDIX B, CRITERION II, ONE VIOLATION INVOLVED FAILURE TO FOLLOW PROCEDURES.

INSPECTION MAY 11 - JUNE 10 (85-24): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 84.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, AND UNIT 1 DESIGN CHANGES AND MAINTENANCE, PLANT STARTUP AND DESIGN CHANGES, AND ENGINEERED SAFETY SYSTEMS INSPECTION. ONE VIOLATION WAS IDENTIFIED. THIS VIOLATION INVOLVED FAILURE TO FOLLOW APPROVED PROCEDURES.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 3.9.4(B) REQUIRES THAT A MINIMUM OF ONE DOOR IN EACH CONTAINMENT AIRLOCK SHALL BE CLOSED DURING MOVEMENT OF IRRADIATED FUEL WITHIN THE CONTAINMENT. CONTRARY TO THE ABOVE, ON APRIL 15, 1985, THE INNER AND OUTER DOORS OF THE CONTAINMENT AUXILIARY HATCH WERE OPEN AND UNLATCHED FOR A PERIOD OF ABOUT FOUR HOURS WHILE IRRADIATED FUEL WAS BEING MOVED. TECHNICAL

INSPECTION STATUS - (CONTINUED)

PAGE 2-109

Report Period JUN 1985

R E P O R T S F R O M L I C E N S E E

* FARLEY I *

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=====
NUMBER    DATE OF    DATE OF    SUBJECT
          EVENT     REPORT
-----
85-006    04/23/85    05/02/85    S/G TUBE PLUGGING, ONE TUBE IN 1C S/G HAS BEEN PLUGGED.
85-008    05/06/85    06/05/85    ISOLATION OF A AND B TRAIN RHR SUCTION VALVES, CAUSED BY PROCEDURAL INADEQUACY AND PERSONNEL
          ERROR.
85-009    05/17/85    06/14/85    REACTOR PROTECTION SYSTEM ACTUATION WHILE IN MODE 4, LO-LO WATER LEVEL SIGNAL IN S/G 1B WAS
          GENERATED DUE TO PERSONNEL ERROR.
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1. Docket: 50-364 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. D. HOODARD (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): 850

8. Maximum Dependable Capacity (Net MWe): 807

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>34,368.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>2,563.8</u>	<u>29,476.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>138.4</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>2,519.0</u>	<u>29,097.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,865,725</u>	<u>6,260,885</u>	<u>74,686,481</u>
18. Gross Elec Ener (MWH)	<u>618,858</u>	<u>2,078,316</u>	<u>24,024,570</u>
19. Net Elec Ener (MWH)	<u>589,612</u>	<u>1,952,084</u>	<u>22,771,006</u>
20. Unit Service Factor	<u>100.0</u>	<u>58.0</u>	<u>84.7</u>
21. Unit Avail Factor	<u>100.0</u>	<u>58.0</u>	<u>84.7</u>
22. Unit Cap Factor (MDC Net)	<u>101.5</u>	<u>55.7</u>	<u>82.1</u>
23. Unit Cap Factor (DER Net)	<u>98.8</u>	<u>54.2</u>	<u>79.9</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.1</u>	<u>5.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>28.6</u>	<u>1,565.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

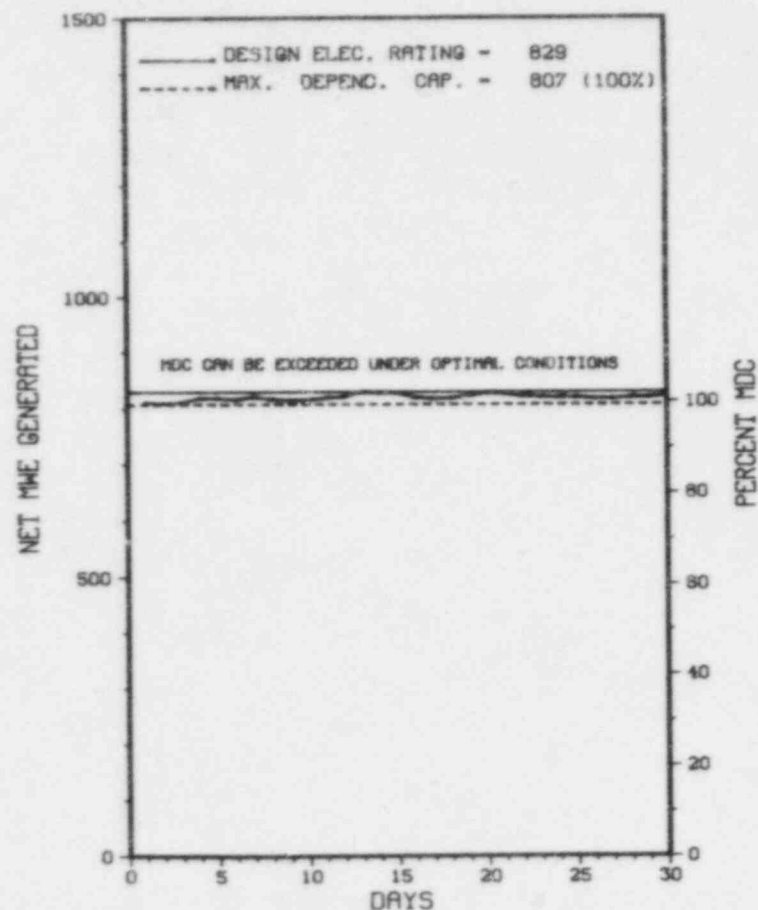
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* FARLEY 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FARLEY 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* FARLEY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

FARLEY 2 OPERATED AT FULL POWER DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* FARLEY 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ALABAMA
COUNTY.....HOUSTON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...28 MI SE OF
DOTHAN, ALA
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...MAY 5, 1981
DATE ELEC ENER 1ST GENER...MAY 25, 1981
DATE COMMERCIAL OPERATE....JULY 30, 1981
CONDENSER COOLING METHOD...COOLING TOWER
CONDENSER COOLING WATER...CHATAHOOCHEE RIVER
ELECTRIC RELIABILITY
COUNCIL.....SOUTHEASTERN ELECTRIC
RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....ALABAMA POWER CO.
CORPORATE ADDRESS.....600 NORTH 18TH STREET
BIRMINGHAM, ALABAMA 35203
CONTRACTOR
ARCHITECT/ENGINEER.....SOUTHERN SERVICES INCORPORATED
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....W. BRADFORD
LICENSING PROJ MANAGER.....E. REEVES
DOCKET NUMBER.....50-364
LICENSE & DATE ISSUANCE....NPF-8, MARCH 31, 1981
PUBLIC DOCUMENT ROOM.....G.S. HOUSTON MEMORIAL LIBRARY
212 W. BURDESHAW STREET
DOTHAN, ALABAMA 36301

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 2 - MAY 10 (85-20): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 85 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, LICENSEE EVENT REPORTS, STATION BATTERIES, ALLIS CHALMERS 4160V BREAKERS, AND ACTION ON PREVIOUSLY IDENTIFIED STATION ITEMS. FOUR VIOLATIONS WERE IDENTIFIED: TWO VIOLATIONS INVOLVED VIOLATION OF TECHNICAL SPECIFICATIONS; ONE VIOLATION INVOLVED 10 CFR 50 APPENDIX B, CRITERION II, ONE VIOLATION INVOLVED FAILURE TO FOLLOW PROCEDURES.

INSPECTION MAY 11 - JUNE 10 (85-24): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 84.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, AND UNIT 1 DESIGN CHANGES AND MAINTENANCE, PLANT STARTUP AND DESIGN CHANGES, AND ENGINEERED SAFETY SYSTEMS INSPECTION. ONE VIOLATION WAS IDENTIFIED. THIS VIOLATION INVOLVED FAILURE TO FOLLOW APPROVED PROCEDURES.

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

X FARLEY 2 X

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

LICENSEE CONTINUES TENDON FIELD ANCHORS INSPECTION.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 11 - JUNE 10, 1985 +

INSPECTION REPORT NO: 50-364/85-24 +

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE.			

=====

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. COOK (315) 342-3840

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWe): 981 X 0.9 = 883

6. Design Electrical Rating (Net MWe): 821

7. Maximum Dependable Capacity (Gross MWe): 830

8. Maximum Dependable Capacity (Net MWe): 810

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

 * FITZPATRICK *

 AVERAGE DAILY POWER LEVEL (MWe) PLOT
 FITZPATRICK

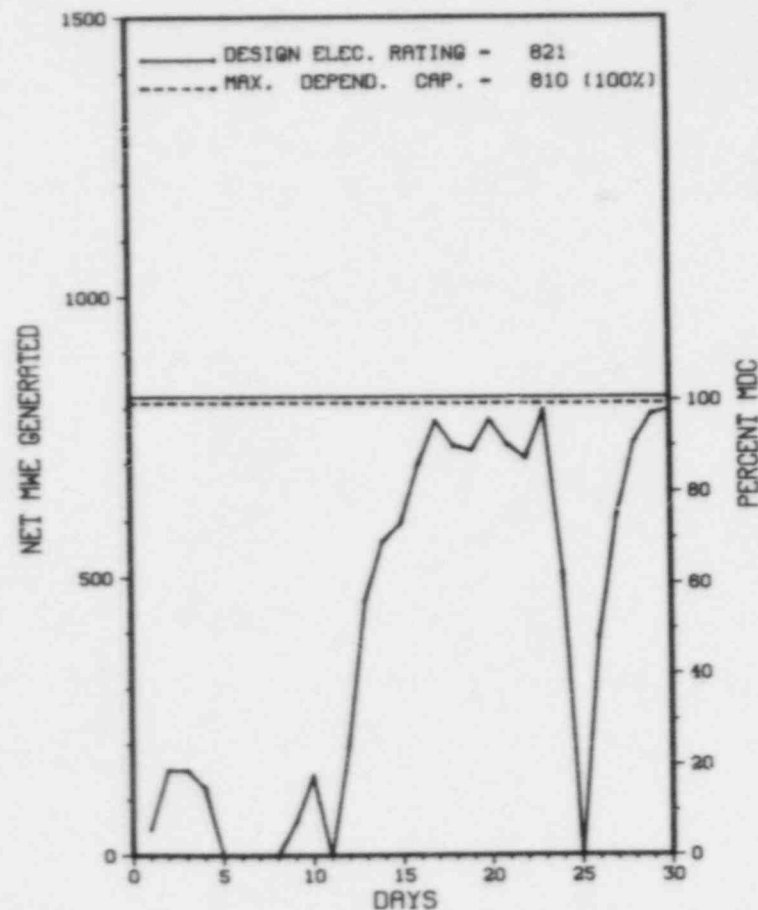
10. Power Level To Which Restricted, If Any (Net MWe): _____

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>87,024.0</u>
13. Hours Reactor Critical	<u>572.7</u>	<u>1,736.4</u>	<u>61,352.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>508.6</u>	<u>1,605.4</u>	<u>59,553.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>935,472</u>	<u>3,494,304</u>	<u>126,430,258</u>
18. Gross Elec Ener (MWH)	<u>305,750</u>	<u>1,179,680</u>	<u>42,898,090</u>
19. Net Elec Ener (MWH)	<u>294,605</u>	<u>1,140,260</u>	<u>41,538,265</u>
20. Unit Service Factor	<u>70.6</u>	<u>37.0</u>	<u>68.4</u>
21. Unit Avail Factor	<u>70.6</u>	<u>37.0</u>	<u>68.4</u>
22. Unit Cap Factor (MDC Net)	<u>50.5</u>	<u>32.4</u>	<u>61.9*</u>
23. Unit Cap Factor (DER Net)	<u>49.8</u>	<u>32.0</u>	<u>58.1</u>
24. Unit Forced Outage Rate	<u>27.8</u>	<u>10.9</u>	<u>13.5</u>
25. Forced Outage Hours	<u>195.9</u>	<u>195.9</u>	<u>9,402.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * FITZPATRICK *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
3	02/14/85	S	15.5	C	4	85-006	TB	SHUTDOWN FOR REFUELING CONTINUES.
4	06/04/85	F	123.3	A	1		TB	SHUTDOWN TO INVESTIGATE GENERATOR EXCITER BEARING VIBRATION. REPLACED BEARING, REALIGNED SHAFT AND RETURNED TO SERVICE.
5	06/10/85	F	38.0	G	3	85-017	JC	REACTOR SCRAM ON FALSE HIGH STEAM FLOW SIGNAL CAUSED BY IMPROPER VALVE POSITIONING. CORRECTED VALVE LINE UP AND RETURNED TO SERVICE.
6	06/24/85	F	34.6	A	3		AD	CAUSE AND CORRECTIVE ACTION ARE STILL UNDER INVESTIGATION AT THE TIME OF THIS SUBMITTAL.

 * SUMMARY *

 FITZPATRICK RETURNED ONLINE FROM REFUELING ON JUNE 1ST AND OPERATED WITH 3 ADDITIONAL OUTAGES DURING JUNE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* FITZPATRICK *

FACILITY DATA

Report Period JUN 1985

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 1, 1975
DATE COMMERCIAL OPERATE....JULY 28, 1975
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LAKE ONTARIO
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....POWER AUTHORITY OF STATE OF N.Y.
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.....I
IE RESIDENT INSPECTOR.....L. DOERFLEIN
LICENSING PROJ MANAGER.....H. ABELSON
DOCKET NUMBER.....50-333
LICENSE & DATE ISSUANCE...DPR-59, OCTOBER 17, 1974
PUBLIC DOCUMENT ROOM.....STATE UNIVERSITY COLLEGE OF OSWEGO
PENFIELD LIBRARY - GOVERNMENT DOCUMENTS COL
OSWEGO, NY 13126
(315) 341-2323

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* FITZPATRICK *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: T. P. MATTHEWS (402) 536-4733

4. Licensed Thermal Power (Mwt): 1500

5. Nameplate Rating (Gross MWe): 591 X 0.85 = 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:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>103,128.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,316.6</u>	<u>80,316.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,309.5</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,308.7</u>	<u>78,926.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,069,152</u>	<u>6,368,248</u>	<u>100,555,016</u>
18. Gross Elec Ener (MWH)	<u>357,360</u>	<u>2,158,384</u>	<u>33,239,864</u>
19. Net Elec Ener (MWH)	<u>340,692</u>	<u>2,059,785</u>	<u>31,471,416</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.2</u>	<u>76.5</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.2</u>	<u>76.5</u>
22. Unit Cap Factor (MDC Net)	<u>99.0</u>	<u>99.2</u>	<u>66.3*</u>
23. Unit Cap Factor (DER Net)	<u>99.0</u>	<u>99.2</u>	<u>63.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>3.6</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>1,750.3</u>

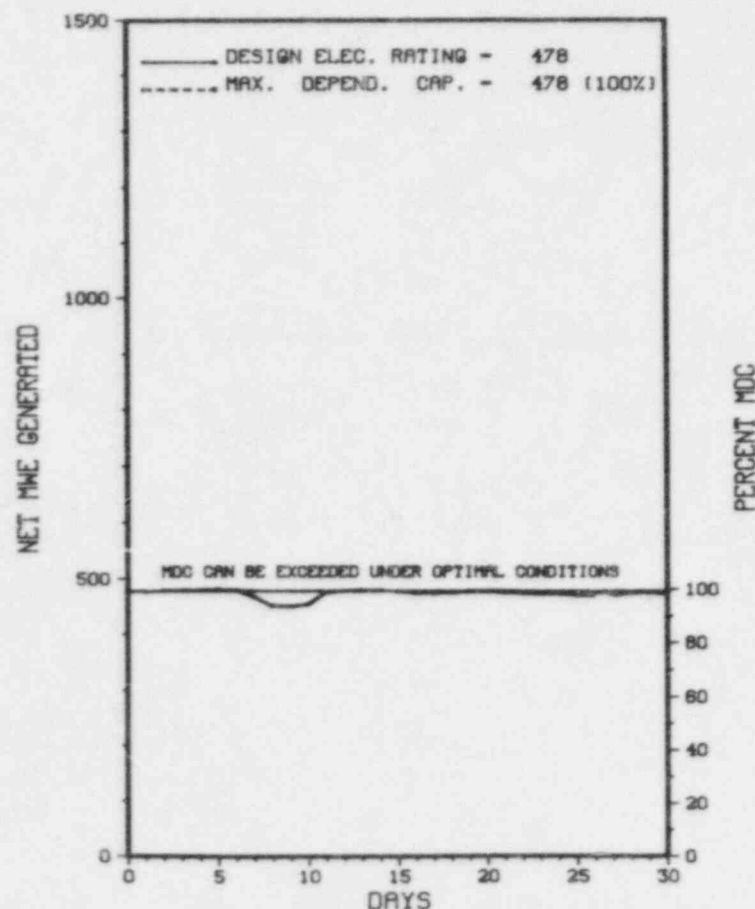
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
REFUELING & MAINTENANCE: 10/85 - 12/85.

27. If Currently Shutdown Estimated Startup Date: N/A

* FORT CALHOUN 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FORT CALHOUN 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * FORT CALHOUN 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

 * SUMMARY *

FORT CALHOUN OPERATED AT OR NEAR FULL POWER DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

FACILITY DESCRIPTION

LOCATION
STATE.....NEBRASKA
COUNTY.....WASHINGTON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...19 MI N OF
OMAHA, NEB
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...AUGUST 6, 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 COORDINATION
AGREEMENT

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
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REGULATORY INFORMATION

IE REGION RESPONSIBLE.....IV
IE RESIDENT INSPECTOR.....L. YANDELL
LICENSING PROJ MANAGER.....E. TOURIGNY
DOCKET NUMBER.....50-285
LICENSE & DATE ISSUANCE....DPR-40, AUGUST 9, 1973
PUBLIC DOCUMENT ROOM.....W. DALE CLARK LIBRARY
215 S. 15TH STREET
OMAHA, NEBRASKA 68102

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION CONDUCTED MARCH 4-8, 1985 (85-03)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RECORD PROGRAM; CALIBRATION, MEASURING AND TEST EQUIPMENT; PROGRAM AUDIT PROGRAM IMPLEMENTATION; AND FOLLOWUP ON PREVIOUS INSPECTION FINDINGS.

WITHIN THE FIVE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED IN ONE AREA (OPPD RECORDS PROGRAM). THE VIOLATIONS WERE FAILURE TO MEET RECORD RETRIEVAL REQUIREMENTS FOR THERMAL STRESS ANALYSIS OF SMALL PIPE AND FAILURE TO HAVE PROCEDURES FOR IDENTIFICATION OF SAFETY-RELATED PIPE REQUIRING IN SERVICE INSPECTION (ISI).

INSPECTION CONDUCTED APRIL 8-12, 1985 (85-08)

ROUTINE, UNANNOUNCED INSPECITON CONSISTING OF INDEPENDENT INSPECTION EFFORT AND FOLLOW UP ON LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS.

WITHIN THE TWO AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED (UNQUALIFIED SECURITY PERSONNEL)

INSPECTION STATUS - (CONTINUED)

ENFORCEMENT SUMMARY

VIOLATION OF 10 CFR PART 50, APPENDIX B, CRITERION V, FAILURE TO HAVE PROCEDURES TO ASSURE INCLUSION OF ALL REQUIRED SAFETY-RELATED PIPING IN THE FORT CALHOON STATION ISI PROGRAM. THE FACILITY TECHNICAL SPECIFICATION 6.8.1.A STATES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED COVERING ACTIVITIES REFERENCED IN APPENDIX 'A' OF REGULATORY GUIDE 1.33, NOVEMBER 1972. SECTION 'H' OF REG GUIDE 1.33 REQUIRES THAT PROCEDURES SHOULD BE PROVIDED TO ASSURE THAT TOOLS, GAUGES, INSTRUMENTS, CONTROLS AND OTHER MEASURING AND TESTING DEVICES ARE PROPERLY CONTROLLED, CALIBRATED, AND ADJUSTED AT SPECIFIED PERIODS TO MAINTAIN ACCURACY. THE ROCHESTER GAS AND ELECTRIC CORP PROCEDURE A-1201 REQUIRES THAT TOOLS, GAGES, INSTRUMENTS, AND OTHER MEASURING AND TESTING DEVICES, USED IN ACTIVITIES AFFECTING QUALITY, ARE PROPERLY CONTROLLED, CALIBRATED AND ADJUSTED AT SPECIFIED PERIOD TO MAINTAIN ACCURACY WITHIN SPECIFIED LIMITS. CONTRARY TO THE ABOVE, DILLON LOAD CELL S/N LAB-2791, WAS NOT CONTROLLED OR CALIBRATED DURING THE PERIOD FROM 12/3/84 TO 2/8/85 WHEN IT WAS USED TO PERFORM ACCEPTANCE TESTS ON MODIFIED SPENT FUEL RACKS IN THAT IT WAS NOT CALIBRATED, BUT SINGLE POINT LOAD TESTED IN LIEU OF CALIBRATION OVER ITS USEFUL OR WORKING RANGE. THIS IS A SEVERITY LEVEL V VIOLATION (SUPPLEMENT I).

(8500 5)

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 8-12, 1985 BY R. A. CALDWELL

INSPECTION REPORT NO: 50-285/85-08

REPORTS FROM LICENSEE

PAGE 2-123

1. Docket: 50-267 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: FRANK NOVACHEK (303) 785-2224

4. Licensed Thermal Power (MWt): 842

5. Nameplate Rating (Gross MWe): 403 X 0.85 = 343

6. Design Electrical Rating (Net MWe): 330

7. Maximum Dependable Capacity (Gross MWe): 342

8. Maximum Dependable Capacity (Net MWe): 330

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

NONE

10. Power Level To Which Restricted, If Any (Net MWe): 280

11. Reasons for Restrictions, If Any: _____

BO STARTUP TESTING.

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>52,608.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>.0</u>	<u>27,151.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>.0</u>	<u>18,463.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>0</u>	<u>9,709,799</u>
18. Gross Elec Ener (MWH)	<u>.0</u>	<u>0</u>	<u>3,248,888</u>
19. Net Elec Ener (MWH)	<u>-2,035</u>	<u>-12,282</u>	<u>2,915,970</u>
20. Unit Service Factor	<u>.0</u>	<u>.0</u>	<u>35.1</u>
21. Unit Avail Factor	<u>.0</u>	<u>.0</u>	<u>35.1</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>.0</u>	<u>16.8</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>.0</u>	<u>16.8</u>
24. Unit Forced Outage Rate	<u>100.0</u>	<u>100.0</u>	<u>52.8</u>
25. Forced Outage Hours	<u>720.0</u>	<u>4,343.0</u>	<u>20,672.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

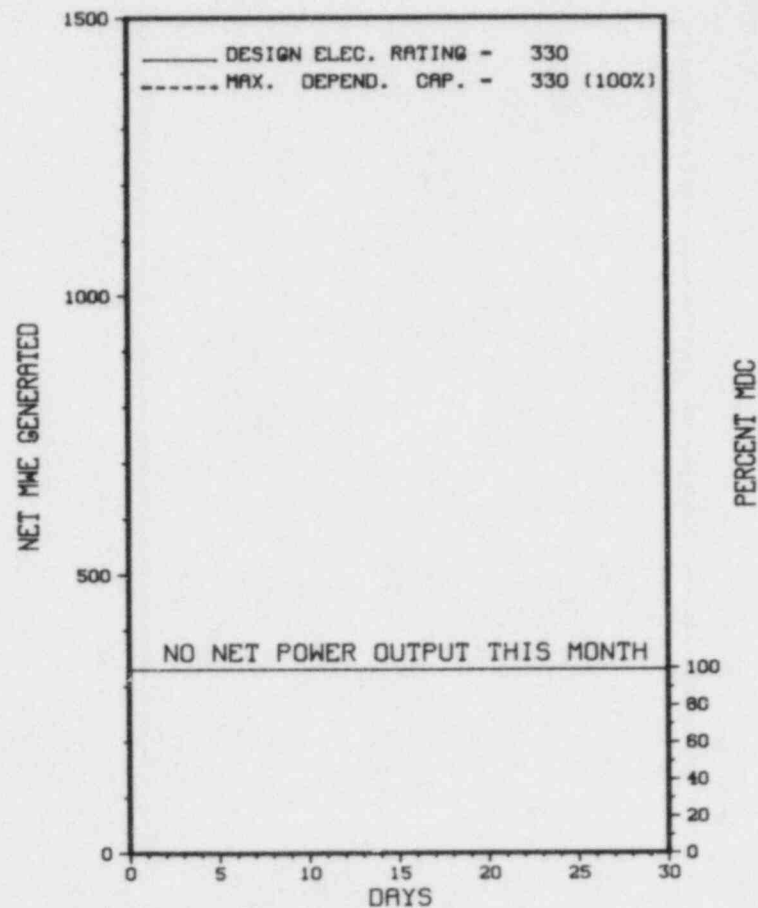
850701 THROUGH 850801, 744 HOURS.

27. If Currently Shutdown Estimated Startup Date: 08/01/85

* FORT ST VRAIN *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FORT ST VRAIN



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* FORT ST VRAIN *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-006	07/01/84	F	720.0	A	4	267/84-008	AA	JC	CONTROL ROD REFURBISHMENT AND CIRCULATOR BOLTING CHANGEDOUT CONTINUES.

* SUMMARY *

FORT ST. VRAIN REMAINS SHUTDOWN IN A CONTINUING REPAIR OUTAGE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* FORT ST VRAIN *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....COLORADO
COUNTY.....WELD
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...35 MI N OF
DENVER, COL
TYPE OF REACTOR.....HTGR
DATE INITIAL CRITICALITY...JANUARY 31, 1974
DATE ELEC ENER 1ST GENER...DECEMBER 11, 1976
DATE COMMERCIAL OPERATE....JULY 1, 1979
CONDENSER COOLING METHOD...COOLING TOWER
CONDENSER COOLING WATER....S. PLATTE RIVER
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....PUBLIC SERVICE OF COLORADO
CORPORATE ADDRESS.....P.O. BOX 840
DENVER, COLORADO 80201
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ATOMIC CORP.
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....IV
IE RESIDENT INSPECTOR.....R. FARRELL
LICENSING PROJ MANAGER....P. WAGNER
DOCKET NUMBER.....50-267
LICENSE & DATE ISSUANCE...DPR-34, DECEMBER 21, 1973
PUBLIC DOCUMENT ROOM.....GREELEY PUBLIC LIBRARY
CITY COMPLEX BUILDING
GREELEY, COLORADO 80631

INSPECTION STATUS

INSPECTION SUMMARY

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

"A" HELIUM CIRCULATOR HAS BEEN INSTALLED AND "B" HELIUM CIRCULATOR IS BEING REMOVED DUE TO CIRCULATOR BOLTING STRESS CORROSION CRACKING AS IDENTIFIED IN LER 85-002.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* FORT ST VRAIN *

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

REACTOR IS IN A REFUELING MODE FOR CRD REFURBISHMENT

LAST IE SITE INSPECTION DATE: MARCH 4-8, 1985

INSPECTION REPORT NO: 50-267/85-05

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE			

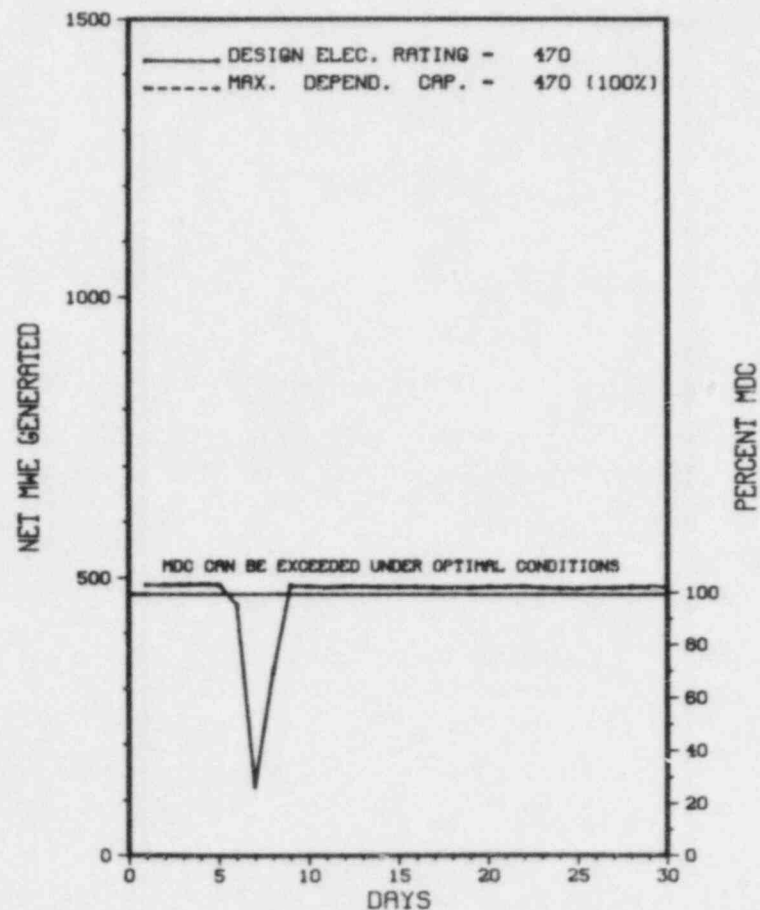
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1. Docket: 50-244 O P E R A T I N G S T A T U S

* GINNA *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

GINNA



JUNE 1985

* Item calculated with a Weighted Average

PAGE 2-128

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: ANDREW MC NAMARA (315) 524-4446

4. Licensed Thermal Power (MWh): 1520

5. Nameplate Rating (Gross MWe): 608 X 0.85 = 517

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:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>136,703.0</u>
13. Hours Reactor Critical	<u>709.2</u>	<u>3,452.1</u>	<u>103,900.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,687.7</u>
15. Hrs Generator On-Line	<u>705.7</u>	<u>3,337.7</u>	<u>101,629.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>8.5</u>
17. Gross Therm Ener (MWH)	<u>1,034,760</u>	<u>4,895,304</u>	<u>141,180,665</u>
18. Gross Elec Ener (MWH)	<u>364,141</u>	<u>1,653,185</u>	<u>46,138,593</u>
19. Net Elec Ener (MWH)	<u>329,302</u>	<u>1,553,739</u>	<u>43,736,761</u>
20. Unit Service Factor	<u>98.0</u>	<u>76.9</u>	<u>74.3</u>
21. Unit Avail Factor	<u>98.0</u>	<u>76.9</u>	<u>74.3</u>
22. Unit Cap Factor (MDC Net)	<u>97.3</u>	<u>76.1</u>	<u>69.7*</u>
23. Unit Cap Factor (DER Net)	<u>97.3</u>	<u>76.1</u>	<u>69.7*</u>
24. Unit Forced Outage Rate	<u>2.0</u>	<u>2.7</u>	<u>7.4</u>
25. Forced Outage Hours	<u>14.3</u>	<u>92.3</u>	<u>4,191.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * GINNA *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-05	06/06/85	F	14.3	B	3	85-14	IA	INSTRU	EVENT WAS CAUSED BY THE GROUNDING OF AN INSTRUMENT BUS THROUGH THE USE OF A SOLDERING IRON. TO PREVENT RECURRENCE CALIBRATION AND MAINTENANCE PROCEDURES WERE REVISED.

 * SUMMARY *

GINNA OPERATED WITH 1 OUTAGE FOR MAINTENANCE DURING THE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* GINNA *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEW YORK
COUNTY.....WAYNE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...15 MI NE OF
ROCHESTER, NY
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...NOVEMBER 8, 1969
DATE ELEC ENER 1ST GENER...DECEMBER 2, 1969
DATE COMMERCIAL OPERATE...JULY 1, 1970
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LAKE ONTARIO
ELECTRIC RELIABILITY
COJNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....ROCHESTER GAS & ELECTRIC
CORPORATE ADDRESS.....89 EAST AVENUE
ROCHESTER, NEW YORK 14604
CONTRACTOR
ARCHITECT/ENGINEER.....GILBERT ASSOCIATES
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....W. COOK
LICENSING PROJ MANAGER.....C. MILLER
DOCKET NUMBER.....50-244
LICENSE & DATE ISSUANCE...DPR-18, DECEMBER 10, 1984
PUBLIC DOCUMENT ROOM.....ROCHESTER PUBLIC LIBRARY
BUSINESS AND SOCIAL SCIENCE DIVISION
115 SOUTH AVENUE
ROCHESTER, NEW YORK 14604

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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1. Docket: 50-416 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. G. CESARE (601) 969-2585

4. Licensed Thermal Power (MWt): 3833

5. Nameplate Rating (Gross MWe): 1372

6. Design Electrical Rating (Net MWe): 1250

7. Maximum Dependable Capacity (Gross MWe): 1250

8. Maximum Dependable Capacity (Net MWe): 1250

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:

NONE

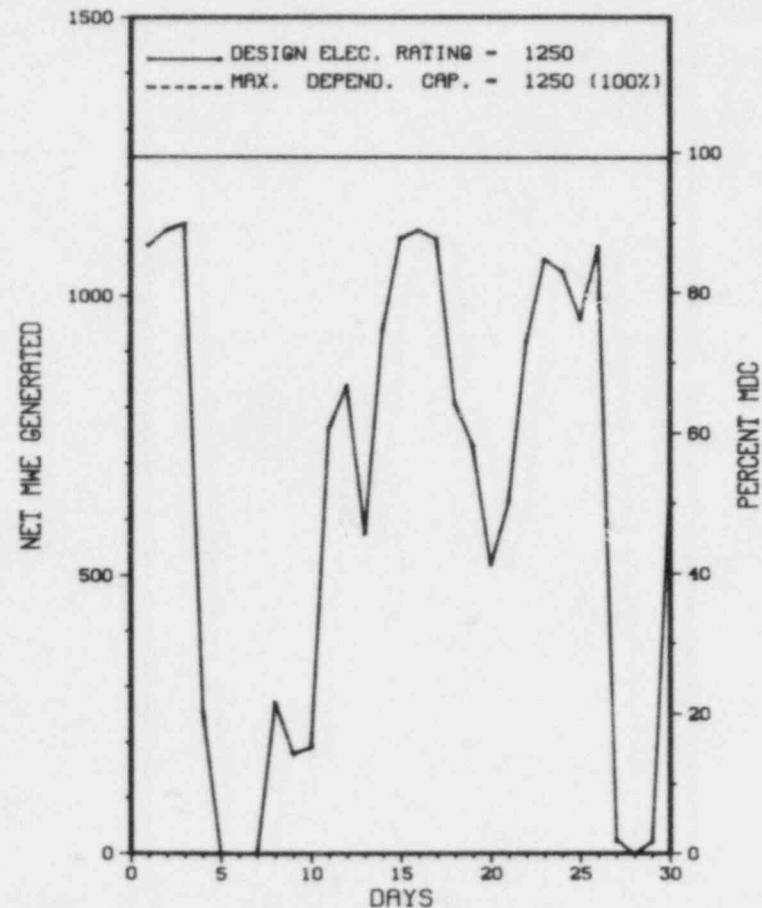
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>6,080.0</u>
13. Hours Reactor Critical	<u>623.0</u>	<u>2,831.7</u>	<u>3,841.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>564.4</u>	<u>2,351.4</u>	<u>3,054.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,574,062</u>	<u>5,995,522</u>	<u>6,875,662</u>
18. Gross Elec Ener (MWH)	<u>485,180</u>	<u>1,782,900</u>	<u>1,979,420</u>
19. Net Elec Ener (MWH)	<u>458,181</u>	<u>1,656,582</u>	<u>1,821,563</u>
20. Unit Service Factor			
21. Unit Avail Factor		NOT IN	
22. Unit Cap Factor (MDC Net)		COMMERCIAL	
23. Unit Cap Factor (DER Net)		OPERATION	
24. Unit Forced Outage Rate			
25. Forced Outage Hours	<u>155.6</u>	<u>1,586.9</u>	<u>2,351.5</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>FALL OUTAGE, OCTOBER 4, 1985, 49 DAYS.</u>		

27. If Currently Shutdown Estimated Startup Date: N/A

* GRAND GULF 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

GRAND GULF 1



JUNE 1985

* Item calculated with a Weighted Average

PAGE 2-132

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * GRAND GULF 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-14	06/04/85	F	89.5	H	3	85-021	ZZ	ZZZZZZ	CONDENSER VACUUM WAS LOST WHEN THE SUCTION VALVE OF STEAM JET AIR EJECTOR "A" CLOSED DUE TO LOW FLOW SIGNALS. THIS RESULTED IN A TURBINE TRIP DUE TO LOW VACUUM AND REACTOR SCRAM. ELEVEN SRV'S LIFTED TO CONTROL REACTOR PRESSURE.
85-15	06/27/85	F	66.1	A	2	85-024	SN	LS	THE REACTOR WAS MANUALLY SCRAMMED WHEN CONDENSATE PUMPS AND FEEDPUMPS TRIPPED DUE TO LOW WATER LEVEL IN THE CONDENSER HOTWELL.

 * SUMMARY *

GRAND GULF 1 OPERATED WITH 2 OUTAGES DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* GRAND GULF 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MISSISSIPPI
COUNTY.....CLAIBORNE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 MI S OF
VICKSBURG, MISS
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...AUGUST 18, 1982
DATE ELEC ENER 1ST GENER...OCTOBER 20, 1984
DATE COMMERCIAL OPERATE...*****
CONDENSER COOLING METHOD...CCHNDCT
CONDENSER COOLING WATER...MISSISSIPPI RIVER
ELECTRIC RELIABILITY
COUNCIL.....SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....MISSISSIPPI POWER & LIGHT COMPANY
CORPORATE ADDRESS.....P.O. BOX 1640
JACKSON, MISSISSIPPI 39205
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....ALLIS-CHALMERS

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....R. BUTCHER
LICENSING PROJ MANAGER.....L. KINTNER
DOCKET NUMBER.....50-416
LICENSE & DATE ISSUANCE....NPF-29, NOVEMBER 1, 1984
PUBLIC DOCUMENT ROOM.....HINDS JUNIOR COLLEGE
MC LENDON LIBRARY
RAYMOND, MISSISSIPPI 39154

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION AUGUST 15-19 (83-45): THIS SPECIAL, ANNOUNCED INSPECTION INVOLVED 18 INSPECTOR-HOURS ONSITE IN THE AREA OF REVIEWING TRAINING REGRDS FOR NRC LICENSED OPERATORS. THE RESULTS OF THIS INSPECTION ALONG WITH THOSE DOCUMENTED IN THE OFFICE OF INVESTIGATIONS REPORTS 2-83-037 AND 2-84-005, AND NRC INSPECTION REPORT 416/84-07, PROVIDE THE BASES FOR THE MULTIPLE VIOLATIONS CITED IN ESCALATED ENFORCEMENT ACTION (EA) 84-23 WHICH WAS TRANSMITTED TO MP&L ON JUNE 3, 1985.

INSPECTION MAY 6-10 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 47.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF EMERGENCY PREPAREDNESS. OF THE AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED - FAILURE TO PROVIDE TRAINING FOR OFFSITE SUPPORT AGENCIES.

INSPECTION MAY 17-18 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 14 INSPECTOR-HOURS ONSITE IN THE AREAS OF STARTUP TEST WITNESSING AND FOLLOWUP ON PREVIOUSLY IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-19): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF TURBINE BYPASS LINE INDICATIONS (UNIT 1), RESIDUAL HEAT REMOVAL (RHR) HEAT EXCHANGER VENT LINE BREAK (UNIT 1), INSERVICE TESTING (IST) OF PUMPS AND VALVES (UNIT 1), ASME CODE WELDING (UNIT 2), NONDESTRUCTIVE EXAMINATION (NDE) ACTIVITIES (UNIT 2), SAFETY-RELATED PIPING ACTIVITIES (UNIT 2), CONTAINMENT STRUCTURAL STEEL WELDING (UNIT 2), AND IE BULLETINS (UNITS 1 AND 2). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION STATUS - (CONTINUED)

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL IT TMS:

NONE.

PLANT STATUS:

CONDUCTING POWER ASCENSION TESTING.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-416/85-19 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-013	04/03/85	05/03/85	REACTOR SCRAM ON HIGH WATER LEVEL, A FAILED LEVEL CHANNEL SELECTOR SWITCH CAUSED AN INCORRECT LEVEL SIGNAL.
85-015	04/04/85	05/03/85	INADVERTENT RCIC ISOLATION, WITH THE SWITCH IN NORMAL THE CIRCUITRY INITIATED AN RCIC ISOLATION.
85-017	04/12/85	05/13/85	EMERGENCY FILTRATION SYSTEM CHARCOAL ABSORBER TEST NOT PERFORMED, PROCEDURES ARE BEING REVISED TO PRECLUDE RECURRENCE.
85-019	05/17/85	06/17/85	RWCU ISOLATIONS, THE OPERATOR WHO LAST MANIPULATED THE VALVES RESIGNED FOR OTHER REASONS.

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. P. DRAGO (203) 267-2556 X452

4. Licensed Thermal Power (MWt): 1825

5. Nameplate Rating (Gross MWe): 667 X 0.9 = 600

6. Design Electrical Rating (Net MWe): 582

7. Maximum Dependable Capacity (Gross MWe): 596

8. Maximum Dependable Capacity (Net MWe): 569

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>153,383.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,309.8</u>	<u>132,026.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,200.5</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,286.2</u>	<u>126,489.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>373.7</u>
17. Gross Therm Ener (MWH)	<u>1,298,329</u>	<u>7,574,192</u>	<u>219,761,375</u>
18. Gross Elec Ener (MWH)	<u>415,335</u>	<u>2,501,722</u>	<u>72,160,441</u>
19. Net Elec Ener (MWH)	<u>396,022</u>	<u>2,385,393</u>	<u>68,648,384</u>
20. Unit Service Factor	<u>100.0</u>	<u>98.7</u>	<u>82.5</u>
21. Unit Avail Factor	<u>100.0</u>	<u>98.7</u>	<u>82.7</u>
22. Unit Cap Factor (MDC Net)	<u>96.7</u>	<u>96.5</u>	<u>82.3*</u>
23. Unit Cap Factor (DER Net)	<u>94.5</u>	<u>94.4</u>	<u>77.0*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.3</u>	<u>5.7</u>
25. Forced Outage Hours	<u>.0</u>	<u>56.8</u>	<u>1,244.9</u>

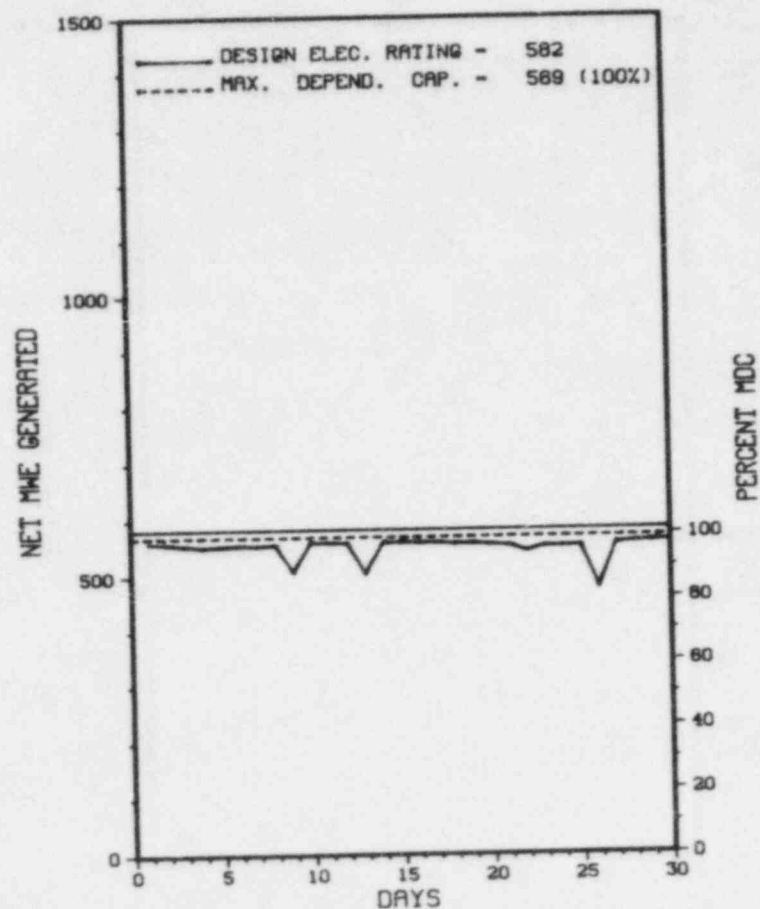
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* HADDAM NECK *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HADDAM NECK



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* HADDAM NECK *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

CONNECTICUT YANKEE HADDAM NECK OPERATED ROUTINELY DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* HADDAM NECK *

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

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CONNECTICUT
COUNTY.....MIDDLESEX
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...13 MI E OF
MERIDEN, CONN
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...JULY 24, 1967
DATE ELEC ENER 1ST GENER...AUGUST 7, 1967
DATE COMMERCIAL OPERATE....JANUARY 1, 1968
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...CONNECTICUT RIVER
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....CONNECTICUT YANKEE ATOMIC POWER
CORPORATE ADDRESS.....P.O. BOX 270
HARTFORD, CONNECTICUT 06101
CONTRACTOR
ARCHITECT/ENGINEER.....STONE & WEBSTER
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....STONE & WEBSTER
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....P. SWETLAND
LICENSING PROJ MANAGER.....F. AKSTULEWICZ
DOCKET NUMBER.....50-213
LICENSE & DATE ISSUANCE...DPR-61, DECEMBER 27, 1974
PUBLIC DOCUMENT ROOM.....RUSSELL LIBRARY
123 BROAD STREET
MIDDLETOWN, CONNECTICUT 06457

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* HADDAM NECK *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: MARK S. BOONE (912) 367-7851

4. Licensed Thermal Power (Mwt): 2436

5. Nameplate Rating (Gross MWe): 1000 X 0.85 = 850

6. Design Electrical Rating (Net MWe): 777

7. Maximum Dependable Capacity (Gross MWe): 801

8. Maximum Dependable Capacity (Net MWe): 752

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>83,255.0</u>
13. Hours Reactor Critical	<u>635.7</u>	<u>3,636.8</u>	<u>58,781.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>612.0</u>	<u>3,496.7</u>	<u>55,364.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,402,944</u>	<u>7,783,200</u>	<u>116,962,954</u>
18. Gross Elec Ener (MWH)	<u>457,440</u>	<u>2,558,240</u>	<u>37,804,770</u>
19. Net Elec Ener (MWH)	<u>436,540</u>	<u>2,442,468</u>	<u>35,890,278</u>
20. Unit Service Factor	<u>85.0</u>	<u>80.5</u>	<u>66.5</u>
21. Unit Avail Factor	<u>85.0</u>	<u>80.5</u>	<u>66.5</u>
22. Unit Cap Factor (MDC Net)	<u>80.6</u>	<u>74.8</u>	<u>57.3</u>
23. Unit Cap Factor (DER Net)	<u>78.0</u>	<u>72.4</u>	<u>55.5</u>
24. Unit Forced Outage Rate	<u>15.0</u>	<u>15.9</u>	<u>15.7</u>
25. Forced Outage Hours	<u>108.0</u>	<u>564.7</u>	<u>10,142.3</u>

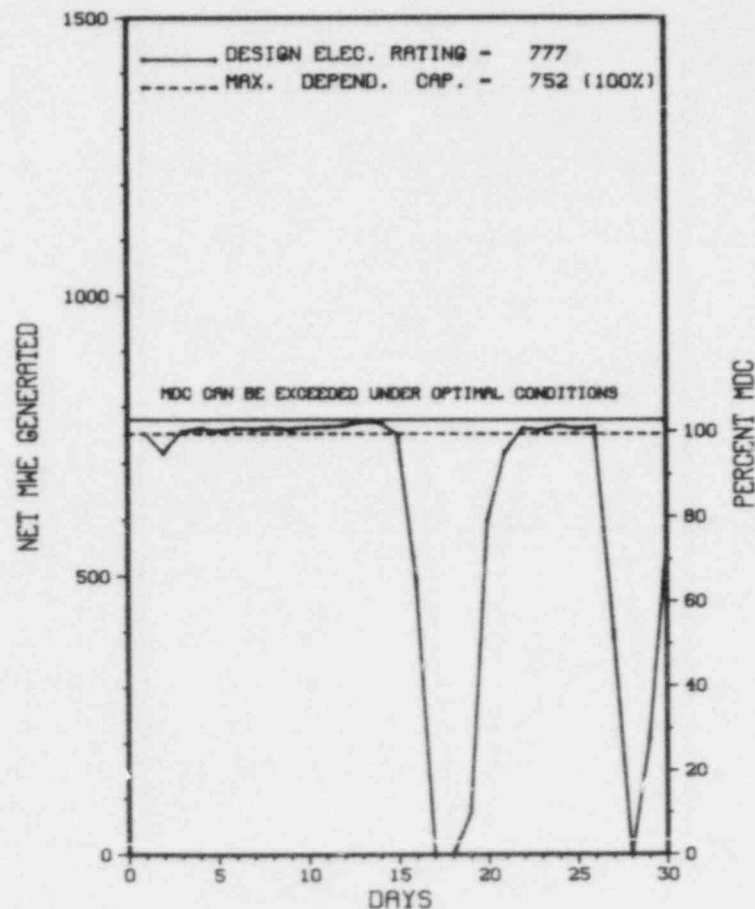
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
REFUELING OUTAGE: DECEMBER 1, 1985-10 TO 13 WKS.

27. If Currently Shutdown Estimated Startup Date: N/A

* HATCH 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HATCH 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * HATCH 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-46	06/01/85	S	0.0	B	5		ZZ	ZZZZZZ	MONTHLY SURVEILLANCE TESTING.
85-47	06/09/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TESTING.
85-48	06/14/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TESTING.
85-49	06/16/85	F	0.0	A	5		CD	VALVEX	REDUCING POWER TO REPAIR LEAKING MSIV'S.
85-50	06/16/85	F	71.0	A	2		CD	VALVEX	MANUAL SCRAM IN ORDER TO REPAIR LEAKING MSIV.
85-51	06/16/85	S	0.0	B	5		CD	VALVEX	RECOVERY FROM ABOVE SCRAM.
85-52	06/20/85	S	0.0	B	5		RC	CONROD	ROD PATTERN ADJUSTMENT.
85-53	06/20/85	S	0.0	B	5		CD	VALVEX	CONTINUING SCRAM RECOVERY.
85-54	06/20/85	F	0.0	A	5		CH	HEATER	HOLDING POWER TO REPAIR STEAM LEAK IN 7TH STAGE HEATER "B".
85-55	06/20/85	F	0.0	A	5		RC	INSTRU	HOLDING POWER TO REPAIR "A" TIP MACHINE.
85-56	06/21/85	S	0.0	B	5		CP	VALVEX	SCRAM RECOVERY CONTINUES.
85-57	06/22/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TEST.
85-58	06/27/85	F	37.0	G	3	1-85-26	EB	TRANSF	PERSONNEL ERROR ACTUATED FIRE SPRINKLER SYSTEM SPRAYING DOWN STARTUP TRANSFORMER 1C CAUSING 1A AND 1B BUSES TO TRIP. THIS CAUSED LOSS OF POWER TO BOTH RECIRC AND CIRC WATER PUMPS.
85-59	06/29/85	S	0.0	B	5		EB	TRANSF	SCRAM RECOVERY.
85-60	06/29/85	F	0.0	B	5		EB	TRANSF	HOLDING LOAD TO PUT UNIT AUX. TRANSFORMER BACK IN SERVICE.
85-61	06/29/85	S	0.0	B	5		EB	TRANSF	SCRAM RECOVERY CONTINUES.

 * SUMMARY *

 HATCH 1 OPERATED WITH 2 OUTAGES AND NUMEROUS REDUCTIONS LISTED IN DETAIL ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* HATCH 1 *

FACILITY DATA

Report Period JUN 1985

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
CORPORATE ADDRESS.....333 PIEDMONT AVENUE
ATLANTA, GEORGIA 30308
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....GEORGIA POWER CO.
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....P. HOLMES RAY
LICENSING PROJ MANAGER.....G. RIVENBARK
DOCKET NUMBER.....50-321
LICENSE & DATE ISSUANCE....DPR-57, OCTOBER 13, 1974
PUBLIC DOCUMENT ROOM.....APPLING COUNTY PUBLIC LIBRARY
301 CITY HALL DRIVE
BAXLEY, GEORGIA 31563

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 6-10 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 40 INSPECTOR-HOURS ONSITE IN THE AREAS OF CONTROL OF RADIOACTIVE MATERIAL, INTERNAL AND EXTERNAL DOSIMETRY, HEALTH PHYSICS TRAINING AND QUALIFICATIONS AND ALARA. THE INSPECTOR ALSO REVIEWED THE LICENSEE'S USE OF THE PCM-1 PORTAL MONITOR. OF THE FIVE AREAS INSPECTED, ONE VIOLATION WAS FOUND IN THE AREA OF CALIBRATION OF PERSONNEL CONTAMINATION PORTAL MONITORS.

INSPECTION APRIL 28 - MAY 24 (85-16): THIS INSPECTION INVOLVED 72 INSPECTOR-HOURS ONSITE IN THE AREAS OF TECHNICAL SPECIFICATION COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE PRACTICES, STATION AND CORPORATE MANAGEMENT PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES, REFUELING (UNIT 2), AND SURVEILLANCE ACTIVITIES. OF THE AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED IN THE AREA OF TECHNICAL SPECIFICATION COMPLIANCE (TESTING OF MOLDED CASE CIRCUIT BREAKERS, PARAGRAPH 7).

ENFORCEMENT SUMMARY

CONTRARY TO TECHNICAL SPECIFICATION 6.8.1.C, THE FOLLOWING FAILURES TO IMPLEMENT "BATTERY PILOT CELL SURVEILLANCE", HNP-1-3751-M FOR UNIT 1 AND HNP-2-3751 FOR UNIT 2, WERE IDENTIFIED DURING THE PERIODS OF SEPTEMBER 5 - DECEMBER 6, 1984 FOR UNIT 1 AND OF JANUARY 4 - MARCH 28, 1984 FOR UNIT 2: A. THE 125 VDC DIESEL GENERATOR BATTERIES AND 125/250 VDC STATION SERVICE BATTERIES FOR UNIT 1 AND 2, WHICH ARE RESPECTIVELY ADDRESSED IN TECHNICAL SPECIFICATION 4.8.1.1.3 AND 4.8.2.3.2, DID NOT USE THE ACTUALLY

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* HATCH 1 *

ENFORCEMENT SUMMARY

DETERMINED PILOT CELL VOLTAGE IN 21 INSTANCES; B. MATHEMATICAL ERRORS ON JANUARY 12 AND 18, 1984, RESULTED IN THE DETERMINATION OF SEVERAL WRONG CORRECTED SPECIFIC GRAVITIES FOR CLASS 1E UNIT 2 BATTERIES; AND C. INDICATION THAT THE SHIFT SUPERVISOR WAS NOTIFIED OF THE SURVEILLANCE COMPLETION WAS OMITTED ON OCTOBER 31, NOVEMBER 11, AND DECEMBER 12, 1984, FOR UNIT 1; AND ON JANUARY 12 AND 31, FEBRUARY 29, AND MARCH 6, 1984, FOR UNIT 2. CONTRARY TO TECHNICAL SPECIFICATION 6.8.1, DIESEL GENERATOR STANDBY OPERATING INSTRUCTIONS, WAS NOT PROPERLY IMPLEMENTED IN THAT ON 12 FEBRUARY 1985 TWO VALVES WERE FOUND OUT OF THE POSITION REQUIRED BY DATA PACKAGE 2 OF HNP-1-1670. THE LUBE OIL FILTER DRAIN VALVE (R43-F3012A) AND THE LUBE OIL STRAINER DRAIN VALVE (R43-F3013A) WERE REQUIRED TO BE SHUT AND WERE FOUND OPEN. DATA PACKAGE 2 REQUIRES INDEPENDENT VERIFICATION FOR THE VALVE LINE UP. TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED COVERING THE APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX A OF REGULATORY GUIDE 1.33, REVISION 2, FEBRUARY 1978. REGULATORY GUIDE 1.33 REQUIRES RADIATION PROTECTION PROCEDURES INCLUDING PROCEDURES FOR CONTAMINATION CONTROL. E.I. HATCH NUCLEAR PLANT PROCEDURE NUMBER HNP-8161, EBERLINE MODEL PCM-1 PORTAL MONITOR OPERATION AND CALIBRATION SECTION (G)(3)(I), REQUIRES THAT THE DETECTOR HIGH VOLTAGE BE INCREASED TO A VALUE WHICH IS MIDWAY ON THE MEASURED BETA PLATEAU. THE EBERLINE MODEL PCM-1 IS AN INSTRUMENT USED TO FRISK PERSONNEL FOR CONTAMINATION. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO MEET THE PROCEDURAL REQUIREMENT TO INCREASE THE DETECTOR HIGH VOLTAGE TO A VALUE WHICH WAS MIDWAY ON THE MEASURED BETA PLATEAU IN THAT PCM #102 AND PCM #108 HAD HIGH VOLTAGES WHICH WERE SET 150 VOLTS AND 50 VOLTS, RESPECTIVELY, BELOW THE KNEE OF THE BETA PLATEAU. CONTRARY TO TECHNICAL SPECIFICATION 6.8.1.C, THE FOLLOWING FAILURES TO IMPLEMENT "BATTERY PILOT CELL SURVEILLANCE", HNP-1-3751-M FOR UNIT 1 AND HNP-2-3751 FOR UNIT 2, WERE IDENTIFIED DURING THE PERIODS OF SEPTEMBER 5 - DECEMBER 6, 1984 FOR UNIT 1 AND OF JANUARY 4 - MARCH 28, 1984 FOR UNIT 2: A. THE 125 VDC DIESEL GENERATOR BATTERIES AND 125/250 VDC STATION SERVICE BATTERIES FOR UNIT 1 AND 2, WHICH ARE RESPECTIVELY ADDRESSED IN TECHNICAL SPECIFICATION 4.8.1.1.3 AND 4.8.2.3.2, DID NOT USE THE ACTUALLY DETERMINED PILOT CELL VOLTAGE IN 21 INSTANCES; B. MATHEMATICAL ERRORS ON JANUARY 12 AND 18, 1984, RESULTED IN THE DETERMINATION OF SEVERAL WRONG CORRECTED SPECIFIC GRAVITIES FOR CLASS 1E UNIT 2 BATTERIES; AND C. INDICATION THAT THE SHIFT SUPERVISOR WAS NOTIFIED OF THE SURVEILLANCE COMPLETION WAS OMITTED ON OCTOBER 31, NOVEMBER 11, AND DECEMBER 12, 1984, FOR UNIT 1; AND ON JANUARY 12 AND 31, FEBRUARY 29, AND MARCH 6, 1984, FOR UNIT 2. TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED COVERING THE APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX A OF REGULATORY GUIDE 1.33, REVISION 2, FEBRUARY 1978. REGULATORY GUIDE 1.33 REQUIRES RADIATION PROTECTION PROCEDURES INCLUDING PROCEDURES FOR CONTAMINATION CONTROL. E.I. HATCH NUCLEAR PLANT PROCEDURE NUMBER HNP-8161, EBERLINE MODEL PCM-1 PORTAL MONITOR OPERATION AND CALIBRATION SECTION (G)(3)(I), REQUIRES THAT THE DETECTOR HIGH VOLTAGE BE INCREASED TO A VALUE WHICH IS MIDWAY ON THE MEASURED BETA PLATEAU. THE EBERLINE MODEL PCM-1 IS AN INSTRUMENT USED TO FRISK PERSONNEL FOR CONTAMINATION. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO MEET THE PROCEDURAL REQUIREMENT TO INCREASE THE DETECTOR HIGH VOLTAGE TO A VALUE WHICH WAS MIDWAY ON THE MEASURED BETA PLATEAU IN THAT PCM #102 AND PCM #108 HAD HIGH VOLTAGES WHICH WERE SET 150 VOLTS AND 50 VOLTS, RESPECTIVELY, BELOW THE KNEE OF THE BETA PLATEAU. (8501 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

INSPECTION STATUS - (CONTINUED)

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*          HATCH 1          *  
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OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: APRIL 28 - MAY 24, 1985 +

INSPECTION REPORT NO: 50-321/85-16 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-011	04/24/85	05/21/85	STANDBY GAS TREATMENT AUTO INITIATION, DUE TO INADEQUATE SPECIAL INSTRUCTIONS.
85-012	03/24/85	04/19/85	PRIMARY CONTAINMENT ISOLATION VALVE UNPLANNED ISOLATION, REPLACE MANUAL ISOLATION VALVES WITH AIR-OPERATED ISOLATION VALVES.
85-016	05/19/85	06/07/85	RCIC FAILURE TO DELIVER RATED FLOW, CONTROL CIRCUIT BOARD FAILED.
85-017	05/15/85	05/28/85	POSSIBLE CABLE TRAY SUPPORT SEISMIC OVERLOADING IN AN EARTHQUAKE, DESIGN ERROR BY THE ARCHITECT/ENGINEER.
85-018	05/15/85	06/14/85	MANUAL REACTOR SCRAM DUE TO SAFETY RELIEF VALVE REMAINING OPEN, DUE TO ACTIVATION OF THE FIRE PROTECTION DELUGE SYSTEM.
85-019	04/03/85	05/02/85	RWCU ISOLATION ON HIGH TEMP, DUE TO HIGH AMBIENT TEMP.
85-020	04/15/85	05/14/85	PROCEDURAL ERROR WITH RESPECT TO T.S.
85-022	05/27/85	06/20/85	RWCU ISOLATION ON HIGH TEMPERATURE, CAUSED BY INADEQUATE VENTILATION AIR FLOW.

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: MARK S. BOONE (912) 367-7851

4. Licensed Thermal Power (MWt): 2436

5. Nameplate Rating (Gross MWe): 1000 X 0.85 = 850

6. Design Electrical Rating (Net MWe): 784

7. Maximum Dependable Capacity (Gross MWe): 804

8. Maximum Dependable Capacity (Net MWe): 748

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>51,024.0</u>
13. Hours Reactor Critical	<u>711.6</u>	<u>3,114.5</u>	<u>33,462.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>701.4</u>	<u>3,036.3</u>	<u>31,803.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,681,056</u>	<u>7,080,312</u>	<u>68,631,935</u>
18. Gross Elec Ener (MWH)	<u>555,380</u>	<u>2,358,150</u>	<u>22,651,200</u>
19. Net Elec Ener (MWH)	<u>532,218</u>	<u>2,251,976</u>	<u>21,546,043</u>
20. Unit Service Factor	<u>97.4</u>	<u>69.9</u>	<u>62.3</u>
21. Unit Avail Factor	<u>97.4</u>	<u>69.9</u>	<u>62.3</u>
22. Unit Cap Factor (MDC Net)	<u>98.8</u>	<u>69.3</u>	<u>56.5</u>
23. Unit Cap Factor (DER Net)	<u>94.3</u>	<u>66.1</u>	<u>53.9</u>
24. Unit Forced Outage Rate	<u>2.6</u>	<u>3.8</u>	<u>10.6</u>
25. Forced Outage Hours	<u>18.6</u>	<u>121.3</u>	<u>3,785.7</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

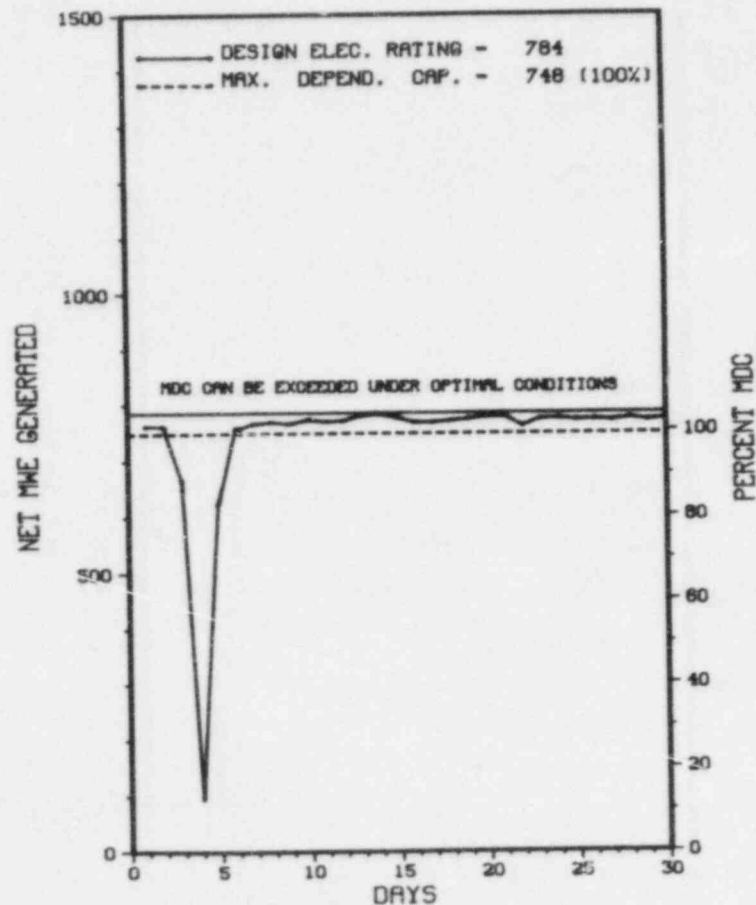
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* HATCH 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HATCH 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * HATCH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-31	06/03/85	F	18.6	A	3		HJ	TURBIN	TRUBINE TRIP ON HIGH MSR LEVEL.
85-32	06/04/85	S	0.0	B	5		HJ	TURBIN	RECOVERY FROM ABOVE SCRAM.
85-33	06/09/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TESTING.
85-34	06/16/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TESTING.
85-35	06/22/85	S	0.0	B	5		HA	TURBIN	WEEKLY TURBINE TESTING.

 * SUMMARY *

HATCH 2 OPERATED WITH 1 OUTAGE AND 4 REDUCTIONS DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* HATCH 2 *

FACILITY DATA

Report Period JUN 1985

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 4, 1978
DATE ELEC ENER 1ST GENER...SEPTEMBER 22, 1978
DATE COMMERCIAL OPERATE...SEPTEMBER 5, 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
CORPORATE ADDRESS.....333 PIEDMONT AVENUE
ATLANTA, GEORGIA 30308
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....GEORGIA POWER CO.
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....P. HOLMES RAY
LICENSING PROJ MANAGER.....G. RIVENBARK
DOCKET NUMBER.....50-366
LICENSE & DATE ISSUANCE...NPF-5, JUNE 13, 1978
PUBLIC DOCUMENT ROOM.....APPLING COUNTY PUBLIC LIBRARY
301 CITY HALL DRIVE
BAXLEY, GEORGIA 31563

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 6-10 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 40 INSPECTOR-HOURS ONSITE IN THE AREAS OF CONTROL OF RADIOACTIVE MATERIAL, INTERNAL AND EXTERNAL DOSIMETRY, HEALTH PHYSICS TRAINING AND QUALIFICATIONS AND ALARA. THE INSPECTOR ALSO REVIEWED THE LICENSEE'S USE OF THE PCM-1 PORTAL MONITOR. OF THE FIVE AREAS INSPECTED, ONE VIOLATION WAS FOUND IN THE AREA OF CALIBRATION OF PERSONNEL CONTAMINATION PORTAL MONITORS.

INSPECTION APRIL 28 - MAY 24 (85-16): THIS INSPECTION INVOLVED 72 INSPECTOR-HOURS ONSITE IN THE AREAS OF TECHNICAL SPECIFICATION COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE PRACTICES, STATION AND CORPORATE MANAGEMENT PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES, REFUELING (UNIT 2), AND SURVEILLANCE ACTIVITIES. OF THE AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED IN THE AREA OF TECHNICAL SPECIFICATION COMPLIANCE (TESTING OF MOLDED CASE CIRCUIT BREAKERS, PARAGRAPH 7).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* HATCH 2 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

TWO MONTHS REFUELING AND MAINTENANCE OUTAGE AS OF APRIL 9-12, 1985.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

ROUTINE OPERATIONS.

LAST IE SITE INSPECTION DATE: APRIL 28 - MAY 16, 1985 +

INSPECTION REPORT NO: 50-366/85-16 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-002	04/29/85	05/29/85	REACTOR PROTECTION SYSTEM LOGIC ACTUATION, RPS SHORTING LINKS REMOVED, MAKING UNPLANNED ACTUATIONS MORE PREVALENT.
85-014	05/10/85	06/07/85	ESF ACTUATION DUE TO AN INADEQUATE PROCEDURE. ALL THE STEPS SHOULD HAVE BEEN PERFORMED IN LESS THAN 2 MINUTES.
85-016	04/25/85	05/21/85	MAIN STEAM SRV OUT OF TOLERANCE, VALVE PILOT SETPOINT DRIFT.
85-017	04/30/85	05/30/85	MOLDED CASE BREAKER SETPOINTS OUTSIDE OF T.S., DUE TO INADEQUATE INSTRUCTIONS.
85-019	04/29/85	05/27/85	UNPLANNED ISOLATION OF REACTOR WATER CLEANUP VALVE, DUE TO AN INCORRECTLY LABELED RESISTANCE TEMPERATURE DETECTOR.
85-024	05/16/85	06/12/85	FAILURE OF RCIC'S OVERSPEED TRIP DEVICE, THE FAILED COMPONENTS WERE REPLACED.
85-026	05/24/85	06/20/85	REACTOR SCRAM DUE TO MSIVS NOT FULLY OPEN, THE NITROGEN INERTING SYSTEM HAD BEEN PREVIOUSLY CLOSED.

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: MIKE BLATT (914) 526-5127

4. Licensed Thermal Power (MWt): 2758

5. Nameplate Rating (Gross MWe): 1126 X 0.9 = 1013

6. Design Electrical Rating (Net MWe): 873

7. Maximum Dependable Capacity (Gross MWe): 885

8. Maximum Dependable Capacity (Net MWe): 849

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any:

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>96,432.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,274.4</u>	<u>64,940.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>28.7</u>	<u>2,373.7</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,202.3</u>	<u>62,952.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,959,368</u>	<u>11,384,556</u>	<u>164,096,811</u>
18. Gross Elec Ener (MWH)	<u>618,350</u>	<u>3,610,900</u>	<u>50,928,516</u>
19. Net Elec Ener (MWH)	<u>595,509</u>	<u>3,480,008</u>	<u>47,993,827</u>
20. Unit Service Factor	<u>100.0</u>	<u>96.8</u>	<u>65.3</u>
21. Unit Avail Factor	<u>100.0</u>	<u>96.8</u>	<u>65.3</u>
22. Unit Cap Factor (MDC Net)	<u>97.4</u>	<u>93.6</u>	<u>58.7*</u>
23. Unit Cap Factor (DER Net)	<u>94.7</u>	<u>91.8</u>	<u>57.0</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>3.2</u>	<u>9.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>140.7</u>	<u>6,309.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

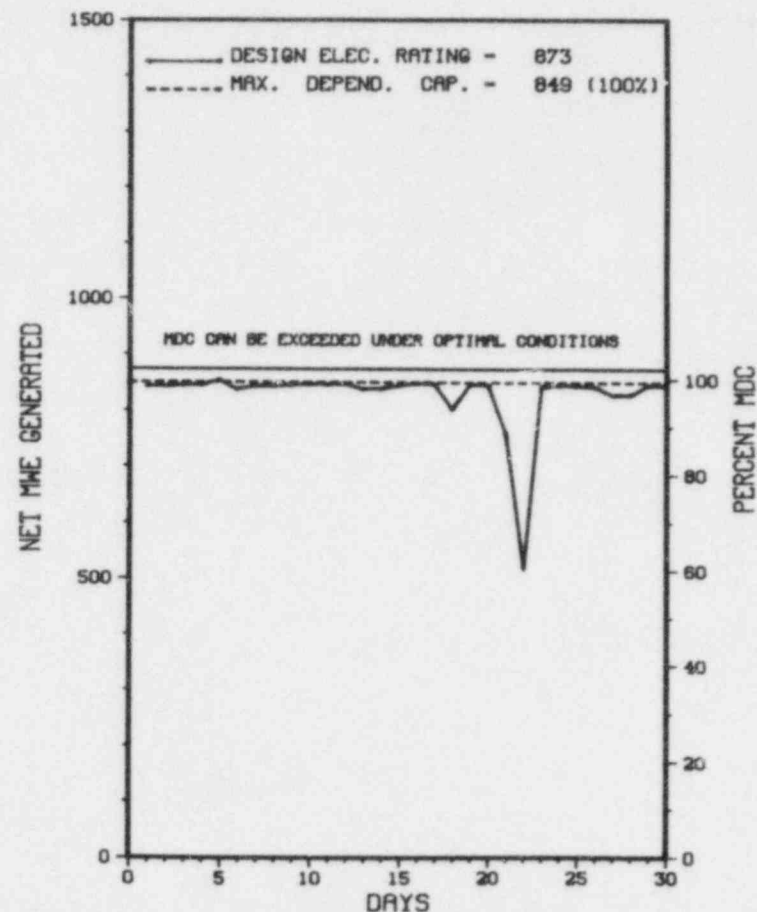
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* INDIAN POINT 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

INDIAN POINT 2



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * INDIAN POINT 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
	06/22/85	S	0.0	B	5		CH	VALVEX	TURBINE STOP VALVE TESTING.

 * SUMMARY *

 INDIAN POINT 2 OPERATED WITH 1 REDUCTION FOR TESTING DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* INDIAN POINT 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEW YORK
COUNTY.....WESTCHESTER
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 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 1, 1974
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...HUDSON RIVER
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....CONSOLIDATED EDISON
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.....I
IE RESIDENT INSPECTOR.....D. NEIGHBORS
LICENSING PROJ MANAGER.....D. NEIGHBORS
DOCKET NUMBER.....50-247
LICENSE & DATE ISSUANCE...DPR-26, SEPTEMBER 28, 1973
PUBLIC DOCUMENT ROOM.....WHITE PLAINS PUBLIC LIBRARY
100 MARTINE AVENUE
WHITE PLAINS, NEW YORK 10601

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

10 CFR 20.201 "SURVEYS", REQUIRES THE LICENSEE TO PERFORM SURVEYS (EVALUATIONS OF THE RADIATION HAZARDS INCIDENT TO THE PRESENCE OF RADIOACTIVE MATERIALS) AS NECESSARY TO COMPLY WITH THE REGULATIONS OF THIS PART. CONTRARY TO THE ABOVE, ON JULY 14, 1984, THE LICENSEE PERFORMED SAMPLING OF AIRBORNE RADIOACTIVITY TO SUPPORT THE WORK OF TWO INDIVIDUALS COMPACTING DRY RADIOACTIVE WASTE IN ACCORDANCE WITH RADIATION WORK PERMIT 8217. THROUGH THE AIR SAMPLE ANALYSIS INDICATED THE PRESENCE OF ALPHA ACTIVITY, THE LICENSEE FAILED TO EVALUATE THIS RADIATION HAZARD AND CONSEQUENTLY FAILED TO TAKE PROMPT ACTION TO ESTIMATED PERSONNEL EXPOSURE DUE TO ALPHA OR TRANSURANTIC ACTIVITY IN ACCORDANCE WITH 10 CFR 20.103, "EXPOSURE OF INDIVIDUALS TO CONCENTRATIONS OF RADIOACTIVE MATERIALS IN AIR IN RESTRICTED AREAS." THIS IS A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT IV). 10 CFR 19.12, "INSTRUCTIONS TO WORKERS", REQUIRES THE LICENSEE TO PROVIDE INSTRUCTIONS TO PERSONNEL IN PRECAUTIONS AND PROCEDURES TO MINIMIZE EXPOSURE TO RADIATION AND RADIOACTIVE MATERIALS. CONTRARY TO THE ABOVE, ON JULY 14, 1984, TWO INDIVIDUALS WERE DIRECTED TO COMPACT DRY RADIOACTIVE WASTE IN ACCORDANCE WITH RADIATION WORK PERMIT 8217, BUT WERE NOT ADEQUATELY INSTRUCTED IN PRECAUTIONS AND PROCEDURES TO MINIMIZE THEIR EXPOSURE TO RADIATION AND RADIOACTIVE MATERIAL. CONSEQUENTLY, THE INDIVIDUALS CONDUCT IN THE AREA RESULTED IN CREATING AN AIRBORNE RADIOLOGICAL HAZARD AND THEIR UNPLANNED INTAKE OF RADIOACTIVE MATERIALS. THIS IS A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT IV). ATTACHMENT 1 TO "ORDER CONFIRMING LICENSEE COMMITMENTS ON POST-TMI RELATED ISSUED" INDICATED THAT THE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* INDIAN POINT 2 *

ENFORCEMENT SUMMARY

ACTIONS PERTAINING TO THE CAPABILITY FOR EFFLUENT MONITORING OF RADIOIODINE AND PARTICULATES, AND THE INSTALLATION OF CONTAINMENT RADIATION LEVEL MONITORS WERE COMPLETED (PURSUANT TO THE CRITERIA SPECIFIED IN NUREG-0737, ITEM II.F.1) ON JANUARY 1, 1982. CONTRARY TO THE ABOVE, AS OF OCTOBER 10, 1984: 1) THE LICENSEE'S INSTALLATION FOR EFFLUENT MONITORING OF PARTICULATES AND RADIOIODINE APPEARED INSUFFICIENT TO PROVIDE REPRESENTATIVE SAMPLES OF EFFLUENT RELEASE AS SPECIFIED IN THE ORDER RELATIVE TO NUREG-0737, ITEM II.F.1-2; NOR WAS THE SYSTEM VERIFIED OR VALIDATED TO PROVIDE FOR SUCH CAPABILITY AS STATED IN THE DESIGN CRITERIA. 2) THE LICENSEE'S INSTALLATION OF HIGH RADIATION MONITORING CHANNELS IN THE CONTAINMENT WAS INSUFFICIENT IN THAT THE DETECTORS WERE NOT WIDELY SEPARATED SO AS TO PROVIDE INDEPENDENT MEASUREMENTS OF WIDELY SEPARATED SPACES WITHIN THE CONTAINMENT, DID NOT VIEW A LARGE FRACTION OF THE CONTAINMENT VOLUME, AND WERE NOT INSTALLED SUFFICIENTLY TO BE ENVIRONMENTALLY QUALIFIED FOR POST ACCIDENT CONDITIONS. THE MONITORS WERE LOCATED WITHIN 14 FEET OF EACH OTHER, VIEWED ONLY ABOUT 30% OF THE CONTAINMENT VOLUME, MONITORED THE SAME SPACE, AND WERE NOT PROVIDED WITH THE CABLE CONNECTOR INSULATION THAT WAS NECESSARY FOR ENVIRONMENTAL QUALIFICATION OF THE EQUIPMENT. THIS IS A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT I).
(8401 4)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST 1E SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NO INPUT PROVIDED.			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: L. KELLY (914) 739-8200

4. Licensed Thermal Power (Mwt): 3025

5. Nameplate Rating (Gross MWe): 1126 X 0.9 = 1013

6. Design Electrical Rating (Net MWe): 965

7. Maximum Dependable Capacity (Gross MWe): 1000

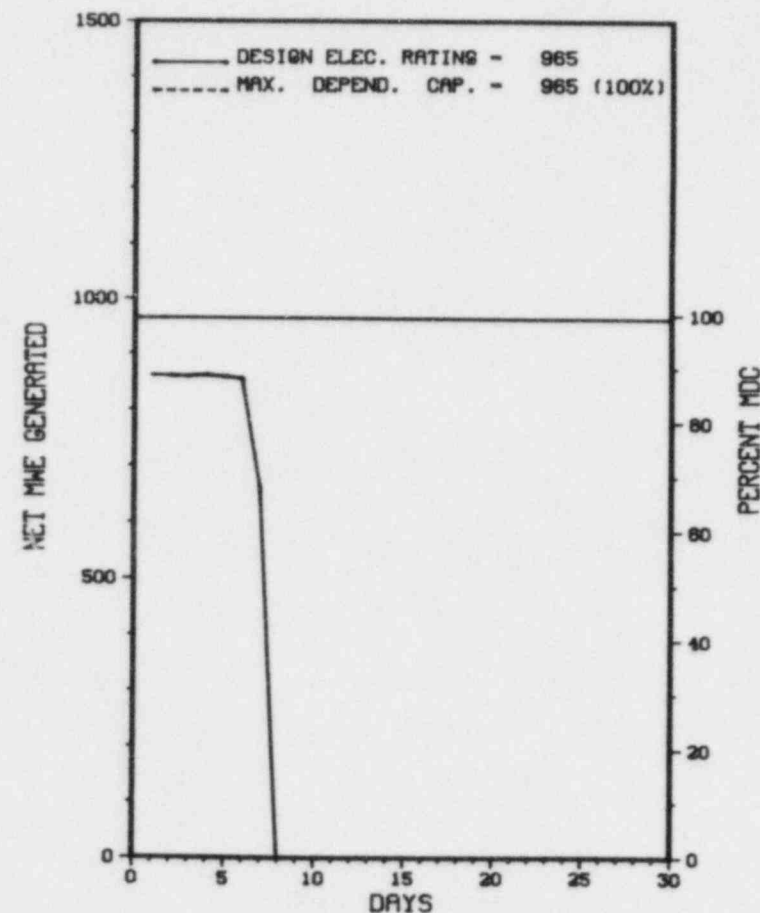
8. Maximum Dependable Capacity (Net MWe): 965

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

 * INDIAN POINT 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

INDIAN POINT 3



JUNE 1985

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>77,448.0</u>
13. Hours Reactor Critical	<u>163.5</u>	<u>3,728.1</u>	<u>45,094.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>163.5</u>	<u>3,704.9</u>	<u>43,553.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>446,004</u>	<u>10,235,663</u>	<u>113,884,799</u>
18. Gross Elec Ener (MWH)	<u>145,030</u>	<u>3,358,410</u>	<u>36,000,576</u>
19. Net Elec Ener (MWH)	<u>139,416</u>	<u>3,229,876</u>	<u>34,515,744</u>
20. Unit Service Factor	<u>22.7</u>	<u>85.3</u>	<u>56.2</u>
21. Unit Avail Factor	<u>22.7</u>	<u>85.3</u>	<u>56.2</u>
22. Unit Cap Factor (MDC Net)	<u>20.1</u>	<u>77.1</u>	<u>46.2</u>
23. Unit Cap Factor (DER Net)	<u>20.1</u>	<u>77.1</u>	<u>46.2</u>
24. Unit Forced Outage Rate	<u>2.7</u>	<u>2.3</u>	<u>20.4</u>
25. Forced Outage Hours	<u>4.5</u>	<u>86.1</u>	<u>11,153.2</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 09/15/85

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * INDIAN POINT 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
05	06/07/85	F	4.5	A	2	85-005-00	HB	ACCUMU	HEAD COVER GASKET ON 32A REHEATER DRAIN TANK RUPTURED, RESULTING IN SIGNIFICANT STEAM LEAKAGE. TO PRECLUDE POTENTIAL PERSONNEL INJURY, UNIT WAS MANUALLY TRIPPED AND MSIV'S CLOSED.
06	06/08/85	S	552.0	C	2		ZZ	ZZZZZZ	DUE TO PREVIOUSLY SCHEDULED REFUELING OUTAGE, PLANT MAINTAINED IN SHUTDOWN CONDITIONS.

 * SUMMARY *

INDIAN POINT 3 SHUTDOWN ON JUNE 7TH FOR REPAIRS AND REFUELING.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)
	F-Admin		
	G-Oper Error		
	H-Other		

* INDIAN POINT 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEW YORK
COUNTY.....WESTCHESTER
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 MI N OF
NEW YORK CITY, NY
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...APRIL 6, 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.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....POWER AUTHORITY OF STATE OF N.Y.
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.....I
IE RESIDENT INSPECTOR.....P. KOLTAY
LICENSING PROJ MANAGER....D. NEIGHBORS
DOCKET NUMBER.....50-286
LICENSE & DATE ISSUANCE...DPR-64, APRIL 5, 1976
PUBLIC DOCUMENT ROOM.....WHITE PLAINS PUBLIC LIBRARY
100 MARTINE AVENUE
WHITE PLAINS, NEW YORK 10601

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* INDIAN POINT 3 *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

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1. Docket: 50-305 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: G.RUITER (414) 388-2560 X207

4. Licensed Thermal Power (MWt): 1650

5. Nameplate Rating (Gross MWe): 622 X 0.9 = 560

6. Design Electrical Rating (Net MWe): 535

7. Maximum Dependable Capacity (Gross MWe): 529

8. Maximum Dependable Capacity (Net MWe): 503

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

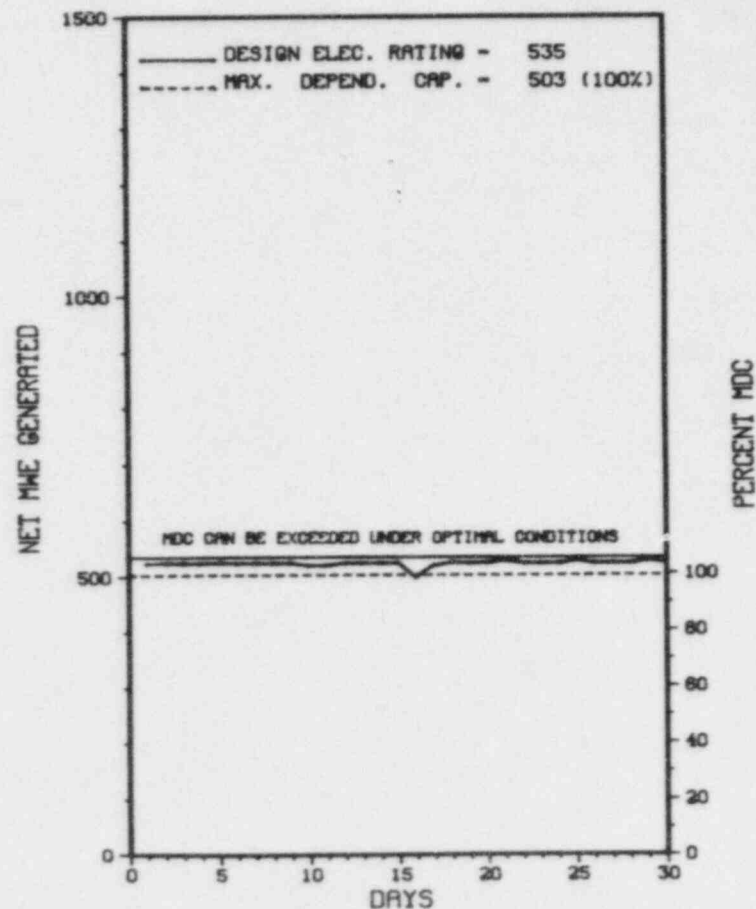
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>96,792.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>2,880.3</u>	<u>81,630.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,330.5</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>2,843.7</u>	<u>80,184.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>10.0</u>
17. Gross Therm Ener (MWH)	<u>1,179,472</u>	<u>4,569,954</u>	<u>125,637,078</u>
18. Gross Elec Ener (MWH)	<u>395,400</u>	<u>1,527,700</u>	<u>41,385,000</u>
19. Net Elec Ener (MWH)	<u>377,013</u>	<u>1,456,315</u>	<u>39,398,351</u>
20. Unit Service Factor	<u>100.0</u>	<u>65.5</u>	<u>82.8</u>
21. Unit Avail Factor	<u>100.0</u>	<u>65.5</u>	<u>82.9</u>
22. Unit Cap Factor (MDC Net)	<u>104.1</u>	<u>66.7</u>	<u>78.5*</u>
23. Unit Cap Factor (DER Net)	<u>97.9</u>	<u>62.7</u>	<u>76.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>3.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>2,745.4</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

* KEWAUNEE *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

KEWAUNEE



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* KEWAUNEE *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

KEWAUNEE OPERATED AT FULL POWER DURING THE REPORT PERIOD.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* Kewaunee *

FACILITY DATA

Report Period JUN 1985

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 7, 1974
DATE ELEC ENER 1ST GENER...APRIL 8, 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
CORPORATE ADDRESS.....P.O. BOX 19002
GREEN BAY, WISCONSIN 54307
CONTRACTOR
ARCHITECT/ENGINEER.....PIONEER SERVICES & ENGINEERING
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....PIONEER SERVICES & ENGINEERING
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....R. NELSON
LICENSING PROJ MANAGER.....M. FAIRTILE
DOCKET NUMBER.....50-305
LICENSE & DATE ISSUANCE...DPR-43, DECEMBER 21, 1973
PUBLIC DOCUMENT ROOM.....UNIVERSITY OF WISCONSIN
LIBRARY LEARNING CENTER
2420 NICOLET DRIVE
GREEN BAY, WISCONSIN 54301

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 16 - JUNE 15 (85006): ROUTINE UNANNOUNCED INSPECTION BY RESIDENT INSPECTOR OF PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; SURVEILLANCE; MAINTENANCE; INDEPENDENT INSPECTION; PROCEDURES; REGIONAL REQUESTS; HEADQUARTERS REQUESTS; SHUTDOWN MARGIN; TYPE B&C LEAKRATE; TMI-2 TASK ITEMS; AND PLANT STARTUP. THE INSPECTION INVOLVED A TOTAL OF 137 INSPECTOR-HOURS BY ONE INSPECTOR INCLUDING 28 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 13-17 (85008): ROUTINE, ANNOUNCED INSPECTION TO REVIEW LICENSEE PROCEDURES AND RESULTS IN THE AREAS OF CORE POWER DISTRIBUTION LIMITS, TARGET AXIAL FLUX DIFFERENCE, ISOTHERMAL TEMPERATURE COEFFICIENT, CONTROL ROD WORTH MEASUREMENTS AND CORE THERMAL POWER. THE INSPECTION INVOLVED 39 INSPECTOR-HOURS ONSITE INCLUDING 4 INSPECTOR-HOURS ONSITE DURING OFFSHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NONE

NONE

NONE

PLANT STATUS:

THE PLANT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 10 - 12, 1985

INSPECTION REPORT NO: 85011

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-13	05/05/85	06/12/85	INFLUENCE OF HEAT TRACING ON HYDROGEN MONITOR OPERABILITY

1. Docket: 50-409 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: L. S. GOODMAN (608) 689-2331

4. Licensed Thermal Power (MWt): 165

5. Nameplate Rating (Gross MWe): 76.8 X 0.85 = 65

6. Design Electrical Rating (Net MWe): 50

7. Maximum Dependable Capacity (Gross MWe): 50

8. Maximum Dependable Capacity (Net MWe): 48

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>137,306.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,434.8</u>	<u>91,616.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>478.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,335.8</u>	<u>85,239.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>79.0</u>
17. Gross Therm Ener (MWH)	<u>116,349</u>	<u>465,517</u>	<u>11,812,909</u>
18. Gross Elec Ener (MWH)	<u>36,239</u>	<u>143,914</u>	<u>3,539,525</u>
19. Net Elec Ener (MWH)	<u>34,230</u>	<u>134,703</u>	<u>3,280,542</u>
20. Unit Service Factor	<u>100.0</u>	<u>76.8</u>	<u>62.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>76.8</u>	<u>62.1</u>
22. Unit Cap Factor (MDC Net)	<u>99.0</u>	<u>64.6</u>	<u>49.8</u>
23. Unit Cap Factor (DER Net)	<u>95.1</u>	<u>62.0</u>	<u>47.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>2.5</u>	<u>10.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>86.7</u>	<u>8,440.5</u>

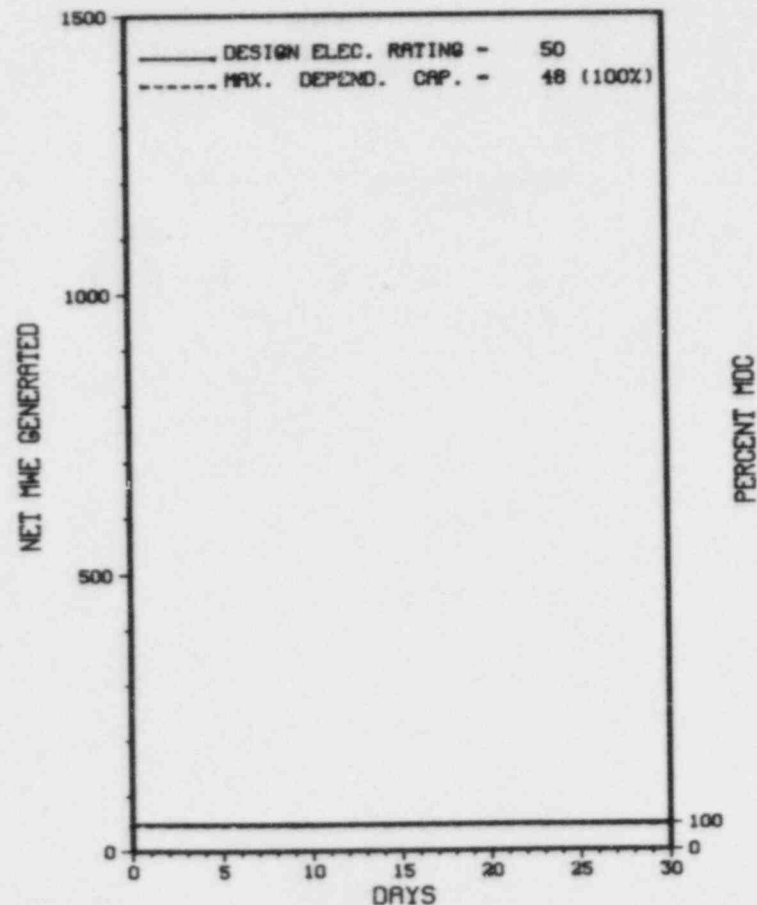
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* LA CROSSE *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

LA CROSSE



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* LA CROSSE *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

LA CROSSE OPERATED AT FULL POWER DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* LA CROSSE *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....WISCONSIN
COUNTY.....VERNON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...19 MI S OF
LACROSSE, WISC
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...JULY 11, 1967
DATE ELEC ENER 1ST GENER...APRIL 26, 1968
DATE COMMERCIAL OPERATE...NOVEMBER 1, 1969
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...MISSISSIPPI RIVER
ELECTRIC RELIABILITY
COUNCIL.....MID-CONTINENT AREA
RELIABILITY COORDINATION
AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....DAIRYLAND POWER
CORPORATE ADDRESS.....2615 EAST AVENUE SOUTH
LACROSSE, WISCONSIN 54601
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...ALLIS-CHALMERS
CONSTRUCTOR.....MAXON CONSTRUCTION COMPANY
TURBINE SUPPLIER.....ALLIS-CHALMERS

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....J. WIEBE
LICENSING PROJ MANAGER.....W. PAULSON
DOCKET NUMBER.....50-409
LICENSE & DATE ISSUANCE...DPR-45, AUGUST 28, 1973
PUBLIC DOCUMENT ROOM.....LA CROSSE PUBLIC LIBRARY
800 MAIN STREET
LA CROSSE, WISCONSIN 54601

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 21-23 AND 29 (85010): ROUTINE, UNANNOUNCED INSPECTION OF LICENSEE FOLLOWUP OF OPEN ITEMS, REGULATORY IMPROVEMENT ITEMS AND ITEMS OF NONCOMPLIANCE IDENTIFIED IN PREVIOUS INSPECTIONS; AND IMPLEMENTATION OF 10 CFR PART 20 AND 10 CFR PART 61 REQUIREMENTS FOR DISPOSAL OF LOW LEVEL RADIOACTIVE WASTES INCLUDING MANAGEMENT CONTROLS, QUALITY CONTROL, TOUR OF FACILITY AND IMPLEMENTATION OF WASTE FORM AND WASTE CLASSIFICATION REQUIREMENTS. THE INSPECTION INVOLVED 24 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. NO APPARENT ITEMS OF NONCOMPLIANCE WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* LA CROSSE *

OTHER ITEMS

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: JULY 8 - 11, 1985

INSPECTION REPORT NO: 85013

R E P O R T S F R O M L I C E N S E E

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=====
NUMBER      DATE OF      DATE OF      SUBJECT
            EVENT        REPORT
-----
85-10      04/24/85    05/20/85    DEGRADED FIRE BARRIER PENETRATION
85-11      04/27/85    05/20/85    REACTOR SCRAM DUE TO LOW WATER LEVEL
85-12      05/17/85    06/07/85    REACTOR PARTIAL SCRAM DUE TO LOWER CONTROL ROD DRIVE MECHANISM
=====
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1. Docket: 50-373 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: RANDY S. DUS (815) 357-6761 X324

4. Licensed Thermal Power (MWt): 3323

5. Nameplate Rating (Gross MWe): 1078

6. Design Electrical Rating (Net MWe): 1078

7. Maximum Dependable Capacity (Gross MWe): 1078

8. Maximum Dependable Capacity (Net MWe): 1036

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

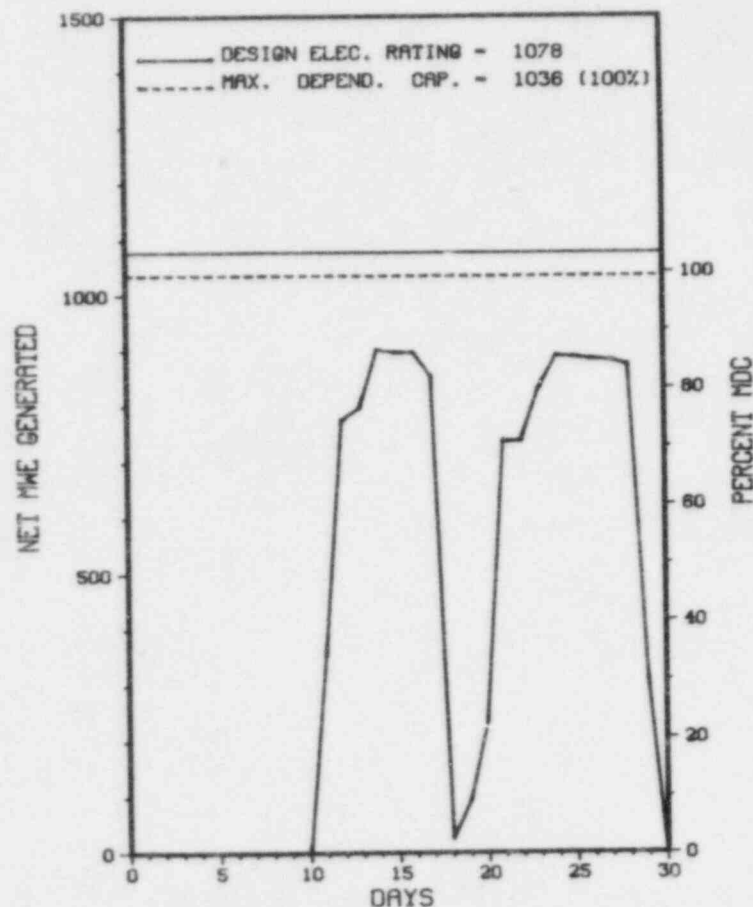
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>13,127.0</u>
13. Hours Reactor Critical	<u>466.7</u>	<u>3,508.7</u>	<u>9,788.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>102.8</u>	<u>1,267.7</u>
15. Hrs Generator On-Line	<u>405.3</u>	<u>3,374.5</u>	<u>9,429.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1.0</u>
17. Gross Therm Ener (MWH)	<u>1,009,176</u>	<u>9,443,063</u>	<u>32,402,370</u>
18. Gross Elec Ener (MWH)	<u>321,004</u>	<u>3,109,769</u>	<u>8,580,412</u>
19. Net Elec Ener (MWH)	<u>307,031</u>	<u>2,994,945</u>	<u>8,201,154</u>
20. Unit Service Factor	<u>56.3</u>	<u>77.7</u>	<u>71.8</u>
21. Unit Avail Factor	<u>56.3</u>	<u>77.7</u>	<u>71.8</u>
22. Unit Cap Factor (MDC Net)	<u>41.2</u>	<u>66.6</u>	<u>60.3</u>
23. Unit Cap Factor (DER Net)	<u>39.6</u>	<u>64.0</u>	<u>58.0</u>
24. Unit Forced Outage Rate	<u>43.7</u>	<u>22.3</u>	<u>17.8</u>
25. Forced Outage Hours	<u>314.7</u>	<u>968.5</u>	<u>2,041.6</u>
26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: 07/01/85

* LASALLE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

LASALLE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * LASALLE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
10	05/31/85	F	241.0	A	4				MANUALLY SCRAMMED REACTOR FOLLOWING FLOODING OF LAKE SCREEN HOUSE.
11	06/18/85	F	25.1	B	1				TOOK GENERATOR OFF-LINE TO TROUBLESHOOT OSCILLATIONS IN NUMBER 3 TURBINE CONTROL VALVE.
12	06/19/85	F	0.7	G	9				TURBINE TRIP ON HIGH LEVEL SIGNAL DURING TROUBLESHOOTING OF "B" LEVEL SWITCH.
13	06/20/85	F	8.1	B	1				TOOK GENERATOR OFF-LINE TO REPLACE OIL TRIP SOLENOID ON TURBINE.
14	06/29/85	F	39.8	A	3				AUTOMATIC SCRAM CAUSED BY LOSS OF CRD HEADER FLOW WHEN ONE CRD PUMP FAILED TO REMAIN "ON" AFTER STARTING.

 * SUMMARY *

 LA SALLE 1 OPERATED WITH 5 OUTAGES DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* LASALLE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....LA SALLE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...11 MI SE OF
OTTAWA, ILL
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...JUNE 21, 1982
DATE ELEC ENER 1ST GENER...SEPTEMBER 4, 1982
DATE COMMERCIAL OPERATE...JANUARY 1, 1984
CONDENSER COOLING METHOD...POND
CONDENSER COOLING WATER...RESERVOIR
ELECTRIC RELIABILITY
COUNCIL.....MID-AMERICA
INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....COMMONWEALTH EDISON
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....COMMONWEALTH EDISON
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....M. JORDAN
LICENSING PROJ MANAGER.....A. BOURNIA
DOCKET NUMBER.....50-373
LICENSE & DATE ISSUANCE...NPF-11, AUGUST 13, 1982
PUBLIC DOCUMENT ROOM.....ILLINOIS VALLEY COMMUNITY COLLEGE
RURAL ROUTE NO. 1
OGLESBY, ILLINOIS 16348

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 9-10, 13-15 AND 28 (84014): ROUTINE UNANNOUNCED INSPECTION OF THE OPERATIONAL RADIATION PROTECTION PROGRAM INCLUDING ORGANIZATION AND STAFFING, ALARA, CONTROL OF RADIOACTIVE MATERIALS AND CONTAMINATION AND RADIATION OCCURRENCE REPORTS. ALSO REVIEWED WERE PAST INSPECTION FINDINGS, LICENSEE EVENT REPORTS, AND CERTAIN NUREG-0737 TASK ACTION ITEMS. THE INSPECTION INVOLVED 80 INSPECTOR-HOURS ON SITE BY TWO NRC INSPECTORS. NO VIOLATIONS WERE IDENTIFIED IN SIX OF THE SEVEN AREAS INSPECTED. ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO FOLLOW PROCEDURES).

INSPECTION ON MAY 9, MAY 13-14, MAY 20-22, MAY 24 (85016): ROUTINE, ANNOUNCED INSPECTION OF LICENSEE ACTION ON PREVIOUSLY IDENTIFIED INSPECTION FINDINGS; INSERVICE TESTING PROGRAM; INSERVICE TESTING ADMINISTRATIVE PROCEDURES; QUALITY ASSURANCE DEPARTMENT INVOLVEMENT IN INSERVICE TESTING; INSERVICE TESTING OF PUMPS; PUMP TEST DATA EVALUATION; INSERVICE TESTING OF VALVES; TESTING OF NORMALLY CLOSED CHECK VALVES; AUGMENTED INSERVICE TESTING; INSERVICE TEST RECORDS AND INDEPENDENT INSPECTION EFFORTS. THE INSPECTION INVOLVED A TOTAL OF 121 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS INCLUDING 10 INSPECTOR-HOURS ONSITE DURING OFFSHIFTS. IN ADDITION, THE INSPECTION INVOLVED 4 INSPECTOR-HOURS IN THE REGIONAL OFFICE. OF THE ELEVEN AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TEN AREA; ONE VIOLATION WAS IDENTIFIED IN THE REMAINING AREA (FAILURE TO IMPLEMENT AN INSERVICE TESTING PROGRAM IN ACCORDANCE WITH THE ASME CODE).

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* LASALLE 1 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

THE LICENSEE IS REORGANIZING THE STATION MANNING CHART. NEW TITLES AND RESPONSIBILITIES ARE BEING ESTABLISHED. A TECH. SPEC. CHANGES IS BEING PREPARED TO IDENTIFY THIS NEW STATION MANNING AND RESPONSIBILITIES.

PLANT STATUS:

SHUTDOWN FOR REPAIRS.

LAST IE SITE INSPECTION DATE: JULY 23 - AUGUST 2, 1985

INSPECTION REPORT NO: 85022

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-41	05/05/85	05/30/85	SPURIOUS AUTO-START OF EMERGENCY MAKE-UP FAN
85-43	05/08/85	06/06/85	CHLORINE DETECTOR ACTUATION
85-42	05/05/85	05/30/85	AMMONIA/CHLORINE DETECTOR ACTUATIONS
85-44	05/09/85	06/07/85	CHLORINE DETECTOR ACTUATIONS
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: RANDY S. DUS (815) 357-6761 X324

4. Licensed Thermal Power (MWt): 3323

5. Nameplate Rating (Gross MWe): 1078

6. Design Electrical Rating (Net MWe): 1078

7. Maximum Dependable Capacity (Gross MWe): 1078

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>6,119.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>1,399.8</u>	<u>3,011.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>125.2</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,397.3</u>	<u>2,934.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>4,382,385</u>	<u>8,894,977</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,460,378</u>	<u>2,945,373</u>
19. Net Elec Ener (MWH)	<u>-8,557</u>	<u>1,373,636</u>	<u>2,765,753</u>
20. Unit Service Factor	<u>.0</u>	<u>32.2</u>	<u>48.0</u>
21. Unit Avail Factor	<u>.0</u>	<u>32.2</u>	<u>48.0</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>30.5</u>	<u>43.6</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>29.3</u>	<u>41.9</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>7.5</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>238.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

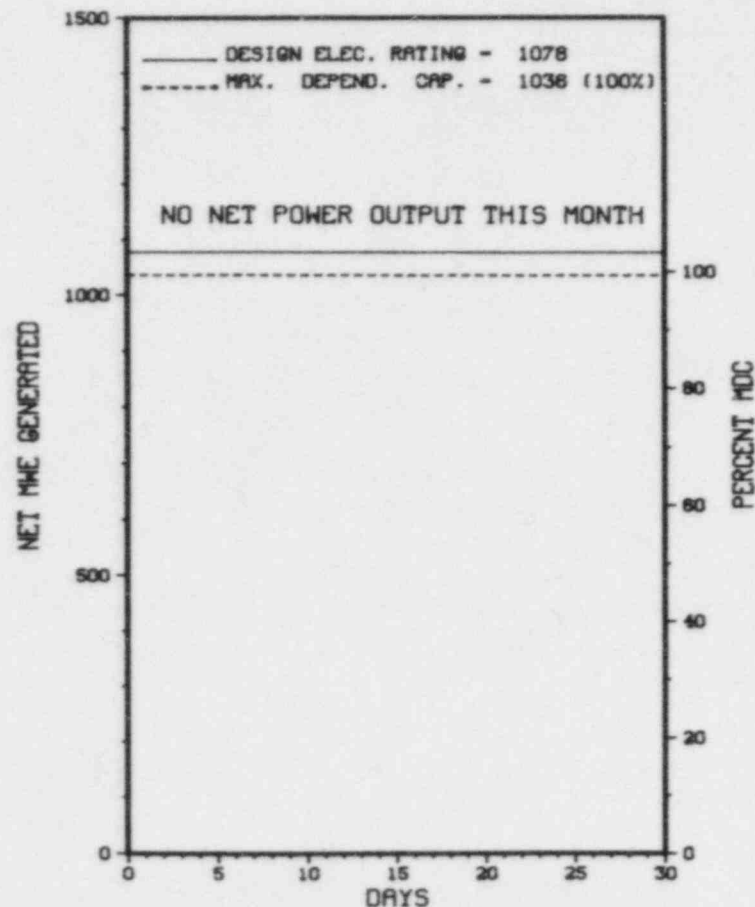
NONE

27. If Currently Shutdown Estimated Startup Date: 07/12/85

 * LASALLE 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

LASALLE 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * LASALLE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
3	02/28/85	S	720.0	B	4			MAINTENANCE AND SURVEILLANCE OUTAGE CONTINUES.

***** LA SALLE 2 REMAINS SHUTDOWN IN A CONTINUING MAINTENANCE AND SURVEILLANCE OUTAGE.
 * SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* LASALLE 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....LA SALLE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...11 MI SE OF
OTTAWA, ILL
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...MARCH 10, 1984
DATE ELEC ENER 1ST GENER...APRIL 20, 1984
DATE COMMERCIAL OPERATE...OCTOBER 19, 1984
CONDENSER COOLING METHOD...POND
CONDENSER COOLING WATER...RESERVOIR
ELECTRIC RELIABILITY
COUNCIL.....MID-AMERICA
INTERPOOL NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....COMMONWEALTH EDISON
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....COMMONWEALTH EDISON
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....M. JORDAN
LICENSING PROJ MANAGER.....A. BOURNIA
DOCKET NUMBER.....50-374
LICENSE & DATE ISSUANCE...NPF-18, MARCH 23, 1984
PUBLIC DOCUMENT ROOM.....ILLINOIS VALLEY COMMUNITY COLLEGE
RURAL ROUTE NO. 1
OGLESBY, ILLINOIS 16348

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 9-10, 13-15 AND 28 (84014): ROUTINE UNANNOUNCED INSPECTION OF THE OPERATIONAL RADIATION PROTECTION PROGRAM INCLUDING ORGANIZATION AND STAFFING, ALARA, CONTROL OF RADIOACTIVE MATERIALS AND CONTAMINATION AND RADIATION OCCURRENCE REPORTS. ALSO REVIEWED WERE PAST INSPECTION FINDINGS, LICENSEE EVENT REPORTS, AND CERTAIN NUREG-0737 TASK ACTION ITEMS. THE INSPECTION INVOLVED 80 INSPECTOR-HOURS ON SITE BY TWO NRC INSPECTORS. NO VIOLATIONS WERE IDENTIFIED IN SIX OF THE SEVEN AREAS INSPECTED. ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO FOLLOW PROCEDURES).

INSPECTION ON MAY 9, MAY 13-14, MAY 20-22, MAY 24 (85016): ROUTINE, ANNOUNCED INSPECTION OF LICENSEE ACTION ON PREVIOUSLY IDENTIFIED INSPECTION FINDINGS; INSERVICE TESTING PROGRAM; INSERVICE TESTING ADMINISTRATIVE PROCEDURES; QUALITY ASSURANCE DEPARTMENT INVOLVEMENT IN INSERVICE TESTING; INSERVICE TESTING OF PUMPS; PUMP TEST DATA EVALUATION; INSERVICE TESTING OF VALVES; TESTING OF NORMALLY CLOSED CHECK VALVES; AUGMENTED INSERVICE TESTING; INSERVICE TEST RECORDS AND INDEPENDENT INSPECTION EFFORTS. THE INSPECTION INVOLVED A TOTAL OF 121 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS INCLUDING 10 INSPECTOR-HOURS ONSITE DURING OFFSHIFTS. IN ADDITION, THE INSPECTION INVOLVED 4 INSPECTOR-HOURS IN THE REGIONAL OFFICE. OF THE ELEVEN AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TEN AREA; ONE VIOLATION WAS IDENTIFIED IN THE REMAINING AREA (FAILURE TO IMPLEMENT AN INSERVICE TESTING PROGRAM IN ACCORDANCE WITH THE ASME CODE).

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* LASALLE 2 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

THE LICENSEE IS REORGANIZING THE STATION MANNING CHART. NEW TITLES AND RESPONSIBILITIES ARE BEING ESTABLISHED. A TECH SPEC CHANGES IS BEING PREPARED TO IDENTIFY THIS NEW STATION MANNING SIBILITIES.

PLANT STATUS:

UNIT IS IN PLANNED MAINTENANCE OUTAGE WHICH BEGAN 3/1/85.

LAST IE SITE INSPECTION DATE: JULY 23 - AUGUST 2, 1985

INSPECTION REPORT NO: 85024

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-21	05/03/85	05/29/85	RCIC TEMPERATURE LEAK DETECTION MISWIRED
85-22	05/10/85	06/05/85	UNIT 2 REACTOR SCRAM
85-23	05/23/85	06/18/85	SPURIOUS SAFETY RELIEF VALVE ACTUATION
85-25	06/06/85	06/20/85	REACTOR SCRAMS FROM LES-RP-02
85-26	05/22/85	06/21/85	DIESEL GENERATOR 2B START FAILURE
85-27	05/27/85	06/26/85	HPCS-CY RETURN LINE RUPTURE
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: BILL ALDEN (215) 841-5022

4. Licensed Thermal Power (Mwt): 165

5. Nameplate Rating (Gross MWe): 1092

6. Design Electrical Rating (Net MWe): 1055

7. Maximum Dependable Capacity (Gross MWe): 1055

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: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>1,880.0</u>	<u>1,880.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>371.7</u>	<u>371.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>25.2</u>	<u>25.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>36,254</u>	<u>36,254</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>310</u>	<u>310</u>
19. Net Elec Ener (MWH)	<u>-6,105</u>	<u>-15,505</u>	<u>15,505</u>

20. Unit Service Factor

21. Unit Avail Factor NOT IN

22. Unit Cap Factor (MDC Net) COMMERCIAL

23. Unit Cap Factor (DER Net) OPERATION

24. Unit Forced Outage Rate

25. Forced Outage Hours .0 48.3 48.3

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

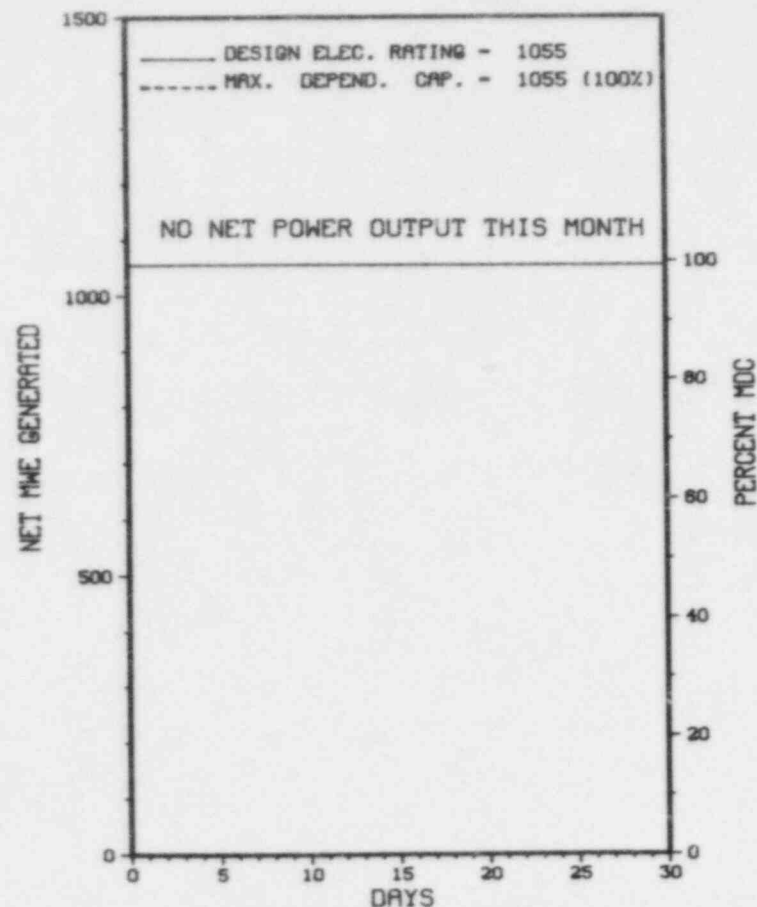
NONE

27. If Currently Shutdown Estimated Startup Date: 07/14/85

 * LIMERICK 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

LIMERICK 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * LIMERICK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
3	06/01/85	S	720.0	H	4		ZZ	ZZZZZZ	UNIT IN SHUTDOWN MODE. UNIT PENDING FULL POWER LICENSE.

 * SUMMARY *

 LIMERICK 1 REMAINS OFFLINE DURING THE JUNE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* LIMERICK 1 *

FACILITY DATA

Report Period JUN 1985

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, 1985
DATE ELEC ENER 1ST GENER...APRIL 13, 1985
DATE COMMERCIAL OPERATE....*****
CONDENSER COOLING METHOD...CC HNDCT
CONDENSER COOLING WATER...SCHUYLKILL RIVER
ELECTRIC RELIABILITY
COUNCIL.....MID-ATLANTIC
AREA COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....PHILADELPHIA ELECTRIC
CORPORATE ADDRESS.....2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19105
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....J. WIGGINS
LICENSING PROJ MANAGER.....R. MARTIN
DOCKET NUMBER.....50-352
LICENSE & DATE ISSUANCE...NPF-27, OCTOBER 26, 1984
PUBLIC DOCUMENT ROOM.....POTTSTOWN PUBLIC LIBRARY
500 HIGH STREET
POTTSTOWN, PENNSYLVANIA 19464

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

[illegible]

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: K. J. EMBRY (207) 623-3521

4. Licensed Thermal Power (MWt): 2630

5. Nameplate Rating (Gross MWe): 864

6. Design Electrical Rating (Net MWe): 825

7. Maximum Dependable Capacity (Gross MWe): 850

8. Maximum Dependable Capacity (Net MWe): 810

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>110,819.6</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,298.5</u>	<u>89,598.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,273.8</u>	<u>86,887.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,841,914</u>	<u>10,624,235</u>	<u>195,933,152</u>
18. Gross Elec Ener (MWH)	<u>611,300</u>	<u>3,551,440</u>	<u>64,224,720</u>
19. Net Elec Ener (MWH)	<u>589,966</u>	<u>3,425,492</u>	<u>61,261,361</u>
20. Unit Service Factor	<u>100.0</u>	<u>98.4</u>	<u>78.4</u>
21. Unit Avail Factor	<u>100.0</u>	<u>98.4</u>	<u>78.4</u>
22. Unit Cap Factor (MDC Net)	<u>101.2</u>	<u>97.4</u>	<u>70.2*</u>
23. Unit Cap Factor (DER Net)	<u>99.3</u>	<u>95.6</u>	<u>68.3*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.5</u>	<u>7.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>23.5</u>	<u>5,647.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

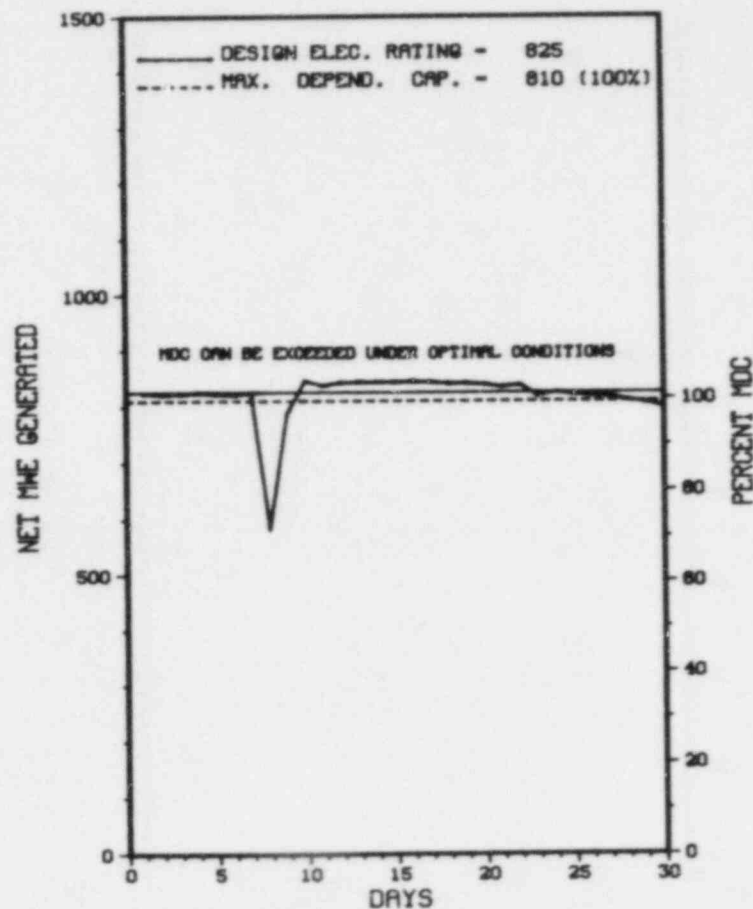
REFUELING: 08/17/85 - 2 MONTHS.

27. If Currently Shutdown Estimated Startup Date: N/A

* MAINE YANKEE *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MAINE YANKEE



JUNE 1985

* Item calculated with a Weighted Average

PAGE 2-178

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* MAINE YANKEE *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
LR TO	06/08/85	S	0.0	B	5		HH	PUMPXX	REDUCED POWER TO PLACE TURBINE DRIVEN FEED PUMP IN SERVICE. HELD AT 75% FOR MUSSEL CONTROL AND TURBINE VALVE TESTING.

* SUMMARY *

MAINE YANKEE OPERATED AT FULL POWER WITH 1 REDUCTION FOR MAINTENANCE IN JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* MAINE YANKEE *

FACILITY DATA

Report Period JUN 1985

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 8, 1972
DATE COMMERCIAL OPERATE...DECEMBER 28, 1972
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...BACK RIVER
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....MAINE YANKEE ATOMIC POWER
CORPORATE ADDRESS.....83 EDISON DRIVE
AUGUSTA, MAINE 04366
CONTRACTOR
ARCHITECT/ENGINEER.....STONE & WEBSTER
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....STONE & WEBSTER
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....C. HOLDEN
LICENSING PROJ MANAGER.....P. SEARS
DOCKET NUMBER.....50-309
LICENSE & DATE ISSUANCE...DPR-36, JUNE 29, 1973
PUBLIC DOCUMENT ROOM.....WISCASSET PUBLIC LIBRARY
HIGH STREET
WISCASSET, MAINE 04578

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NO DEFINED PROGRAM FOR CONTROLLING ACCESS TO THE WAREHOUSE AND FOR PERFORMING PREVENTIVE MAINTENANCE ON ITEMS STORED IN THE WAREHOUSE.
(8500 5)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* MAINE YANKEE *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS (704) 373-7567

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): 1225

8. Maximum Dependable Capacity (Net MWe): 1180

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>31,391.0</u>
13. Hours Reactor Critical	<u>155.6</u>	<u>2,670.6</u>	<u>21,289.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-line	<u>91.0</u>	<u>2,585.3</u>	<u>20,548.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>117,845</u>	<u>6,854,427</u>	<u>53,657,565</u>
18. Gross Elec Ener (MWH)	<u>32,971</u>	<u>2,328,047</u>	<u>18,556,913</u>
19. Net Elec Ener (MWH)	<u>18,733</u>	<u>2,207,562</u>	<u>17,582,817</u>
20. Unit Service Factor	<u>12.6</u>	<u>59.5</u>	<u>65.5</u>
21. Unit Avail Factor	<u>12.6</u>	<u>59.5</u>	<u>65.5</u>
22. Unit Cap Factor (MDC Net)	<u>2.2</u>	<u>43.1</u>	<u>47.5</u>
23. Unit Cap Factor (DER Net)	<u>2.2</u>	<u>43.1</u>	<u>47.5</u>
24. Unit Forced Outage Rate	<u>76.0</u>	<u>13.3</u>	<u>15.8</u>
25. Forced Outage Hours	<u>288.0</u>	<u>397.9</u>	<u>3,858.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

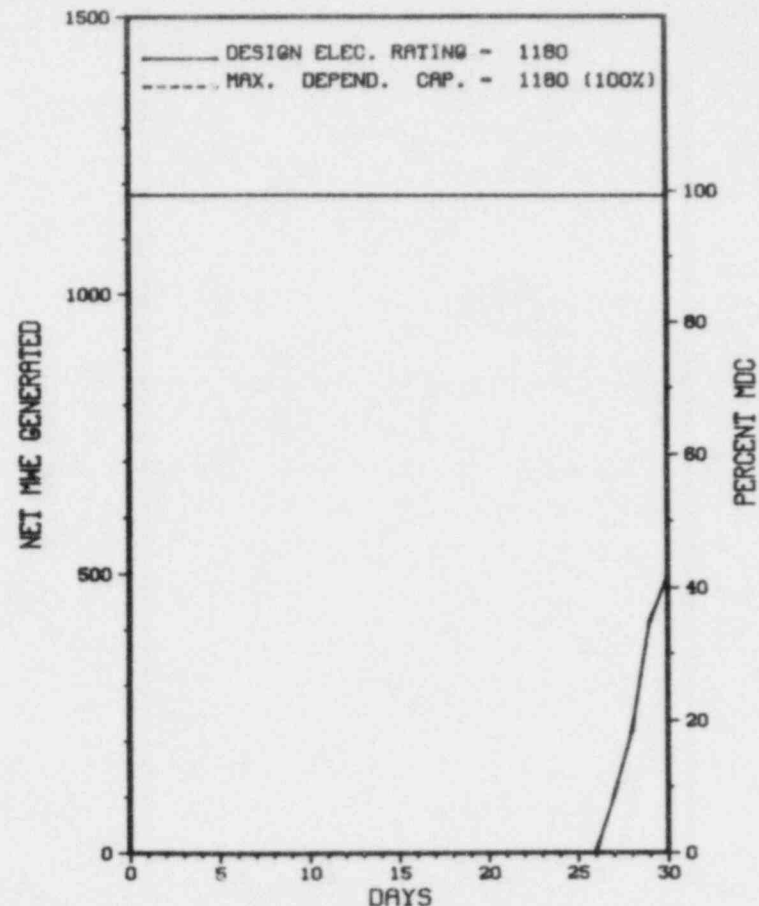
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* MCGUIRE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MCGUIRE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * MCGUIRE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	04/19/85	S	341.0	C	4		RC	FUELXX	END OF CYCLE 2 REFUELING OUTAGE.
4A	06/14/85	F	24.0	A	9		RD	VALVEX	EXTENSION DUE TO REPAIR OF FUEL TRANSFER TUBE ISOLATION VALVE.
4B	06/15/85	F	72.0	A	9		CB	HEATEX	EXTENSION DUE TO EDDY CURRENT TEST PROBLEMS ON THE STEAM GENERATOR.
4C	06/18/85	F	72.0	A	9		CA	VESSEL	EXTENSION DUE TO HEAD AREA WORK DELAYS.
4D	06/21/85	F	24.0	A	9		CB	HEATEX	EXTENSION DUE TO STEAM GENERATOR MANWAY TENSIONER MODIFICATION.
4E	06/22/85	F	24.0	A	9		CB	VALVEX	EXTENSION DUE TO REPAIR OF BINDING PRESSURIZER SPRAY CONTROL VALVE.
4G	06/25/85	F	24.0	F	9		XX	XXXXXX	EXTENSION DUE TO CONTAINMENT CLEANLINESS AND SEAT REPAIRS ON CHECK VALVE.
20-P	06/27/85	S	0.0	F	5		HH	XXXXXX	HOLD FOR SECONDARY CHEMISTRY.
21-P	06/27/85	S	0.0	F	5		HH	XXXXXX	HOLD FOR SECONDARY CHEMISTRY.
22-P	06/27/85	S	0.0	F	5		HH	XXXXXX	HOLD FOR SECONDARY CHEMISTRY.
23-P	06/29/85	S	0.0	F	5		HH	XXXXXX	HOLD FOR SECONDARY CHEMISTRY.
24-P	06/29/85	F	0.0	A	5		CH	PUMPXX	POSSIBLE FEEDWATER PUMP TURBINE ALIGNMENT PROBLEM.
4F	06/23/85	F	48.0	A	9		SF	ACCUMU	EXTENSION DUE TO REPAIR OF SEAT ON ACCUMULATOR CONTAINMENT ISOLATION SAMPLE VALVE.

 * SUMMARY *

 MCGUIRE 1 RETURNED ONLINE JUNE 27TH FROM NUMEROUS OUTAGES AND INCURRED SEVERAL REDUCTIONS, LISTED IN COMPLETE DETAIL ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* MCGUIRE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NORTH CAROLINA
COUNTY.....MECKLENBURG
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...17 MI N OF
CHARLOTTE, NC
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...AUGUST 8, 1981
DATE ELEC ENER 1ST GENER...SEPTEMBER 12, 1981
DATE COMMERCIAL OPERATE...DECEMBER 1, 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
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.....II
IE RESIDENT INSPECTOR.....W. ORDERS
LICENSING PROJ MANAGER.....D. HOOD
DOCKET NUMBER.....50-369
LICENSE & DATE ISSUANCE...NPF-9, JULY 8, 1981
PUBLIC DOCUMENT ROOM.....MS. DAWN HUBBS
ATKINS LIBRARY
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE
UNCC STATION,
CHARLOTTE, NC 28223

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION JANUARY 20 - MARCH 20 (85-06): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 235 INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, SAFETY VERIFICATION, SURVEILLANCE TESTING, MAINTENANCE ACTIVITIES AND REFUELING ACTIVITIES. OF THE FOUR AREAS INSPECTED, FOUR ITEMS OF NONCOMPLIANCE WERE FOUND IN THREE AREAS (VIOLATION OF 10 CFR 50, APPENDIX B, CRITERION III FOR INADEQUATE SEPARATION CRITERIA; VIOLATION OF TECHNICAL SPECIFICATION (TS) 6.8.1 FOR FAILURE TO FOLLOW PROCEDURES; VIOLATION OF TS 4.8.1.1.2A FOR INADEQUATE DIESEL GENERATOR SURVEILLANCE INTERVAL AND VIOLATION OF 10 CFR, APPENDIX B, CRITERION XVI FOR FAILURE TO TAKE PROMPT CORRECTIVE ACTION).

INSPECTION MAY 6-9 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 16.5 INSPECTOR-HOURS ONSITE DURING REGULAR HOURS INSPECTING: RADIATION PROTECTION PROGRAM INCLUDING INSTRUMENTS AND EQUIPMENT USED FOR RADIATION PROTECTION OF PERSONNEL; POSTING LABELING, AND CONTROL OF RADIOLOGICAL CONTROL AREAS; RADIATION WORK PERMIT CONTROLS; SHIPMENT OF RADIOACTIVE MATERIALS; INTERNAL AND EXTERNAL EXPOSURE CONTROLS; TRAINING AND QUALIFICATIONS OF PERSONNEL; AS LOW AS REASONABLY ACHIEVABLE (ALARA) PROGRAM; PREVIOUSLY IDENTIFIED INSPECTOR FOLLOWUP ITEMS, AND IE INFORMATION NOTICES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28 -31 (85-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 27.5 INSPECTOR-HOURS ONSITE AT THE DUKE POWER COMPANY ENGINEERING OFFICES IN CHARLOTTE, N.C., IN THE AREAS OF SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS (IEB 79-14); PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHORS (IEB 79-02); AND LICENSEE IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

INSPECTION MAY 28-31 (85-19): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 7.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATION.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-369/85-19 +

Report Period JUN 1985

REPORTS FROM LICENSEE

* MCGUIRE 1 *

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=====
NUMBER    DATE OF    DATE OF    SUBJECT
EVENT     REPORT
-----
85-008    02/06/85   05/09/85   FAILURE TO COMPLY WITH WIRING SEPARATION, PROCEDURAL ENHANCEMENTS TO BETTER CONTROL WIRING
CHANGES.
85-012    04/16/85   05/16/85   MISSED DAILY FIRE DOOR INSPECTIONS, CORRECTIVE ACTIONS CONSISTED OF CLARIFYING THE
RESPONSIBILITY FOR CARRYING OUT SURVEILLANCE.
85-013    05/02/85   06/14/85   GREASE FOUND LIMIT SWITCH COMPARTMENTS, THE GREASE WAS PUMPED INTO THE COMPARTMENT BY MISTAKE.
85-016    05/08/85   06/21/85   TEMPERATURE COMPENSATION CHART NOT INCLUDED IN HYDROGEN ANALYZER OPERATION EMERGENCY PROCEDURE,
DUE TO PROCEDURAL DEFICIENCIES.
85-017    05/15/85   06/14/85   D/G 1A STARTED DUE TO A TRANSMISSION SYSTEM DISTURBANCE, DUE TO SEVERE WEATHER.
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1. Docket: 50-370 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS EXT (704) 373-7567

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1450 X .9 = 1305

6. Design Electrical Rating (Net MWe): 1180

7. Maximum Dependable Capacity (Gross MWe): 1225

8. Maximum Dependable Capacity (Net MWe): 1180

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

 * MCGUIRE 2 *

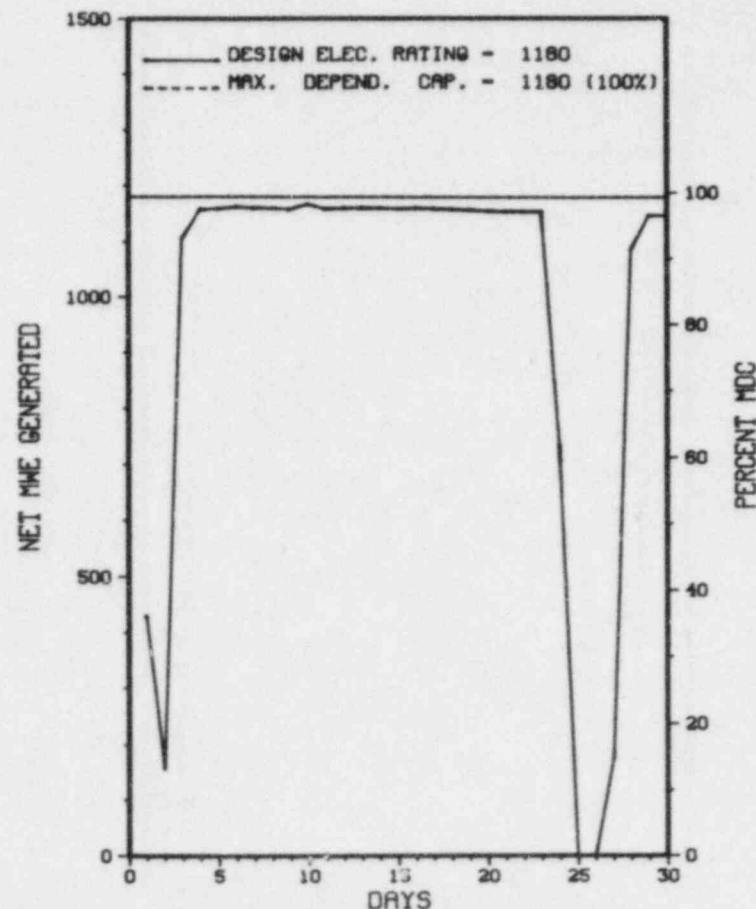
AVERAGE DAILY POWER LEVEL (MWe) PLOT

MCGUIRE 2

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

11. Reasons for Restrictions, If Any: _____

NONE



	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>11,687.0</u>
13. Hours Reactor Critical	<u>636.2</u>	<u>1,834.6</u>	<u>7,972.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>631.7</u>	<u>1,757.4</u>	<u>7,848.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,080,510</u>	<u>5,642,677</u>	<u>25,014,001</u>
18. Gross Elec Ener (MWH)	<u>728,153</u>	<u>1,987,151</u>	<u>8,824,874</u>
19. Net Elec Ener (MWH)	<u>698,154</u>	<u>1,887,724</u>	<u>8,445,524</u>
20. Unit Service Factor	<u>87.7</u>	<u>40.5</u>	<u>67.2</u>
21. Unit Avail Factor	<u>87.7</u>	<u>40.5</u>	<u>67.2</u>
22. Unit Cap Factor (MDC Net)	<u>82.2</u>	<u>36.8</u>	<u>61.2</u>
23. Unit Cap Factor (DER Net)	<u>82.2</u>	<u>36.8</u>	<u>61.2</u>
24. Unit Forced Outage Rate	<u>12.3</u>	<u>14.6</u>	<u>15.8</u>
25. Forced Outage Hours	<u>88.3</u>	<u>301.5</u>	<u>1,467.7</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A

JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* MCGUIRE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
3	06/01/85	F	22.1	A	3		IE	INSTRU	FEEDPUMPS TRIPPED DUE TO GROUND IN LEVEL CIRCUITRY IN DOGHOUSE.
13-P	06/02/85	F	0.0	F	5		HH	XXXXXX	HOLD FOR SECONDARY CHEMISTRY.
4	06/24/85	F	66.2	A	3		CH	VALVEX	CONTAINMENT ISOLATION VALVE FAILED CLOSED DUE TO A FAILED SOLENOID.
14-P	06/27/85	F	0.0	A	5		HA	INSTRU	BAD CARD IN THE TURBINE CONTROL CIRCUITRY.
15-P	06/27/85	F	0.0	B	5		RC	FUELXX	NEW FUEL DESIGN RELATED TESTING.
16-P	06/30/85	F	0.0	A	5		CH	PUMPXX	CLOGGED FEEDWATER OIL FILTER.

***** MCGUIRE 2 OPERATED WITH 2 OUTAGES AND 4 REDUCTIONS DURING JUNE.

* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* MCGUIRE 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NORTH CAROLINA
COUNTY.....MECKLENBURG
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...17 MI N OF
CHARLOTTE, NC
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...MAY 8, 1983
DATE ELEC ENER 1ST GENER...MAY 23, 1983
DATE COMMERCIAL OPERATE...MARCH 1, 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
CORPORATE ADDRESS.....POWER BLDG., BOX 2178
CHARLOTTE, NORTH CAROLINA 28201

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

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....W. ORDERS
LICENSING PROJ MANAGER.....D. HOOD
DOCKET NUMBER.....50-370
LICENSE & DATE ISSUANCE...NPF-17, MAY 27, 1983
PUBLIC DOCUMENT ROOM.....MS. DAWN HUBBS
ATKINS LIBRARY
UNIVERSITY OF NORTH CAROLINA - CHARLOTTE
UNCC STATION,
CHARLOTTE, NC 28223

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION JANUARY 20 - MARCH 20 (85-06): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 235 INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, SAFETY VERIFICATION, SURVEILLANCE TESTING, MAINTENANCE ACTIVITIES AND REFUELING ACTIVITIES. OF THE FOUR AREAS INSPECTED, FOUR ITEMS OF NONCOMPLIANCE WERE FOUND IN THREE AREAS (VIOLATION OF 10 CFR 50, APPENDIX B, CRITERION III FOR INADEQUATE SEPARATION CRITERIA; VIOLATION OF TECHNICAL SPECIFICATION (TS) 6.8.1 FOR FAILURE TO FOLLOW PROCEDURES; VIOLATION OF TS 4.8.1.1.2A FOR INADEQUATE DIESEL GENERATOR SURVEILLANCE INTERVAL AND VIOLATION OF 10 CFR, APPENDIX B, CRITERION XV1 FOR FAILURE TO TAKE PROMPT CORRECTIVE ACTION).

INSPECTION MAY 6-9 (85-16): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 16.5 INSPECTOR-HOURS ONSITE DURING REGULAR HOURS. INSPECTING: RADIATION PROTECTION PROGRAM INCLUDING INSTRUMENTS AND EQUIPMENT USED FOR RADIATION PROTECTION OF PERSONNEL; POSTING LABELING, AND CONTROL OF RADIOLOGICAL CONTROL AREAS; RADIATION WORK PERMIT CONTROLS; SHIPMENT OF RADIOACTIVE MATERIALS; INTERNAL AND EXTERNAL EXPOSURE CONTROLS; TRAINING AND QUALIFICATIONS OF PERSONNEL; AS LOW AS REASONABLY ACHIEVABLE (ALARA) PROGRAM; PREVIOUSLY IDENTIFIED INSPECTOR FOLLOWUP ITEMS, AND IE INFORMATION NOTICES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 27.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF QUALITY CONTROL AND CONFIRMATORY MEASUREMENTS INCLUDING REVIEW OF THE LABORATORY QUALITY CONTROL PROGRAM; REVIEW OF PROCEDURES AND INSTRUCTIONS; REVIEW OF QUALITY CONTROL RECORDS AND LOGS; REVIEW OF THE COUNTING ROOM AND CHEMISTRY LABORATORY FACILITIES; RESULTS OF SPLIT SAMPLES ANALYZED BY THE LICENSEE AND THE NRC REGION II MOBILE LABORATORY; AND WHOLE-BODY COUNTER MEASUREMENTS USING A

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

INSPECTION MAY 28 -31 (85-19): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 4 INSPECTOR-HOURS ONSITE AT THE DUKE POWER COMPANY ENGINEERING OFFICES IN CHARLOTTE, N.C., IN THE AREAS OF SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS (IEB 79-14); PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHORS (IEB 79-02); AND LICENSEE IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-20): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 7.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

NONE

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATION.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-370/85-19 +

Report Period JUN 1985

REPORTS FROM LICENSEE

* MCGUIRE 2 *

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NUMBER    DATE OF    DATE OF    SUBJECT
          EVENT     REPORT
-----
85-007    03/27/85    04/29/85    SPURIOUS OVERCURRENT RELAY ACTUATION CAUSES SWITCHGEAR BLACKOUT, CORRECTIVE ACTIONS CONSISTED OF
          04/29/85    06/20/85    REPLACEMENT OF RELAY.
85-009    04/29/85    06/20/85    STEAM LINE 2C WATER HAMMER, MAIN STEAM LINE DRAIN VALVES WOULD NOT OPEN, GAGS WERE INADVERTENTLY
          05/04/85    06/17/85    LEFT ON THE VALVES.
85-011    05/04/85    06/17/85    AUX FEEDWATER ACTUATION DUE TO MAIN FEEDWATER PUMP TRIP, THIS INCIDENT IS CLASSIFIED AS AN
          05/08/85    06/07/85    UNUSUAL SERVICE CONDITION.
85-012    05/08/85    06/07/85    MANUAL REACTOR TRIP AT PWR DUE TO LOSS OF MAIN FEEDWATER PUMP 2A, MAIN FEEDWATER PUMP 2A TRIPPED
          05/17/85    06/17/85    ON HIGH DISCHARGE PRESSURE.
85-015    05/17/85    06/17/85    UHI ACCUMULATOR INOPERABLE DUE TO MISSED CHEMISTRY SURVEILLANCE, THE REQUIRED BORON SAMPLE WAS
          NOT TAKEN.
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1. Docket: 50-245 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: GEORGE HARRAN (203) 447-1791 X4194

4. Licensed Thermal Power (MWh): 2011

5. Nameplate Rating (Gross MWe): 735 X 0.9 = 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: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>127,871.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>98,097.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,775.8</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,343.0</u>	<u>95,279.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>26.5</u>
17. Gross Therm Ener (MWH)	<u>1,391,762</u>	<u>8,600,118</u>	<u>175,008,387</u>
18. Gross Elec Ener (MWH)	<u>472,700</u>	<u>2,928,700</u>	<u>58,825,396</u>
19. Net Elec Ener (MWH)	<u>451,879</u>	<u>2,801,684</u>	<u>56,105,844</u>
20. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>74.5</u>
21. Unit Avail Factor	<u>100.0</u>	<u>100.0</u>	<u>74.5</u>
22. Unit Cap Factor (MDC Net)	<u>96.0</u>	<u>98.6</u>	<u>67.1</u>
23. Unit Cap Factor (DER Net)	<u>95.1</u>	<u>97.7</u>	<u>66.5</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>12.6</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>5,715.2</u>

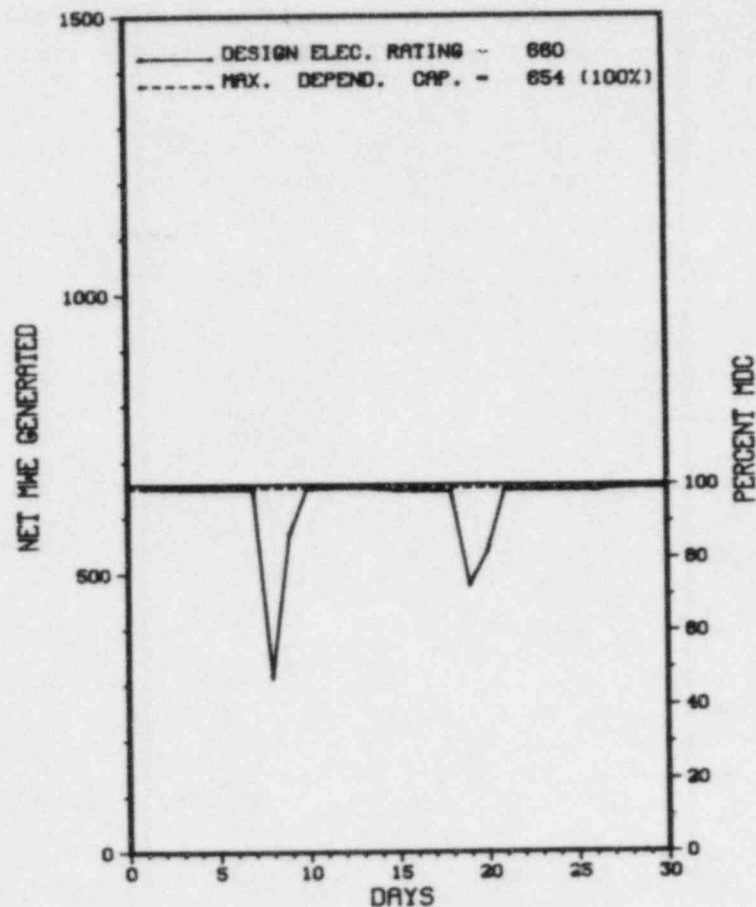
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
REFUELING, OCTOBER 1985, 5 WEEK DURATION.

27. If Currently Shutdown Estimated Startup Date: N/A

 * MILLSTONE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MILLSTONE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* MILLSTONE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
3	06/08/85	S	0.0	B	5			DOWN POWER TO REPAIR DRYWELL COOLERS.
4	06/19/85	S	0.0	B	5			DOWN POWER TO FIND AND REPAIR MAIN CONDENSER TUBE LEAKS.

* SUMMARY *

MILLSTONE 1 OPERATED WITH 2 REDUCTIONS FOR MAINTENANCE DURING JUNE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other

Exhibit F & H
Instructions for
Preparation of
Data Entry Sheet
Licensee Event Report
(LER) File (NUREG-0161)

* MILLSTONE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CONNECTICUT
COUNTY.....NEW LONDON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI SW OF
NEW LONDON, CONN
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...OCTOBER 26, 1970
DATE ELEC ENER 1ST GENER...NOVEMBER 29, 1970
DATE COMMERCIAL OPERATE...MARCH 1, 1971
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LONG ISLAND SOUND
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NORTHEAST NUCLEAR ENERGY
CORPORATE ADDRESS.....P.O. BOX 270
HARTFORD, CONNECTICUT 06101
CONTRACTOR
ARCHITECT/ENGINEER.....EBASCO
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....J. SHEDLOSKEY
LICENSING PROJ MANAGER.....J. SHEA
DOCKET NUMBER.....50-245
LICENSE & DATE ISSUANCE...DPR-21, OCTOBER 26, 1970
PUBLIC DOCUMENT ROOM.....WATERFORD PUBLIC LIBRARY
45 ROPE FERRY ROAD
ROUTE 156
WATERFORD, CONNECTICUT 06385

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

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*          MILLSTONE 1          *  
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OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

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1. Docket: 50-336 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: R. BORCHERT (203) 447-1791 X4418

4. Licensed Thermal Power (MWh): 2700

5. Nameplate Rating (Gross MWe): 1011 X 0.9 = 910

6. Design Electrical Rating (Net MWe): 870

7. Maximum Dependable Capacity (Gross MWe): 866

8. Maximum Dependable Capacity (Net MWe): 833

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

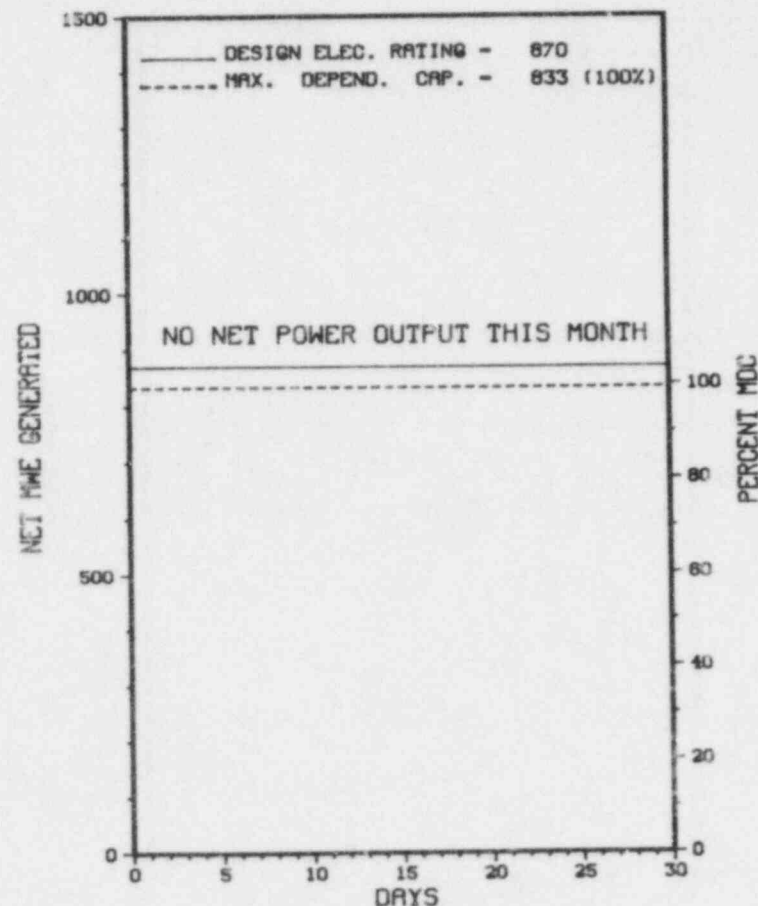
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>83,399.0</u>
13. Hours Reactor Critical	<u>2.8</u>	<u>1,114.9</u>	<u>58,076.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,166.9</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>1,109.8</u>	<u>55,502.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>468.2</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>2,895,103</u>	<u>140,584,267</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>945,800</u>	<u>45,618,473</u>
19. Net Elec Ener (MWH)	<u>-4,874</u>	<u>895,827</u>	<u>43,720,912</u>
20. Unit Service Factor	<u>.0</u>	<u>25.6</u>	<u>66.6</u>
21. Unit Avail Factor	<u>.0</u>	<u>25.6</u>	<u>67.1</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>24.8</u>	<u>62.9*</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>23.7</u>	<u>62.0*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>16.8</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>9,943.5</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: 08/01/85

* MILLSTONE 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MILLSTONE 2



JUNE 1985

* Item calculated with a Weighted Average

PAGE 2-198

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* MILLSTONE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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1	02/16/85	S	720.0	C	4			
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CONTINUATION OF REFUEL MAINTENANCE OUTAGE
FROM PREVIOUS MONTH.

* SUMMARY *

MILLSTONE 2 REMAINS SHUTDOWN IN AN ONGOING REFUELING/MAINTENANCE OUTAGE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* MILLSTONE 2 *

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

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CONNECTICUT
COUNTY.....NEW LONDON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI SW OF
NEW LONDON, CONN
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...OCTOBER 17, 1975
DATE ELEC ENER 1ST GENER...NOVEMBER 9, 1975
DATE COMMERCIAL OPERATE....DECEMBER 26, 1975
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LONG ISLAND SOUND
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NORTHEAST NUCLEAR ENERGY
CORPORATE ADDRESS.....P.O. BOX 270
HARTFORD, CONNECTICUT 06101
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....J. SHEDLOSKEY
LICENSING PROJ MANAGER.....D. OSBORNE
DOCKET NUMBER.....50-336
LICENSE & DATE ISSUANCE...DPR-65, SEPTEMBER 30, 1975
PUBLIC DOCUMENT ROOM.....WATERFORD PUBLIC LIBRARY
45 ROPE FERRY ROAD
ROUTE 156
WATERFORD, CONNECTICUT 06385

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* MILLSTONE 2 *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

1. Docket: 50-263 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: A. L. Myrabo (612) 295-5151

4. Licensed Thermal Power (MWt): 1670

5. Nameplate Rating (Gross MWe): 632 X 0.9 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>122,736.0</u>
13. Hours Reactor Critical	<u>712.0</u>	<u>3,777.9</u>	<u>93,693.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>940.7</u>
15. Hrs Generator On-Line	<u>707.7</u>	<u>3,677.8</u>	<u>91,680.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,150,579</u>	<u>5,919,573</u>	<u>147,153,367</u>
18. Gross Elec Ener (MWH)	<u>392,849</u>	<u>2,026,557</u>	<u>47,211,610</u>
19. Net Elec Ener (MWH)	<u>377,157</u>	<u>1,947,775</u>	<u>45,123,200</u>
20. Unit Service Factor	<u>98.3</u>	<u>84.7</u>	<u>74.7</u>
21. Unit Avail Factor	<u>98.3</u>	<u>84.7</u>	<u>74.7</u>
22. Unit Cap Factor (MDC Net)	<u>97.7</u>	<u>83.7</u>	<u>68.6</u>
23. Unit Cap Factor (DER Net)	<u>96.1</u>	<u>82.3</u>	<u>67.5</u>
24. Unit Forced Outage Rate	<u>1.7</u>	<u>.9</u>	<u>5.1</u>
25. Forced Outage Hours	<u>12.3</u>	<u>34.2</u>	<u>1,323.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

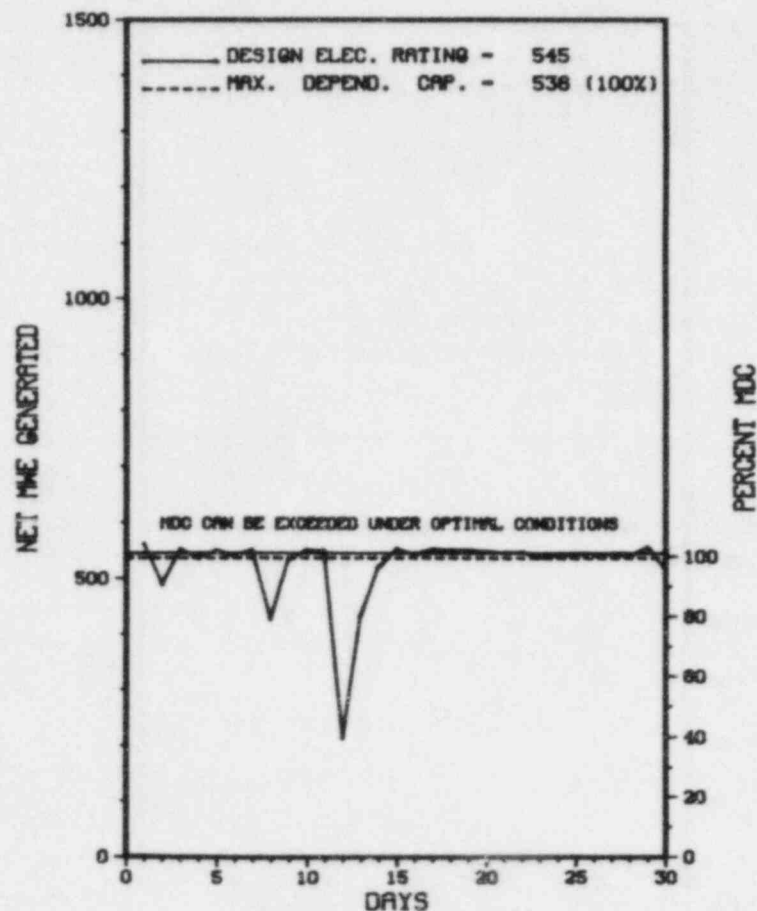
MAY 10, 1986 - 1986 REFUELING OUTAGE - 41 DAYS.

27. If Currently Shutdown Estimated Startup Date: N/A

* MONTICELLO *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MONTICELLO



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* MONTICELLO *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
8	06/07/85	S	0.0	H	5		ZZ	ZZZZZZ	POWER REDUCED TO 60% TO PERFORM CONTROL ROD SEQUENCE EXCHANGE.
9	06/12/85	F	12.3	H	3		ZZ	ZZZZZZ	REACTOR SCRAM DUE TO PERSONNEL ERROR DURING SURVEILLANCE TEST.

***** MONTICELLO OPERATED AT FULL POWER WITH 1 REDUCTION AND 1 OUTAGE DURING JUNE.

* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Continued Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* MONTICELLO *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MINNESOTA

COUNTY.....WRIGHT

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...30 MI NW OF
MINNEAPOLIS, MINN

TYPE OF REACTOR.....BWR

DATE INITIAL CRITICALITY...DECEMBER 13, 1970

DATE ELEC ENER 1ST GENER...MARCH 5, 1971

DATE COMMERCIAL OPERATE...JUNE 30, 1971

CONDENSER COOLING METHOD...COOLING TOWER

CONDENSER COOLING WATER...MISSISSIPPI RIVER

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

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NORTHERN STATES POWER

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.....III

IE RESIDENT INSPECTOR.....P. HARTMAN

LICENSING PROJ MANAGER.....R. AULUCK
DOCKET NUMBER.....50-263

LICENSE & DATE ISSUANCE....DPR-22, JANUARY 9, 1981

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MINNEAPOLIS PUBLIC LIBRARY
300 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MARCH 5, THROUGH MAY 6 (85008): A ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTOR OF ONSITE REVIEW COMMITTEE; OPERATIONAL SAFETY VERIFICATION; SPENT FUEL; FIRE DAMPERS; SEISMIC BATTERY RACKS; NITROGEN LINE TO TOKUS; REACTOR SCRAM; CRD SURVEILLANCE; LICENSEE EVENT REPORTS; ALLEGATIONS; AND TMI ACTION ITEMS. THE INSPECTION INVOLVED A TOTAL OF 118 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS INCLUDING 17 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 6-9 (85014): ROUTINE, ANNOUNCED INSPECTION OF CONFIRMATORY MEASUREMENTS. THE REGION III MOBILE LABORATORY WAS ONSITE TO ANALYZE SAMPLES COLLECTED AND SPLIT WITH THE LICENSEE FOR COMPARISON. THE INSPECTORS ALSO REVIEWED LICENSEE ACTION ON PREVIOUSLY IDENTIFIED FINDINGS. THE INSPECTION INVOLVED 31 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 20 (85016): LICENSEE ACTION RELATIVE TO IE BULLETIN 80-11, "MASONRY WALL DESIGN." THE INSPECTION INVOLVED A TOTAL OF 12 INSPECTOR-HOURS BY ONE NRC INSPECTOR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION CONDUCTED JUNE 3-7 (85018): ROUTINE, UNANNOUNCED INSPECTION OF THE RADIATION PROTECTION PROGRAM, RADIOACTIVE WASTE SYSTEMS, AND TRANSPORTATION OF RADIOACTIVE MATERIALS INCLUDING: ORGANIZATION AND MANAGEMENT CONTROL; GASEOUS RADIOACTIVE WASTE; LIQUID RADIOACTIVE WASTE; CALIBRATIONS AND SURVEILLANCE OF GASEOUS AND LIQUID PROCESS MONITORS; SOLID RADIOACTIVE WASTE; TRANSPORTATION OF RADIOACTIVE MATERIALS; CONTROL OF CONTAMINATED AREAS; AN IE BULLETIN; AND AND I.E. INFORMATION NOTICE. THE

INSPECTION STATUS - (CONTINUED)

PAGE 2-205

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

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: THOMAS W. ROMAN (315) 349-2422

4. Licensed Thermal Power (MWt): 1850

5. Nameplate Rating (Gross MWe): 755 X 0.85 = 642

6. Design Electrical Rating (Net MWe): 620

7. Maximum Dependable Capacity (Gross MWe): 630

8. Maximum Dependable Capacity (Net MWe): 610

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>137,303.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,313.1</u>	<u>97,029.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,204.2</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,283.9</u>	<u>94,089.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>20.2</u>
17. Gross Therm Ener (MWH)	<u>1,294,173</u>	<u>7,755,376</u>	<u>157,044,743</u>
18. Gross Elec Ener (MWH)	<u>432,669</u>	<u>2,630,122</u>	<u>52,010,911</u>
19. Net Elec Ener (MWH)	<u>419,778</u>	<u>2,552,666</u>	<u>50,382,660</u>
20. Unit Service Factor	<u>100.0</u>	<u>98.6</u>	<u>68.5</u>
21. Unit Avail Factor	<u>100.0</u>	<u>98.6</u>	<u>68.5</u>
22. Unit Cap Factor (MDC Net)	<u>95.6</u>	<u>96.4</u>	<u>60.2</u>
23. Unit Cap Factor (DER Net)	<u>94.0</u>	<u>94.8</u>	<u>59.2</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.4</u>	<u>15.9</u>
25. Forced Outage Hours	<u>.0</u>	<u>59.1</u>	<u>13,118.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

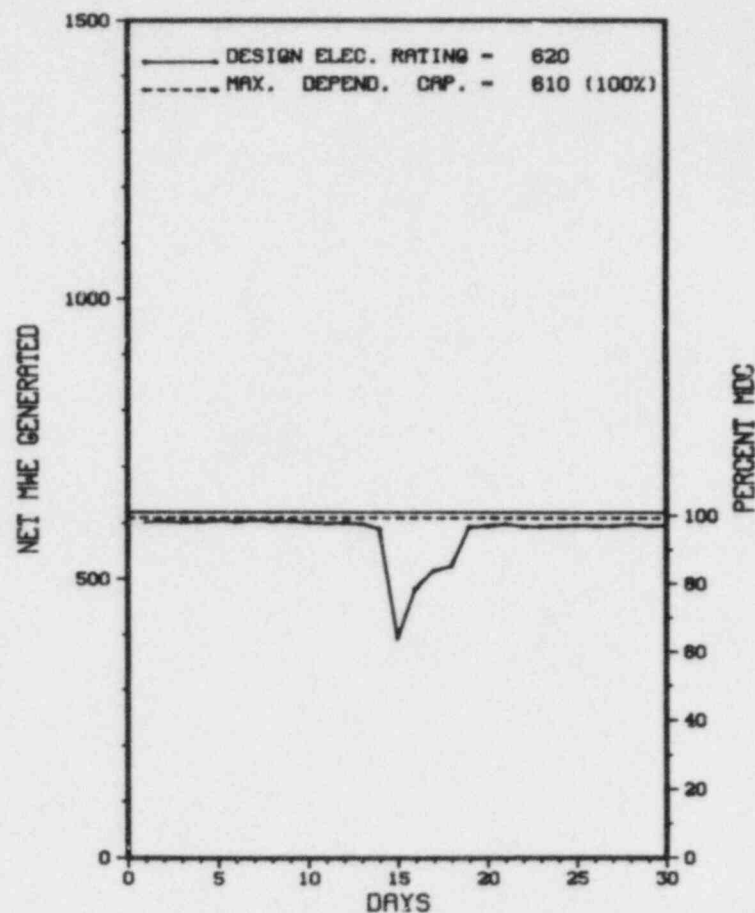
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* NINE MILE POINT 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

NINE MILE POINT 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * NINE MILE POINT 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-09	06/15/85	S	0.0	H	5			CONTROL ROD SEQUENCE EXCHANGE.
85-10	06/16/85	F	0.0	A	5			TURBINE CONTROL VALVE OSCILLATION.

 * SUMMARY *

 NINE MILE POINT 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 2 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* NINE MILE POINT 1 *

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

Report Period JUN 1985

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...SEPTEMBER 5, 1969
DATE ELEC ENER 1ST GENER...NOVEMBER 9, 1969
DATE COMMERCIAL OPERATE...DECEMBER 1, 1969
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LAKE ONTARIO
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NIAGARA MOHAWK POWER CORP.
CORPORATE ADDRESS.....300 ERIE BOULEVARD WEST
SYRACUSE, NEW YORK 13202
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.....I
IE RESIDENT INSPECTOR.....S. HUDSON
LICENSING PROJ MANAGER.....R. HERMANN
DOCKET NUMBER.....50-220
LICENSE & DATE ISSUANCE...DPR-63, DECEMBER 26, 1974
PUBLIC DOCUMENT ROOM.....STATE UNIVERSITY COLLEGE OF OSWEGO
PENFIELD LIBRARY - DOCUMENTS
OSWEGO, NY 13126
(315) 341-2323

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* NINE MILE POINT 1 *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

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1. Docket: 50-338 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: B. GARNER (703) 894-5151 X2527

4. Licensed Thermal Power (MWt): 2775

5. Nameplate Rating (Gross MWe): 947

6. Design Electrical Rating (Net MWe): 907

7. Maximum Dependable Capacity (Gross MWe): 941

8. Maximum Dependable Capacity (Net MWe): 893

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

MDC GROSS CHANGED

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>61,968.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>42,690.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,185.4</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,315.8</u>	<u>41,404.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,979,596</u>	<u>11,663,507</u>	<u>108,527,173</u>
18. Gross Elec Ener (MWH)	<u>663,618</u>	<u>3,933,220</u>	<u>35,305,401</u>
19. Net Elec Ener (MWH)	<u>630,990</u>	<u>3,738,536</u>	<u>33,354,554</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.4</u>	<u>66.8</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.4</u>	<u>66.8</u>
22. Unit Cap Factor (MDC Net)	<u>98.1</u>	<u>96.6</u>	<u>60.3</u>
23. Unit Cap Factor (DER Net)	<u>96.6</u>	<u>94.9</u>	<u>59.3</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.6</u>	<u>12.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>27.2</u>	<u>5,642.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

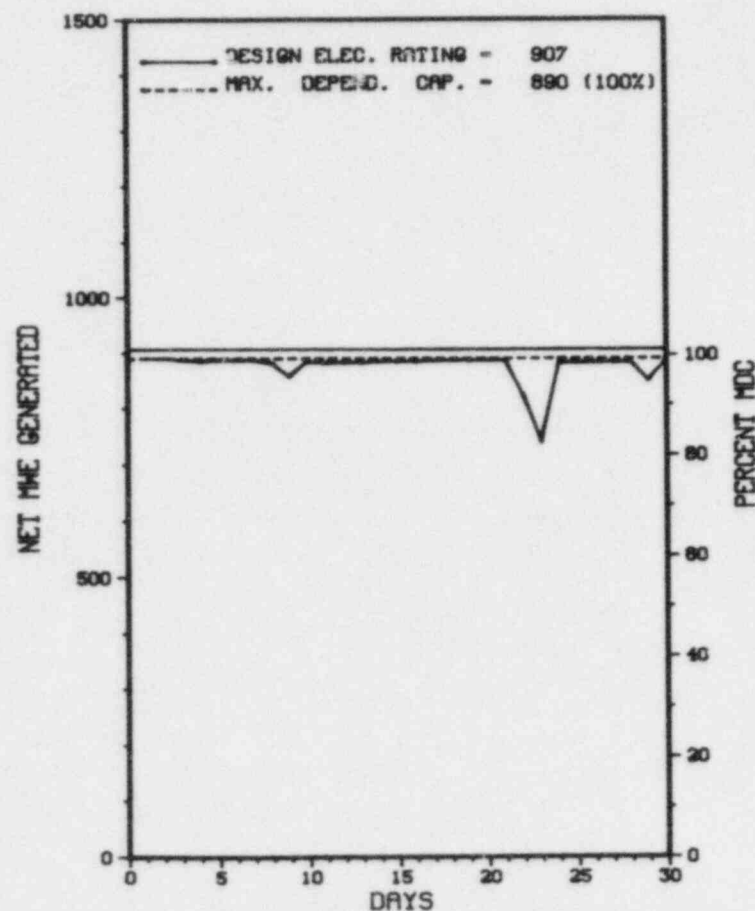
REFUELING, 11-1-85, 48 DAYS

27. If Currently Shutdown Estimated Startup Date: N/A

* NORTH ANNA 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

NORTH ANNA 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* NORTH ANNA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-13	06/08/85	S	0.0	H	5				RAMPDOWN TO 90% POWER FOR TURBINE VALVE FREEDOM TEST. UNIT RETURNED TO 100% POWER.
85-14	06/22/85	F	0.0	B	5				RAMPDOWN TO 66% POWER FOR MAINTENANCE ON 5A FW HEATER. UNIT RETURNED TO 100% POWER.
85-15	06/28/85	S	0.0	H	5				RAMPED DOWN TO 90% POWER FOR TURBINE VALVE FREEDOM TEST. UNIT RETURNED TO 100% POWER.

* SUMMARY *

NORTH ANNA 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 3 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* NORTH ANNA 1 *

FACILITY DATA

Report Period JUN 1985

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 5, 1978
DATE ELEC ENER 1ST GENER...APRIL 17, 1978
DATE COMMERCIAL OPERATE...JUNE 6, 1978
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LAKE ANNA
ELECTRIC RELIABILITY
COUNCIL.....SOUTHEASTERN ELECTRIC
RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....VIRGINIA POWER
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.....II
IE RESIDENT INSPECTOR.....M. BRANCH
LICENSING PROJ MANAGER.....L. ENGLE
DOCKET NUMBER.....50-338
LICENSE & DATE ISSUANCE...NPF-4, APRIL 1, 1978
PUBLIC DOCUMENT ROOM.....ALDERMAN LIBRARY/MANUSCRIPTS DEPT.
UNIV. OF VIRGINIA/CHARLOTTESVILLE VA 22901
& LOUISA COUNTY COURTHOUSE,
LOUISA, VA 23093

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 22-26 (85-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 15 INSPECTOR-HOURS ONSITE (2 HOURS ON BACKSHIFT) INSPECTING: SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS-SECURITY PROGRAM; SECURITY ORGANIZATION; RECORDS AND REPORTS; PHYSICAL BARRIERS-PROTECTED/VITAL AREAS; LIGHTING; ASSESSMENT AIDS; DETECTION AIDS-PROTECTED/VITAL AREAS; COMMUNICATIONS; AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS. OF THE 12 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN 11 AREAS; A VIOLATION WAS FOUND IN ONE AREA (FAILURE TO SUBMIT A WRITTEN REPORT TO THE NRC WITHIN 60 DAYS DESCRIBING THE DETAILS OF A CHANGE MADE TO THE APPROVED PHYSICAL SECURITY PLAN).

INSPECTION MAY 21-22 (85-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 50 INSPECTOR-HOURS ONSITE IN THE AREA OF AN EMERGENCY PREPAREDNESS EXERCISE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 6 - JUNE 2 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 84.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE EVENT REPORTS (LER), SPENT FUEL STORAGE RACKS, ENGINEERED SAFETY FEATURES (ESF) WALKDOWN, MONTHLY MAINTENANCE, MONTHLY SURVEILLANCE AND OPERATIONAL SAFETY VERIFICATION. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

INSPECTION STATUS - (CONTINUED)

PAGE 2-213

1. Docket: 50-339 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: B. GARNER (703) 894-5151 X2527

4. Licensed Thermal Power (MWt): 2775

5. Nameplate Rating (Gross MWe): 947

6. Design Electrical Rating (Net MWe): 907

7. Maximum Dependable Capacity (Gross MWe): 941

8. Maximum Dependable Capacity (Net MWe): 893

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

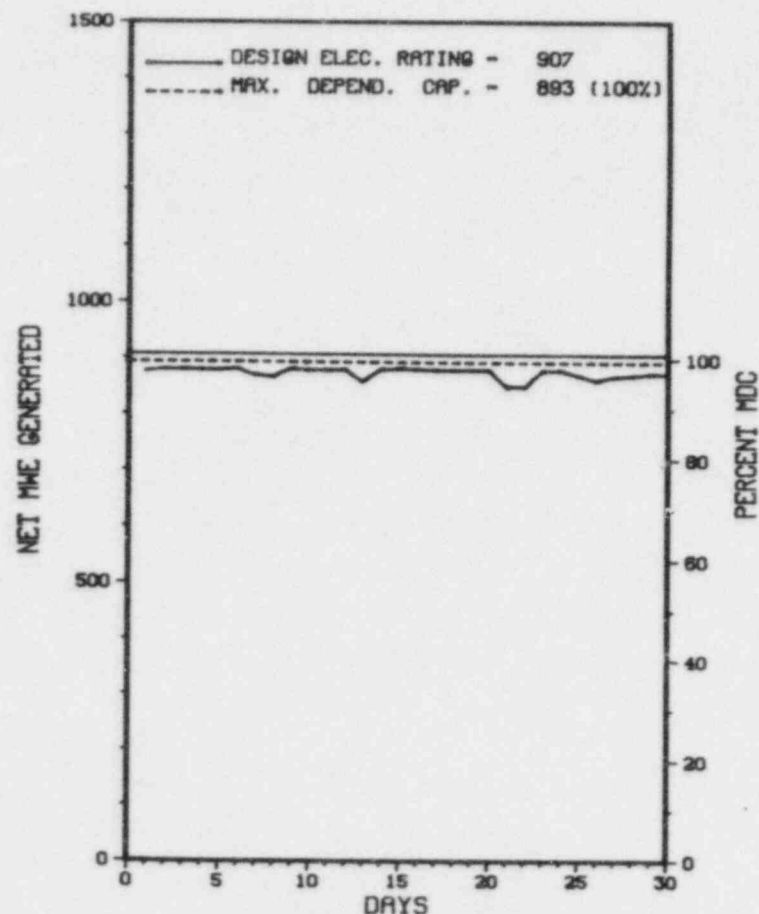
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>39,839.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,284.2</u>	<u>30,067.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>28.5</u>	<u>2,405.3</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,078.7</u>	<u>29,255.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,987,889</u>	<u>10,395,197</u>	<u>75,899,427</u>
18. Gross Elec Ener (MWH)	<u>661,712</u>	<u>3,458,822</u>	<u>25,178,087</u>
19. Net Elec Ener (MWH)	<u>628,914</u>	<u>3,278,516</u>	<u>23,847,789</u>
20. Unit Service Factor	<u>100.0</u>	<u>93.9</u>	<u>73.4</u>
21. Unit Avail Factor	<u>100.0</u>	<u>93.9</u>	<u>73.4</u>
22. Unit Cap Factor (MDC Net)	<u>97.8</u>	<u>84.7</u>	<u>67.0</u>
23. Unit Cap Factor (DER Net)	<u>96.3</u>	<u>83.2</u>	<u>66.0</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>6.1</u>	<u>12.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>264.3</u>	<u>4,039.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): NONE

27. If Currently Shutdown Estimated Startup Date: N/A

 * NORTH ANNA 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 NORTH ANNA 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* NORTH ANNA 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-29	05/01/85	S	0.0	H	5			RAMPED DOWN TO 92% POWER FOR TURBINE VALVE FREEDOM TEST. UNIT RETURNED TO 100% POWER.
85-30	06/07/85	S	0.0	H	5			RAMPED DOWN TO 86% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-31	06/08/85	S	0.0	H	5			RAMPED DOWN TO 83% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-32	06/13/85	S	0.0	H	5			RAMPED DOWN TO 83% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-33	06/21/85	S	0.0	H	5			RAMPED DOWN TO 77% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-34	06/22/85	S	0.0	H	5			RAMPED DOWN TO 77% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-35	06/26/85	S	0.0	H	5			RAMPED DOWN TO 88% POWER FOR LOAD FOLLOW. UNIT RETURNED TO 100% POWER.
85-36	06/29/85	S	0.0	H	5			RAMPED DOWN TO 90% POWER FOR TURBINE VALVE FREEDOM TEST. UNIT RETURNED TO 100% POWER.

* SUMMARY *

NORTH ANNA 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND SEVERAL POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)
	F-Admin		
	G-Oper Error		
	H-Other		

* NORTH ANNA 2 *

FACILITY DATA

Report Period JUN 1985

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 POWER
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.....II
IE RESIDENT INSPECTOR.....M. BRANCH
LICENSING PROJ MANAGER.....L. ENGLE
DOCKET NUMBER.....50-339
LICENSE & DATE ISSUANCE...NPF-7, AUGUST 21, 1980
PUBLIC DOCUMENT ROOM.....ALDERMAN LIBRARY/MANUSCRIPTS DEPT.
UNIV. OF VIRGINIA/CHARLOTTESVILLE VA 22901
& LOUISA COUNTY COURTHOUSE,
LOUISA, VA 23093

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 22-26 (85-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 15 INSPECTOR-HOURS ONSITE (2 HOURS ON BACKSHIFT) INSPECTING: SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS-SECURITY PROGRAM; SECURITY ORGANIZATION; RECORDS AND REPORTS; PHYSICAL BARRIERS-PROTECTED/VITAL AREAS; LIGHTING; ASSESSMENT AIDS; DETECTION AIDS-PROTECTED/VITAL AREAS; COMMUNICATIONS; AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS. OF THE 12 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN 11 AREAS; A VIOLATION WAS FOUND IN ONE AREA (FAILURE TO SUBMIT A WRITTEN REPORT TO THE NRC WITHIN 60 DAYS DESCRIBING THE DETAILS OF A CHANGE MADE TO THE APPROVED PHYSICAL SECURITY PLAN).

INSPECTION MAY 21-22 (85-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 50 INSPECTOR-HOURS ONSITE IN THE AREA OF AN EMERGENCY PREPAREDNESS EXERCISE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 6 - JUNE 2 (85-15): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 84.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE EVENT REPORTS (LER), SPENT FUEL STORAGE RACKS, ENGINEERED SAFETY FEATURES (ESF) WALKDOWN, MONTHLY MAINTENANCE, MONTHLY SURVEILLANCE AND OPERATIONAL SAFETY VERIFICATION. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* NORTH ANNA 2 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 6 - JUNE 2, 1985 +

INSPECTION REPORT NO: 50-339/85-15 +

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE.			
=====			

1. Docket: 50-269 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS (704) 373-7567

4. Licensed Thermal Power (MWt): 2568

5. Nameplate Rating (Gross MWe): 1038 X 0.9 = 934

6. Design Electrical Rating (Net MWe): 887

7. Maximum Dependable Capacity (Gross MWe): 899

8. Maximum Dependable Capacity (Net MWe): 860

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

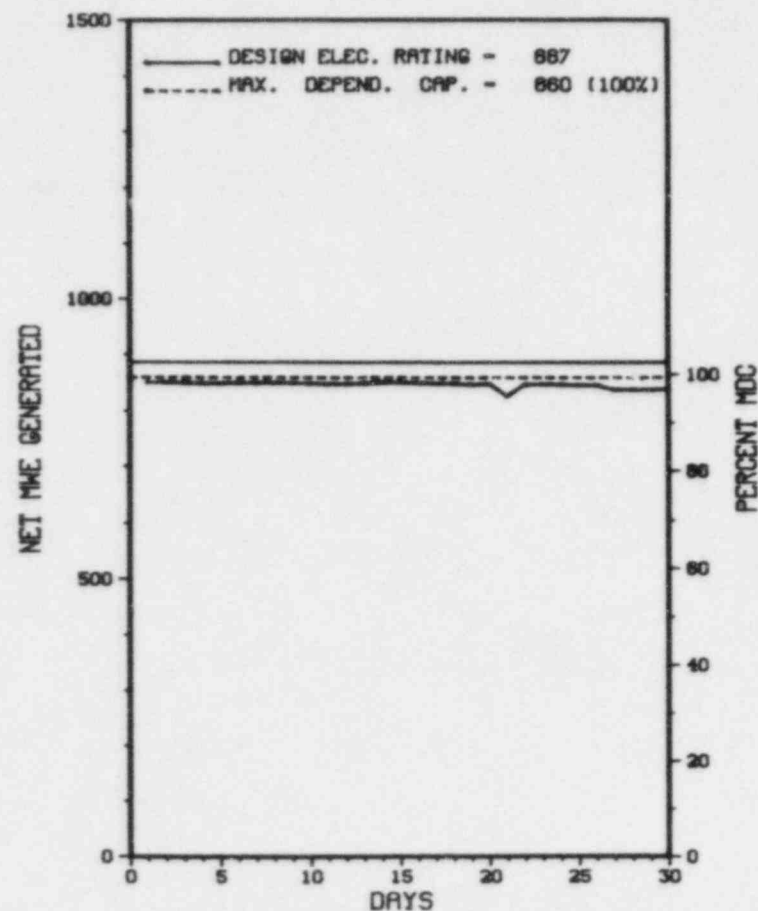
11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>104,832.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,306.6</u>	<u>76,300.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,289.5</u>	<u>72,993.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,853,094</u>	<u>10,962,555</u>	<u>175,836,319</u>
18. Gross Elec Ener (MWH)	<u>638,660</u>	<u>3,807,340</u>	<u>61,144,020</u>
19. Net Elec Ener (MWH)	<u>609,660</u>	<u>3,636,642</u>	<u>57,968,928</u>
20. Unit Service Factor	<u>100.0</u>	<u>98.8</u>	<u>69.6</u>
21. Unit Avail Factor	<u>100.0</u>	<u>98.8</u>	<u>69.6</u>
22. Unit Cap Factor (MDC Net)	<u>98.5</u>	<u>97.4</u>	<u>64.2*</u>
23. Unit Cap Factor (DER Net)	<u>95.5</u>	<u>94.4</u>	<u>62.4*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.2</u>	<u>15.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>53.5</u>	<u>12,258.7</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: N/A

* OCONEE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
OCONEE 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* OCONEE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
7-P	06/21/85	S	0.0	B	5		CC	VALVEX	CONTROL & STOP VALVE MOVEMENT PT'S.

* SUMMARY *

OCONEE 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 1 POWER REDUCTION REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* OCONEE 1 *

FACILITY DATA

Report Period JUN 1985

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 6, 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
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.....II
IE RESIDENT INSPECTOR.....J. BRYANT
LICENSING PROJ MANAGER....H. NICOLARAS
DOCKET NUMBER.....50-269
LICENSE & DATE ISSUANCE...DPR-38, FEBRUARY 6, 1973
PUBLIC DOCUMENT ROOM.....OCONEE COUNTY LIBRARY
501 W. SOUTH BROAD ST.
WALHALLA, SOUTH CAROLINA 29691

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

+ INSPECTION FEBRUARY 11 - MARCH 10 (85-03): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 98.5 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, REFUELING SHUTDOWN, MATERIAL SHIPMENT, LICENSEE EVENT REPORTS, AND INSPECTOR FOLLOWUP ITEMS. OF THE SEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN SIX AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (MATERIAL SHIPMENT - INADEQUATE PREPARATION; PARAGRAPH 9).

INSPECTION APRIL 22-26 (85-09): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 34.5 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 11 - MAY 13 (85-10): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 118 INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, PLANT TRIPS, INSPECTOR FOLLOWUP ITEMS, QUALITY ASSURANCE, AND PLANT STARTUP FROM REFUELING. OF THE SIX AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (VIOLATION 270/85-10-01; CONTROL ROD POSITION LIMITS EXCEEDED).

INSPECTION MAY 28-31 (85-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 5 INSPECTOR-HOURS ONSITE AT THE DUKE POWER COMPANY ENGINEERING OFFICES IN CHARLOTTE, N.C., IN THE AREAS OF SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS (IEB 79-14); PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHORS (IEB 79-02); AND LICENSEE IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 7 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* OCONEE 1 *

INSPECTION SUMMARY

ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE
AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND
TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATION.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-269/85-14 +

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-005	04/11/85	05/21/85	REACTOR TRIP ON HIGH RCS PRESSURE, A FAULTY EDGE CONNECTOR ON A CIRCUIT BOARD.
85-007	04/25/85	05/28/85	REACTOR TRIP ON LOSS OF MAIN FEEDWATER, FAILED COMPONENTS WERE IDENTIFIED AND REPAIRED.
85-008	05/20/85	06/18/85	EXCEEDED SURV. INTERVAL FOR KEOWEE FIRE PROTECTION SYSTEM, DUE TO PROGRAM.

=====

1. Docket: 50-270 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS (704) 373-7567

4. Licensed Thermal Power (MWh): 2568

5. Nameplate Rating (Gross MWe): 1038 X 0.9 = 934

6. Design Electrical Rating (Net MWe): 887

7. Maximum Dependable Capacity (Gross MWe): 899

8. Maximum Dependable Capacity (Net MWe): 860

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

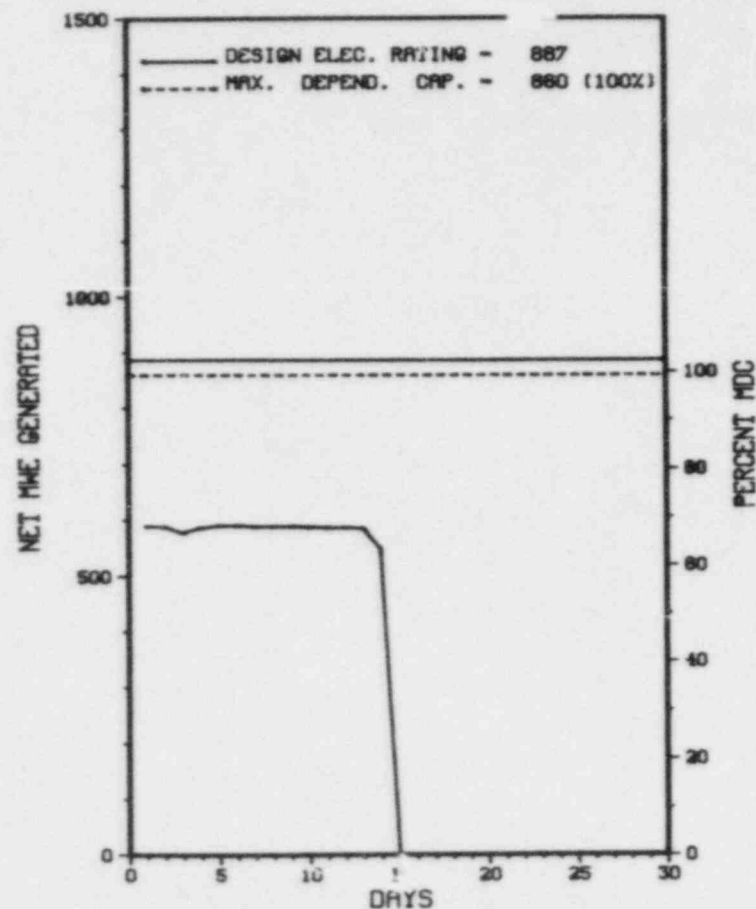
11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>94,752.0</u>
13. Hours Reactor Critical	<u>336.9</u>	<u>2,553.4</u>	<u>68,651.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>335.7</u>	<u>2,513.0</u>	<u>67,457.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>601,020</u>	<u>5,281,422</u>	<u>160,049,726</u>
18. Gross Elec Ener (MWH)	<u>208,136</u>	<u>1,799,056</u>	<u>54,526,972</u>
19. Net Elec Ener (MWH)	<u>192,115</u>	<u>1,697,072</u>	<u>51,806,605</u>
20. Unit Service Factor	<u>46.6</u>	<u>57.9</u>	<u>71.2</u>
21. Unit Avail Factor	<u>46.6</u>	<u>57.9</u>	<u>71.2</u>
22. Unit Cap Factor (MDC Net)	<u>31.0</u>	<u>45.4</u>	<u>63.4*</u>
23. Unit Cap Factor (DER Net)	<u>30.1</u>	<u>44.1</u>	<u>61.7*</u>
24. Unit Forced Outage Rate	<u>28.3</u>	<u>5.5</u>	<u>14.3</u>
25. Forced Outage Hours	<u>132.3</u>	<u>145.0</u>	<u>10,401.1</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: 07/04/85

* OCONEE 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
OCONEE 2



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* OCONEE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
17-P	06/01/85	F	0.0	A	5		CB	HEATEX	LIMITED DUE TO HIGH STEAM GENERATOR LEVEL.
18-P	06/02/85	F	0.0	A	5		HH	PUMPXX	SECURED HEATER DRAIN PUMP.
19-P	06/02/85	F	0.0	A	5		CB	HEATEX	LIMITED DUE TO HIGH STEAM GENERATOR LEVEL.
5	06/14/85	S	252.0	B	1		CB	HEATEX	STEAM GENERATOR PULSE CLEANING OUTAGE.
5A	06/25/85	F	71.5	A	4		CA	CONROD	CONTROL ROD DRIVE MECHANISM REPAIRS.
5B	06/28/85	F	60.8	A	1		CB	PUMPXX	REACTOR COOLANT PUMP SEAL FAILURE.

* SUMMARY *

OCONEE 2 INCURRED 3 SHUTDOWNS AND 3 POWER REDUCTIONS IN JUNE AS DESCRIBED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* OCONEE 2 *

FACILITY DATA

Report Period JUN 1985

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 5, 1973
DATE COMMERCIAL OPERATE...SEPTEMBER 9, 1974
CONDENSER COOLING METHOD...ONCF THRU
CONDENSER COOLING WATER...LAKE KEOWEE
ELECTRIC RELIABILITY
COUNCIL.....SOUTHEASTERN ELECTRIC
RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....DUKE POWER
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.....II
IE RESIDENT INSPECTOR.....J. BRYANT
LICENSING PROJ MANAGER.....H. NICOLARAS
DOCKET NUMBER.....50-270
LICENSE & DATE ISSUANCE...DPR-47, OCTOBER 6, 1973
PUBLIC DOCUMENT ROOM.....OCONEE COUNTY LIBRARY
501 W. SOUTH BROAD ST.
WALHALLA, SOUTH CAROLINA 29691

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION FEBRUARY 11 - MARCH 10 (85-03): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 98.5 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, REFUELING SHUTDOWN, MATERIAL SHIPMENT, LICENSEE EVENT REPORTS, AND INSPECTOR FOLLOWUP ITEMS. OF THE SEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN SIX AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (MATERIAL SHIPMENT - INADEQUATE PREPARATION; PARAGRAPH 9).

INSPECTION APRIL 22-26 (85-09): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 34.5 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 11 - MAY 13 (85-10): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 118 INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, PLANT TRIPS, INSPECTOR FOLLOWUP ITEMS, QUALITY ASSURANCE, AND PLANT STARTUP FROM REFUELING. OF THE SIX AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (VIOLATION 270/85-10-01; CONTROL ROD POSITION LIMITS EXCEEDED).

INSPECTION MAY 28-31 (85-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 5 INSPECTOR-HOURS ONSITE AT THE DUKE POWER COMPANY ENGINEERING OFFICES IN CHARLOTTE, N.C., IN THE AREAS OF SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS (IEB 79-14); PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHORS (IEB 79-02); AND LICENSEE IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAT.ED 7 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* OCONEE 2 *

INSPECTION SUMMARY

ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATION.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-270/85-14 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-002	04/21/85	05/21/85	REACTOR TRIP ON HIGH FLUX INDICATION, A MALFUNCTION IN PWR RANGE RECORDER.
85-003	04/24/85	05/21/85	ROD INDEX LIMIT CURVE VIOLATED, CONTROL RODS WERE POSITIONED BEYOND THAT ALLOWED.
85-004	04/22/85	05/31/85	REACTOR TRIP ON LOSS OF MAIN FEEDWATER, A SHORT CIRCUIT IN A TERMINAL BLOCK ON THE 2T TRANSFORMER.
85-005	04/26/85	05/28/85	REACTOR TRIP DUE TO HIGH REACTOR COOLANT SYSTEM PRESSURE, INITIATED BY SPURIOUS SIGNAL THAT ORIGINATED FROM W/IN ENC CABINET.

1. Docket: 50-287 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS (704) 373-7567

4. Licensed Thermal Power (MWt): 2568

5. Nameplate Rating (Gross MWe): 1038 X 0.9 = 934

6. Design Electrical Rating (Net MWe): 887

7. Maximum Dependable Capacity (Gross MWe): 899

8. Maximum Dependable Capacity (Net MWe): 860

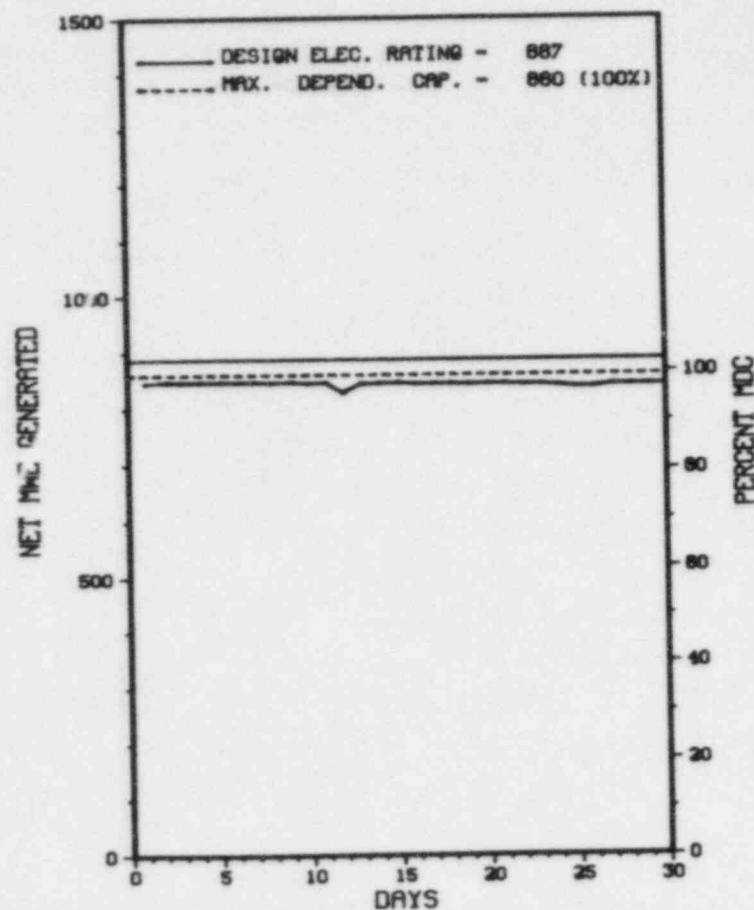
9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

* OCONEE 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
OCONEE 3



	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>92,399.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,089.5</u>	<u>67,320.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,085.3</u>	<u>66,144.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,850,041</u>	<u>10,330,976</u>	<u>162,128,016</u>
18. Gross Elec Ener (MWH)	<u>634,280</u>	<u>3,552,480</u>	<u>55,977,414</u>
19. Net Elec Ener (MWH)	<u>607,494</u>	<u>3,400,300</u>	<u>53,321,673</u>
20. Unit Service Factor	<u>100.0</u>	<u>94.1</u>	<u>71.6</u>
21. Unit Avail Factor	<u>100.0</u>	<u>94.1</u>	<u>71.6</u>
22. Unit Cap Factor (MDC Net)	<u>98.1</u>	<u>91.0</u>	<u>66.9*</u>
23. Unit Cap Factor (DER Net)	<u>95.1</u>	<u>88.3</u>	<u>65.1*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.9</u>	<u>13.9</u>
25. Forced Outage Hours	<u>.0</u>	<u>257.7</u>	<u>10,804.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

REFUELING - AUGUST 19, 1985 - 8 WEEKS

27. If Currently Shutdown Estimated Startup Date: N/A

JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * OCONEE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
16-P	06/12/85	S	0.0	B	5		CC	VALVEX	TURBINE VALVE MOVEMENT PT'S.

 * SUMMARY *

 OCONEE 3 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 1 POWER REDUCTION REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Opar Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NIREG-0161)

OCONEE 3

FACILITY DATA

Report Period JUN 1985

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 5, 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
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.....II
IE RESIDENT INSPECTOR.....J. BRYANT
LICENSING PROJ MANAGER.....H. NICOLARAS
DOCKET NUMBER.....50-287
LICENSE & DATE ISSUANCE....DPR-55, JULY 19, 1974
PUBLIC DOCUMENT ROOM.....OCONEE COUNTY LIBRARY
501 W. SOUTH BROAD ST.
WALHALLA, SOUTH CAROLINA 29691

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION FEBRUARY 11 - MARCH 10 (85-03): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 98 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, REFUELING SHUTDOWN, MATERIAL SHIPMENT, LICENSEE EVENT REPORTS, AND INSPECTOR FOLLOWUP ITEMS. OF THE SEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN SIX AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (MATERIAL SHIPMENT - INADEQUATE PREPARATION; PARAGRAPH 9).

INSPECTION APRIL 22-26 (85-09): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 34 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 11 - MAY 13 (85-10): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 118 INSPECTOR-HOURS ONSITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, PLANT TRIPS, INSPECTOR FOLLOWUP ITEMS, QUALITY ASSURANCE, AND PLANT STARTUP FROM REFUELING. OF THE SIX AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS; ONE ITEM OF NONCOMPLIANCE WAS FOUND IN ONE AREA (VIOLATION 270/85-10-01; CONTROL ROD POSITION LIMITS EXCEEDED).

INSPECTION MAY 28-31 (85-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 5 INSPECTOR-HOURS ONSITE AT THE DUKE POWER COMPANY ENGINEERING OFFICES IN CHARLOTTE, N.C., IN THE AREAS OF SEISMIC ANALYSIS FOR AS-BUILT SAFETY-RELATED PIPING SYSTEMS (IEB 79-14); PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHORS (IEB 79-02); AND LICENSEE IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 28-31 (85-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 7 INSPECTOR-HOURS ONSITE IN THE AREAS OF RADIOLOGICAL

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

ENVIRONMENTAL AND METEOROLOGICAL MONITORING PROGRAMS AND IMPLEMENTATION OF QUALITY ASSURANCE
AT DUKE POWER COMPANY'S ENVIRONMENTAL RADIOLOGICAL LABORATORY INCLUDING A REVIEW OF THE AUDITS AND APPRAISALS, STAFFING, AND
TRAINING PROGRAM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATION.

LAST IE SITE INSPECTION DATE: MAY 28-31, 1985 +

INSPECTION REPORT NO: 50-287/85-14 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

1. Docket: 50-219 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: JOSEPH R. MOLNAR (609) 971-4699

4. Licensed Thermal Power (MWh): 1930

5. Nameplate Rating (Gross MWe): 722 X .9 = 650

6. Design Electrical Rating (Net MWe): 650

7. Maximum Dependable Capacity (Gross MWe): 650

8. Maximum Dependable Capacity (Net MWe): 620

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

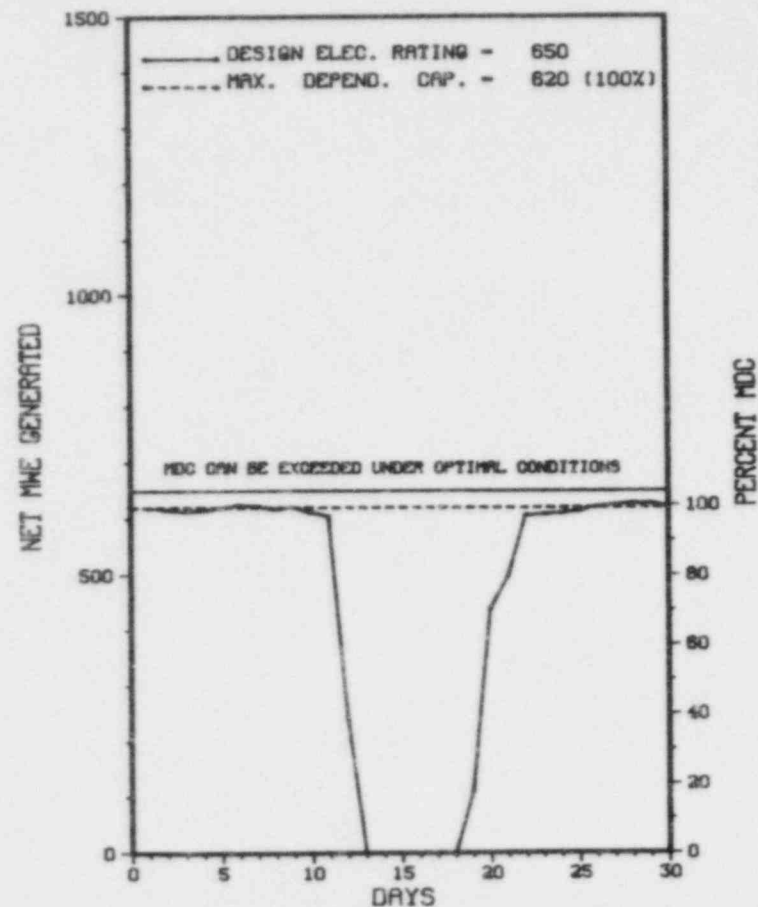
11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,543.0</u>	<u>136,055.0</u>
13. Hours Reactor Critical	<u>583.1</u>	<u>3,547.1</u>	<u>89,871.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>289.8</u>	<u>729.5</u>
15. Hrs Generator On-Line	<u>549.8</u>	<u>3,371.5</u>	<u>86,908.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>572.4</u>	<u>575.1</u>
17. Gross Therm Ener (MWH)	<u>1,025,000</u>	<u>5,881,940</u>	<u>143,220,800</u>
18. Gross Elec Ener (MWH)	<u>340,150</u>	<u>2,001,860</u>	<u>48,384,855</u>
19. Net Elec Ener (MWH)	<u>326,233</u>	<u>1,920,935</u>	<u>46,485,395</u>
20. Unit Service Factor	<u>76.4</u>	<u>77.6</u>	<u>63.9</u>
21. Unit Avail Factor	<u>76.4</u>	<u>90.8</u>	<u>64.3</u>
22. Unit Cap Factor (MDC Net)	<u>73.4</u>	<u>71.3</u>	<u>55.1*</u>
23. Unit Cap Factor (DER Net)	<u>69.7</u>	<u>68.0</u>	<u>52.6</u>
24. Unit Forced Outage Rate	<u>23.6</u>	<u>22.0</u>	<u>12.4</u>
25. Forced Outage Hours	<u>170.2</u>	<u>951.9</u>	<u>10,348.6</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>OCTOBER 1, 1985 - (1 MONTH)</u>		

27. If Currently Shutdown Estimated Startup Date: N/A

 * OYSTER CREEK 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT OYSTER CREEK 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * OYSTER CREEK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
37	06/12/85	F	170.2	A	3	85-012		ELECTRICAL PRESSURE REGULATOR CAUSED CLOSURE OF THE MAIN STEAM ISOLATION VALVES W HIGH RESULTED IN A FULL SCRAM.

 * SUMMARY *

 OYSTER CREEK 1 EXPERIENCED 1 SHUTDOWN IN JUNE BECAUSE OF AN MSIV CLOSURE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* OYSTER CREEK 1 *

FACILITY DATA

Report Period JUN 1985

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 3, 1969

DATE ELEC ENER 1ST GENER...SEPTEMBER 23, 1969

DATE COMMERCIAL OPERATE...DECEMBER 1, 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 CORPORATION

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.....I

IE RESIDENT INSPECTOR.....W. BATEMAN

LICENSING PROJ MANAGER.....J. DONOHEW
DOCKET NUMBER.....50-219

LICENSE & DATE ISSUANCE....DPR-16, AUGUST 1, 1969

PUBLIC DOCUMENT ROOM.....OCEAN COUNTY LIBRARY
101 WASHINGTON STREET
TOMS RIVER, NEW JERSEY 08753

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.8.1 REQUIRES, IN PART, THAT WRITTEN PROCEDURES BE ESTABLISHED AND IMPLEMENTED. PARAGRAPH 1.1 OF APPENDIX A TO STATION PROCEDURE 2201.1, REV. 30, APPROACH TO CRITICAL, REQUIRES IF MAINTENANCE HAS AFFECTED A SYSTEM'S OPERABILITY, A NEW LINEUP MUST BE VERIFIED. CONTRARY TO THE ABOVE, AS OF FEBRUARY 21, 1985, A PORTION OF THE CORE SPRAY INSTRUMENTATION WAS MODIFIED BUT A VALVE LINEUP WAS NOT PERFORMED. THIS RESULTED IN THE OPERATIONS DEPARTMENT FAILURE TO IDENTIFY FOUR INCORRECTLY POSITIONED LOCAL INSTRUMENT ISOLATION VALVES. IT ALSO RESULTED IN FAILURE OF THE OPERATIONS DEPARTMENT TO IDENTIFY STATION PROCEDURE 30B VALVE LINEUP DEFICIENCIES. THIS IS A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT 1). 10 CFR 20.205(B)(1) STATES THAT EACH LICENSEE, UPON RECEIPT OF A PACKAGE OF RADIOACTIVE MATERIAL, SHALL MONITOR THE EXTERNAL SURFACE OF THE PACKAGE FOR RADIOACTIVE CONTAMINATION CAUSED BY LEAKAGE OF THE RADIOACTIVE CONTENTS. THE MONITORING SHALL BE PERFORMED AS SOON AS PRACTICABLE AFTER RECEIPT, BUT NO LATER THAN THREE HOURS AFTER THE PACKAGE IS RECEIVED AT THE LICENSEE'S FACILITY IF RECEIVED DURING THE LICENSEE'S NORMAL WORKING HOURS. CONTRARY TO THE ABOVE, A PACKAGE OF RADIOACTIVE MATERIAL, NAMELY, THE TN9-1 CASK CONTAINING SPENT FUEL ELEMENTS, WAS RECEIVED AT THE OYSTER CREEK NUCLEAR GENERATING STATION AT ABOUT 3:00 P.M. (DURING NORMAL WORKING HOURS) ON JANUARY 31, 1985, AND MONITORING OF THE EXTERNAL SURFACES OF THE PACKAGE FOR RADIOACTIVE CONTAMINATION WAS NOT PERFORMED UNTIL ABOUT 3:30 A.M. ON FEBRUARY 3, 1985, OVER 60 HOURS AFTER RECEIPT OF THE PACKAGE. 10 CFR 71.5(A) STATES, IN PART,

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* OYSTER CREEK 1 *

ENFORCEMENT SUMMARY

THAT EACH LICENSEE WHO DELIVERS LICENSED MATERIAL TO A CARRIER FOR TRANSPORT, SHALL COMPLY WITH THE APPLICABLE DOT REGULATIONS IN 49 CFR PARTS 170 THROUGH 189 APPROPRIATE TO THE MODE OF TRANSPORT. 49 CFR 173.443(A) AND (B) STATE, IN PART, THAT THE LEVEL OF NONFIXED (REMOVABLE) RADIOACTIVE CONTAMINATION ON EXTERNAL SURFACES OF EACH PACKAGE OFFERED FOR SHIPMENT SHALL BE KEPT AS LOW AS PRACTICABLE. THE AMOUNT OF RADIOACTIVITY MEASURED ON ANY SINGLE WIPING MATERIAL WHEN AVERAGED OVER THE SURFACE WIPED SHALL NOT EXCEED 22,000 DPM BETA-GAMMA/100 CM2 AT ANY TIME DURING TRANSPORT IN AN EXCLUSIVE USE VEHICLE. WHEN OTHER METHODS OF ASSESSMENT OF NONFIXED CONTAMINATION LEVELS ARE USED, THE DETECTION EFFICIENCY OF THE METHOD USED SHALL BE TAKEN INTO ACCOUNT AND IN NO CASE SHALL THE NONFIXED CONTAMINATION ON THE EXTERNAL SURFACES OF THE PACKAGE EXCEED TEN TIMES THE ABOVE LIMIT (220,000 DPM/100CM2). CONTRARY TO THE ABOVE ON FEBRUARY 3, 1985, THE LEVEL OF NONFIXED RADIOACTIVE CONTAMINATION ON THE EXTERNAL SURFACE OF THE TN9-1 CASK CONTAINING SPENT FUEL ASSEMBLIES AND RECEIVED ON JANUARY 31, 1985 WAS IN EXCESS OF 220,000 DPM BETA-GAMMA/100 CM2. SPECIFICALLY, THE CONTAMINATION LEVELS WERE 455,000 AND 400,000 DPM BETA-GAMMA/100 CM2 AT SURVEY LOCATIONS 10 AND 15. (8500 4)

TECHNICAL SPECIFICATION 6.15 REQUIRES, IN PART, THE ESTABLISHMENT AND IMPLEMENTATION OF A PROGRAM TO REDUCE LEAKAGE FROM SYSTEMS OUTSIDE CONTAINMENT THAT WOULD OR COULD CONTAIN HIGHLY RADIOACTIVE FLUIDS DURING A SERIOUS TRANSIENT OR ACCIDENT. THIS PROGRAM SHALL INCLUDE SYSTEM LEAK TEST REQUIREMENTS, TO THE EXTENT PERMITTED BY SYSTEM DESIGN AND RADIOLOGICAL CONDITIONS, FOR EACH SYSTEM AT A FREQUENCY NOT TO EXCEED REFUELING CYCLE INTERVALS. CONTRARY TO THE ABOVE, AS OF FEBRUARY 5, 1985, SYSTEM INTERNAL LEAKAGE TEST REQUIREMENTS FOR EACH SYSTEM SPECIFIED IN PARAGRAPH 6.15 HAVE NOT BEEN ESTABLISHED. THIS IS A SEVERITY LEVEL V VIOLATION (SUPPLEMENT 1). (8500 5)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

Report Period JUN 1985

REPORTS FROM LICENSEE

* OYSTER CREEK 1 *

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			

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1. Docket: 50-255 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: P. A. SMITH (616) 764-8913

4. Licensed Thermal Power (MWt): 2530

5. Nameplate Rating (Gross MWe): 955 X 0.85 = 812

6. Design Electrical Rating (Net MWe): 805

7. Maximum Dependable Capacity (Gross MWe): 675

8. Maximum Dependable Capacity (Net MWe): 635

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>118,622.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>65,153.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,317.7</u>	<u>61,932.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,708,032</u>	<u>10,380,552</u>	<u>128,463,504</u>
18. Gross Elec Ener (MWH)	<u>540,570</u>	<u>3,324,960</u>	<u>39,942,750</u>
19. Net Elec Ener (MWH)	<u>512,013</u>	<u>3,154,074</u>	<u>37,593,637</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.4</u>	<u>52.2</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.4</u>	<u>52.2</u>
22. Unit Cap Factor (MDC Net)	<u>112.0</u>	<u>114.4</u>	<u>49.9</u>
23. Unit Cap Factor (DER Net)	<u>88.3</u>	<u>90.2</u>	<u>39.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.6</u>	<u>31.9</u>
25. Forced Outage Hours	<u>.0</u>	<u>25.3</u>	<u>14,924.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

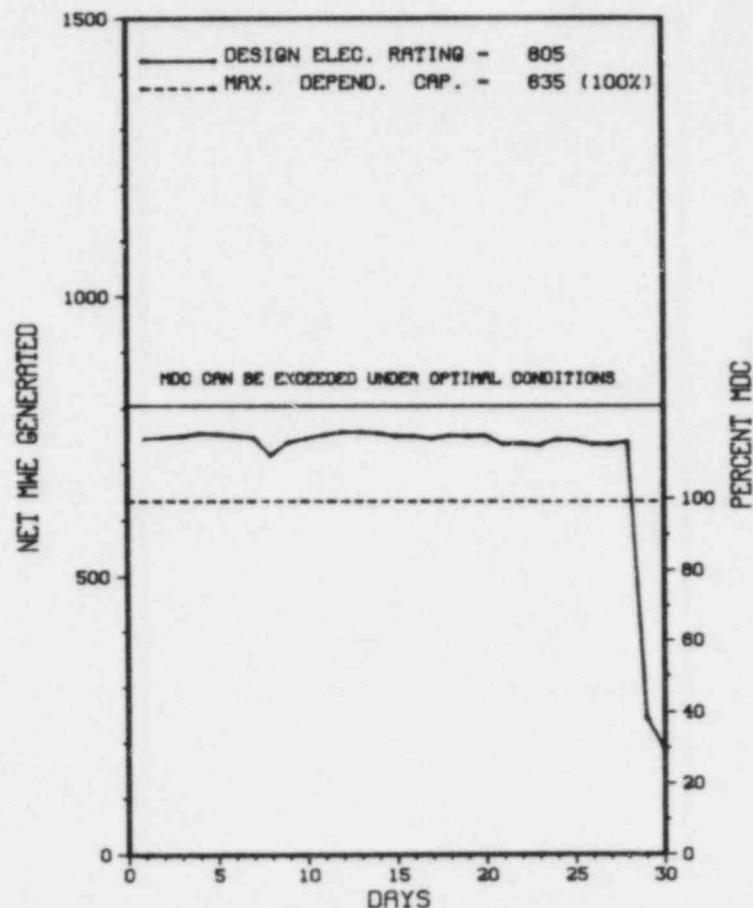
REFUELING OUTAGE: SCHEDULED DECEMBER 1, 1985

27. If Currently Shutdown Estimated Startup Date: N/A

* PALISADES *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PALISADES



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * PALISADES *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	06/28/85	S	0.0	B	5				POWER REDUCTION TO ADD OIL TO PRIMARY COOLANT PUMP P-500 AND TO PERFORM MISCELLANEOUS MAINTENANCE ACTIVITIES.

 * SUMMARY *

PALISADES OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 1 POWER REDUCTION REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* PALISADES *

FACILITY DATA

Report Period JUN 1985

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

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.....III

IE RESIDENT INSPECTOR.....E. SWANSON

LICENSING PROJ MANAGER.....T. WAMBACH
DOCKET NUMBER.....50-255

LICENSE & DATE ISSUANCE...DPR-20, OCTOBER 16, 1972

PUBLIC DOCUMENT ROOM.....VAN ZOEREN LIBRARY
HOPE COLLEGE
HOLLAND, MICHIGAN
49423 49007

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 1, 11 AND 16, MAY 1, 2, 6, 7 AND 8 (85009): SPECIAL ANNOUNCED INSPECTION OF AN ALLEGATION PERTAINING TO CHEATING ON A WEEKLY AUXILIARY OPERATOR QUIZ. THE INSPECTION INVOLVED A TOTAL OF 14 INSPECTOR-HOURS ON SITE AND 12.5 INSPECTOR-HOURS IN THE REGIONAL OFFICE BY ONE NRC INSPECTOR. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 23-26 AND MAY 1-2, (85011): ROUTINE, UNANNOUNCED INSPECTION OF GASEOUS AND LIQUID RADIOACTIVE PROGRAM INCLUDING: EFFLUENT RELEASES; RECORDS AND REPORTS OF EFFLUENTS; EFFLUENT CONTROL INSTRUMENTATION; PROCEDURES FOR CONTROLLING RELEASES; PRIMARY AND SECONDARY CHEMISTRY; AND AUDITS. THE INSPECTION INVOLVED 50 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. ONE VIOLATION WAS IDENTIFIED (FAILURE TO FOLLOW LIQUID RADWASTE RELEASE PROCEDURES).

INSPECTION ON MAY 10 THROUGH JUNE 10 (85013): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTOR OF PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; ORGANIZATION AND ADMINISTRATION; LERS; AND INDEPENDENT INSPECTION AREAS. THE INSPECTION INVOLVED A TOTAL OF 174 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS INCLUDING 23 INSPECTOR-HOURS ON SITE DURING OFF-SHIFTS. OF THE SEVEN AREAS INSPECTED NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

INSPECTION STATUS - (CONTINUED)

PAGE 2-239

1. Docket: 50-528 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: MARY P. RICHARDSON (602) 932-5300

4. Licensed Thermal Power (MWh): 3800

5. Nameplate Rating (Gross MWe): 1304

6. Design Electrical Rating (Net MWe): 1270

7. Maximum Dependable Capacity (Gross MWe): 1270

8. Maximum Dependable Capacity (Net MWe): 1270

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: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>482.6</u>	<u>482.6</u>	<u>482.6</u>
13. Hours Reactor Critical	<u>424.6</u>	<u>424.6</u>	<u>424.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>373.0</u>	<u>373.0</u>	<u>373.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>328,821</u>	<u>328,821</u>	<u>328,821</u>
18. Gross Elec Ener (MWH)	<u>60,200</u>	<u>60,200</u>	<u>60,200</u>
19. Net Elec Ener (MWH)	<u>30,792</u>	<u>30,792</u>	<u>30,792</u>
20. Unit Service Factor			
21. Unit Avail Factor		NOT IN	
22. Unit Cap Factor (MDC Net)		COMMERCIAL	
23. Unit Cap Factor (DER Net)		OPERATION	
24. Unit Forced Outage Rate			
25. Forced Outage Hours	<u>109.6</u>	<u>109.6</u>	<u>109.6</u>

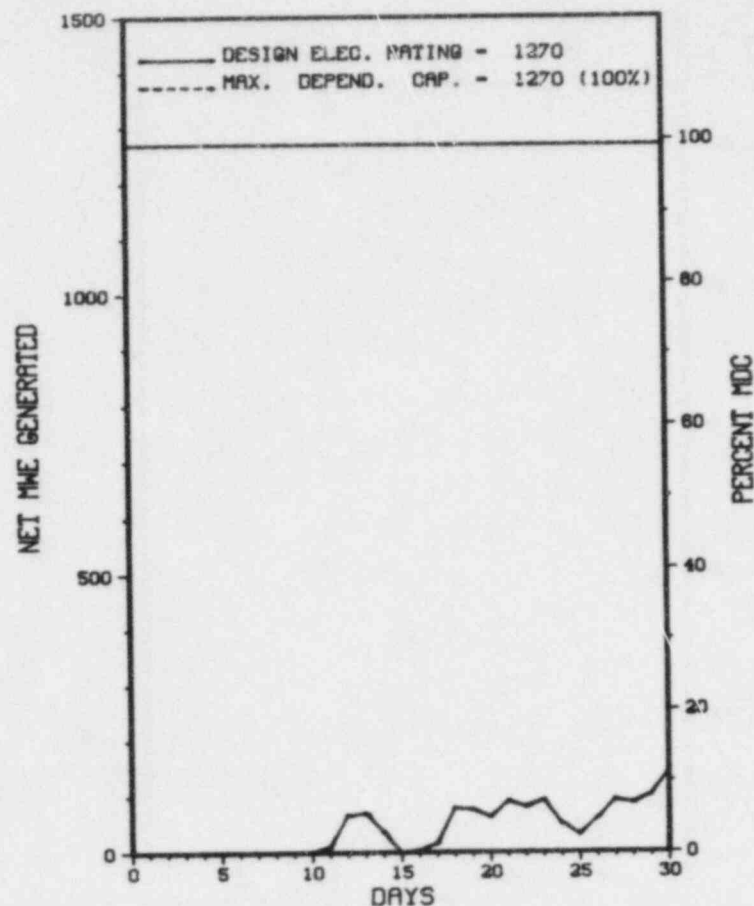
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* PALO VERDE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PALO VERDE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * PALO VERDE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
1	06/10/85	F	18.0	A	3		HB	VALVOP	FEEDWATER PUMP TRIP.
2	06/14/85	F	58.0	A	3	85-019	HB	VALVOP	FEEDWATER PUMP TRIP.
3	06/17/85	F	17.5	A	3				FEEDWATER PUMP TRIP CAUSED BY IMPROPER OPERATION OF MINI-FLOW CONTROL VALVE.
4	06/24/85	F	16.1	A	3				MAIN STEAM LINE DAMAGE CAUSED BY PRESSURE POINT ISOLATION VALVE.

 * SUMMARY *

 PALO VERDE 1 GENERATED INITIAL ELECTRICITY ON JUNE 10, 1985 AND OPERATED ROUTINELY THE REMAINDER OF THE MONTH.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

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*****  
*          PALO VERDE 1          *  
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FACILITY DATA

Report Period JUN 1985

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....*****
CONDENSER COOLING METHOD...COOLING TOWERS
CONDENSER COOLING WATER...TREATED SEWAGE
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

```
UTILITY
LICENSEE.....ARIZONA PUBLIC SERVICE
CORPORATE ADDRESS.....P.O. BOX 21666
                                PHOENIX, ARIZONA 85036
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....GENERAL ELECTRIC
```

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....V
IE RESIDENT INSPECTOR.....R.ZIMMERMAN
LICENSING PROJ MANAGER.....E. LICITRA
DOCKET NUMBER.....50-528
LICENSE & DATE ISSUANCE...NPF-34, JUNE 1, 1985
PUBLIC DOCUMENT ROOM.....MS STEFANIE MORITZ
DOCUMENTS LIBRARIAN
PHOENIX PUBLIC LIBRARY
12 EAST MCDOWELL ROAD
PHOENIX, ARIZONA 85004

INSPECTION SUMMARY

INFO. NOT SUPPLIED BY REGION

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

INFO. NOT SUPPLIED BY REGION

FACILITY ITEMS (PLANS AND PROCEDURES):

INFO. NOT SUPPLIED BY REGION

MANAGERIAL ITEMS:

INSPECTION STATUS

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* PALO VERDE 1 *

INFO. NOT SUPPLIED BY REGION

PLANT STATUS:

INFO. NOT SUPPLIED BY REGION

LAST IE SITE INSPECTION DATE: INFO. NOT SUPPLIED BY REGION

INSPECTION REPORT NO: INFO. NOT SUPPLIED BY REGION

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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INFO. NOT SUPPLIED BY REGION

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1. Docket: 50-277 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: W. M. Alden (215) 841-5022

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 1152

6. Design Electrical Rating (Net MWe): 1065

7. Maximum Dependable Capacity (Gross MWe): 1098

8. Maximum Dependable Capacity (Net MWe): 1051

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

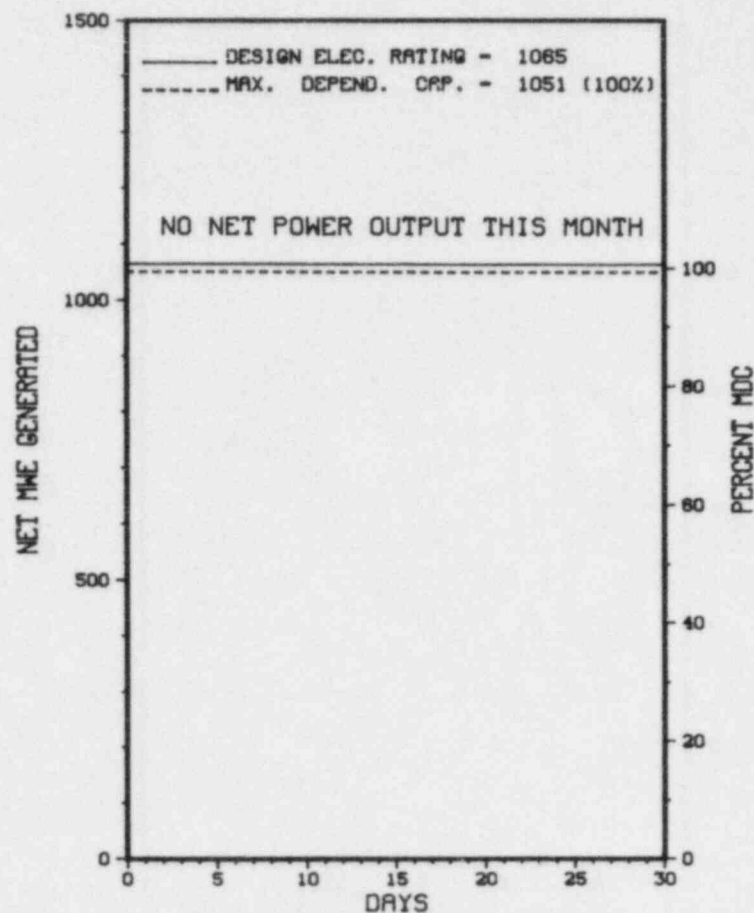
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>96,335.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>.0</u>	<u>62,283.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>.0</u>	<u>60,556.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>0</u>	<u>178,420,001</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>58,718,660</u>
19. Net Elec Ener (MWH)	<u>-11,771</u>	<u>-48,241</u>	<u>56,214,097</u>
20. Unit Service Factor	<u>.0</u>	<u>.0</u>	<u>62.9</u>
21. Unit Avail Factor	<u>.0</u>	<u>.0</u>	<u>62.9</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>.0</u>	<u>55.5</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>.0</u>	<u>54.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>12.5</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>8,628.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: 07/13/85

* PEACH BOTTOM 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PEACH BOTTOM 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* PEACH BOTTOM 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
1	04/27/84	S	720.0	C	4		RC	FUELXX	SHUTDOWN FOR ITS SIXTH REFUELING, MAINTENANCE, AND MAJOR MODIFICATION OUTAGE.

* SUMMARY *

PEACH BOTTOM 2 REMAINS SHUT DOWN FOR REFUELING AND MAINTENANCE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* PEACH BOTTOM 2 *

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

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....PENNSYLVANIA
COUNTY.....YORK
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...19 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 5, 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
CORPORATE ADDRESS.....2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19105
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....T. JOHNSON
LICENSING PROJ MANAGER.....G. GEARS
DOCKET NUMBER.....50-277
LICENSE & DATE ISSUANCE....DPR-44, DECEMBER 14, 1973
PUBLIC DOCUMENT ROOM.....GOVERNMENT PUBLICATIONS SECTION
STATE LIBRARY OF PENNSYLVANIA
FORUM BUILDING
COMMONWEALTH AND WALNUT STREET
HARRISBURG, PENNSYLVANIA 17105

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* PEACH BOTTOM 2 *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPGRT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

=====

1. Docket: 50-278 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: W. M. Alden (215) 841-5022

4. Licensed Thermal Power (MWt): 3293

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 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: NONE

* PEACH BOTTOM 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PEACH BOTTOM 3

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

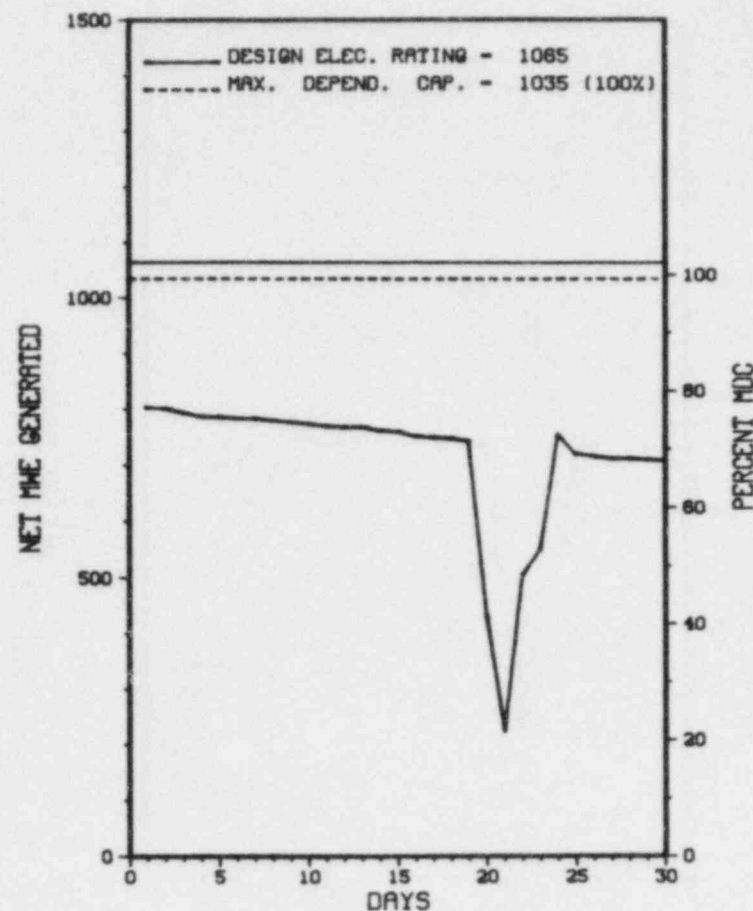
11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>92,231.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,704.7</u>	<u>68,262.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,653.3</u>	<u>66,518.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,732,536</u>	<u>10,017,600</u>	<u>194,217,408</u>
18. Gross Elec Ener (MWH)	<u>546,000</u>	<u>3,249,600</u>	<u>63,757,140</u>
19. Net Elec Ener (MWH)	<u>514,669</u>	<u>3,104,625</u>	<u>61,213,927</u>
20. Unit Service Factor	<u>100.0</u>	<u>84.1</u>	<u>72.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>84.1</u>	<u>72.1</u>
22. Unit Cap Factor (MDC Net)	<u>69.1</u>	<u>69.1</u>	<u>64.1</u>
23. Unit Cap Factor (DER Net)	<u>67.1</u>	<u>67.1</u>	<u>62.3</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.9</u>	<u>7.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>31.5</u>	<u>5,126.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

REFUELING & MAINT. OUTAGE: 7/14/85 - 10/15/85

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* PEACH BOTTOM 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
10	06/20/85	F	0.0	B	5		HB	RECOMB	POWER REDUCED TO INVESTIGATE VACUUM LEAK AND REPAIR THE 3A RECOMBINER COMPRESSOR.
11	06/23/85	F	0.0	B	5		HC	HTEXCH	POWER REDUCED TO REPAIR LEAKS IN THE B1 WATER BOX.

* SUMMARY *

PEACH BOTTOM 3 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 2 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* PEACH BOTTOM 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....PENNSYLVANIA
COUNTY.....YORK
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...19 MI S OF
LANCASTER, PA
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...AUGUST 7, 1974
DATE ELEC ENER 1ST GENER...SEPTEMBER 1 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
CORPORATE ADDRESS.....2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19105
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....T. JOHNSON
LICENSING PROJ MANAGER.....G. GEARS
DOCKET NUMBER.....50-278
LICENSE & DATE ISSUANCE...DPR-56, JULY 2, 1974
PUBLIC DOCUMENT ROOM.....GOVERNMENT PUBLICATIONS SECTION
STATE LIBRARY OF PENNSYLVANIA
FORUM BUILDING
COMMONWEALTH AND WALNUT STREET
HARRISBURG, PENNSYLVANIA 17105

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* PEACH BOTTOM 3 *

OTHER ITEMS

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

1. Docket: 50-293 OPERATING STATUS

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: P. HAMILTON (617) 746-7900

4. Licensed Thermal Power (MWt): 1998

5. Nameplate Rating (Gross MWe): 780 X 0.87 = 678

6. Design Electrical Rating (Net MWe): 655

7. Maximum Dependable Capacity (Gross MWe): 690

8. Maximum Dependable Capacity (Net MWe): 670

9. If Changes Occur Above Since Last Report, Give Reasons:
ITEMS 7 & 8 RE-EVALUATED.

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

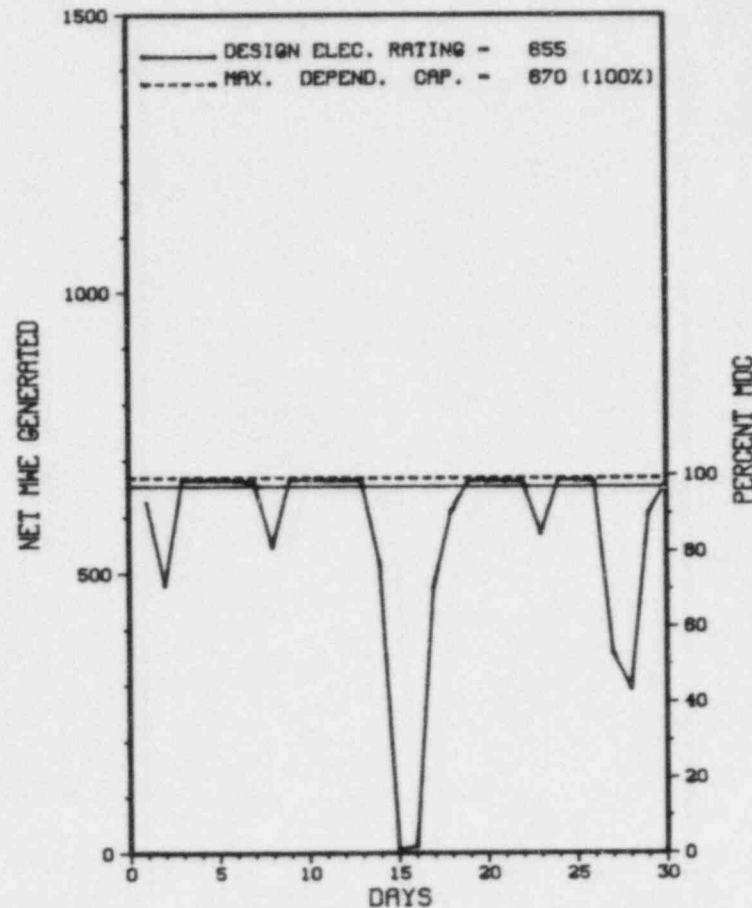
11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>110,087.0</u>
13. Hours Reactor Critical	<u>693.5</u>	<u>3,869.5</u>	<u>73,773.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>676.5</u>	<u>3,756.3</u>	<u>71,312.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,243,536</u>	<u>6,793,368</u>	<u>124,225,344</u>
18. Gross Elec Ener (MWH)	<u>426,070</u>	<u>2,336,060</u>	<u>41,568,274</u>
19. Net Elec Ener (MWH)	<u>410,000</u>	<u>2,246,937</u>	<u>39,943,864</u>
20. Unit Service Factor	<u>94.0</u>	<u>86.5</u>	<u>64.8</u>
21. Unit Avail Factor	<u>94.0</u>	<u>86.5</u>	<u>64.8</u>
22. Unit Cap Factor (MDC Net)	<u>85.0</u>	<u>77.8</u>	<u>54.2</u>
23. Unit Cap Factor (DER Net)	<u>86.9</u>	<u>79.0</u>	<u>55.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>12.6</u>	<u>9.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>543.2</u>	<u>7,385.7</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

* PILGRIM 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PILGRIM 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* PILGRIM 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
14	06/02/85	S	0.0	H	5		ZZ	ZZZZZZ	REDUCED POWER TO BACKWASH MAIN CONDENSER.
15	06/15/85	S	43.5	B	3	85-014	ZZ	ZZZZZZ	TOOK UNIT OFF-LINE FOR PLANNED TURBINE MAINTENANCE. RX SCRAMMED ON HIGH LEVEL WHILE OFF-LINE.
16	06/27/85	F	0.0	H	5		ZZ	ZZZZZZ	REDUCED POWER DUE TO FOULED TRAVELLING SCREENS FROM HEAVY SEAS.

* SUMMARY *

PILGRIM 1 HAD 1 SHUTDOWN IN JUNE FOR TURBINE MAINTENANCE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* PILGRIM 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MASSACHUSETTS
COUNTY.....PLYMOUTH
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...4 MI SE OF
PLYMOUTH, MASS
TYPE OF REACTOR.....BWR
DATE INITIAL CRITICALITY...JUNE 16, 1972
DATE ELEC ENER 1ST GENER...JULY 19, 1972
DATE COMMERCIAL OPERATE...DECEMBER 1, 1972
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER....CAPE COD BAY
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....BOSTON EDISON
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.....I
IE RESIDENT INSPECTOR.....J. JOHNSON
LICENSING PROJ MANAGER....P. LEECH
DOCKET NUMBER.....50-293
LICENSE & DATE ISSUANCE...DPR-35, SEPTEMBER 15, 1972
PUBLIC DOCUMENT ROOM.....PLYMOUTH PUBLIC LIBRARY
11 NORTH STREET
PLYMOUTH, MASSACHUSETTS 02360

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

CONTRARY TO 10 CFR 50, APPENDIX B, CRITERION XVI, "CORRECTIVE ACTION" AND THE BOSTON EDISON COMPANY QUALITY ASSURANCE MANUAL, SECTIONS 16, "CORRECTIVE ACTION," AND 18, "AUDITS"; CONDITIONS ADVERSE TO QUALITY WERE NOT PROMPTLY CORRECTED WHEN IDENTIFIED BY THE NUCLEAR OPERATIONS SURVEILLANCE MONITORING PROGRAM. CONTRARY TO TECHNICAL SPECIFICATION TABLE 4.1.1, THE HIGH FLUX, DOWNSCALE, AND INOPERATIVE SCRAM TRIPS FOR THE AVERAGE POWER RANGE MONITORS AND THE MAIN STOP VALVE CLOSURE ALARM WERE NOT FUNCTIONALLY TESTED AT MINIMUM REQUIRED FREQUENCIES. CONTRARY TO TECHNICAL SPECIFICATION TABLE 4.2.C, THE DOWNSCALE ROD BLOCK TRIPS FOR THE AVERAGE POWER RANGE MONITORS, THE UPSCALE AND DOWNSCALE TRIPS FOR THE ROD BLOCK MONITORS AND THE PORTION OF THE ROD BLOCK LOGIC SYSTEM WHICH IS OPERABLE IN THE RUN MODE WERE NOT FUNCTIONALLY TESTED AT MINIMUM REQUIRED FREQUENCIES. ALSO, THE ROD BLOCK MONITORS WERE NOT CALIBRATED AT THE MINIMUM REQUIRED FREQUENCY.

(8500 4)

CONTRARY TO 10 CFR 50 APPENDIX B, CRITERION VI, "DOCUMENT CONTROL," MEASURES WERE NOT ESTABLISHED TO ENSURE THAT THE CURRENT REVISION OF PROCEDURE 8.7.2.7, "MEASURE FLOW AND PRESSURE DROP ACROSS CONTROL ROOM ENVIRONMENT SYSTEM," WAS USED. CONTRARY TO 10

INSPECTION STATUS - (CONTINUED)

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*           PILGRIM 1           *
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CFR 50 APPENDIX B, CRITERION XII, "CONTROL OF MEASURING AND TEST EQUIPMENT," MEASURES WERE NOT TAKEN TO ASSURE THAT MEASURING AND TESTING EQUIPMENT USED IN ACTIVITIES AFFECTING QUALITY WERE REMOVED FROM SERVICE AT THE EXPIRATION OF EQUIPMENT CALIBRATION.
(8500 5)

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

1. Docket: 50-266 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: C. W. KRAUSE (414) 277-2001

4. Licensed Thermal Power (Mwt): 1518

5. Nameplate Rating (Gross MWe): 582 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

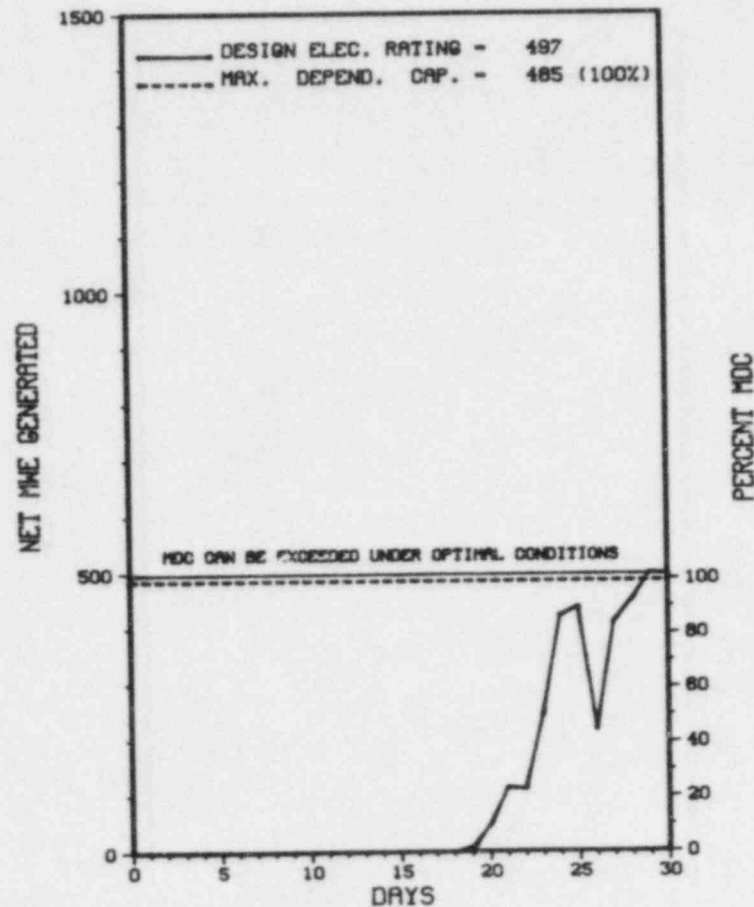
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>128,423.0</u>
13. Hours Reactor Critical	<u>294.0</u>	<u>2,563.0</u>	<u>103,061.6</u>
14. Rx Reserve Shtdwn Hrs	<u>4.7</u>	<u>4.7</u>	<u>634.4</u>
15. Hrs Generator On-Line	<u>252.5</u>	<u>2,512.2</u>	<u>100,499.7</u>
16. Unit Reserve Shtdwn Hrs	<u>1.5</u>	<u>1.5</u>	<u>804.0</u>
17. Gross Therm Ener (MWH)	<u>264,300</u>	<u>3,652,511</u>	<u>136,601,488</u>
18. Gross Elec Ener (MWH)	<u>88,750</u>	<u>1,253,610</u>	<u>45,898,850</u>
19. Net Elec Ener (MWH)	<u>81,460</u>	<u>1,197,524</u>	<u>43,674,614</u>
20. Unit Service Factor	<u>35.1</u>	<u>57.8</u>	<u>78.3</u>
21. Unit Avail Factor	<u>35.3</u>	<u>57.9</u>	<u>78.9</u>
22. Unit Cap Factor (MDC Net)	<u>23.3</u>	<u>56.9</u>	<u>69.6*</u>
23. Unit Cap Factor (DER Net)	<u>22.8</u>	<u>55.5</u>	<u>68.4</u>
24. Unit Forced Outage Rate	<u>2.7</u>	<u>.3</u>	<u>2.5</u>
25. Forced Outage Hours	<u>7.1</u>	<u>7.1</u>	<u>2,413.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* POINT BEACH 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT POINT BEACH 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* POINT BEACH 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
1	04/05/85	S	450.4	C	4		ZZ	ZZZZZZ	REFUELING OUTAGE CONCLUDES.
2	06/20/85	S	10.0	B	1		ZZ	ZZZZZZ	UNIT REMOVED FROM SERVICE TO COMPLETE TURBINE OVERSPEED TESTS.
3	06/26/85	F	7.1	A	3	85-003-00	EE	INVT	UNIT TRIPPED OFF LINE DUE TO BLOWN FUSE IN INVERTER 1DY03 AND SUBSEQUENT LOSS OF INSTRUMENT BUS. BLOWN FUSE CAUSED BY FAILED CIRCUIT BOARD WHICH WAS REPLACED.

* SUMMARY *

POINT BEACH 1 CONCLUDED REFUELING ON JUNE 19 AND INCURRED 2 ADDITIONAL SHUTDOWNS AS DISCUSSED ABOVE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* POINT BEACH 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....WISCONSIN
COUNTY.....MANITOWOC
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...15 MI N OF
MANITOWOC, WISC
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...NOVEMBER 2, 1970
DATE ELEC ENER 1ST GENER...NOVEMBER 6, 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 COMPANY
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.....III
IE RESIDENT INSPECTOR.....R. HAGUE
LICENSING PROJ MANAGER.....T. COLBURN
DOCKET NUMBER.....50-266
LICENSE & DATE ISSUANCE...DPR-24, OCTOBER 5, 1970
PUBLIC DOCUMENT ROOM.....JOSEPH MANN PUBLIC LIBRARY
1516 16TH ST.
TWO RIVERS, WISCONSIN 54241

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 1 THROUGH JUNE 6 (85004): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTORS OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; REFUELING ACTIVITIES; SURVEILLANCE - REFUELING; INDEPENDENT INSPECTION; IE CIRCULAR FOLLOW-UP; AND LICENSEE EVENT REPORT FOLLOW-UP. THE INSPECTION INVOLVED A TOTAL OF 436 INSPECTOR-HOURS ONSITE BY TWO INSPECTORS INCLUDING 82 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NONE

NONE

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 15 - 17, 1985

INSPECTION REPORT NO: 85014

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-02	05/15/85	06/17/85	FAILED FUEL CLAD IN ONE ROD OF ASSEMBLY H9

1. Docket: 50-301 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: C. W. KRAUSE (414) 277-2601

4. Licensed Thermal Power (MWt): 1518

5. Nameplate Rating (Gross MWe): 582 X 0.9 = 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: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>113,208.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>100,315.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>207.1</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,343.0</u>	<u>98,652.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>198.1</u>
17. Gross Therm Ener (MWH)	<u>1,081,247</u>	<u>6,536,038</u>	<u>138,289,010</u>
18. Gross Elec Ener (MWH)	<u>308,320</u>	<u>2,226,920</u>	<u>46,867,060</u>
19. Net Elec Ener (MWH)	<u>351,871</u>	<u>2,130,116</u>	<u>44,647,754</u>
20. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>87.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>100.0</u>	<u>87.3</u>
22. Unit Cap Factor (MDC Net)	<u>100.8</u>	<u>101.1</u>	<u>80.3*</u>
23. Unit Cap Factor (DER Net)	<u>98.3</u>	<u>98.7</u>	<u>79.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>1.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>697.2</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

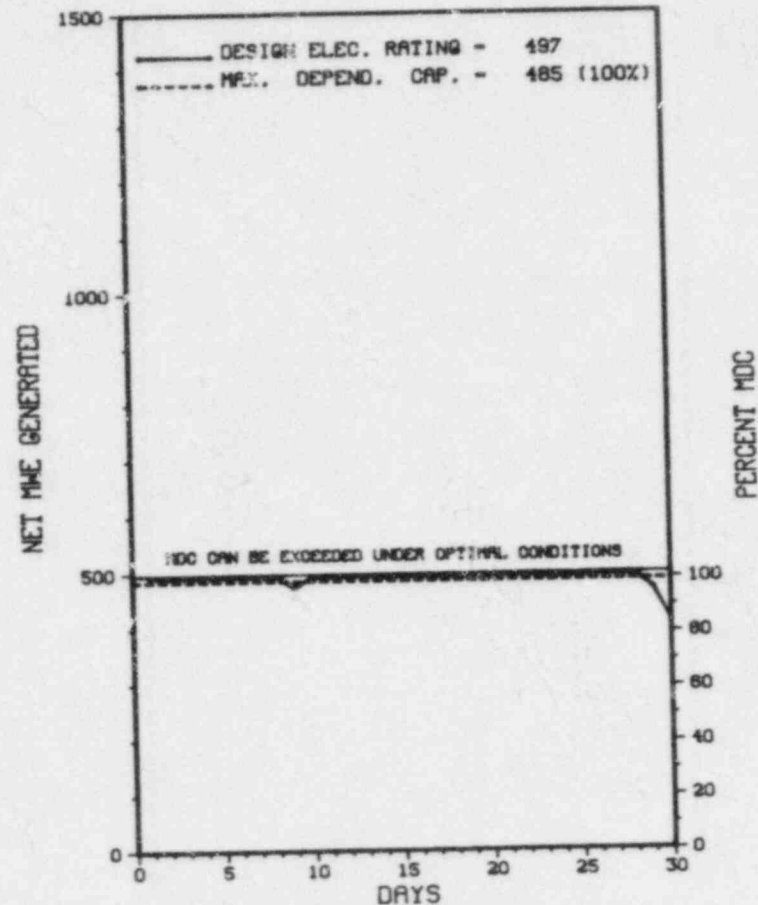
ANNUAL REFUELING OUTAGE: SEPT. 20, 1985.

27. If Currently Shutdown Estimated Startup Date: N/A

* POINT BEACH 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

POINT BEACH 2



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* POINT BEACH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

POINT BEACH 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* POINT BEACH 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....WISCONSIN
COUNTY.....MANITOWOC
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...15 MI N OF
MANITOWOC, WISC
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...MAY 30, 1972
DATE ELEC ENER 1ST GENER...AUGUST 2, 1972
DATE COMMERCIAL OPERATE...OCTOBER 1, 1972
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...LAKE MICHIGAN
ELECTRIC RELIABILITY
COUNCIL.....MID-AMERICA
INTERPOLE NETWORK

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....WISCONSIN ELECTRIC POWER COMPANY
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.....III
IE RESIDENT INSPECTOR.....R. HAGUE
LICENSING PROJ MANAGER.....T. COLBURN
DOCKET NUMBER.....50-301
LICENSE & DATE ISSUANCE...DPR-27, MARCH 8, 1973
PUBLIC DOCUMENT ROOM.....JOSEPH MANN PUBLIC LIBRARY
1516 16TH ST.
TWO RIVERS, WISCONSIN 54241

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 1 THROUGH JUNE 6 (85004): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTORS OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; REFUELING ACTIVITIES; SURVEILLANCE - REFUELING; INDEPENDENT INSPECTION; IE CIRCULAR FOLLOW-UP; AND LICENSEE EVENT REPORT FOLLOW-UP. THE INSPECTION INVOLVED A TOTAL OF 436 INSPECTOR-HOURS ONSITE BY TWO INSPECTORS INCLUDING 82 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON FEBRUARY 10 - APRIL 13 (85003; 85003): ROUTINE, UNANNOUNCED INSPECTION BY

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* POINT BEACH 2 *

OTHER ITEMS

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 15 - 17, 1985

INSPECTION REPORT NO: 85014

R E P O R T S F R O M L I C E N S E E

```
=====
NUMBER    DATE OF    DATE OF    SUBJECT
          EVENT     REPORT
-----
85-01     05/16/85    06/17/85    NUCLEAR INSTRUMENTATION RUNBACK
=====
```

1. Docket: 50-282 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: DALE DUGSTAD (612) 388-1121

4. Licensed Thermal Power (MWt): 1650

5. Nameplate Rating (Gross MWe): 659 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

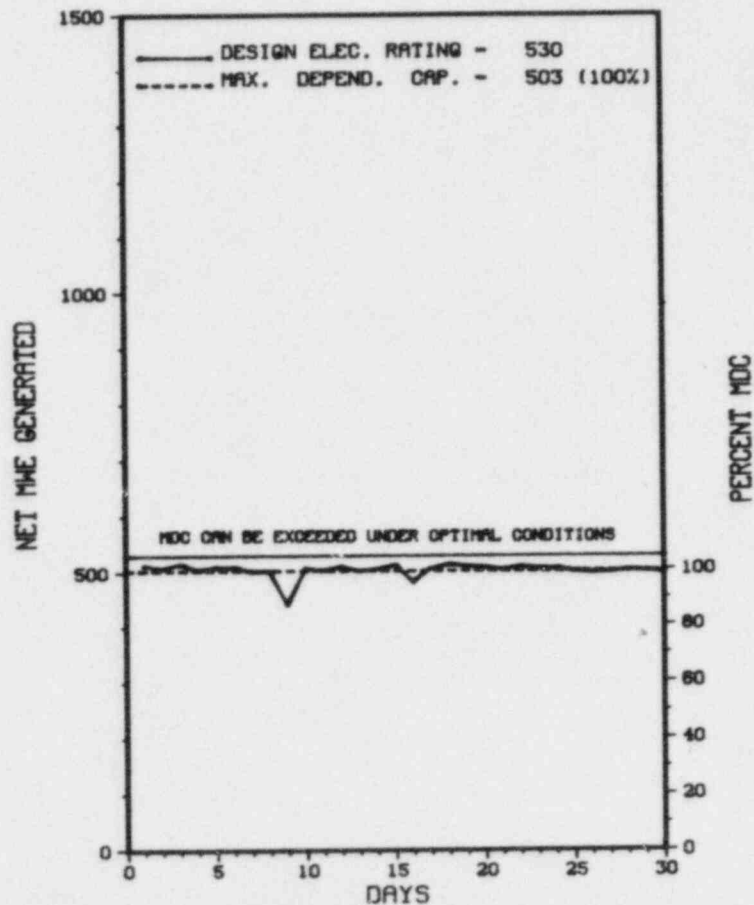
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>101,159.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>2,950.1</u>	<u>82,944.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>5,571.1</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>2,931.8</u>	<u>81,599.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,179,610</u>	<u>4,619,563</u>	<u>128,218,821</u>
18. Gross Elec Ener (MWH)	<u>386,190</u>	<u>1,516,720</u>	<u>41,808,820</u>
19. Net Elec Ener (MWH)	<u>362,656</u>	<u>1,421,398</u>	<u>39,172,216</u>
20. Unit Service Factor	<u>100.0</u>	<u>67.5</u>	<u>80.7</u>
21. Unit Avail Factor	<u>100.0</u>	<u>67.5</u>	<u>80.7</u>
22. Unit Cap Factor (MDC Net)	<u>100.1</u>	<u>65.1</u>	<u>77.0</u>
23. Unit Cap Factor (DER Net)	<u>95.0</u>	<u>61.8</u>	<u>73.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.0</u>	<u>8.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>29.4</u>	<u>3,376.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* PRAIRIE ISLAND 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PRAIRIE ISLAND 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * PRAIRIE ISLAND 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
	06/09/85	S	0.0	B	5				TURBINE VALVES TEST.
	06/16/85	S	0.0	H	5				LOAD FOLLOW.

 * SUMMARY *

 PRAIRIE ISLAND 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 2 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* PRAIRIE ISLAND 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MINNESOTA
COUNTY.....GOODHUE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...28 MI SE OF
MINNEAPOLIS, MINN
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...DECEMBER 1, 1973
DATE ELEC ENER 1ST CENER...DECEMBER 4, 1973
DATE COMMERCIAL OPERATE...DECEMBER 16, 1973
CONDENSER COOLING METHOD...COOLING TOWERS
CONDENSER COOLING WATER...MISSISSIPPI RIVER
ELECTRIC RELIABILITY
COUNCIL.....MID-CONTINENT AREA
RELIABILITY COORDINATION
AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NORTHERN STATES POWER
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.....III
IE RESIDENT INSPECTOR.....J. HARD
LICENSING PROJ MANAGER.....D. DIANNI
DOCKET NUMBER.....50-282
LICENSE & DATE ISSUANCE...DPR-42, APRIL 5, 1974
PUBLIC DOCUMENT ROOM.....ENVIRONMENTAL CONSERVATION LIBRARY
MINNEAPOLIS PUBLIC LIBRARY
300 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 13-15 (85007): ROUTINE, ANNOUNCED INSPECTION OF THE PRAIRIE ISLAND NUCLEAR GENERATING PLANT EMERGENCY PREPAREDNESS EXERCISE INVOLVING OBSERVATIONS BY SEVEN NRC REPRESENTATIVES OF KEY FUNCTIONS AND LOCATIONS DURING THE EXERCISE. THE INSPECTION INVOLVED 116 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS AND FOUR CONSULTANTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* PRAIRIE ISLAND 1 *

OTHER ITEMS

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JUNE 25 - 26, 1985

INSPECTION REPORT NO: 85015

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-09	05/08/85	06/07/85	REACTOR TRIP CAUSED BY BROKEN AIR LINE
85-10	05/09/85	06/10/85	REACTOR TRIP DURING RESTART
=====			

1. Docket: 50-306 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: DALE DUGSTAD (612) 388-1121

4. Licensed Thermal Power (MWt): 1650

5. Nameplate Rating (Gross MWe): 659 X 0.9 = 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:
NONE

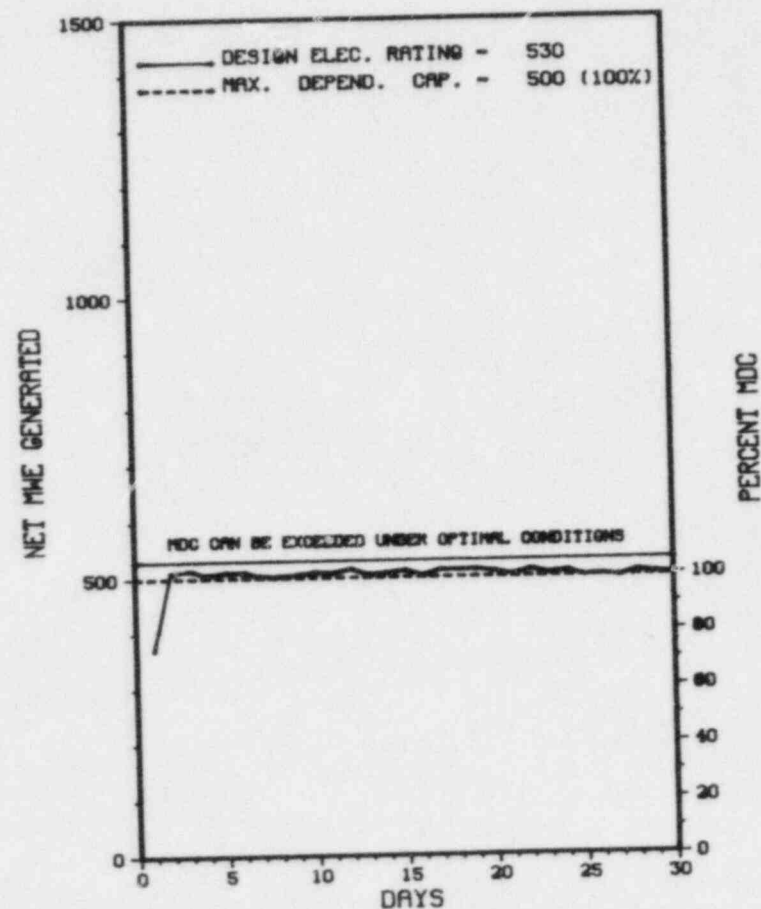
10. Power Level To Which Restricted, If Any (Net MWe): _____

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>92,277.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>80,437.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,516.1</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,343.0</u>	<u>79,467.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,173,509</u>	<u>7,062,250</u>	<u>125,222,482</u>
18. Gross Elec Ener (MWH)	<u>383,990</u>	<u>2,347,460</u>	<u>40,584,360</u>
19. Net Elec Ener (MWH)	<u>361,694</u>	<u>2,223,892</u>	<u>38,104,731</u>
20. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>86.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>100.0</u>	<u>86.1</u>
22. Unit Cap Factor (MDC Net)	<u>100.5</u>	<u>102.4</u>	<u>82.6</u>
23. Unit Cap Factor (DER Net)	<u>94.8</u>	<u>96.6</u>	<u>77.9</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>3.8</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>3,315.5</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>TEN YEAR OUTAGE IN SEPTEMBER 1985.</u>			
27. If Currently Shutdown Estimated Startup Date: <u>N/A</u>			

* PRAIRIE ISLAND 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
PRAIRIE ISLAND 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * PRAIRIE ISLAND 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
	06/01/85	S	0.0	B	5			CONDENSER CLEANING (AMERTAP SCREENS). TURBINE VALVES TEST.

***** PRAIRIE ISLAND 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.
 * SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram Instructions for
	C-Refueling	H-Other	3-Auto Scram Preparation of
	D-Regulatory Restriction		4-Continued Data Entry Sheet
	E-Operator Training		5-Reduced Load Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* PRAIRIE ISLAND 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MINNESOTA
COUNTY.....GOODHUE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...28 MI SE OF
MINNEAPOLIS, MINN
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 COORDINATION
AGREEMENT

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....NORTHERN STATES POWER
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.....III
IE RESIDENT INSPECTOR.....J. HARD
LICENSING PROJ MANAGER.....D. DIANNI
DOCKET NUMBER.....50-306
LICENSE & DATE ISSUANCE....DPR-60, OCTOBER 29, 1974
PUBLIC DOCUMENT ROOM.....ENVIRONMENTAL CONSERVATION LIBRARY
MINNEAPOLIS PUBLIC LIBRARY
300 NICOLLET MALL
MINNEAPOLIS, MINNESOTA 55401

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 13-15 (85006): ROUTINE, ANNOUNCED INSPECTION OF THE PRAIRIE ISLAND NUCLEAR GENERATING PLANT EMERGENCY PREPAREDNESS EXERCISE INVOLVING OBSERVATIONS BY SEVEN NRC REPRESENTATIVES OF KEY FUNCTIONS AND LOCATIONS DURING THE EXERCISE. THE INSPECTION INVOLVED 116 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS AND FOUR CONSULTANTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* PRAIRIE ISLAND 2 *

OTHER ITEMS

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JUNE 25 - 28, 1985

INSPECTION REPORT NO: 85012

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-02	02/18/85	06/07/85	CONTROL SWITCH FOR ONE DIESEL COOLING WATER PUMP

=====

1. Docket: 50-254 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: CAROL KRONICH (309) 654-2241 X193

4. Licensed Thermal Power (MWe): 2511

5. Nameplate Rating (Gross MWe): 920 X 0.9 = 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:
NONE

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

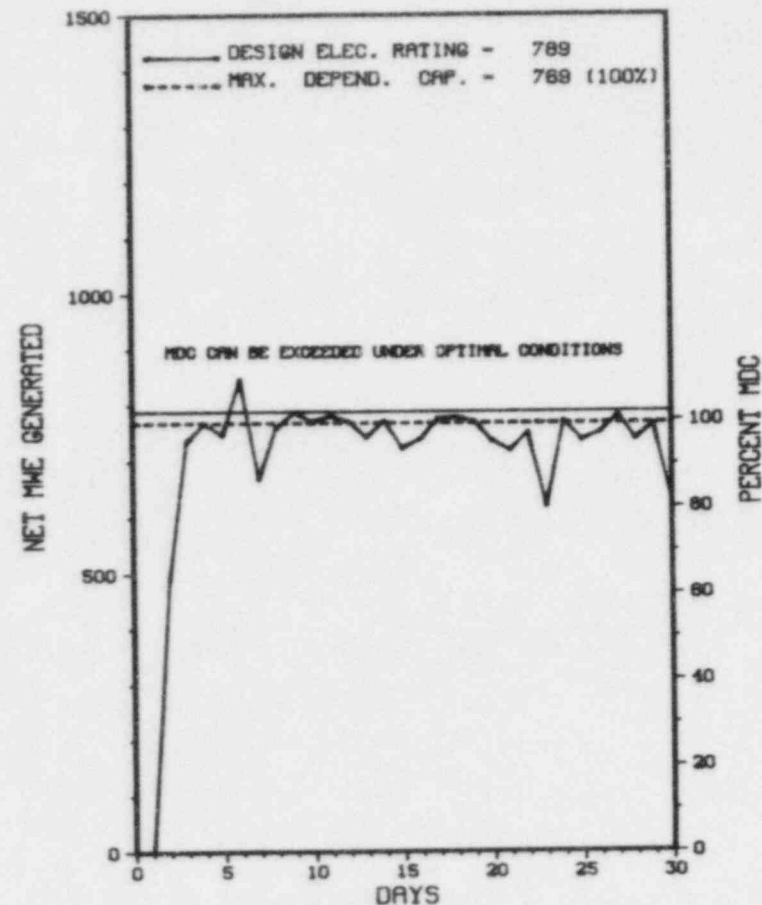
11. Reasons for Restrictions, If Any:
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>115,151.0</u>
13. Hours Reactor Critical	<u>706.4</u>	<u>4,094.0</u>	<u>92,416.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,421.9</u>
15. Hrs Generator On-Line	<u>698.1</u>	<u>4,036.4</u>	<u>89,070.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>909.2</u>
17. Gross Therm Ener (MWH)	<u>1,633,804</u>	<u>9,481,367</u>	<u>185,227,757</u>
18. Gross Elec Ener (MWH)	<u>538,583</u>	<u>3,133,845</u>	<u>59,911,408</u>
19. Net Elec Ener (MWH)	<u>515,297</u>	<u>3,000,576</u>	<u>55,955,571</u>
20. Unit Service Factor	<u>97.0</u>	<u>92.9</u>	<u>77.4</u>
21. Unit Avail Factor	<u>97.0</u>	<u>92.9</u>	<u>78.1</u>
22. Unit Cap Factor (MDC Net)	<u>93.1</u>	<u>89.8</u>	<u>63.2</u>
23. Unit Cap Factor (DER Net)	<u>90.7</u>	<u>87.6</u>	<u>61.6</u>
24. Unit Forced Outage Rate	<u>3.0</u>	<u>6.5</u>	<u>5.8</u>
25. Forced Outage Hours	<u>21.9</u>	<u>281.3</u>	<u>3,137.1</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

*****:*****
* QUAD CITIES 1 *
*****:*****

AVERAGE DAILY POWER LEVEL (MWe) PLOT QUAD CITIES 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * QUAD CITIES 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-29	05/30/85	F	21.9	H	4		CD	VALVEX	REACTOR SCRAM ON MSIV CLOSURE DUE TO FAULTY MAIN STEAM LINE LOW PRESSURE SIGNAL.
85-30	06/05/85	S	0.0	H	5		HA	TURBIN	REDUCED LOAD TO 700 MWE FOR WEEKLY TURBINE SURVEILLANCES.
85-31	06/17/85	F	0.0	D	5	85-08	ZZ	ZZZZZZ	COMMENCED ORDERLY SHUTDOWN DUE TO 1/2 DIESEL GENERATOR OUT OF SERVICE AND RHR SERVICE WATER PUMPS OUT OF SERVICE CONCURRENTLY (TERMINATED SHUTDOWN - 3.75 HRS).
85-32	06/23/85	S	0.0	H	5		ZZ	ZZZZZZ	REDUCED LOAD PER LOAD DISPATCHER.
85-33	06/30/85	S	0.0	H	5		RC	CONROD	REDUCED LOAD TO 550 MWE FOR CONTROL ROD PATTERN ADJUSTMENT.

***** QUAD CITIES 1 INCURRED 1 SHUTDOWN IN JUNE BECAUSE OF AN MSIV CLOSURE.

* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)
	F-Admin		
	G-Oper Error		
	H-Other		

* QUAD CITIES 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....ROCK ISLAND
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...20 MI NE OF
MOLINE, ILL
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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....A. MADISON
LICENSING PROJ MANAGER.....R. BEVAN
DOCKET NUMBER.....50-254
LICENSE & DATE ISSUANCE...DPR-29, DECEMBER 14, 1972
PUBLIC DOCUMENT ROOM.....MOLINE PUBLIC LIBRARY
504 17TH STREET
MOLINE, ILLINOIS 61265

INSPECTION STATUS

INSPECTION SUMMARY

NONE

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* QUAD CITIES 1 *

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

LOAD FOLLOWING ON ECONOMIC GENERATION CONTROL (EGC).

LAST IE SITE INSPECTION DATE: JULY 15 - 19, 1985

INSPECTION REPORT NO: 85023

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-02	05/09/85	06/06/85	NUMBER 4 TIP BALL VALVE FAILURE
85-03	05/17/85	06/14/85	GROUP II ISOLATION AND 'A' STANDBY GAS TREATMENT SYSTEM FAIL TO START
85-04	05/23/85	06/17/85	LOSS OF ESSENTIAL SERVICE BUS
85-05	03/07/85	04/02/85	UNIT 1 FUEL POOL MONITORS SPIKED HIGH
85-06	05/30/85	06/18/85	REACTOR SCRAM FROM GROUP I ISOLATION FROM RACK VIBRATION
85-07	05/31/85	06/24/85	FUEL POOL RADIATION MONITOR SPIKE HIGH AND START OF STANDBY GAS TREATMENT SYSTEM
85-12	03/27/85	04/22/85	1A FUEL POOL RADIATION MONITOR TRIP
85-14	04/03/85	04/17/85	1A FUEL POOL RADIATION MONITOR SPIKED HIGH
=====			

1. Docket: 50-265 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: CAROL KRONICH (309) 654-2241 X193

4. Licensed Thermal Power (MWt): 2511

5. Nameplate Rating (Gross MWe): 920 X 0.9 = 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:
NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>114,261.0</u>
13. Hours Reactor Critical	<u>601.0</u>	<u>2,231.9</u>	<u>87,138.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,985.8</u>
15. Hrs Generator On-Line	<u>551.3</u>	<u>2,159.9</u>	<u>84,209.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>702.9</u>
17. Gross Therm Ener (MWH)	<u>1,146,225</u>	<u>4,868,847</u>	<u>176,387,914</u>
18. Gross Elec Ener (MWH)	<u>369,085</u>	<u>1,586,566</u>	<u>56,239,955</u>
19. Net Elec Ener (MWH)	<u>352,439</u>	<u>1,515,097</u>	<u>52,833,896</u>
20. Unit Service Factor	<u>76.6</u>	<u>49.7</u>	<u>73.7</u>
21. Unit Avail Factor	<u>76.6</u>	<u>49.7</u>	<u>74.3</u>
22. Unit Cap Factor (MDC Net)	<u>63.7</u>	<u>45.4</u>	<u>60.1</u>
23. Unit Cap Factor (DER Net)	<u>62.0</u>	<u>44.2</u>	<u>58.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>8.1</u>	<u>8.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>191.5</u>	<u>3,818.2</u>

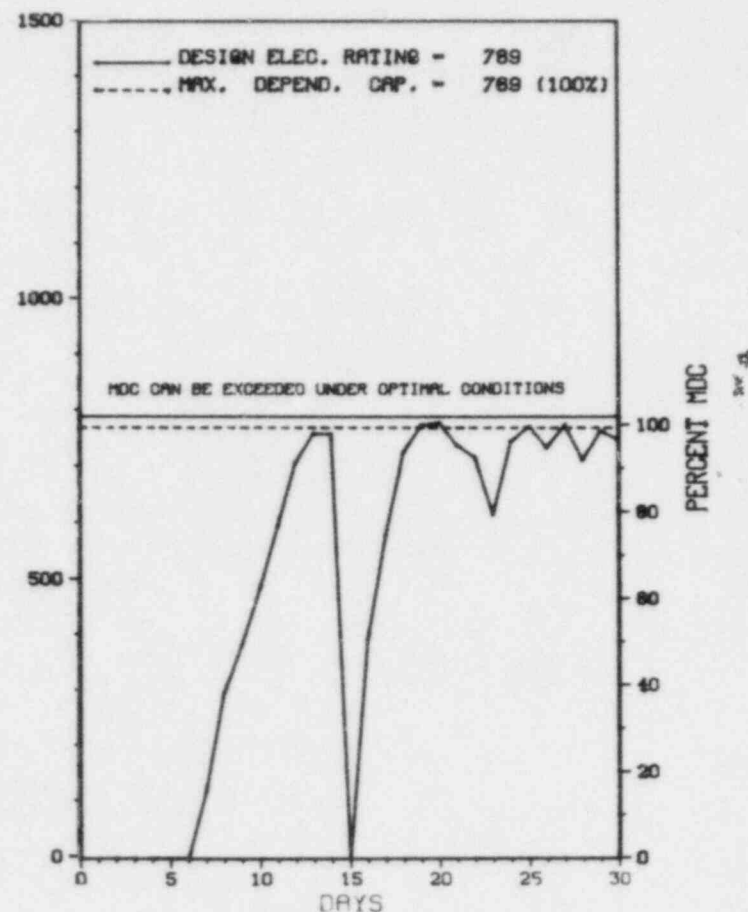
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* Q U A D C I T I E S 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT Q U A D C I T I E S 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* QUAD CITIES 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-20	03/17/85	S	147.1	C	4		RC	FUELXX	REFUELING AND MAINTENANCE CONCLUDE.
85-21	06/14/85	S	21.6	B	1		HB	XXXXXX	REDUCED LOAD AND PLACED UNIT ON HOT STANDBY TO REPAIR EHC OIL LEAK.
85-22	06/21/85	S	0.0	H	5		XX	ZZZZZZ	REDUCED LOAD TO 750 MWE TO PLACE UNIT ON ECONOMIC GENERATION CONTROL (EGC).
85-23	06/23/85	S	0.0	H	5		ZZ	ZZZZZZ	REDUCED LOAD PER LOAD DISPATCHER.
85-24	06/26/85	S	0.0	H	5		ZZ	ZZZZZZ	REDUCED LOAD PER LOAD DISPATCHER.
85-25	06/28/85	F	0.0	B	5		HH	HTEXCH	REDUCED LOAD FOR 2B FEEDWATER HEATER LEAK REPAIR.

* SUMMARY *

QUAD CITIES 2 CONCLUDED REFUELING JUNE 7 AND INCURRED 1 ADDITIONAL SHUTDOWN AND 4 POWER REDUCTIONS.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* QUAD CITIES 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....ROCK ISLAND
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...20 MI NE OF
MOLINE, ILL
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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....A. MADISON
LICENSING PROJ MANAGER.....R. BEVAN
DOCKET NUMBER.....50-265
LICENSE & DATE ISSUANCE...DPR-30, DECEMBER 14, 1972
PUBLIC DOCUMENT ROOM.....MOLINE PUBLIC LIBRARY
504 17TH STREET
MOLINE, ILLINOIS 61265

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 14-16 (85015): ROUTINE ANNOUNCED INSPECTION OF REFUELING PREPARATIONS AND REFUELING ACTIVITIES. THE INSPECTION INVOLVED A TOTAL OF 21 INSPECTOR-HOURS ONSITE BY 1 NRC INSPECTOR INCLUDING 1 INSPECTOR-HOUR ONSITE DURING OFF-SHIFTS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

INSPECTION STATUS - (CONTINUED)

*****QUAD CITIES 2*****

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 15 - 19, 1985

INSPECTION REPORT NO: 85026

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-02	01/29/85	02/19/85	UNIT 2 HPCI INOPERABLE
85-06	03/18/85	04/12/85	LEAK RATE FOR MAIN STEAM ISOLATION VALVES IN EXCESS OF TECHNICAL SPECIFICATIONS
85-07	03/18/85	04/15/85	LEAK RATE FROM ALL VALVES & PENETRATIONS IN EXCESS OF TECHNICAL SPECIFICATIONS
85-08	04/15/85	04/15/85	LINEAR INDICATION ON REACTOR RECIRCULATION SYSTEM WELDS
85-09	03/20/85	04/09/85	2A FUEL POOL RADIATION MONITOR TRIP
85-10	03/28/85	04/24/85	UNIT 2 REACTOR SCRAM AND LATE NOTIFICATION OF SCRAM
85-11	05/07/85	06/03/85	LOSS OF AUXILIARY POWER TO UNIT IN REFUELING AND UNIT 1 REACTOR SCRAM
85-12	05/20/85	06/17/85	GROUP II ISOLATION AND START OF STANDBY GAS TREATMENT SYSTEM
85-13	05/28/85	06/17/85	LOSS OF DIESEL GENERATORS TO UNIT 2
85-14	05/31/85	06/07/85	REACTOR SCRAM FROM PERFORMANCE OF QOS 1600-11

1. Docket: 50-312 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: RON COLOMBO (916) 452-3211

4. Licensed Thermal Power (MWt): 2772

5. Nameplate Rating (Gross MWe): 1070 X 0.9 = 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: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>89,448.0</u>
13. Hours Reactor Critical	<u>94.0</u>	<u>1,718.5</u>	<u>51,408.9</u>
14. Rx Reserve Shtdwn Hrs	<u>110.5</u>	<u>495.5</u>	<u>10,647.7</u>
15. Hrs Generator On-line	<u>.0</u>	<u>1,618.2</u>	<u>49,281.7</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>1,210.2</u>
17. Gross Therm Ener (MWH)	<u>11,640</u>	<u>4,066,973</u>	<u>122,040,490</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,366,846</u>	<u>40,803,989</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>1,289,988</u>	<u>38,431,863</u>
20. Unit Service Factor	<u>.0</u>	<u>37.3</u>	<u>55.1</u>
21. Unit Avail Factor	<u>.0</u>	<u>37.3</u>	<u>56.4</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>34.0</u>	<u>49.2</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>32.4</u>	<u>46.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>8.8</u>	<u>29.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>156.8</u>	<u>20,229.5</u>

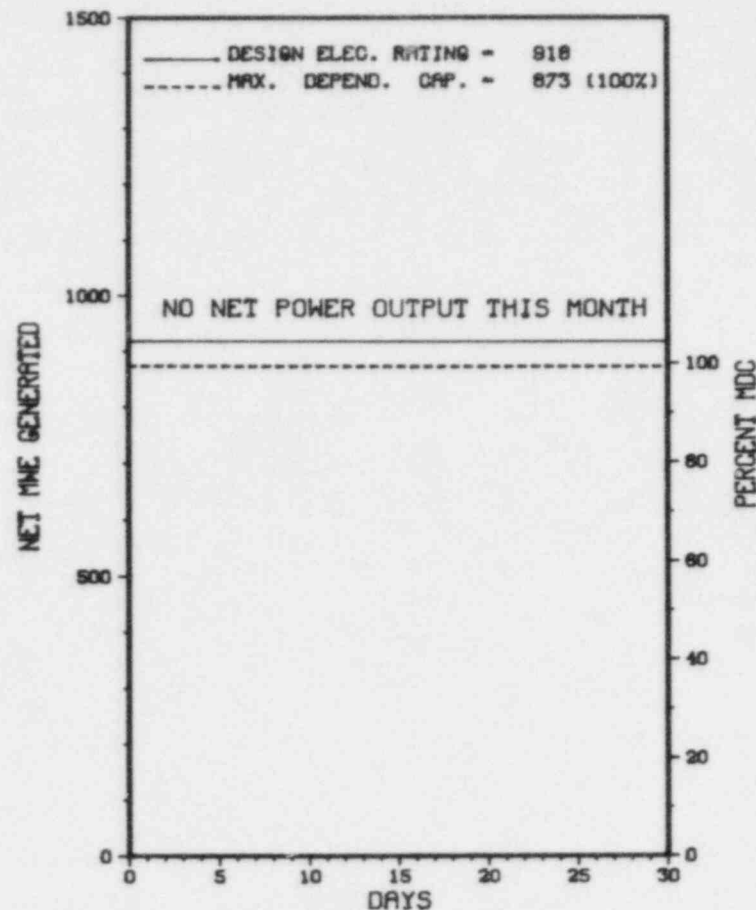
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: 08/02/85

 * RANCHO SECO 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 RANCHO SECO 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * RANCHO SECO 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5	03/15/85	S	720.0	C	4		ZZ	ZZZZZZ	SHUTDOWN FOR REFUELING CONTINUES.

 * SUMMARY *

RANCHO SECO 1 REMAINS SHUT DOWN FOR REFUELING.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* RANCHO SECO 1 *

FACILITY DATA

Report Period JUN 1985

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
COORDINATING 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.....V
IE RESIDENT INSPECTOR.....J. ECKHARD
LICENSING PROJ MANAGER.....S. MINER
DOCKET NUMBER.....50-312
LICENSE & DATE ISSUANCE...DPR-54, AUGUST 16, 1974
PUBLIC DOCUMENT ROOM.....BUSINESS AND MUNICIPAL DEPARTMENT
SACRAMENTO CITY - COUNTY LIBRARY
828 I STREET
SACRAMENTO, CALIFORNIA 95814

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH 14 - MAY 3, 1985 (REPORT NO. 50-312/85-08) AREAS INSPECTED: THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTORS INVOLVED THE AREAS OF OPERATIONAL SAFETY VERIFICATION, OBSERVATION OF REFUELING ACTIVITIES, EVALUATION OF THE BATTERY MAINTENANCE PROGRAM, SURVEILLANCE, MAINTENANCE OBSERVATIONS, AND PROCEDURE REVIEWS. THE INSPECTION INVOLVED 330 INSPECTOR-HOURS ONSITE BY TWO RESIDENT NRC INSPECTORS.

RESULTS: OF THE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED; ONE VIOLATION IN THE AREA OF BATTERY MAINTENANCE AND TESTING, AND ONE VIOLATION IN THE AREA OF NONCONFORMANCE REPORTS. ALSO, ONE UNRESOLVED ITEM IN THE AREA OF BATTERY TESTING WAS IDENTIFIED.

+ INSPECTION ON MAY 8-28, 1985 (REPORT NO. 50-312/85-12) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY A REGIONALLY BASED INSPECTOR OF RADIATION PROTECTION ACTIVITIES DURING REFUELING OUTAGE CONDITIONS; INCLUDING REVIEW AND AUDIT ACTIVITIES, ACTIONS TAKEN ON ENFORCEMENT AND FOLLOWUP ITEMS, EXTERNAL OCCUPATIONAL EXPOSURE, PERSONNEL DOSIMETRY, CONTAMINATION AND RADIATION SURVEY RECORD REVIEWS, RADIATION PROTECTION ORGANIZATION, CONTAMINATION CONTROL PRACTICES, ALLEGATION NUMBER RV 85-A-024, AND A TOUR OF THE LICENSEE'S FACILITY. THE INSPECTION INVOLVED 36 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 4-30, 1985 (REPORT NO. 50-312/85-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* RANCHO SECO 1 *

INSPECTION SUMMARY

- + INSPECTION ON MAY 20-24, 1985 (REPORT NO. 50-312/85-14) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON MAY 13 - JUNE 17, 1985 (REPORT NO. 50-312/85-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 1-30, 1985 (REPORT NO. 50-312/85-16) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 24-28, 1985 (REPORT NO. 50-312/85-17) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 3 - NOVEMBER 29, 1985 (REPORT NO. 50-312/85-18) REPORT BEING PREPARED; TO BE REPORTED AT A LATER DATE.
- + INSPECTION ON JUNE 28 - JULY 7, 1985 (REPORT NO. 50-312/85-19) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

- + ON JUNE 5, A REACTOR TRIP BREAKER FAILED TO OPEN DURING SURVEILLANCE TESTING OF THE UNDERVOLTAGE TRIP. THE BREAKER DID OPEN ON ACTUATION OF THE SHUNT TRIP. THE LICENSEE REPLACED THE FAILED GE AK2-25 BREAKER AND INITIATED INVESTIGATION OF THE CAUSE.
- + THE LICENSEE DETERMINED THAT THE 20 GPM LEAK IN THE 1 INCH DIAMETER, "B" HOT LEG VENT WAS CAUSED BY FATIGUE CRACKING RESULTING FROM MISSING SUPPORTS IN QUALITY CLASS 2 SECTIONS OF THE VENT PIPING. TO INSURE THAT OTHER PIPING SUPPORTS WERE ADEQUATE, THE LICENSEE INITIATED A WALKDOWN OF ALL SAFETY RELATED PIPING MODIFIED SINCE THE SYSTEMS WERE PREVIOUSLY INSPECTED IN 1979 IN RESPONSE TO INFORMATION BULLETIN 79-14.

FACILITY ITEMS (PLANS AND PROCEDURES):

REFUELING: MARCH 15, 1985 - JUNE 15, 1985 (THREE MONTHS)

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

- + THE PLANT SHUTDOWN FOR REFUELING AND MAINTENANCE WAS COMPLETED ON SCHEDULE. ON JUNE 23, DURING HEATUP FOR RETURN TO POWER OPERATION, A 20 GPM PRIMARY COOLANT LEAK DEVELOPED IN THE "B" HOT LEG VENT LINE CAUSING THE PLANT TO BE COOLED DOWN AND DEPRESSURIZED FOR REPAIRS. THE PLANT REMAINED SHUTDOWN FOR THE REMAINDER OF THE MONTH.

LAST IE SITE INSPECTION DATE: 06/03-11/29/85+

INSPECTION REPORT NO: 50-312/85-18+

Report Period JUN 1985

R E P O R T S F R O M L I C E N S E E

* RANCHO SECO 1 *

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-05-L0	04-20-85	05-20-85	CLOSED BORATION PATH DURING FUEL MOVEMENT
85-05-X1	04-30-85	06-05-85	REPORT NO. 85-05 LIQUID EFFLUENT DOSE CALCULATION FOR Z-10 (SPECIAL REPORT)

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1. Docket: 50-261 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: ANITA E. SCOTT (803) 383-4524

4. Licensed Thermal Power (MWt): 2300

5. Nameplate Rating (Gross MWe): 854 X 0.9 = 769

6. Design Electrical Rating (Net MWe): 700

7. Maximum Dependable Capacity (Gross MWe): 700

8. Maximum Dependable Capacity (Net MWe): 665

9. If Changes Occur Above Since Last Report, Give Reasons:
NONE

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

11. Reasons for Restrictions, If Any:
NONE

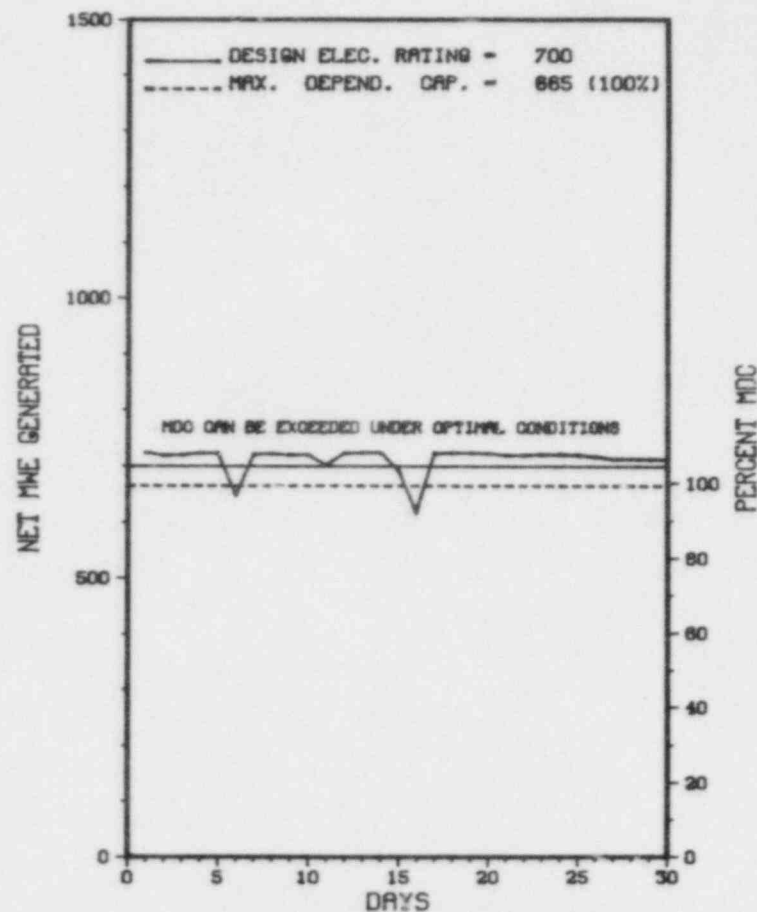
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>125,573.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,515.0</u>	<u>87,711.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>801.2</u>	<u>2,583.4</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,323.5</u>	<u>85,459.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>23.2</u>
17. Gross Therm Ener (MWH)	<u>1,635,763</u>	<u>7,319,806</u>	<u>170,194,986</u>
18. Gross Elec Ener (MWH)	<u>538,280</u>	<u>2,403,981</u>	<u>54,748,857</u>
19. Net Elec Ener (MWH)	<u>513,390</u>	<u>2,278,152</u>	<u>51,687,813</u>
20. Unit Service Factor	<u>100.0</u>	<u>78.1</u>	<u>68.1</u>
21. Unit Avail Factor	<u>100.0</u>	<u>78.1</u>	<u>68.1</u>
22. Unit Cap Factor (MDC Net)	<u>107.2</u>	<u>78.9</u>	<u>61.9</u>
23. Unit Cap Factor (DER Net)	<u>100.9</u>	<u>74.9</u>	<u>58.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>17.5</u>	<u>14.7</u>
25. Forced Outage Hours	<u>.0</u>	<u>717.5</u>	<u>8,951.0</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration): <u>NONE</u>			

27. If Currently Shutdown Estimated Startup Date: N/A

* ROBINSON 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ROBINSON 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * ROBINSON 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
0601	06/06/85	F	0.0	H	5		ZZ	ZZZZZZ	SEVERE THUNDERSTORM CAUSED A SUDDEN LOSS OF SYSTEM LOAD WHICH RESULTED IN A TURBINE RUNBACK. SYSTEM LOAD WAS REESTABLISHED AND THE UNIT WAS RETURNED TO FULL POWER.
0602	06/11/85	F	0.0	G	5		HI	ELECON	IN ORDER TO REPLACE A RELAY ON THE RCS MAKEUP SYSTEM, THE BREAKER SUPPLYING RELAY POWER WAS OPENED. SINCE THE BREAKER ALSO SUPPLIED POWER TO A TURBINE RUNBACK CIRCUIT, A TURBINE RUNBACK RESULTED. THE BREAKER WAS CLOSED REMOVING THE RUNBACK SIGNAL AND THE UNIT RETURNED TO FULL LOAD.
0603	06/15/85	S	0.0	B	5		ZZ	TURBIN	REACTOR POWER REDUCED TO PERFORM TURBINE VALVE TEST.

 * SUMMARY *

 ROBINSON 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 3 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

 * ROBINSON 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
 STATE.....SOUTH CAROLINA
 COUNTY.....DARLINGTON
 DIST AND DIRECTION FROM
 NEAREST POPULATION CTR...5 MI NW OF
 HARTSVILLE, SC
 TYPE OF REACTOR.....PWR
 DATE INITIAL CRITICALITY...SEPTEMBER 20, 1970
 DATE ELEC ENER 1ST GENER...SEPTEMBER 26, 1970
 DATE COMMERCIAL OPERATE....MARCH 7, 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
 CORPORATE ADDRESS.....411 FAYETTEVILLE STREET
 RALEIGH, NORTH CAROLINA 27601
 CONTRACTOR
 ARCHITECT/ENGINEER.....EBASCO
 NUC STEAM SYS SUPPLIER...WESTINGHOUSE
 CONSTRUCTOR.....EBASCO
 TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
 IE RESIDENT INSPECTOR.....P. KRUG
 LICENSING PROJ MANAGER.....G. REQUA
 DUCKET NUMBER.....50-261
 LICENSE & DATE ISSUANCE....DPR-23, SEPTEMBER 23, 1970
 PUBLIC DOCUMENT ROOM.....HARTSVILLE MEMORIAL LIBRARY
 220 N. FIFTH ST.
 HARTSVILLE, SOUTH CAROLINA 29550

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 20-24 (85-15): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 40 INSPECTOR-HOURS ONSITE IN THE AREAS OF POST-ACCIDENT SAMPLING SYSTEM EVALUATION AND LIQUID AND GASEOUS RADWASTE MANAGEMENT. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 13-16 (85-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 55 INSPECTOR-HOURS ONSITE IN THE AREAS OF QUALITY CONTROL AND CONFIRMATORY MEASUREMENTS INCLUDING REVIEW OF THE LABORATORY QUALITY CONTROL PROGRAM; REVIEW OF PROCEDURES AND INSTRUCTIONS; REVIEW OF QUALITY CONTROL RECORDS AND LOGS; REVIEW OF THE COUNTING ROOM AND CHEMISTRY LABORATORY FACILITIES AND RESULTS OF SPLIT SAMPLES ANALYZED BY THE LICENSEE AND THE NRC REGION II MOBILE LABORATORY. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 11 - JUNE 10 (85-18): THIS ROUTINE, ANNOUNCED INSPECTION ENTAILED 213 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF TECHNICAL SPECIFICATION (TS) COMPLIANCE, PLANT TOUR, OPERATIONS PERFORMANCE, REPORTABLE OCCURRENCES, HOUSEKEEPING, SITE SECURITY, SURVEILLANCE ACTIVITIES, MAINTENANCE ACTIVITIES, QUALITY ASSURANCE PRACTICES, RADIATION CONTROL ACTIVITIES, OUTSTANDING ITEMS REVIEW, IE BULLETIN AND IE NOTICE FOLLOWUP, ORGANIZATION AND ADMINISTRATION, INDEPENDENT INSPECTION AND ENFORCEMENT ACTION FOLLOWUP. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (85-19): THIS UNANNOUNCED PHYSICAL INSPECTION INVOLVED 33 INSPECTOR-HOURS ONSITE (THREE HOURS ON BACKSHIFT) INSPECTING: SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS - SECURITY PROGRAM; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; TESTING AND MAINTENANCE; LOCKS, KEYS, AND COMBINATIONS; PHYSICAL BARRIERS - PROTECTED AREA; PHYSICAL BARRIERS - VITAL AREAS; SECURITY SYSTEM POWER SUPPLY; LIGHTING; COMPENSATORY MEASURES; ACCESS CONTROL - PERSONNEL; ACCESS CONTROL -

INSPECTION STATUS - (CONTINUED)

PAGE 2-289

1. Docket: 50-272 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. P. RONAVALVY (609) 935-6000 X4455

4. Licensed Thermal Power (MWh): 3338

5. Nameplate Rating (Gross MWe): 1300 X 0.9 = 1170

6. Design Electrical Rating (Net MWe): 1090

7. Maximum Dependable Capacity (Gross MWe): 1124

8. Maximum Dependable Capacity (Net MWe): 1079

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

NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>70,152.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,325.6</u>	<u>40,145.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,088.4</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,322.7</u>	<u>38,481.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,405,536</u>	<u>14,366,391</u>	<u>117,136,594</u>
18. Gross Elec Ener (MWH)	<u>814,080</u>	<u>4,907,320</u>	<u>38,821,168</u>
19. Net Elec Ener (MWH)	<u>782,311</u>	<u>4,717,899</u>	<u>36,816,381</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.5</u>	<u>54.9</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.5</u>	<u>54.9</u>
22. Unit Cap Factor (MDC Net)	<u>100.7</u>	<u>100.7</u>	<u>48.6</u>
23. Unit Cap Factor (DER Net)	<u>99.7</u>	<u>99.7</u>	<u>48.1</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.5</u>	<u>31.7</u>
25. Forced Outage Hours	<u>.0</u>	<u>20.3</u>	<u>18,095.3</u>

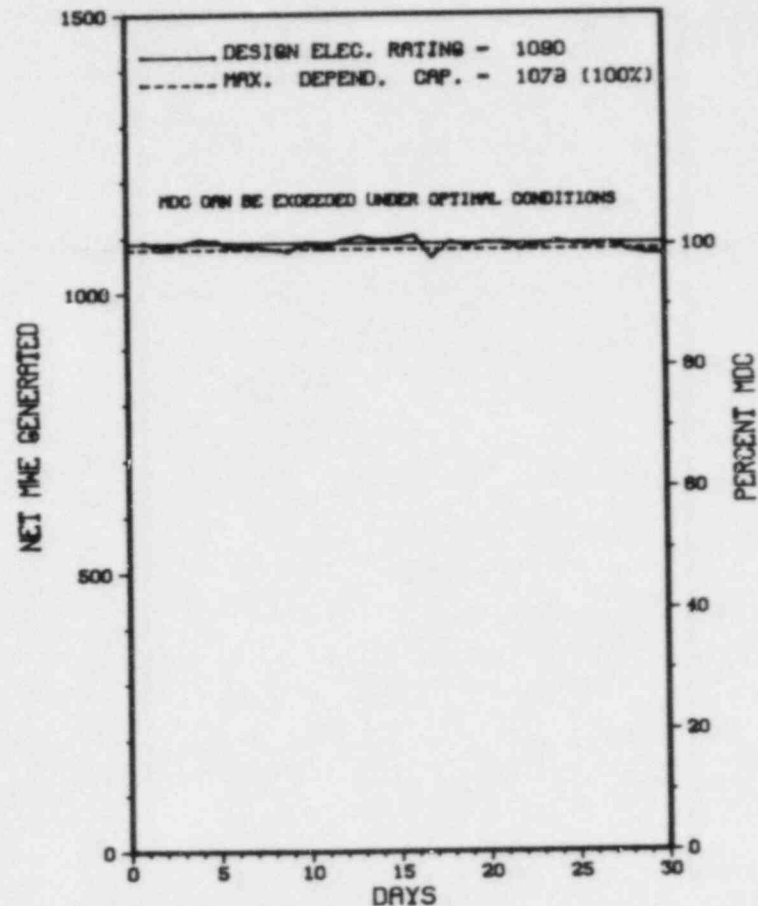
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A

 * SALEM 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 SALEM 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SALEM 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

 * SUMMARY *

SALEM 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other

Exhibit F & H
 Instructions for
 Preparation of
 Data Entry Sheet
 Licensee Event Report
 (LER) File (NUREG-0161)

* SALEM 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEW JERSEY
COUNTY.....SALEM
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...20 MI S OF
WILMINGTON, DEL
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
CORPORATE ADDRESS.....80 PARK PLACE
NEWARK, NEW JERSEY 07101
CONTRACTOR
ARCHITECT/ENGINEER.....PUBLIC SERVICES & GAS CO.
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....T. LINVILLE
LICENSING PROJ MANAGER.....D. FISCHER
DOCKET NUMBER.....50-272
LICENSE & DATE ISSUANCE...DPR-70, DECEMBER 1, 1976
PUBLIC DOCUMENT ROOM.....SALEM FREE PUBLIC LIBRARY
112 WEST BROADWAY
SALEM, NEW JERSEY 08079

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

T.S. 3.7.11 REQUIRES THAT ALL FIRE BARRIER PENETRATIONS INCLUDING CABLE PENETRATIONS SEALS FIRE DOORS AND FIRE DAMPERS SHALL BE FUNCTIONAL AT ALL TIMES. NON FUNCTIONAL FIRE BARRIERS SHALL BE RESTORED TO OPERABLE STATUS WITHIN 7 DAYS OR A SPECIAL REPORT SHALL BE SUBMITTED TO THE COMMISSION OUTLINING THE ACTION TAKEN, THE CAUSE OF THE NON FUNCTIONAL PENETRATION AND PLANS FOR RESTORING THE FIRE BARRIER TO OPERABLE STATUS. 10 CFR 50 APENDIX R ALSO REQUIRES THAT FIRE BARRIERS SHALL BE INSTALLED AS NECESSARY TO PROTECT REDUNDANT SYSTEMS AND COMPONENTS NECESSARY FOR SAFE SHUTDOWN. CONTRARY TO THE ABOVE, THE FIRE BARRIER WALLS INSTALLED TO PROTECT VARIOUS REDUNDANT TRAINS REQUIRED FOR SAFE SHUTDOWN, WERE FOUND NON FUNCTIONAL BECAUSE OF DEGRADED FIRE DOORS, FIRE DAMPERS, AND UNSEALED PENETRATIONS. T.S. 3.7.11 REQUIRES THAT ALL FIRE BARRIER PENETRATIONS INCLUDING CABLE PENETRATIONS SEALS FIRE DOORS AND FIRE DAMPERS SHALL BE FUNCTIONAL AT ALL TIMES. NON FUNCTIONAL FIRE BARRIERS SHALL BE RESTORED TO OPERABLE STATUS WITHIN 7 DAYS OR A SPECIAL REPORT SHALL BE SUBMITTED TO THE COMMISSION OUTLINING THE ACTION TAKEN, THE CAUSE OF THE NON FUNCTIONAL PENETRATION AND PLANS FOR RESTORING THE FIRE BARRIER TO OPERABLE STATUS. 10 CFR 50 APENDIX R ALSO REQUIRES THAT FIRE BARRIERS SHALL BE INSTALLED AS NECESSARY TO PROTECT REDUNDANT SYSTEMS AND COMPONENTS NECESSARY FOR SAFE SHUTDOWN. CONTRARY TO THE ABOVE, THE FIRE BARRIER WALLS INSTALLED TO PROTECT VARIOUS REDUNDANT TRAINS REQUIRED FOR SAFE SHUTDOWN, WERE FOUND NON FUNCTIONAL BECAUSE OF DEGRADED FIRE DOORS, FIRE DAMPERS, AND UNSEALED PENETRATIONS.

INSPECTION STATUS - (CONTINUED)

PAGE 2-293

1. Docket: 50-311 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: J. P. RONAVALVY (609) 935-6000 X4455

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1162

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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>32,568.0</u>
13. Hours Reactor Critical	<u>665.1</u>	<u>1,719.7</u>	<u>16,814.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,533.6</u>
15. Hrs Generator On-Line	<u>664.0</u>	<u>1,491.2</u>	<u>16,103.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,210,338</u>	<u>4,486,057</u>	<u>48,213,093</u>
18. Gross Elec Ener (MWH)	<u>740,060</u>	<u>1,470,200</u>	<u>15,747,850</u>
19. Net Elec Ener (MWH)	<u>708,944</u>	<u>1,364,471</u>	<u>14,882,318</u>
20. Unit Service Factor	<u>92.2</u>	<u>34.3</u>	<u>49.4</u>
21. Unit Avail Factor	<u>92.2</u>	<u>34.3</u>	<u>49.4</u>
22. Unit Cap Factor (MDC Net)	<u>89.0</u>	<u>28.4</u>	<u>41.3</u>
23. Unit Cap Factor (DER Net)	<u>88.3</u>	<u>28.2</u>	<u>41.0</u>
24. Unit Forced Outage Rate	<u>7.8</u>	<u>63.0</u>	<u>43.3</u>
25. Forced Outage Hours	<u>56.0</u>	<u>2,539.8</u>	<u>12,312.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

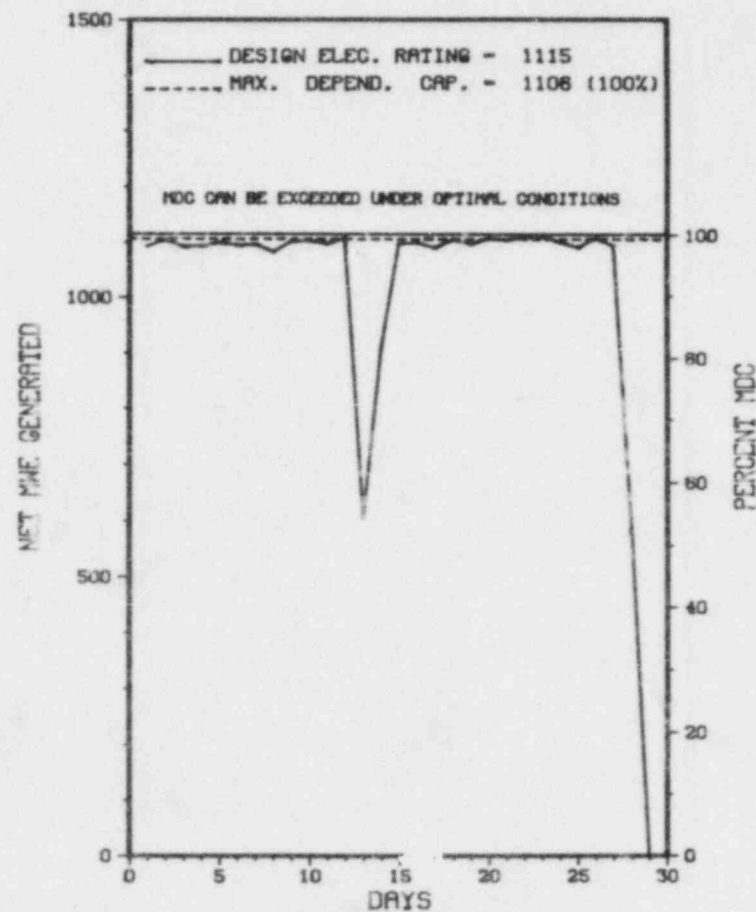
NONE

27. If Currently Shutdown Estimated Startup Date: 07/07/85

* SALEM 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SALEM 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SALEM 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-110	06/13/85	F	0.0	B	5		HC	HTEXCH	CONDENSER TUBE INSPECTION.
35-130	06/28/85	F	56.0	A	1		CJ	VALVEX	NUCLEAR NONPOWER OPERATED SAFETY VALVES REACTOR COOLANT.

 * SUMMARY *

 SALEM 2 INCURRED 1 SHUTDOWN AND 1 POWER REDUCTION IN JUNE AS NOTED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SALEM 2 *

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

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....NEW JERSEY
COUNTY.....SALEM
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...20 MI S OF
WILMINGTON, DEL
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...AUGUST 8, 1980
DATE ELEC ENER 1ST GENER...JUNE 3, 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
CORPORATE ADDRESS.....80 PARK PLACE
NEWARK, NEW JERSEY 07101
CONTRACTOR
ARCHITECT/ENGINEER.....PUBLIC SERVICES & GAS CO.
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....T. LINVILLE
LICENSING PROJ MANAGER....D. FISCHER
DOCKET NUMBER.....50-311
LICENSE & DATE ISSUANCE...DPR-75, MAY 20, 1981
PUBLIC DOCUMENT ROOM.....SALEM FREE PUBLIC LIBRARY
112 WEST BROADWAY
SALEM, NEW JERSEY 08079

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NO INPUT PROVIDED.

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
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1. Docket: 50-206 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: M. J. FARRELL (714) 492-7700 X56739

4. Licensed Thermal Power (MWh): 1347

5. Nameplate Rating (Gross MWe): 500 X 0.9 = 450

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:
NONE

10. Power Level To Which Restricted, If Any (Net MWe): 390

11. Reasons for Restrictions, If Any: _____
STEAM GENERATOR TUBE CORROSION.

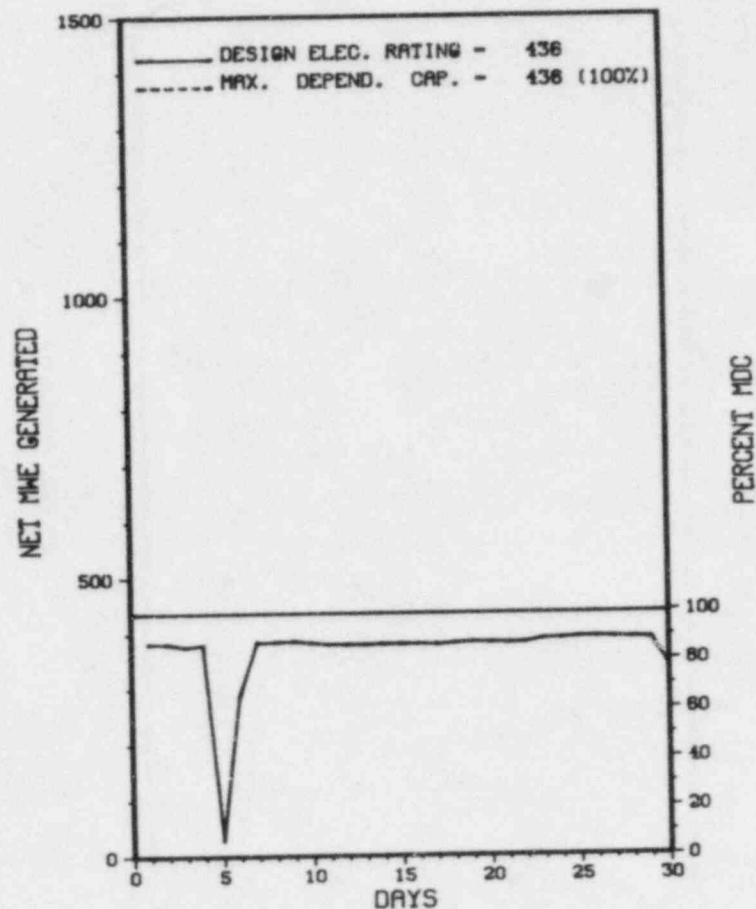
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>158,167.0</u>
13. Hours Reactor Critical	<u>708.4</u>	<u>3,676.3</u>	<u>93,005.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>701.7</u>	<u>3,641.3</u>	<u>89,285.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>858,343</u>	<u>4,378,339</u>	<u>113,566,553</u>
18. Gross Elec Ener (MWH)	<u>279,600</u>	<u>1,423,200</u>	<u>38,633,834</u>
19. Net Elec Ener (MWH)	<u>265,082</u>	<u>1,338,920</u>	<u>36,542,235</u>
20. Unit Service Factor	<u>97.5</u>	<u>83.8</u>	<u>56.4</u>
21. Unit Avail Factor	<u>97.5</u>	<u>83.8</u>	<u>56.4</u>
22. Unit Cap Factor (MDC Net)	<u>84.4</u>	<u>70.7</u>	<u>53.0</u>
23. Unit Cap Factor (DER Net)	<u>84.4</u>	<u>70.7</u>	<u>53.0</u>
24. Unit Forced Outage Rate	<u>2.5</u>	<u>15.2</u>	<u>21.5</u>
25. Forced Outage Hours	<u>18.3</u>	<u>653.1</u>	<u>11,831.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):
SAFETY INJECTION SYSTEM TEST: 08/23/85 - 3 DAYS

27. If Currently Shutdown Estimated Startup Date: N/A

* SAN ONOFRE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
SAN ONOFRE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SAN ONOFRE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
87	06/05/85	F	18.3	A	1	85-008	AB	ISV	BLOCK VALVE (CV-530) TO POWER OPERATED RELIEF VALVE (CV-546) FAILED TO CLOSE DURING SURVEILLANCE TESTING. FAILURE OF CV-530 WAS DUE TO A LEAKING DIAPHRAM. THE DIAPHRAM WAS REPLACED, TESTED AND THE VALVE RETURNED TO SERVICE. ACTUATOR DIAPHRAMS WILL BE REPLACED EVERY REFUELING OUTAGE TO PREVENT RECURRENCE.

***** SAN ONOFRE 1 EXPERIENCED 1 SHUTDOWN IN JUNE AS DESCRIBED ABOVE.

* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* SAN ONOFRE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CALIFORNIA
COUNTY.....SAN DIEGO
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI S 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 1, 1968
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...PACIFIC OCEAN
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....SOUTHERN CALIFORNIA EDISON
CORPORATE ADDRESS.....2244 WALNUT GROVE AVENUE
ROSEMEAD, CALIFORNIA 91770
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....V
IE RESIDENT INSPECTOR.....A. DANGELO
LICENSING PROJ MANAGER....W. PAULSON
DOCKET NUMBER.....50-206
LICENSE & DATE ISSUANCE...DPR-13, MARCH 27, 1967
PUBLIC DOCUMENT ROOM.....SAN CLEMENTE BRANCH LIBRARY
242 AVENIDA DEL MAR
SAN CLEMENTE, CALIFORNIA 92672

INSPECTION STATUS

INSPECTION SUMMARY

- + INSPECTION ON MARCH 23 - MAY 21, 1985 (REPORT NO. 50-206/85-14) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON MAY 20 - JUNE 7, 1985 (REPORT NO. 50-206/85-18) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY A REGIONALLY BASED INSPECTOR OF OPERATIONS ACTIVITIES INCLUDING LICENSEE ACTION ON IE BULLETINS, CIRCULARS, PREVIOUS NRC INSPECTION FOLLOWUP, AND UNRESOLVED ITEMS. THE INSPECTION INVOLVED 74 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.
RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.
- + INSPECTION ON JUNE 3-7, 1985 (REPORT NO. 50-206/85-19) AREAS INSPECTED: SECURITY EVENT FOLLOWUP; SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS - SECURITY PROGRAM; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; TESTING AND MAINTENANCE; LOCKS, KEYS AND COMBINATIONS; SECURITY SYSTEM POWER SUPPLY; ACCESS CONTROL - PERSONNEL; ACCESS CONTROL - PACKAGES; ACCESS CONTROL - VEHICLES; AND FOLLOWUP ITEMS FROM PREVIOUS SECURITY INSPECTIONS AND ASSESSMENTS. THE INSPECTION INVOLVED 42 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.
RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.
- + INSPECTION ON MAY 22 - JULY 8, 1985 (REPORT NO. 50-206/85-20) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 10-14, 1985 (REPORT NO. 50-206/85-21) AREAS INSPECTED: ROUTINE INSPECTION OF THE IMPLEMENTATION OF SELECTED

INSPECTION STATUS - (CONTINUED)

PAGE 2-301

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

THE UNIT CONTINUED OPERATION IN THIS REPORTING PERIOD.

LAST IE SITE INSPECTION DATE: 06/24-07/12/85+

INSPECTION REPORT NO: 50-206/85-22+

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NONE

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1. Docket: 50-361 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: M. J. FARRELL (714) 492-7700 X56739

4. Licensed Thermal Power (MWh): 3410

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: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>16,632.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>1,670.5</u>	<u>9,555.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>1,634.0</u>	<u>9,366.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,416,342</u>	<u>4,951,494</u>	<u>30,029,777</u>
18. Gross Elec Ener (MWH)	<u>806,652</u>	<u>1,659,995</u>	<u>10,149,870</u>
19. Net Elec Ener (MWH)	<u>770,402</u>	<u>1,535,694</u>	<u>9,578,630</u>
20. Unit Service Factor	<u>100.0</u>	<u>37.6</u>	<u>56.3</u>
21. Unit Avail Factor	<u>100.0</u>	<u>37.6</u>	<u>56.3</u>
22. Unit Cap Factor (MDC Net)	<u>100.0</u>	<u>33.0</u>	<u>53.8</u>
23. Unit Cap Factor (DER Net)	<u>100.0</u>	<u>33.0</u>	<u>53.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>6.8</u>	<u>4.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>119.4</u>	<u>429.0</u>

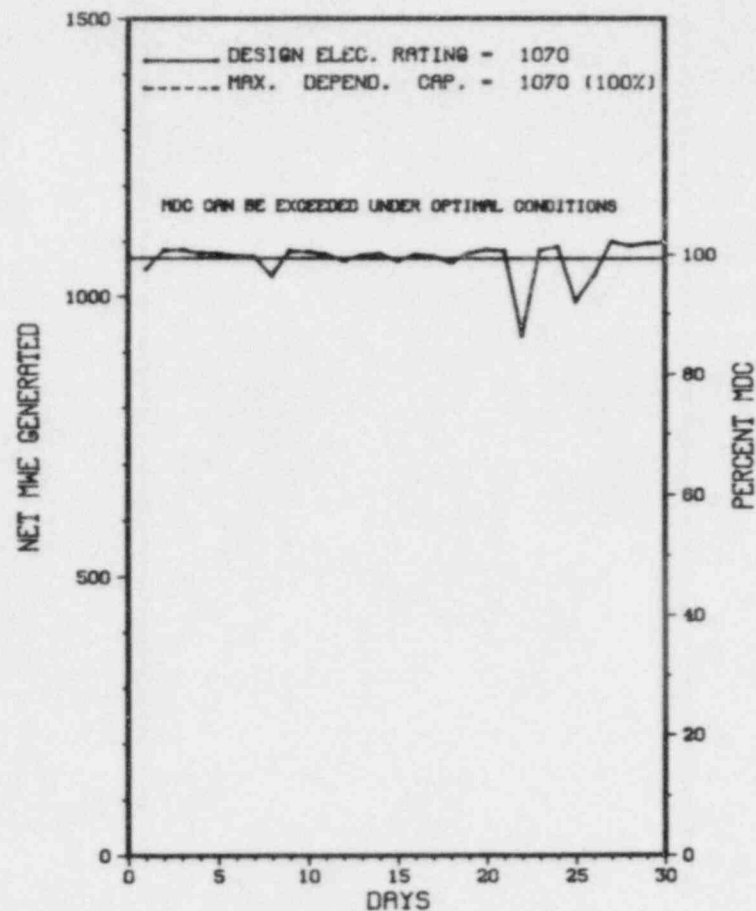
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A

 * SAN ONOFRE 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 SAN ONOFRE 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* SAN ONOFRE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

SAN ONOFRE 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SAN ONOFRE 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CALIFORNIA
COUNTY.....SAN DIEGO
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI S 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 8, 1983
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...PACIFIC OCEAN
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....SOUTHERN CALIFORNIA EDISON
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.V
IE RESIDENT INSPECTOR.....R. HUEY
LICENSING PROJ MANAGER.....H. ROOD
DOCKET NUMBER.....50-361
LICENSE & DATE ISSUANCE...NPF-10, SEPTEMBER 7, 1982
PUBLIC DOCUMENT ROOM.....SAN CLEMENTE LIBRARY
242 AVENIDA DEL MAR
SAN CLEMENTE, CALIFORNIA

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH 23 - MAY 21, 1985 (REPORT NO. 50-361/85-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 13-17, 1985 (REPORT NO. 50-361/85-16) AREAS INSPECTED: AN UNANNOUNCED, SAFETY INSPECTION BY A REGIONALLY BASED NRC INSPECTOR AND TWO NRC CONSULTANTS FOR THE FOLLOWUP OF GENERIC LETTER 83-28, "REQUIRED ACTIONS BASED ON GENERIC IMPLICATIONS OF SALEM ATWS EVENTS", LICENSEE ACTION ON IE CIRCULARS, AND FOLLOWUP OF PREVIOUSLY IDENTIFIED ITEMS. THE INSPECTION INVOLVED 38 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR AND 68 HOURS BY TWO NRC CONSULTANTS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 20 - JUNE 7, 1985 (REPORT NO. 50-361/85-17) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY A REGIONALLY BASED INSPECTOR OF OPERATIONS ACTIVITIES INCLUDING LICENSEE ACTION ON IE BULLETINS, CIRCULARS, PREVIOUS NRC INSPECTION FOLLOWUP, AND UNRESOLVED ITEMS. THE INSPECTION INVOLVED 74 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 3-7, 1985 (REPORT NO. 50-361/85-18) AREAS INSPECTED: SECURITY EVENT FOLLOWUP; SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS - SECURITY PROGRAM; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; TESTING AND MAINTENANCE; LOCKS, KEYS AND COMBINATIONS; SECURITY SYSTEM POWER SUPPLY; ACCESS CONTROL - PERSONNEL; ACCESS CONTROL - PACKAGES; ACCESS CONTROL - VEHICLES; AND FOLLOWUP ITEMS FROM PREVIOUS SECURITY INSPECTIONS AND ASSESSMENTS. THE INSPECTION INVOLVED 42

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* SAN ONOFRE 2 *

INSPECTION SUMMARY

INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 22 - JULY 8, 1985 (REPORT NO. 50-361/85-19) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 10-14, 1985 (REPORT NO. 50-361/85-20) AREAS INSPECTED: ROUTINE INSPECTION OF THE IMPLEMENTATION OF SELECTED TMI ACTION ITEMS. THE INSPECTION INVOLVED 36 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 24 - JULY 12, 1985 (REPORT NO. 50-361/85-21) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGEMENTAL ITEMS:

NONE

PLANT STATUS:

THE UNIT CONTINUED OPERATION DURING THE MONTH OF MAY FOLLOWING REFUELING.

LAST IE SITE INSPECTION DATE: 06/24-07/12/85+

INSPECTION REPORT NO: 50-361/85-21+

Report Period JUN 1985

R E P O R T S F R O M L I C E N S E E

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X SAN ONOFRE 2 X
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE			
=====			

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1. Docket: 50-362 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: M. J. FARRELL (714) 492-7700 X56739

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: NONE

 X SAN ONOFRE 3 X

 AVERAGE DAILY POWER LEVEL (MWe) PLOT
 SAN ONOFRE 3

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

11. Reasons for Restrictions, If Any: _____

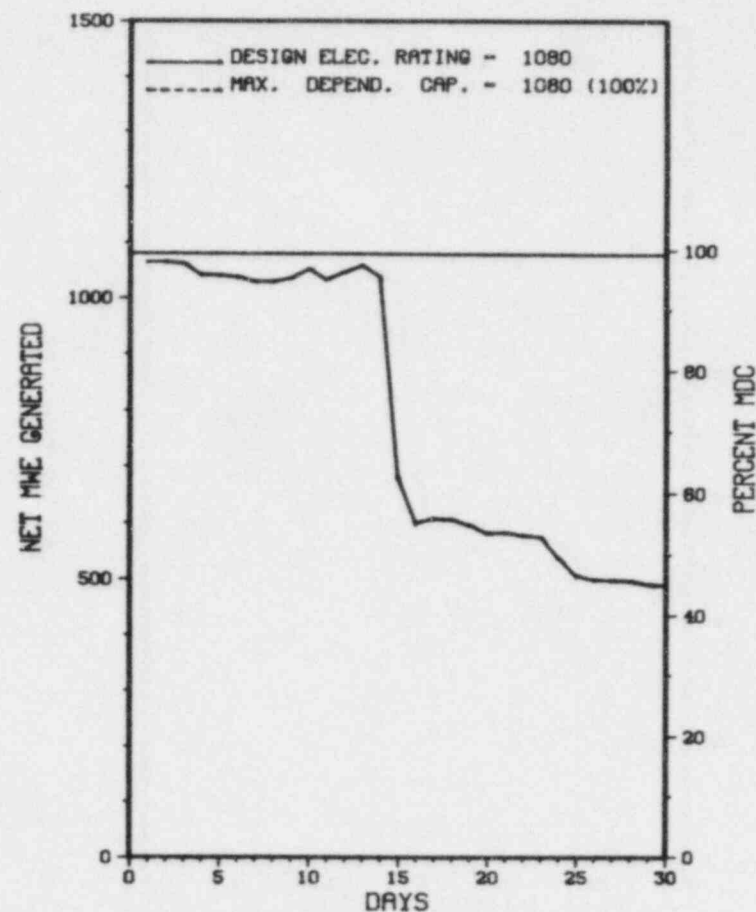
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>10,943.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>2,969.8</u>	<u>7,365.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>2,889.4</u>	<u>6,995.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,583,225</u>	<u>8,580,665</u>	<u>21,496,632</u>
18. Gross Elec Ener (MWH)	<u>601,836</u>	<u>2,935,206</u>	<u>7,302,036</u>
19. Net Elec Ener (MWH)	<u>565,913</u>	<u>2,754,533</u>	<u>6,854,903</u>
20. Unit Service Factor	<u>100.0</u>	<u>66.5</u>	<u>63.9</u>
21. Unit Avail Factor	<u>100.0</u>	<u>66.5</u>	<u>63.9</u>
22. Unit Cap Factor (MDC Net)	<u>72.8</u>	<u>58.7</u>	<u>58.0</u>
23. Unit Cap Factor (DER Net)	<u>72.8</u>	<u>58.7</u>	<u>58.0</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>32.1</u>	<u>17.2</u>
25. Forced Outage Hours	<u>.0</u>	<u>1,365.6</u>	<u>1,448.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

REFUELING, SEPTEMBER, 1985, 110 DAYS DURATION

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SAN ONOFRE 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
15	06/15/85	S	0.0	F	5				POWER REDUCTION TO 60% TO PROLONG UNIT'S INITIAL CORE AND DEFER COMMENCEMENT OF CYCLE 1 REFUELING OUTAGE UNTIL SEPTEMBER, 1985.

 * SUMMARY *

 SAN ONOFRE 3 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 1 POWER REDUCTION REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* SAN ONOFRE 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....CALIFORNIA
COUNTY.....SAN DIEGO
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...5 MI S 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 1, 1984
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...PACIFIC OCEAN
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....SOUTHERN CALIFORNIA EDISON
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.....V
IE RESIDENT INSPECTOR.....R. HUEY
LICENSING PROJ MANAGER.....H. ROOD
DOCKET NUMBER.....50-362
LICENSE & DATE ISSUANCE...NPF-15, NOVEMBER 15, 1982
PUBLIC DOCUMENT ROOM.....SAN CLEMENTE LIBRARY
242 AVENIDA DEL MAR
SAN CLEMENTE, CALIFORNIA

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH 23 - MAY 21, 1985 (REPORT NO. 50-362/85-12) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 13-17, 1985 (REPORT NO. 50-362/85-15) AREAS INSPECTED: AN UNANNOUNCED, SAFETY INSPECTION BY A REGIONALLY BASED NRC INSPECTOR AND TWO NRC CONSULTANTS FOR THE FOLLOWUP OF GENERIC LETTER 83-28, "REQUIRED ACTIONS BASED ON GENERIC IMPLICATIONS OF SALEM ATWS EVENTS", LICENSEE ACTION ON IE CIRCULARS, AND FOLLOWUP OF PREVIOUSLY IDENTIFIED ITEMS. THE INSPECTION INVOLVED 38 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR AND 68 HOURS BY TWO NRC CONSULTANTS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 20 - JUNE 7, 1985 (REPORT NO. 50-362/85-16) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY A REGIONALLY BASED INSPECTOR OF OPERATIONS ACTIVITIES INCLUDING LICENSEE ACTION ON IE BULLETINS, CIRCULARS, PREVIOUS NRC INSPECTION FOLLOWUP, AND UNRESOLVED ITEMS. THE INSPECTION INVOLVED 74 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 3-7, 1985 (REPORT NO. 50-362/85-17) AREAS INSPECTED: SECURITY EVENT FOLLOWUP; SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS - SECURITY PROGRAM; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; TESTING AND MAINTENANCE; LOCKS, KEYS AND COMBINATIONS; SECURITY SYSTEM POWER SUPPLY; ACCESS CONTROL - PERSONNEL; ACCESS CONTROL - PACKAGES; ACCESS CONTROL - VEHICLES; AND FOLLOWUP ITEMS FROM PREVIOUS SECURITY INSPECTIONS AND ASSESSMENTS. THE INSPECTION INVOLVED 42

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* SAN ONOFRE 3 *

INSPECTION SUMMARY

INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 22 - JULY 8, 1985 (REPORT NO. 50-362/85-18) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 10-14, 1985 (REPORT NO. 50-362/85-19) REPORT CANCELLED.

+ INSPECTION ON JUNE 24 - JULY 12, 1985 (REPORT NO. 50-362/85-20) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT CONTINUED IN SERVICE FOR THE MONTH OF MAY.

LAST IE SITE INSPECTION DATE: 06/24-07/12/85+

INSPECTION REPORT NO: 50-362/85-20+

R E P O R T S F R O M L I C E N S E E

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NONE

1. Docket: 50-327 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: MIKE EDDINGS (615) 870-6248

4. Licensed Thermal Power (Mwt): 3411

5. Nameplate Rating (Gross MWe): 1220

6. Design Electrical Rating (Net MWe): 1148

7. Maximum Dependable Capacity (Gross MWe): 1183

8. Maximum Dependable Capacity (Net MWe): 1148

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>35,064.0</u>
13. Hours Reactor Critical	<u>110.2</u>	<u>2,577.3</u>	<u>23,224.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>98.6</u>	<u>2,563.7</u>	<u>22,672.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>257,389</u>	<u>8,397,224</u>	<u>73,074,859</u>
18. Gross Elec Ener (MWH)	<u>82,330</u>	<u>2,900,740</u>	<u>24,639,156</u>
19. Net Elec Ener (MWH)	<u>74,759</u>	<u>2,777,899</u>	<u>23,659,529</u>
20. Unit Service Factor	<u>13.7</u>	<u>59.0</u>	<u>64.7</u>
21. Unit Avail Factor	<u>13.7</u>	<u>59.0</u>	<u>64.7</u>
22. Unit Cap Factor (MDC Net)	<u>9.0</u>	<u>55.7</u>	<u>58.8</u>
23. Unit Cap Factor (DER Net)	<u>9.0</u>	<u>55.7</u>	<u>58.8</u>
24. Unit Forced Outage Rate	<u>79.7</u>	<u>13.1</u>	<u>18.6</u>
25. Forced Outage Hours	<u>386.1</u>	<u>386.1</u>	<u>5,193.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

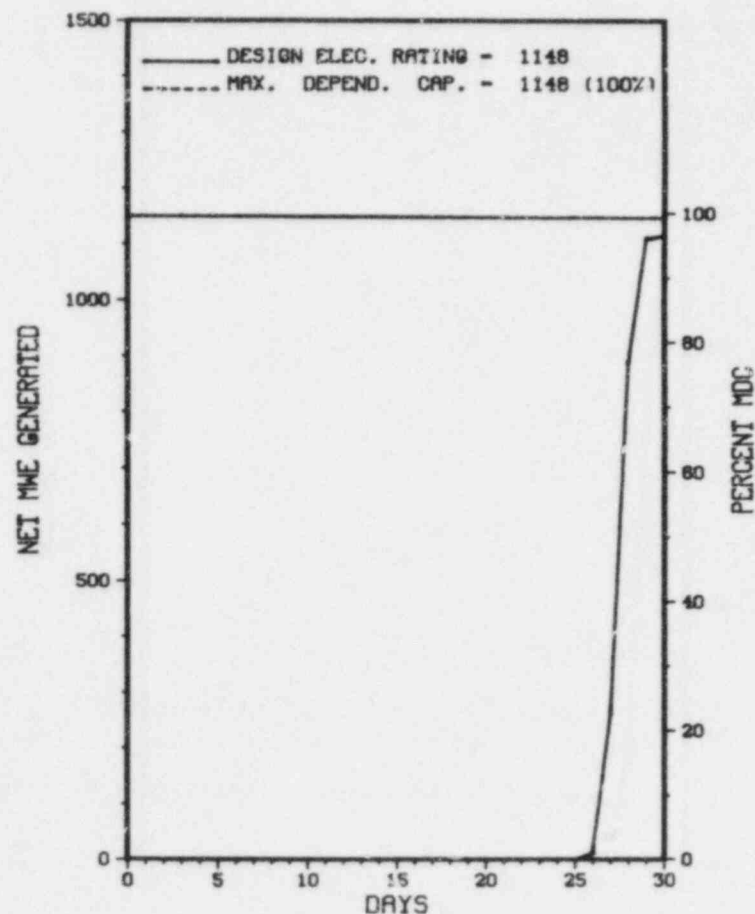
REFUELING/MODIFICATION-SEPT. 27, 1985 - 51 DAYS

27. If Currently Shutdown Estimated Startup Date: N/A

* SEQUOYAH 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SEQUOYAH 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SEQUOYAH 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
2	04/13/85	S	235.3	H	4			ELECTRICAL GENERATOR MAINTENANCE OUTAGE CONCLUDES.
3	06/10/85	F	386.1	A	9			REACTOR COOLANT PUMP SEAL HOUSING LEAK REPAIRS AND FEEDWATER VALVE MAINTENANCE.

 * SUMMARY *

 SEQUOYAH 1 INCURRED 2 OUTAGES IN JUNE AS DISCUSSED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SEQUOYAH 1 *

FACILITY DATA

Report Period JUN 1985

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 5, 1980
DATE ELEC ENER 1ST GENER...JULY 22, 1980
DATE COMMERCIAL OPERATE...JULY 1, 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.....500A CHESTNUT STREET TOWER II
CHATTANOOGA, TENNESSEE 37401
CONTRACTOR
ARCHITECT/ENGINEER.....TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....E. FORD
LICENSING PROJ MANAGER.....C. STAHL
DOCKET NUMBER.....50-327
LICENSE & DATE ISSUANCE...DPR-77, SEPTEMBER 17, 1980
PUBLIC DOCUMENT ROOM.....CHATTANOOGA - HAMILTON BICENTENNIAL LIBRARY
1001 BROAD STREET
CHATTANOOGA, TENNESSEE 37402

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 6 - MAY 5 (85-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 84 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT TOUR, TECHNICAL SPECIFICATION COMPLIANCE, OPERATIONS PERFORMANCE, HOUSEKEEPING, RADIATION CONTROL ACTIVITIES, SITE SECURITY, INDEPENDENT INSPECTION AND FOLLOWUP OF EVENTS. ONE VIOLATION WAS IDENTIFIED: FAILURE TO ADEQUATELY ESTABLISH AND IMPLEMENT A SURVEILLANCE INSTRUCTION.

INSPECTION MAY 27-31 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT CHEMISTRY AND INSERVICE TESTING OF PUMPS AND VALVES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 20-24 (85-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 21 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE AUDITS; EXTERNAL EXPOSURE CONTROL AND DOSIMETRY; SOLID WASTE; TRANSPORTATION; LICENSEE PROGRAM FOR MAINTAINING RADIATION EXPOSURE AS LOW AS REASONABLY ACHIEVABLE (ALARA) AND OPEN ITEMS. THREE VIOLATIONS WERE IDENTIFIED: (1) FAILURE TO ADEQUATELY DETERMINE SCALING FACTORS FOR USE IN CLASSIFYING LOW LEVEL WASTE SHIPMENTS, (2) FAILURE TO LABEL CONTAINERS OF RADIOACTIVE MATERIAL AND (3) FAILURE TO ADHERE TO PROCEDURES FOR WEARING OF THERMOLUMINESCENT DOSIMETERS (TLDs) AND DOSIMETERS.

ENFORCEMENT SUMMARY

NONE

INSPECTION STATUS - (CONTINUED)

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*          SEQUOYAH 1          *
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SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

LAST IE SITE INSPECTION DATE: MAY 27-31, 1985 +

INSPECTION REPORT NO: 50-327/85-18 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-016	04/13/85	05/10/85	SHUTDOWN ACTIVITIES ON 4/31/85, MULTIPLE FAILURES ON SHUTDOWN.
85-017	04/22/85	05/20/85	AUXILIARY BUILDING ISOLATION, FEEDBACK FROM WELDING ACTIVITIES CAUSING RADIATION MONITOR TO INDICATE A HIGH RADIATION SIGNAL.
85-018	04/13/85	05/10/85	CONDUIT PENETRATING A FIRE BARRIER W/OUT BEING SEALED, 3 CONDUITS WERE FOUND THAT WERE NOT SEALED.
85-019	05/24/85	06/17/85	WATER PIPES NOT SUPPORTED WITH SEISMIC HANGERS, THE DEMINERALIZED WATER PIPE HAS BEEN ISOLATED.
85-020	05/14/85	06/11/85	LOSS OF RHR SUCTION, BOTH TRAINS OF RESIDUAL HEAT REMOVAL WERE INADVERTENTLY ISOLATED.
85-021	05/23/85	06/21/85	MAIN CONTROL ROOM VENTILATION ISOLATION, RADIATION MONITOR WAS FOUND TO HAVE A BAD POWER SUPPLY.
85-024	05/24/85	06/24/85	FAILURE TO COMPLY WITH ONE HOUR FIRE WATCH, AN HOURLY FIRE WATCH WAS NOT PERFORMED WITHIN ONE HOUR DUE TO AN INOPERABLE DOOR.

1. Docket: 50-328 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: DAVID DUPREE (615) 870-6543

4. Licensed Thermal Power (MWt): 3411

5. Nameplate Rating (Gross MWe): 1220

6. Design Electrical Rating (Net MWe): 1148

7. Maximum Dependable Capacity (Gross MWe): 1183

8. Maximum Dependable Capacity (Net MWe): 1143

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>27,024.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,045.2</u>	<u>20,740.3</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,980.1</u>	<u>20,250.3</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,444,832</u>	<u>12,900,201</u>	<u>64,899,210</u>
18. Gross Elec Ener (MWH)	<u>829,310</u>	<u>4,424,850</u>	<u>22,116,530</u>
19. Net Elec Ener (MWH)	<u>796,418</u>	<u>4,255,037</u>	<u>21,276,046</u>
20. Unit Service Factor	<u>100.0</u>	<u>91.6</u>	<u>74.9</u>
21. Unit Avail Factor	<u>100.0</u>	<u>91.6</u>	<u>74.9</u>
22. Unit Cap Factor (MDC Net)	<u>96.4</u>	<u>85.3</u>	<u>68.6</u>
23. Unit Cap Factor (DER Net)	<u>96.4</u>	<u>85.3</u>	<u>68.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>8.2</u>	<u>8.8</u>
25. Forced Outage Hours	<u>.0</u>	<u>356.7</u>	<u>1,950.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

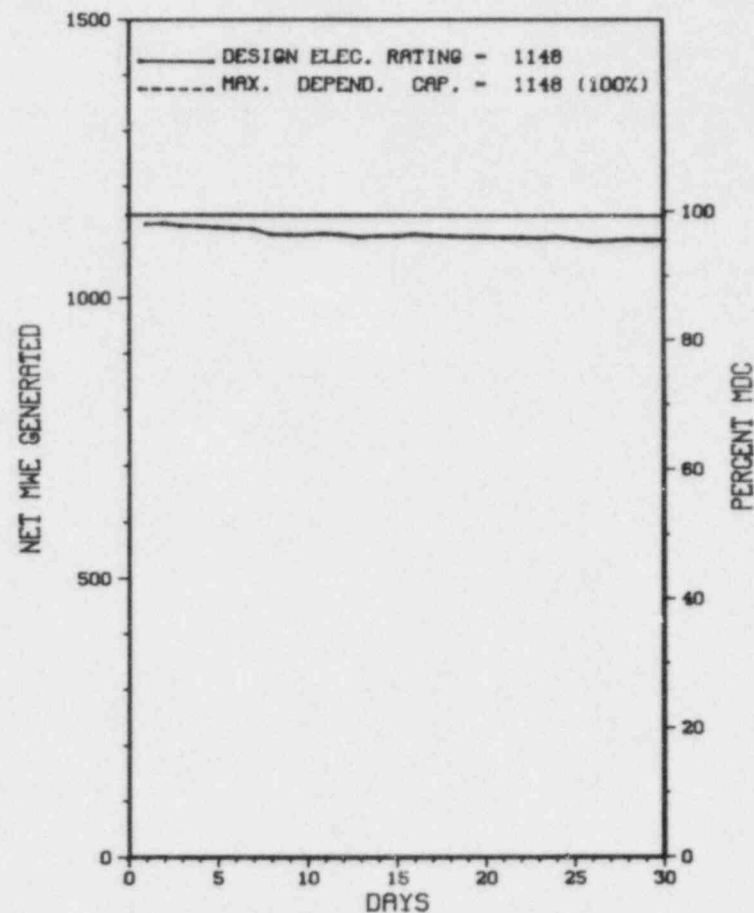
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* SEQUOYAH 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SEQUOYAH 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* SEQUOYAH 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

SEQUOYAH 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SEQUOYAH 2 *

FACILITY DATA

Report Period JUN 1985

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 5, 1981
DATE ELEC ENER 1ST GENER...DECEMBER 23, 1981
DATE COMMERCIAL OPERATE....JUNE 1, 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.....831 POWER BUILDING
CHATTANOOGA, TENNESSEE 37401
CONTRACTOR
ARCHITECT/ENGINEER.....TENNESSEE VALLEY AUTHORITY
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....TENNESSEE VALLEY AUTHORITY
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....E. FORD
LICENSING PROJ MANAGER.....C. STAHL
DOCKET NUMBER.....50-328
LICENSE & DATE ISSUANCE....DPR-79, SEPTEMBER 15, 1981
PUBLIC DOCUMENT ROOM.....CHATTANOOGA - HAMILTON BICENTENNIAL LIBRARY
1001 BROAD STREET
CHATTANOOGA, TENNESSEE 37402

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 6 - MAY 5 (85-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 84 RESIDENT INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT TOUR, TECHNICAL SPECIFICATION COMPLIANCE, OPERATIONS PERFORMANCE, HOUSEKEEPING, RADIATION CONTROL ACTIVITIES, SITE SECURITY, INDEPENDENT INSPECTION AND FOLLOWUP OF EVENTS. ONE VIOLATION WAS IDENTIFIED: FAILURE TO ADEQUATELY ESTABLISH AND IMPLEMENT A SURVEILLANCE INSTRUCTION.

INSPECTION MAY 27-31 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT CHEMISTRY AND INSERVICE TESTING OF PUMPS AND VALVES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 20-24 (85-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 21 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE AUDITS; EXTERNAL EXPOSURE CONTROL AND DOSIMETRY; SOLID WASTE; TRANSPORTATION; LICENSEE PROGRAM FOR MAINTAINING RADIATION EXPOSURE AS LOW AS REASONABLY ACHIEVABLE (ALARA) AND OPEN ITEMS. THREE VIOLATIONS WERE IDENTIFIED: (1) FAILURE TO ADEQUATELY DETERMINE SCALING FACTORS FOR USE IN CLASSIFYING LOW LEVEL WASTE SHIPMENTS, (2) FAILURE TO LABEL CONTAINERS OF RADIOACTIVE MATERIAL AND (3) FAILURE TO ADHERE TO PROCEDURES FOR WEARING OF THERMOLUMINESCENT DOSIMETERS (TLDs) AND DOSIMETERS.

ENFORCEMENT SUMMARY

NONE

INSPECTION STATUS - (CONTINUED)

PAGE 2-321

1. Docket: 50-335 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: N. W. GRANT (305) 552-3675

4. Licensed Thermal Power (Mwt): 2700

5. Nameplate Rating (Gross MWe): 1000 X 0.89 = 890

6. Design Electrical Rating (Net MWe): 830

7. Maximum Dependable Capacity (Gross MWe): 867

8. Maximum Dependable Capacity (Net MWe): 827

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>74,735.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,339.0</u>	<u>54,360.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>205.3</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,336.0</u>	<u>53,070.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>39.3</u>
17. Gross Therm Ener (MWH)	<u>1,930,233</u>	<u>11,565,054</u>	<u>133,700,565</u>
18. Gross Elec Ener (MWH)	<u>640,530</u>	<u>3,857,190</u>	<u>43,715,845</u>
19. Net Elec Ener (MWH)	<u>603,213</u>	<u>3,658,368</u>	<u>41,216,143</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.8</u>	<u>71.0</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.8</u>	<u>71.1</u>
22. Unit Cap Factor (MDC Net)	<u>101.3</u>	<u>102.2</u>	<u>66.7</u>
23. Unit Cap Factor (DER Net)	<u>100.9</u>	<u>101.5</u>	<u>66.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.2</u>	<u>4.4</u>
25. Forced Outage Hours	<u>.0</u>	<u>7.0</u>	<u>2,459.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

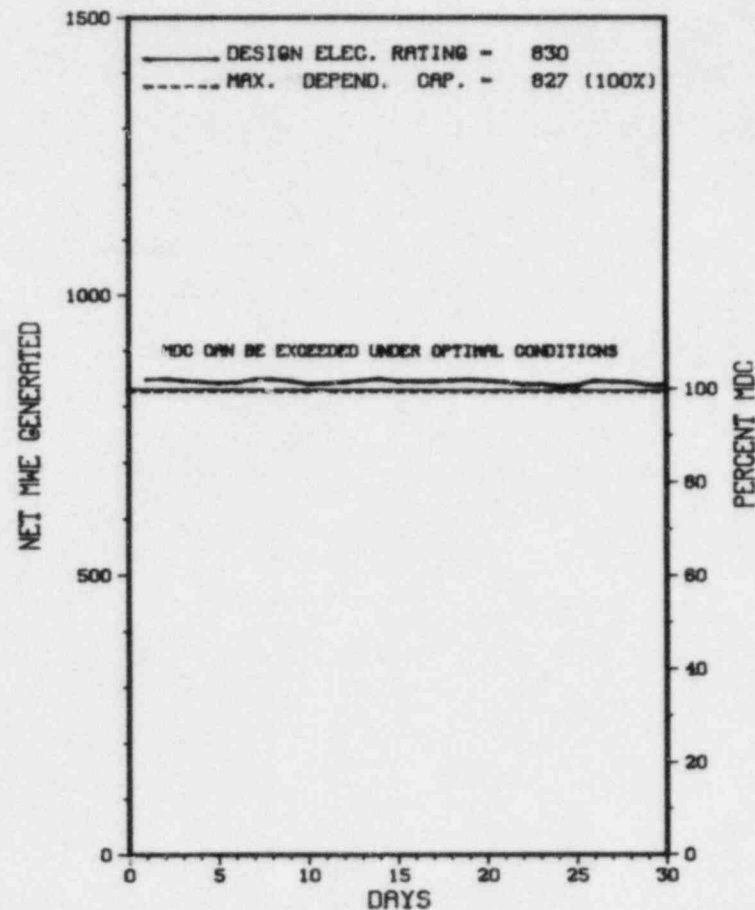
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* ST LUCIE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ST LUCIE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* ST LUCIE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

ST. LUCIE 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* ST LUCIE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....FLORIDA
COUNTY.....ST LUCIE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...12 MI SE OF
FT. PIERCE, FLA
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...APRIL 22, 1976
DATE ELEC ENER 1ST GENER...MAY 7, 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
CORPORATE ADDRESS.....9250 WEST FLAGLER STREET P.O. BOX 529100
MIAMI, FLORIDA 33152
CONTRACTOR
ARCHITECT/ENGINEER.....EBASCO
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....R. CRLENJAK
LICENSING PROJ MANAGER.....D. SELLS
DOCKET NUMBER.....50-335
LICENSE & DATE ISSUANCE...DPR-67, MARCH 1, 1976
PUBLIC DOCUMENT ROOM.....INDIAN RIVER COMMUNITY COLLEGE LIBRARY
3209 VIRGINIA AVENUE
FT. PIERCE, FLORIDA 33450

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 15 - JUNE 10 (85-11): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 153.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF TECHNICAL SPECIFICATION (TS) COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE (QA) PRACTICES, STATION AND CORPORATE MANAGEMENT PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES AND SURVEILLANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 13-17 (85-12): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 52.5 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE PROGRAMS. WITHIN THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 12-16 (85-13): THIS ROUTINE, UNANNOUNCED SECURITY INSPECTION ENTAILED 15 INSPECTOR-HOURS ONSITE BY ONE INSPECTOR EXAMINING THE AREAS OF: SECURITY PLAN AND IMPLEMENTING PROCEDURES; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; LOCKS, KEYS AND COMBINATIONS; PHYSICAL BARRIERS - PROTECTED/VITAL AREAS; SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; ACCESS CONTROL - PACKAGES; DETECTION AIDS - PROTECTED/VITAL AREAS; COMMUNICATIONS; AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS. THERE WERE NO VIOLATIONS OR DEVIATIONS IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* ST LUCIE 1 *

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 15 - JUNE 10, 1985 +

INSPECTION REPORT NO: 50-335/85-11 +

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE.			
=====			

1. Docket: 50-389 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: N. W. GRANT (305) 552-3675

4. Licensed Thermal Power (MWh): 2700

5. Nameplate Rating (Gross MWe): 0850

6. Design Electrical Rating (Net MWe): 830

7. Maximum Dependable Capacity (Gross MWe): 832

8. Maximum Dependable Capacity (Net MWe): 837

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

7 & 8 REVISED INCREASE IN LIC. THERM PWR

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>16,632.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,089.6</u>	<u>14,695.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,043.9</u>	<u>14,244.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,924,955</u>	<u>10,474,302</u>	<u>35,832,867</u>
18. Gross Elec Ener (MWH)	<u>644,860</u>	<u>3,520,870</u>	<u>11,970,570</u>
19. Net Elec Ener (MWH)	<u>612,415</u>	<u>3,336,065</u>	<u>11,298,477</u>
20. Unit Service Factor	<u>100.0</u>	<u>93.1</u>	<u>85.6</u>
21. Unit Avail Factor	<u>100.0</u>	<u>93.1</u>	<u>85.6</u>
22. Unit Cap Factor (MDC Net)	<u>101.6</u>	<u>94.6</u>	<u>81.2</u>
23. Unit Cap Factor (DER Net)	<u>102.5</u>	<u>93.0</u>	<u>81.8</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>1.1</u>	<u>6.8</u>
25. Forced Outage Hours	<u>.0</u>	<u>46.0</u>	<u>1,037.3</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

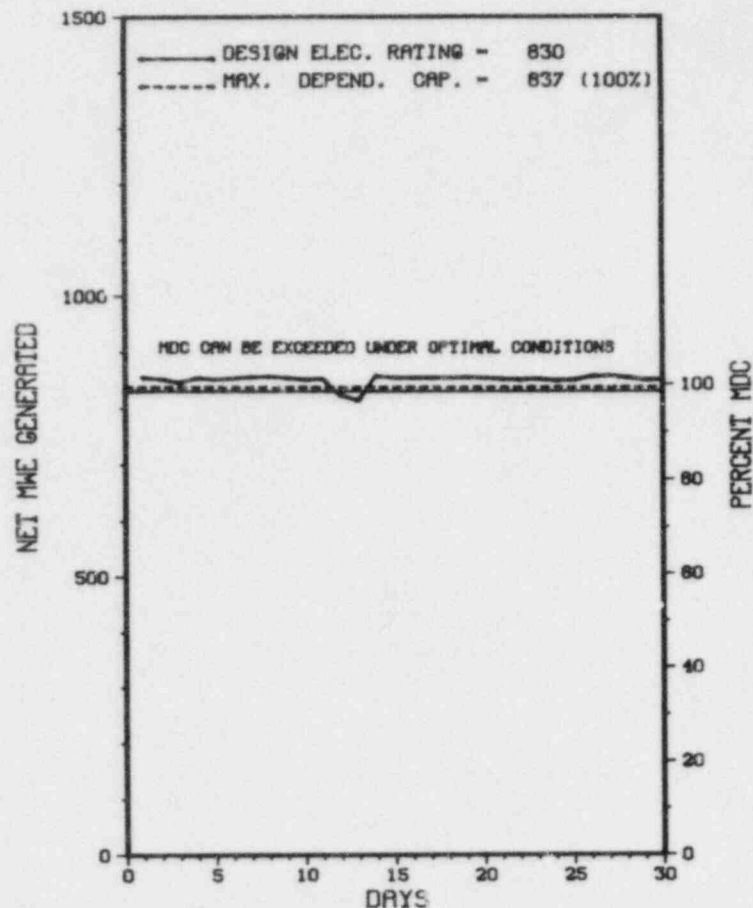
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* ST LUCIE 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ST LUCIE 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* ST LUCIE 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

ST. LUCIE 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* ST LUCIE 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....FLORIDA
COUNTY.....ST LUCIE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...12 MI SE OF
FT. PIERCE, FLA
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...JUNE 2, 1983
DATE ELEC ENER 1ST GENER...JUNE 13, 1983
DATE COMMERCIAL OPERATE...AUGUST 8, 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
CORPORATE ADDRESS.....9250 WEST FLAGLER ST., P.O. BOX 529100
MIAMI, FLORIDA 33152
CONTRACTOR
ARCHITECT/ENGINEER.....EBASCO
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....R. CRLENJAK
LICENSING PROJ MANAGER.....D. SELLS
DOCKET NUMBER.....50-389
LICENSE & DATE ISSUANCE...NPF-16, JUNE 10, 1983
PUBLIC DOCUMENT ROOM.....INDIAN RIVER COMMUNITY COLLEGE LIBRARY
3209 VIRGINIA AVENUE
FT. PIERCE, FLORIDA 33450

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 5 - JUNE 10 (85-11): THIS ROUTINE, UNANNOUNCED OF INSPECTION ENTAILED 153.5 INSPECTOR-HOURS ONSITE IN THE AREAS TECHNICAL SPECIFICATION (TS) COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE (QA) PRACTICES, STATION AND CORPORATE MANAGEMENT PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES AND SURVEILLANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 13-17 (85-12): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 52.5 INSPECTOR-HOURS ONSITE IN THE AREA OF MAINTENANCE PROGRAMS. WITHIN THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 12-16 (85-13): THIS ROUTINE, UNANNOUNCED SECURITY INSPECTION ENTAILED 15 INSPECTOR-HOURS ONSITE BY ONE INSPECTOR EXAMINING THE AREAS OF: SECURITY PLAN AND IMPLEMENTING PROCEDURES; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; LOCKS, KEYS AND COMBINATIONS; PHYSICAL BARRIERS - PROTECTED/VITAL AREAS; SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; ACCESS CONTROL - PACKAGES; DETECTION AIDS - PROTECTED/VITAL AREAS; COMMUNICATIONS; AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS. THERE WERE NO VIOLATIONS OR DEVIATIONS IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* ST LUCIE 2 *

OTHER ITEMS

PERFORMING STARTUP TESTING.

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 15 - JUNE 10, 1985 +

INSPECTION REPORT NO: 50-389/85-11 +

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-003	04/17/85	05/17/85	MANUAL REACTOR TRIP DUE TO SPURIOUS SIGNAL, DUE TO A SPURIOUS CLOSE-INTERCEPT VALVE SIGNAL.
85-004	04/17/85	04/17/85	REACTOR TRIP BY TURBINE TRIP ON HIGH STEAM GENERATOR WATER LEVEL, POOR COMPONENT PERFORMANCE AND PERSONNEL ERROR.
85-005	05/09/85	06/08/85	INADVERTENT RECIRCULATION ACTUATION SIGNAL, FAULTY SWITCH.
85-006	05/16/85	06/17/85	2 DROPPED SHUTDOWN CEAS, DUE TO A COGNITIVE PERSONNEL ERROR.

=====

1. Docket: 50-395 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: G. A. LOIGNON (803) 345-5209

4. Licensed Thermal Power (MWt): 2775

5. Nameplate Rating (Gross MWe): 0900

6. Design Electrical Rating (Net MWe): 900

7. Maximum Dependable Capacity (Gross MWe): 900

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: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>13,127.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,855.3</u>	<u>9,408.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,782.9</u>	<u>9,148.6</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,989,561</u>	<u>9,918,594</u>	<u>23,251,180</u>
18. Gross Elec Ener (MWH)	<u>665,870</u>	<u>3,316,110</u>	<u>7,748,223</u>
19. Net Elec Ener (MWH)	<u>639,898</u>	<u>3,164,105</u>	<u>7,360,630</u>
20. Unit Service Factor	<u>100.0</u>	<u>87.1</u>	<u>69.7</u>
21. Unit Avail Factor	<u>100.0</u>	<u>87.1</u>	<u>69.7</u>
22. Unit Cap Factor (MDC Net)	<u>100.4</u>	<u>82.3</u>	<u>63.4</u>
23. Unit Cap Factor (DER Net)	<u>98.7</u>	<u>81.0</u>	<u>62.3</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.9</u>	<u>8.9</u>
25. Forced Outage Hours	<u>.0</u>	<u>238.4</u>	<u>888.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

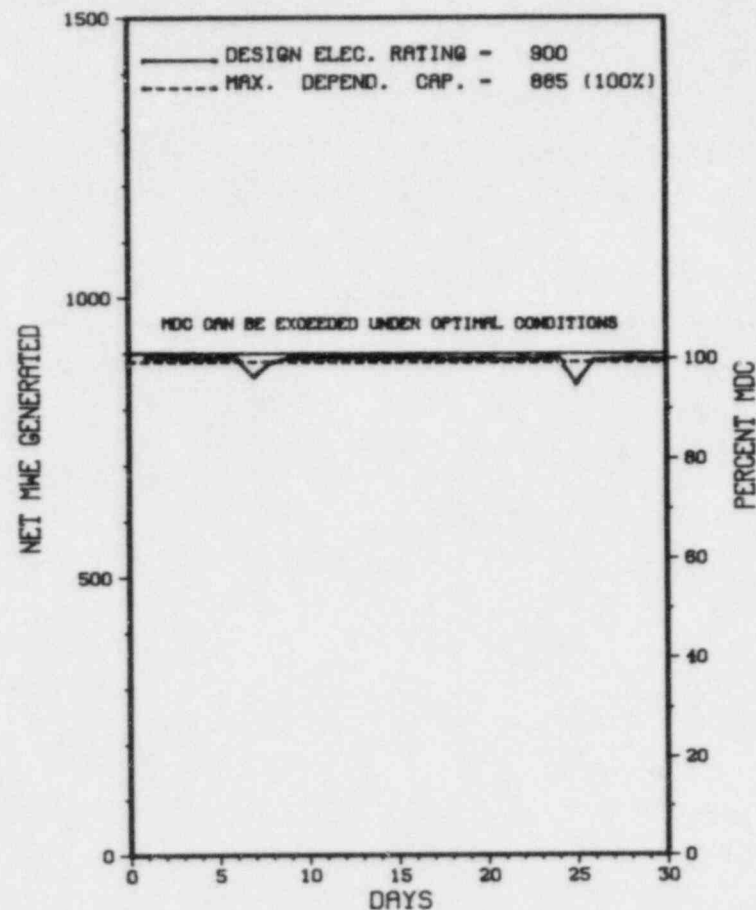
REFUELING OUTAGE: OCTOBER 1985 (42 DAYS).

27. If Currently Shutdown Estimated Startup Date: N/A

* SUMMER 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SUMMER 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* SUMMER 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

SUMMER 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SUMMER 1 *

FACILITY DATA

Report Period JUN 1985

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 1, 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 29202
CONTRACTOR
ARCHITECT/ENGINEER.....GILBERT ASSOCIATES
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....DANIEL INTERNATIONAL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....C. HEHL
LICENSING PROJ MANAGER.....J. HOPKINS
DOCKET NUMBER.....50-395
LICENSE & DATE ISSUANCE...NPF-12, NOVEMBER 12, 1982
PUBLIC DOCUMENT ROOM.....FAIRFIELD COUNTY LIBRARY
GARDEN & WASHINGTON STREETS
WINNSBORO, SOUTH CAROLINA 29180

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 1-31 (85-21): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 166 INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT TOURS; OPERATIONAL SAFETY VERIFICATIONS; MONTHLY SURVEILLANCE OBSERVATIONS; MONTHLY MAINTENANCE OBSERVATIONS; FOLLOWUP ON WRITTEN REPORTS OF NON-ROUTINE EVENTS; LICENSEE ACTION ON PREVIOUS ENFORCEMENT ITEMS; AND FOLLOWUP ON OPERATING REACTOR EVENTS. TWO VIOLATIONS WERE IDENTIFIED - FAILURE TO IMPLEMENT THE REQUIREMENT TO ACCURATELY MEASURE AND RECORD AND APPLY THE NECESSARY CORRECTION FACTOR FOR ELECTROLYTE LEVEL DURING A MONTHLY BATTERY INSPECTION; FAILURE TO PROMPTLY CLASSIFY AND INITIATE REQUIRED NOTIFICATIONS FOR AN EVENT REQUIRING DECLARATION OF NOTIFICATION OF UNUSUAL EVENT.

INSPECTION MAY 13-17 (85-22): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 34 INSPECTOR-HOURS ONSITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, STEAM GENERATOR TUBE LEAKAGE, INSPECTION AND ENFORCEMENT BULLETIN 83-03, AND INSPECTOR FOLLOWUP ITEMS. ONE VIOLATION WAS IDENTIFIED - INADEQUATE REVIEW OF SURVEILLANCE TEST PROCEDURES, PARAGRAPH 3.A.

INSPECTION MAY 13-17 (85-23): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 34 INSPECTOR-HOURS AT THE SITE DURING NORMAL DUTY HOURS, IN THE AREAS OF MECHANICAL MAINTENANCE ASSOCIATED WITH SAFETY-RELATED PIPING SYSTEMS, AND LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO FOLLOW PROCEDURES FOR HANGER INSPECTION - PARAGRAPH 5.

INSPECTION MAY 13-17 (85-24): THIS SPECIAL, ANNOUNCED INSPECTION ENTAILED 100 INSPECTOR-HOURS ONSITE IN THE AREAS OF EMERGENCY DIESEL GENERATOR RECENT PROBLEMS AND DIESEL FAILURE HISTORY. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION STATUS - (CONTINUED)

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 1-31, 1985 +

INSPECTION REPORT NO: 50-395/85-21 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-011	04/18/85	05/17/85	ROD CONTROL SYSTEM FAILURE, A DEFECTIVE SLAVE CYCLER COUNTER CARD.
85-012	04/17/85	05/17/85	LIQUID RADWASTE COMPUTER PROGRAM, NEW EFFLUENT SOFTWARE HAS BEEN DEVELOPED.
85-013	04/29/85	05/29/85	REACTOR TRIP, THIS CONDITION RESULTED FROM TRANSIENTS IN GENERATOR TANK LEVEL.
85-014	05/06/85	06/05/85	CHALLENGE OF OVERPRESSURE PROTECTION SYSTEM, AN ESF BLACKOUT LOAD SEQUENCER ACTUATION.

1. Docket: 50-280 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: VIVIAN H. JONES (804) 357-3184

4. Licensed Thermal Power (MWt): 2441

5. Nameplate Rating (Gross MWe): 942 X 0.9 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>109,775.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>3,927.8</u>	<u>68,320.5</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,774.5</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>3,887.3</u>	<u>66,896.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,736.2</u>
17. Gross Therm Ener (MWH)	<u>1,757,187</u>	<u>8,985,405</u>	<u>154,473,889</u>
18. Gross Elec Ener (MWH)	<u>582,765</u>	<u>3,003,155</u>	<u>49,855,118</u>
19. Net Elec Ener (MWH)	<u>555,156</u>	<u>2,856,483</u>	<u>47,268,327</u>
20. Unit Service Factor	<u>100.0</u>	<u>89.5</u>	<u>60.9</u>
21. Unit Avail Factor	<u>100.0</u>	<u>89.5</u>	<u>64.3</u>
22. Unit Cap Factor (MDC Net)	<u>98.7</u>	<u>84.5</u>	<u>55.1</u>
23. Unit Cap Factor (DER Net)	<u>97.8</u>	<u>83.5</u>	<u>54.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>2.7</u>	<u>19.5</u>
25. Forced Outage Hours	<u>.0</u>	<u>108.6</u>	<u>12,542.4</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

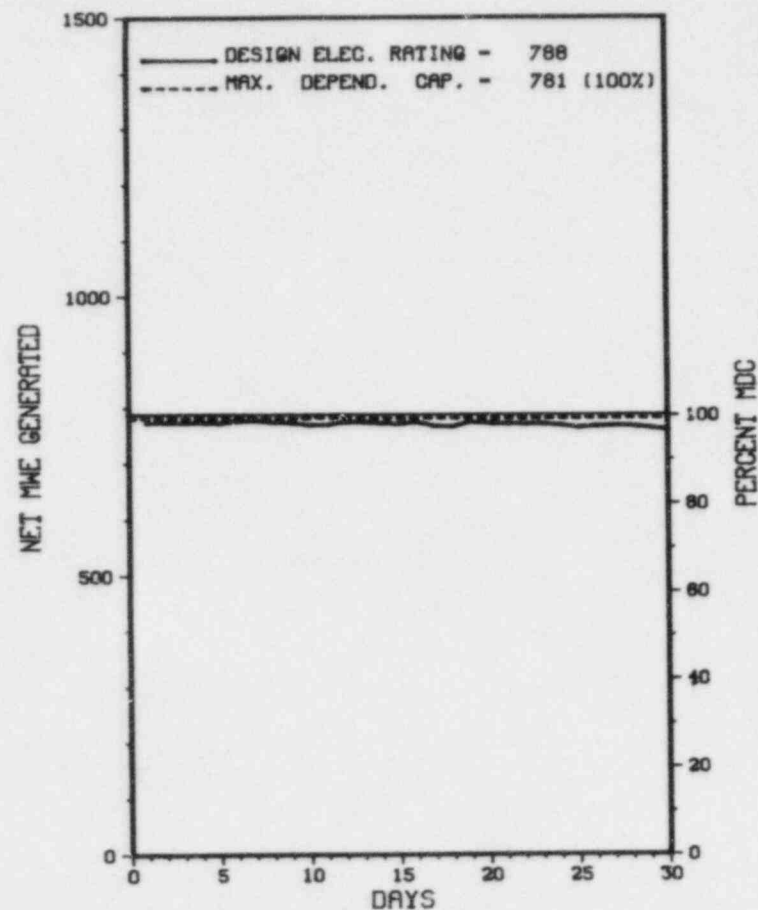
SNUBBER/MAINTENANCE - 9/13/85 - 10 DAYS

27. If Currently Shutdown Estimated Startup Date: N/A

* SURRY 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SURRY 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* SURRY 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
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NONE

* SUMMARY *

SURRY 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SURRY 1 *

FACILITY DATA

Report Period JUN 1985

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 1, 1972
DATE ELEC ENER 1ST GENER...JULY 4, 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 POWER
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.....II
IE RESIDENT INSPECTOR.....D. BURKE
LICENSING PROJ MANAGER.....D. NEIGHBORS
DOCKET NUMBER.....50-280
LICENSE & DATE ISSUANCE...DPR-32, MAY 25, 1972
PUBLIC DOCUMENT ROOM.....SWEM LIBRARY
COLLEGE OF WILLIAM AND MARY
WILLIAMSBURG, VIRGINIA 23185

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 16 (85-14): THIS SPECIAL ANNOUNCED INSPECTION ENTAILED 2.5 INSPECTOR-HOURS ONSITE (2 HOURS ON BACKSHIFT) REVIEWING THE CIRCUMSTANCES OF A LICENSEE REPORTED PHYSICAL SECURITY EVENT AND VERIFYING CORRECTIVE ACTIONS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO PROVIDE POSITIVE CONTROL OF ALL POINTS OF ACCESS INTO A VITAL AREA OF UNIT 2.

INSPECTION MAY 13-17 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 18 INSPECTOR-HOURS ONSITE IN THE AREAS OF CRACKING IN STEAM GENERATOR GIRTH WELDS (UNIT 2), LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS (UNITS 1 AND 2), INSERVICE INSPECTION (ISI) (UNIT 2), AND INSPECTOR FOLLOWUP ITEMS (IFI) (UNITS 1 AND 2). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 7 - JUNE 3 (85-19): THIS INSPECTION INVOLVED 100 INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT OPERATIONS AND OPERATING RECORDS, ENVIRONMENTALLY QUALIFIED (EQ) EQUIPMENT INSTALLATION, PLANT MAINTENANCE AND SURVEILLANCE, PLANT SECURITY, FOLLOWUP OF EVENTS AND LICENSEE EVENT REPORTS (LER). ONE VIOLATION WAS IDENTIFIED IN THE AREA OF EQ EQUIPMENT INSTALLATIONS, FAILURE TO IMPLEMENT AN ADEQUATE QUALITY ASSURANCE (QA) PROGRAM FOR DESIGN CHANGE 81-103, WHICH UPGRADED ELECTRICAL COMPONENTS IN CONTAINMENT, PARAGRAPH 6.

ENFORCEMENT SUMMARY

NONE

INSPECTION STATUS - (CONTINUED)

PAGE 2-337

1. Docket: 50-281 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: VIVIAN H. JONES (804) 357-3184

4. Licensed Thermal Power (MWt): 2441

5. Nameplate Rating (Gross MWe): 942 X 0.9 = 848

6. Design Electrical Rating (Net MWe): 788

7. Maximum Dependable Capacity (Gross MWe): 811

8. Maximum Dependable Capacity (Net MWe): 775

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

 X SURRY 2 X

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SURRY 2

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

11. Reasons for Restrictions, If Any: _____

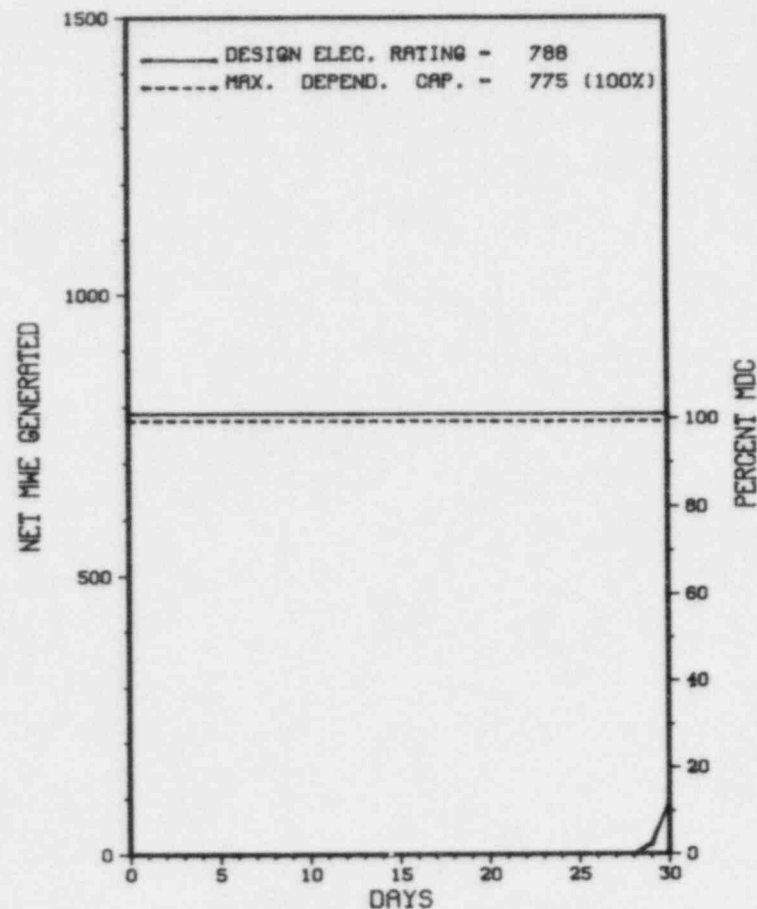
NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>106,655.0</u>
13. Hours Reactor Critical	<u>89.4</u>	<u>1,974.9</u>	<u>67,980.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>23.8</u>
15. Hrs Generator On-Line	<u>29.0</u>	<u>1,914.5</u>	<u>66,822.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>19,090</u>	<u>4,484,302</u>	<u>156,482,705</u>
18. Gross Elec Ener (MWH)	<u>3,850</u>	<u>1,430,405</u>	<u>50,715,879</u>
19. Net Elec Ener (MWH)	<u>2,720</u>	<u>1,356,443</u>	<u>48,072,885</u>
20. Unit Service Factor	<u>4.0</u>	<u>44.1</u>	<u>62.7</u>
21. Unit Avail Factor	<u>4.0</u>	<u>44.1</u>	<u>62.7</u>
22. Unit Cap Factor (MDC Net)	<u>.5</u>	<u>40.3</u>	<u>58.2</u>
23. Unit Cap Factor (DER Net)	<u>.5</u>	<u>39.6</u>	<u>57.2</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>13.7</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>7,913.9</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

SHUBBER/MAINTENANCE - 10/11/85 - 10 DAYS

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SURRY 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-1	03/20/85	S	689.0	H	4			SHUTDOWN FOR REFUELING OUTAGE CONCLUDES.
85-2	06/30/85	S	2.0	B	1			UNIT WAS SHUTDOWN FOR TURBINE OVERSPEED TEST.

 * SUMMARY *

SURRY 2 CONCLUDED REFUELING ON JUNE 28TH.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SURRY 2 *

FACILITY DATA

Report Period JUN 1985

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 7, 1973
DATE ELEC ENER 1ST GENER...MARCH 10, 1973
DATE COMMERCIAL OPERATE...MAY 1, 1973
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...JAMES RIVER
ELECTRIC RELIABILITY
COUNCIL.....SOUTHEASTERN ELECTRIC
RELIABILITY COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....VIRGINIA POWER
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.....II
IE RESIDENT INSPECTOR.....D. BURKE
LICENSING PROJ MANAGER.....D. NEIGHBORS
DOCKET NUMBER.....50-281
LICENSE & DATE ISSUANCE...DPR-37, JANUARY 29, 1973
PUBLIC DOCUMENT ROOM.....SWEM LIBRARY
COLLEGE OF WILLIAM AND MARY
WILLIAMSBURG, VIRGINIA 23185

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 16 (85-14): THIS SPECIAL ANNOUNCED INSPECTION ENTAILED 2.5 INSPECTOR-HOURS ONSITE (2 HOURS ON BACKSHIFT) REVIEWING THE CIRCUMSTANCES OF A LICENSEE REPORTED PHYSICAL SECURITY EVENT AND VERIFYING CORRECTIVE ACTIONS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO PROVIDE POSITIVE CONTROL OF ALL POINTS OF ACCESS INTO A VITAL AREA OF UNIT 2.

INSPECTION MAY 13-17 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 18 INSPECTOR-HOURS ONSITE IN THE AREAS OF CRACKING IN STEAM GENERATOR GIRTH WELDS (UNIT 2), LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS (UNITS 1 AND 2), INSERVICE INSPECTION (ISI) (UNIT 2), AND INSPECTOR FOLLOWUP ITEMS (IFI) (UNITS 1 AND 2). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 7 - JUNE 3 (85-19): THIS INSPECTION INVOLVED 100 INSPECTOR-HOURS ONSITE IN THE AREAS OF PLANT OPERATIONS AND OPERATING RECORDS, ENVIRONMENTALLY QUALIFIED (EQ) EQUIPMENT INSTALLATION, PLANT MAINTENANCE AND SURVEILLANCE, PLANT SECURITY, FOLLOWUP OF EVENTS AND LICENSEE EVENT REPORTS (LER). ONE VIOLATION WAS IDENTIFIED IN THE AREA OF EQ EQUIPMENT INSTALLATIONS, FAILURE TO IMPLEMENT AN ADEQUATE QUALITY ASSURANCE (QA) PROGRAM FOR DESIGN CHANGE 81-103, WHICH UPGRADED ELECTRICAL COMPONENTS IN CONTAINMENT, PARAGRAPH 6.

ENFORCEMENT SUMMARY

FAILURE TO PROVIDE POSITIVE CONTROL OF ALL POINTS OF ACCESS INTO A VITAL AREA OF UNIT 2.

INSPECTION STATUS - (CONTINUED)

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*****
*          SURRY 2          *
*****

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(8501 4)

SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

REFUELING OUTAGE

LAST IE SITE INSPECTION DATE: MAY 7 - JUNE 3, 1985 +

INSPECTION REPORT NO: 50-281/85-19 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-003	04/23/85	05/23/85	FAILURE OF RECIRC. SPRAY VALVES, CAUSE UNKNOWN.
85-004	05/01/85	05/31/85	DISCREPANCIES WITH EQ COMPONENTS, THE FAILURE OF THE TERMINAL SCREWS WAS DUE TO OVERTORQUING, THE CONAX CONNECTORS HAD BEEN IMPORPERLY INSTALLED.
85-005	05/14/85	06/13/85	C02 SYSTEM LOCKOUT, A SPECIFIC PROCEDURE FOR C02 SYSTEM LOCKOUTS WILL BE IMPLEMENTED.

1. Docket: 50-387 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: L. A. KUCZYNSKI (717) 542-2181

4. Licensed Thermal Power (Mwt): 3293

5. Nameplate Rating (Gross MWe): 1280 X 0.9 = 1152

6. Design Electrical Rating (Net MWe): 1065

7. Maximum Dependable Capacity (Gross MWe): 1068

8. Maximum Dependable Capacity (Net MWe): 1032

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,363.0</u>	<u>18,096.0</u>
13. Hours Reactor Critical	<u>508.5</u>	<u>1,404.5</u>	<u>11,799.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>41.8</u>	<u>473.7</u>
15. Hrs Generator On-Line	<u>440.6</u>	<u>1,324.5</u>	<u>11,473.2</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,149,907</u>	<u>3,679,462</u>	<u>34,301,386</u>
18. Gross Elec Ener (MWH)	<u>368,670</u>	<u>1,191,820</u>	<u>11,182,350</u>
19. Net Elec Ener (MWH)	<u>348,076</u>	<u>1,106,722</u>	<u>10,731,236</u>
20. Unit Service Factor	<u>61.2</u>	<u>30.5</u>	<u>63.4</u>
21. Unit Avail Factor	<u>61.2</u>	<u>30.5</u>	<u>63.4</u>
22. Unit Cap Factor (MDC Net)	<u>46.8</u>	<u>24.7</u>	<u>57.5</u>
23. Unit Cap Factor (DER Net)	<u>45.4</u>	<u>23.9</u>	<u>55.7</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>3.9</u>	<u>13.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>53.9</u>	<u>1,710.5</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

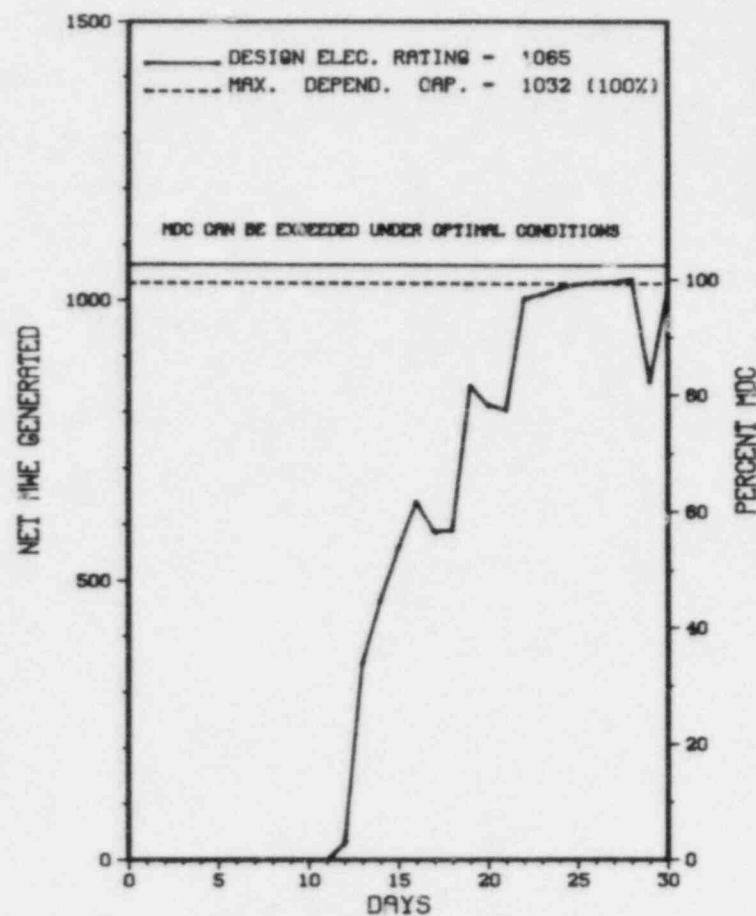
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* SUSQUEHANNA 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SUSQUEHANNA 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * SUSQUEHANNA 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
2	02/09/85	S	276.0	C	4			MANUAL SCRAM TO COMMENCE FIRST REFUELING OUTAGE. BREAKER CLOSED JUNE 12, 1985 AT 1200.
3	06/12/85	S	3.4	B	9			GENERATOR REMOVED FROM GRID FOR PERFORMANCE OF TURBINE TESTING.

 * SUMMARY *

SUSQUEHANNA 1 CONCLUDED A REFUELING OUTAGE ON JUNE 12TH.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* SUSQUEHANNA 1 *

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

Report Period JUN 1985

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 8, 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
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.....I
IE RESIDENT INSPECTOR.....R. JACOBS
LICENSING PROJ MANAGER....M. CAMPAGNONE
DOCKET NUMBER.....50-387
LICENSE & DATE ISSUANCE....NPF-14, NOVEMBER 12, 1982
PUBLIC DOCUMENT ROOM.....OSTERHOUT FREE LIBRARY
71 SOUTH FRANKLIN STREET
WILKES-BARRE, PENNSYLVANIA 18701

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

X SUSQUEHANNA 1 X

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NO INPUT PROVIDED.

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1. Docket: 50-388 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: L. A. KUCZYNSKI (717) 542-3759

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): 1068

8. Maximum Dependable Capacity (Net MWe): 1032

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>3,335.0</u>	<u>3,335.0</u>
13. Hours Reactor Critical	<u>664.7</u>	<u>3,041.6</u>	<u>3,041.6</u>
14. Rx Reserve Shtdwn Hrs	<u>6.2</u>	<u>222.9</u>	<u>222.9</u>
15. Hrs Generator On-Line	<u>651.4</u>	<u>2,968.0</u>	<u>2,968.0</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,016,617</u>	<u>9,337,975</u>	<u>9,337,975</u>
18. Gross Elec Ener (MWH)	<u>649,852</u>	<u>3,052,832</u>	<u>3,052,852</u>
19. Net Elec Ener (MWH)	<u>627,349</u>	<u>2,945,269</u>	<u>2,945,269</u>
20. Unit Service Factor	<u>90.5</u>	<u>89.0</u>	<u>89.0</u>
21. Unit Avail Factor	<u>90.5</u>	<u>89.0</u>	<u>89.0</u>
22. Unit Cap Factor (MDC Net)	<u>84.4</u>	<u>85.0</u>	<u>85.6</u>
23. Unit Cap Factor (DER Net)	<u>81.8</u>	<u>82.9</u>	<u>82.9</u>
24. Unit Forced Outage Rate	<u>9.5</u>	<u>11.0</u>	<u>11.0</u>
25. Forced Outage Hours	<u>68.6</u>	<u>367.0</u>	<u>367.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

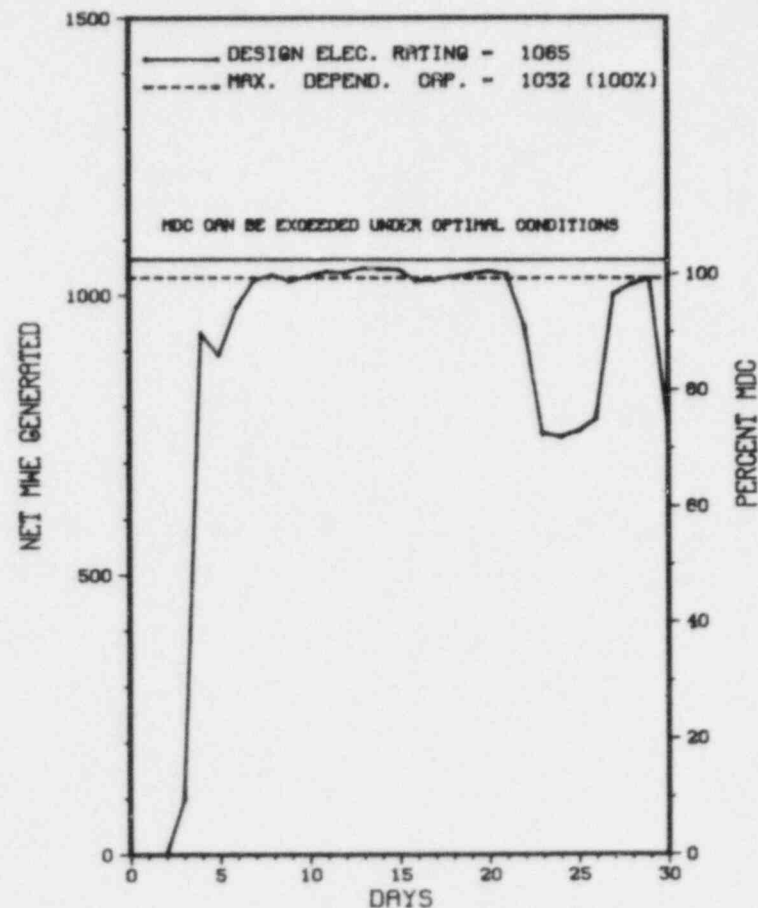
NONE

27. If Currently Shutdown Estimated Startup Date: 07/07/85

 * SUSQUEHANNA 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SUSQUEHANNA 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* SUSQUEHANNA 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
10	05/31/85	F	62.4	A	4	85-017-00	CB	VALVEX	REACTOR RECIRCULATION PUMP 'A' DISCHARGE BYPASS VALVE DEVELOPED A SEVERE PACKING LEAK WHICH LED TO THE UNIT SHUTDOWN. THE VALVE WAS REPAIRED AND THE UNIT RETURNED TO SERVICE ON JUNE 3, 1985.
11	06/30/85	F	6.2	A	3	85-021-00	EG	TRANSF	MAIN GENERATOR NEUTRAL OVERVOLTAGE WAS CAUSED BY THE FAILURE OF A MAIN TRANSFORMER 'C' PHASE LOW VOLTAGE BUSHING. THE BUSHING WAS REPLACED AND THE UNIT WAS RETURNED TO SERVICE ON JULY 7, 1985.

* SUMMARY *

SUSQUEHANNA 2 INCURRED 2 SHUTDOWNS IN JUNE AS DESCRIBED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* SUSQUEHANNA 2 *

FACILITY DATA

Report Period JUN 1985

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 8, 1984
DATE ELEC ENER 1ST GENER...JULY 3, 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
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.....I
IE RESIDENT INSPECTOR.....L. PLISCO
LICENSING PROJ MANAGER....M. CAMPAGNONE
DOCKET NUMBER.....50-388
LICENSE & DATE ISSUANCE...NPF-22, JUNE 27, 1984
PUBLIC DOCUMENT ROOM.....

WILKES-BARRE, PENNSYLVANIA 18701

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* SUSQUEHANNA 2 *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			

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1. Docket: 50-289 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: C. W. SMYTH (717) 948-8551

4. Licensed Thermal Power (MWh): 2535

5. Nameplate Rating (Gross MWe): 962 X 0.9 = 871

6. Design Electrical Rating (Net MWe): 819

7. Maximum Dependable Capacity (Gross MWe): 840

8. Maximum Dependable Capacity (Net MWe): 776

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: NONE

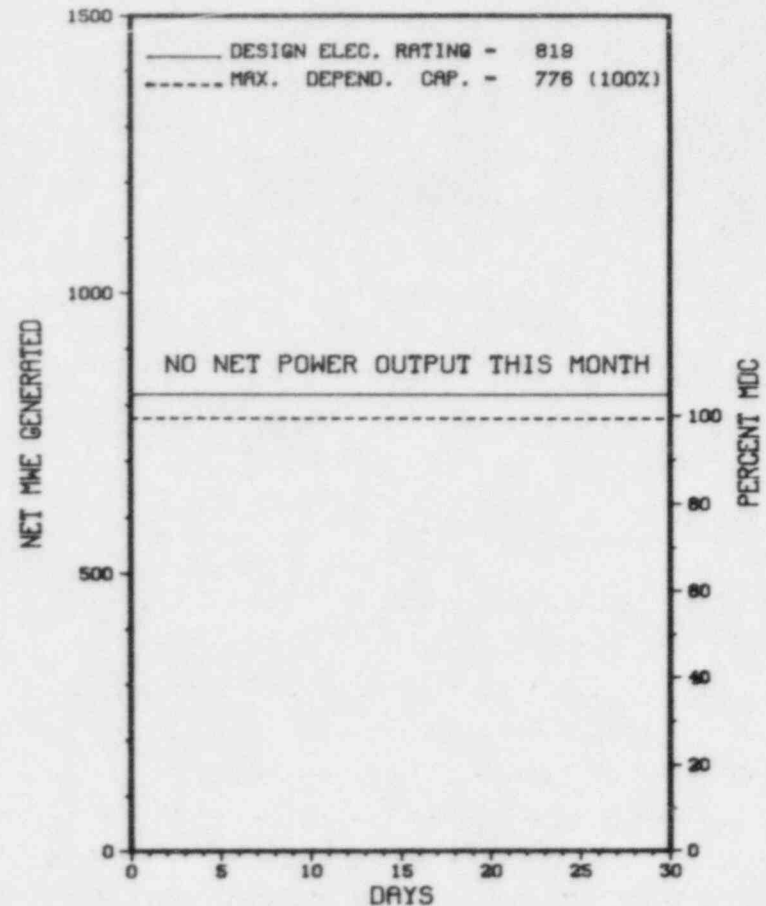
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>94,920.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>.0</u>	<u>31,731.8</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>839.5</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>.0</u>	<u>31,180.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>0</u>	<u>76,531,071</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>25,484,330</u>
19. Net Elec Ener (MWH)	<u>0</u>	<u>0</u>	<u>23,840,053</u>
20. Unit Service Factor	<u>.0</u>	<u>.0</u>	<u>32.8</u>
21. Unit Avail Factor	<u>.0</u>	<u>.0</u>	<u>32.8</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>.0</u>	<u>32.1*</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>.0</u>	<u>30.7</u>
24. Unit Forced Outage Rate	<u>100.0</u>	<u>100.0</u>	<u>64.4</u>
25. Forced Outage Hours	<u>720.0</u>	<u>4,343.0</u>	<u>56,252.5</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: N/A

* THREE MILE ISLAND 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

THREE MILE ISLAND 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * THREE MILE ISLAND 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
1	02/17/79	F	720.0	D	4		ZZ	ZZZZZZ	REGULATORY RESTRAINT ORDER CONTINUES.

 * SUMMARY *

THREE MILE ISLAND 1 REMAINS SHUT DOWN FOLLOWING THE ACCIDENT TO UNIT 2.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	Manual
S-Sched	B-Maint or Test	G-Oper Erro	Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* THREE MILE ISLAND 1 *

FACILITY DATA

Report Period JUN 1985

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 5, 1974
DATE ELEC ENER 1ST GENER...JUNE 19, 1974
DATE COMMERCIAL OPERATE...SEPTEMBER 2, 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.....P.O. BOX 480
MIDDLETOWN, PENNSYLVANIA 17057
CONTRACTOR
ARCHITECT/ENGINEER.....GILBERT ASSOCIATES
NUC STEAM SYS SUPPLIER...BABCOCK & WILCOX
CONSTRUCTOR.....UNITED ENG. & CONSTRUCTORS
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....R. CONTE
LICENSING PROJ MANAGER.....J. THOMA
DOCKET NUMBER.....50-289
LICENSE & DATE ISSUANCE...DPR-50, APRIL 19, 1974
PUBLIC DOCUMENT ROOM.....GOVERNMENT PUBLICATIONS SECTION
STATE LIBRARY OF PENNSYLVANIA
FORUM BUILDING
COMMONWEALTH AND WALNUT STREET
HARRISBURG, PENNSYLVANIA 17105

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

CONTRARY TO SECTION 4.1 OF THE GPU - OPERATIONAL QUALITY ASSURANCE PLAN, THE MAIN STEAM VENT STACK PIPING SUPPORT NO. MS-310 WAS INSTALLED TO DESIGN DRAWING NO. 0370-015 (REV 2) WHICH PROVIDED A TOLERANCE ON THE CLEARANCE BETWEEN THE PIPING AND THE SUPPORT OF 0-1/16". THE INSTALLATION CLEARANCE PROVIDED WAS INSUFFICIENT TO PERMIT THE THERMAL GROWTH AND MOVEMENT OF THE PIPING WITHOUT OVERSTRESS. CONTRARY TO ENGINEERING PROCEDURE EP-009, THE LICENSEE PERFORMED DESIGN OF THE REACTOR COOLANT LOOP VENTING PIPE HANGER NO. MC-RC.107 IN CALCULATION NO. C-1101-222-5320-002. THE HANGER IS SUPPORTED ECCENTRICALLY FROM AN EXISTING STRUCTURAL STEEL BEAM AND INDUCES A TORSIONAL MOMENT OF APPROXIMATELY 30 IN KIPS AS A RESULT OF A STEAM HAMMER LOAD. EVALUATION OF THE INTERFACE WAS MARKED ON THE VERIFICATION CHECKLIST AS BEING PERFORMED. HOWEVER, NO SUPPORTING DESIGN CALCULATION WAS PROVIDED BY THE LICENSEE TO SUBSTANTIATE THE EVALUATION EXISTS OR TO ASSURE THE ADEQUACY OF THE INTERFACE. THE ABOVE CITATIONS ARE A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT I) APPLICATION TO LICENSE NO. DPR-50.
(8500 4)

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* THREE MILE ISLAND 1 *

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

1. Docket: 50-344 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: G. ZIMMERMAN (503) 226-8119

4. Licensed Thermal Power (MWh): 3411

5. Nameplate Rating (Gross MWe): 1280 X 0.95 = 1216

6. Design Electrical Rating (Net MWe): 1130

7. Maximum Dependable Capacity (Gross MWe): 1122

8. Maximum Dependable Capacity (Net MWe): 1080

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

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>77,399.0</u>
13. Hours Reactor Critical	<u>.0</u>	<u>2,767.4</u>	<u>46,513.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,875.4</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>2,749.5</u>	<u>45,085.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>3,237.0</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>9,202,378</u>	<u>143,188,540</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>2,942,494</u>	<u>46,498,274</u>
19. Net Elec Ener (MWH)	<u>-3,854</u>	<u>2,799,254</u>	<u>43,949,754</u>
20. Unit Service Factor	<u>.0</u>	<u>63.3</u>	<u>58.3</u>
21. Unit Avail Factor	<u>.0</u>	<u>63.3</u>	<u>62.4</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>59.7</u>	<u>52.6</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>57.0</u>	<u>50.3</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.5</u>	<u>16.5</u>
25. Forced Outage Hours	<u>.0</u>	<u>159.5</u>	<u>8,882.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

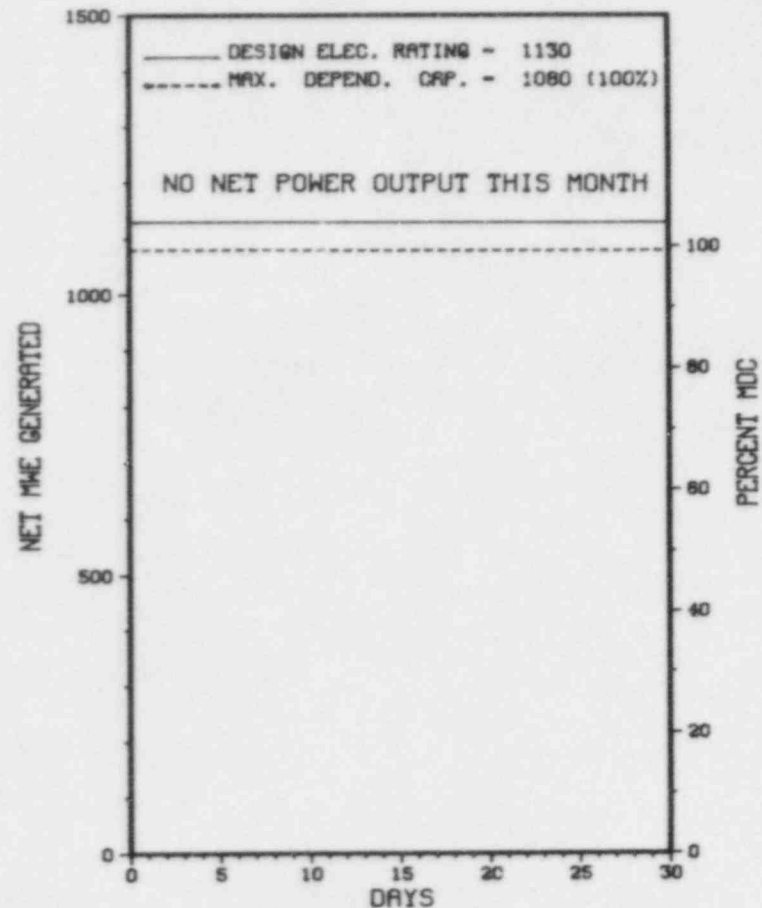
NONE

27. If Currently Shutdown Estimated Startup Date: 07/06/85

* TROJAN *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

TROJAN



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* TROJAN *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-03	05/02/85	S	720.0	C	1		ZZ	ZZZZZZ	CONTINUED ANNUAL REFUELING OUTAGE WHICH BEGAN ON MAY 2, 1985.

***** TROJAN REMAINS SHUT DOWN FOR REFUELING.
* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* TROJAN *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....OREGON
COUNTY.....COLUMBIA
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...32 MI N OF
PORTLAND, ORE
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 TOWERS
CONDENSER COOLING WATER...COOLING TOWER
ELECTRIC RELIABILITY
COUNCIL.....WESTERN SYSTEMS
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....PORTLAND GENERAL ELECTRIC
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.....V
IE RESIDENT INSPECTOR.....S. RICHARDS
LICENSING PROJ MANAGER.....C. TRAMMELL
DOCKET NUMBER.....50-344
LICENSE & DATE ISSUANCE...NPF-1, NOVEMBER 21, 1975
PUBLIC DOCUMENT ROOM.....MULTNOMAH COUNTY LIBRARY
SOCIAL SCIENCES & SCIENCE DEPARTMENT
801 SW 10TH AVENUE
PORTLAND, OREGON 97205

INSPECTION STATUS

INSPECTION SUMMARY

- + INSPECTION ON MAY 14 - JULY 1, 1985 (REPORT NO. 50-344/85-16) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 3-7, 1985 (REPORT NO. 50-344/85-17) AREAS INSPECTED: ROUTINE INSPECTION OF INSERVICE INSPECTION (ULTRASONIC EXAMINATION) OF THE REACTOR PRESSURE VESSEL. THE INSPECTION INVOLVED 58 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.
RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.
- + INSPECTION ON JUNE 3-7, 1985 (REPORT NO. 50-344/85-18) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION OF THE OFFSITE REVIEW COMMITTEE, OFFSITE SUPPORT STAFF AND OUTSTANDING OPEN ITEMS. THE INSPECTION INVOLVED 37 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.
RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.
- + INSPECTION ON MAY 30 - JUNE 6, 1985 (REPORT NO. 50-344/85-19) SUMMARY: THIS IN-OFFICE INSPECTION WAS CONDUCTED TO REVIEW THE RESULTS OBTAINED ON A SPIKED SAMPLE PROVIDED BY THE NRC.
RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* TROJAN *

INSPECTION SUMMARY

+ INSPECTION ON JUNE 17-27, 1985 (REPORT NO. 50-344/85-20) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

MODE 5 SHUTDOWN, REFUELING COMPLETE, DRAINING TO CENTERLINE OF REACTOR VESSEL NOZZLE FOR STEAM GENERATOR EDDY CURRENT TESTING.

LAST IE SITE INSPECTION DATE: 05/14-06/28/85

INSPECTION REPORT NO: 50-344/85-16

R E P O R T S F R O M L I C E N S E E

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NONE			
=====			

1. Docket: 50-250 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: N. W. GRANT (305) 552-3675

4. Licensed Thermal Power (Mwt): 2200

5. Nameplate Rating (Gross MWe): 894 X 0.85 = 760

6. Design Electrical Rating (Net MWe): 693

7. Maximum Dependable Capacity (Gross MWe): 700

8. Maximum Dependable Capacity (Net MWe): 666

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

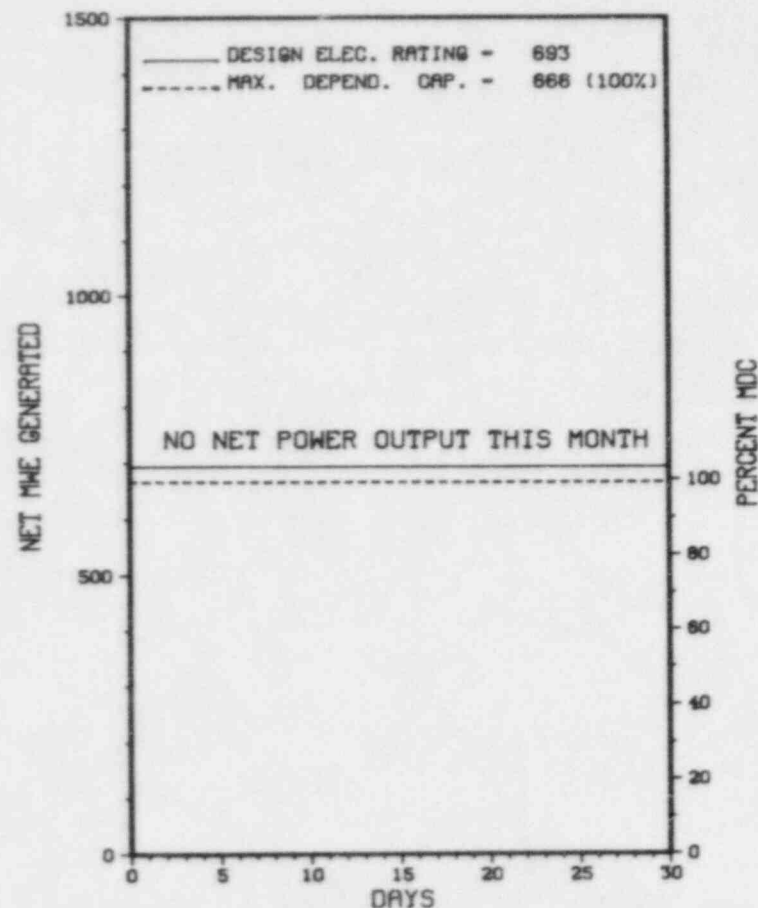
11. Reasons for Restrictions, If Any: NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>110,192.6</u>
13. Hours Reactor Critical	<u>.0</u>	<u>2,057.1</u>	<u>77,449.0</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>844.3</u>
15. Hrs Generator On-Line	<u>.0</u>	<u>2,011.6</u>	<u>75,190.9</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>121.8</u>
17. Gross Therm Ener (MWH)	<u>0</u>	<u>4,308,366</u>	<u>155,437,877</u>
18. Gross Elec Ener (MWH)	<u>0</u>	<u>1,421,925</u>	<u>49,677,620</u>
19. Net Elec Ener (MWH)	<u>-5,003</u>	<u>1,342,426</u>	<u>47,039,632</u>
20. Unit Service Factor	<u>.0</u>	<u>46.3</u>	<u>68.2</u>
21. Unit Avail Factor	<u>.0</u>	<u>46.3</u>	<u>68.3</u>
22. Unit Cap Factor (MDC Net)	<u>.0</u>	<u>46.4</u>	<u>65.7*</u>
23. Unit Cap Factor (DER Net)	<u>.0</u>	<u>44.6</u>	<u>61.6</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>5.7</u>	<u>6.0</u>
25. Forced Outage Hours	<u>.0</u>	<u>121.9</u>	<u>4,260.5</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: 07/14/85

* TURKEY POINT 3 *

AVERAGE DAILY POWER LEVEL (MDC) PLOT
TURKEY POINT 3



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * TURKEY POINT 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
06	03/30/85	S	720.0	C	4		RC FUELXX	UNIT NO. 3 REMAINED SHUTDOWN FOR REFUELING AND SCHEDULED MAINTENANCE.

***** TURKEY POINT 3 REMAINS SHUT DOWN FOR REFUELING AND MAINTENANCE.

* SUMMARY *

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other

Exhibit F & H
 Instructions for
 Preparation of
 Data Entry Sheet
 Licensee Event Report
 (LER) File (NUREG-0161)

* TURKEY POINT 3 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....FLORIDA
COUNTY.....DADE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 MI S OF
MIAMI, FLA
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...OCTOBER 20, 1972
DATE ELEC ENER 1ST GENER...NOVEMBER 2, 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
CORPORATE ADDRESS.....9250 WEST FLAGLER STREET P.O. BOX 013100
MIAMI, FLORIDA 33174
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....T. PEEBLES
LICENSING PROJ MANAGER.....D. MCDONALD
DOCKET NUMBER.....50-250
LICENSE & DATE ISSUANCE...DPR-31, JULY 19, 1972
PUBLIC DOCUMENT ROOM.....ENVIRONMENTAL AND URBAN AFFAIRS LIBRARY
FLORIDA INTERNATIONAL UNIVERSITY
MIAMI, FLORIDA 33199

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 13-17 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 50.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF DESIGN PROGRAM AND TEST AND EXPERIMENTS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* TURKEY POINT 3 *

OTHER ITEMS

NONE.

MANAGERIAL ITEMS:

PEP IN PROGRESS.

PLANT STATUS:

REFUELING OUTAGE.

LAST IE SITE INSPECTION DATE: MAY 13-17, 1985 +

INSPECTION REPORT NO: 50-250/85-18 +

R E P O R T S F R O M L I C E N S E E

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

85-012	04/29/85	05/29/85	ESF ACTUATION-EMERGENCY D/GS, CONSTRUCTION PERSONNEL WERE CLOSING THE PANEL'S SWING DOORS.
85-013	05/02/85	06/03/85	ESF ACTUATION-EMERGENCY D/G AUTOMATIC START, AN INCORRECT STEP IN 3-OP-005 USED TO DE-ENERGIZE THE 3A 4160 VOLT BUS.
85-014	05/20/85	06/19/85	T.S.-REFUELING CAVITY LEVEL, PERSONNEL OVERSIGHT IN THAT THE T.S. REQUIREMENTS WERE NOT PROPERLY REVIEWED.
=====			

1. Docket: 50-251 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: N. W. GRANT (305) 552-3675

4. Licensed Thermal Power (MWh): 2200

5. Nameplate Rating (Gross MWe): 894 X 0.85 = 760

6. Design Electrical Rating (Net MWe): 693

7. Maximum Dependable Capacity (Gross MWe): 700

8. Maximum Dependable Capacity (Net MWe): 666

9. If Changes Occur Above Since Last Report, Give Reasons: NONE

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

11. Reasons for Restrictions, If Any: _____
NONE

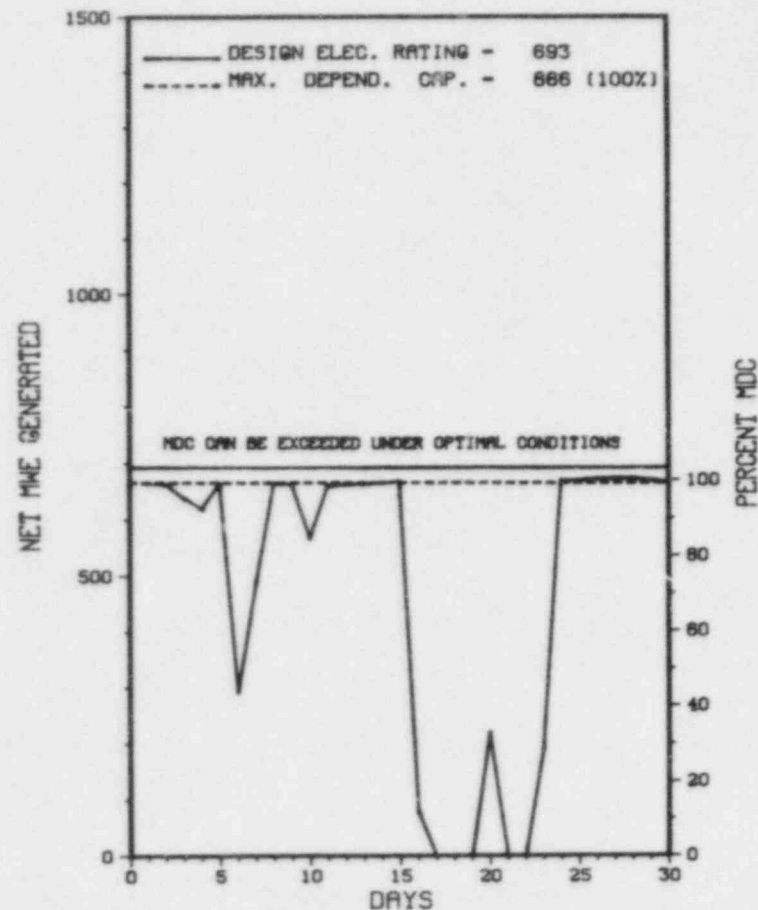
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>103,920.0</u>
13. Hours Reactor Critical	<u>561.7</u>	<u>3,904.1</u>	<u>73,622.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>166.6</u>
15. Hrs Generator On-Line	<u>549.3</u>	<u>3,862.0</u>	<u>71,109.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>31.2</u>
17. Gross Therm Ener (MWH)	<u>1,159,505</u>	<u>8,277,310</u>	<u>150,416,416</u>
18. Gross Elec Ener (MWH)	<u>365,665</u>	<u>2,677,725</u>	<u>47,870,182</u>
19. Net Elec Ener (MWH)	<u>343,717</u>	<u>2,542,604</u>	<u>45,328,934</u>
20. Unit Service Factor	<u>76.3</u>	<u>88.9</u>	<u>68.4</u>
21. Unit Avail Factor	<u>76.3</u>	<u>88.9</u>	<u>68.5</u>
22. Unit Cap Factor (MDC Net)	<u>71.7</u>	<u>87.9</u>	<u>67.2*</u>
23. Unit Cap Factor (DER Net)	<u>68.9</u>	<u>84.5</u>	<u>62.9</u>
24. Unit Forced Outage Rate	<u>12.6</u>	<u>5.6</u>	<u>6.3</u>
25. Forced Outage Hours	<u>79.1</u>	<u>362.6</u>	<u>4,400.7</u>
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):	<u>NONE</u>		

27. If Currently Shutdown Estimated Startup Date: N/A

* TURKEY POINT 4 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

TURKEY POINT 4



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* TURKEY POINT 4 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
13	06/06/85	F	17.1	A	3	251-85-13	EB	GENERA	A REACTOR TRIP RESULTED FROM A TURBINE TRIP ON HIGH STEAM GENERATOR LEVEL. THE HIGH LEVEL HAD RESULTED FROM A LOSS OF AUTOMATIC FEEDWATER CONTROL DUE TO A TRIP OF AN AC POWER INVERTER. THE UNIT RETURNED TO POWER OPERATION.
14	06/16/85	S	91.6	B	1		ZZ	ZZZZZZ	UNIT SHUTDOWN TO CONDUCT SAFEGUARDS SYSTEMS TESTING FOR UNIT NO. 3. THE UNIT THEN RETURNED TO POWER OPERATION.
15	06/20/85	F	62.0	G	3	251-85-17	EB	GENERA	REACTOR TRIP ON HIGH PRESSURIZER PRESSURE RESULTING FROM LOSS OF VITAL AC PANEL. EVENT CAUSED BY INCORRECT ACTIONS IN PLACING INVERTER IN SERVICE RESULTING IN AN INVERTER TRIP. THE UNIT RETURNED TO POWER OPERATION.

* SUMMARY *

TURKEY POINT 3 INCURRED 3 SHUTDOWNS IN JUNE AS DISCUSSED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* TURKEY POINT 4 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....FLORIDA
COUNTY.....DADE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 MI S OF
MIAMI, FLA
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...JUNE 11, 1973
DATE ELEC ENER 1ST GENER...JUNE 21, 1973
DATE COMMERCIAL OPERATE...SEPTEMBER 7, 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
CORPORATE ADDRESS.....9250 WEST FLAGLER STREET P.O. BOX 013100
MIAMI, FLORIDA 33174
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....BECHTEL
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....II
IE RESIDENT INSPECTOR.....T. PEEBLES
LICENSING PROJ MANAGER.....D. McDONALD
DOCKET NUMBER.....50-251
LICENSE & DATE ISSUANCE...DPR-41, APRIL 10, 1973
PUBLIC DOCUMENT ROOM.....ENVIRONMENTAL AND URBAN AFFAIRS LIBRARY
FLORIDA INTERNATIONAL UNIVERSITY
MIAMI, FLORIDA 33199

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION MAY 13-17 (85-18): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 50.5 INSPECTOR-HOURS ONSITE IN THE AREAS OF DESIGN PROGRAM AND TEST AND EXPERIMENTS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* TURKEY POINT 4 *

OTHER ITEMS

NONE.

MANAGERIAL ITEMS:

PEP IN PROGRESS.

PLANT STATUS:

NORMAL OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 13-17, 1985 +

INSPECTION REPORT NO: 50-251/85-18 +

R E P O R T S F R O M L I C E N S E E

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=====
NUMBER      DATE OF      DATE OF      SUBJECT
            EVENT       REPORT
-----
85-009      04/25/85    05/28/85    T.S.-EMERGENCY D/G, THE CAUSE OF THE EVENT WAS PERSONNEL OVERSIGHT.
85-010      05/15/85    06/14/85    REACTOR PROTECTION SYSTEM ACTUATION-REACTOR TRIP, RESULTED FROM THE PHYSICAL ACTUATION OF AN ESF
            RELAY WHICH WAS INADVERTENTLY BUMPED.
85-011      05/17/85    06/17/85    ESF ACTUATION-REACTOR TRIP, DUE TO MULTIPLE INTENSE BRUSH FIRES.
=====
```

1. Docket: 50-271 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: F. J. BURGER (802) 257-7711 X136

4. Licensed Thermal Power (Mwt): 1593

5. Nameplate Rating (Gross MWe): 626 X 0.9 = 563

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: NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>111,985.8</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,328.0</u>	<u>91,141.7</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,322.6</u>	<u>88,752.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>1,117,366</u>	<u>6,774,273</u>	<u>129,333,272</u>
18. Gross Elec Ener (MWH)	<u>363,263</u>	<u>2,272,482</u>	<u>43,062,230</u>
19. Net Elec Ener (MWH)	<u>340,834</u>	<u>2,166,652</u>	<u>40,867,500</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.5</u>	<u>79.3</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.5</u>	<u>79.3</u>
22. Unit Cap Factor (MDC Net)	<u>93.9</u>	<u>99.0</u>	<u>72.4</u>
23. Unit Cap Factor (DER Net)	<u>92.1</u>	<u>97.1</u>	<u>71.0</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.5</u>	<u>7.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>20.4</u>	<u>5,466.6</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

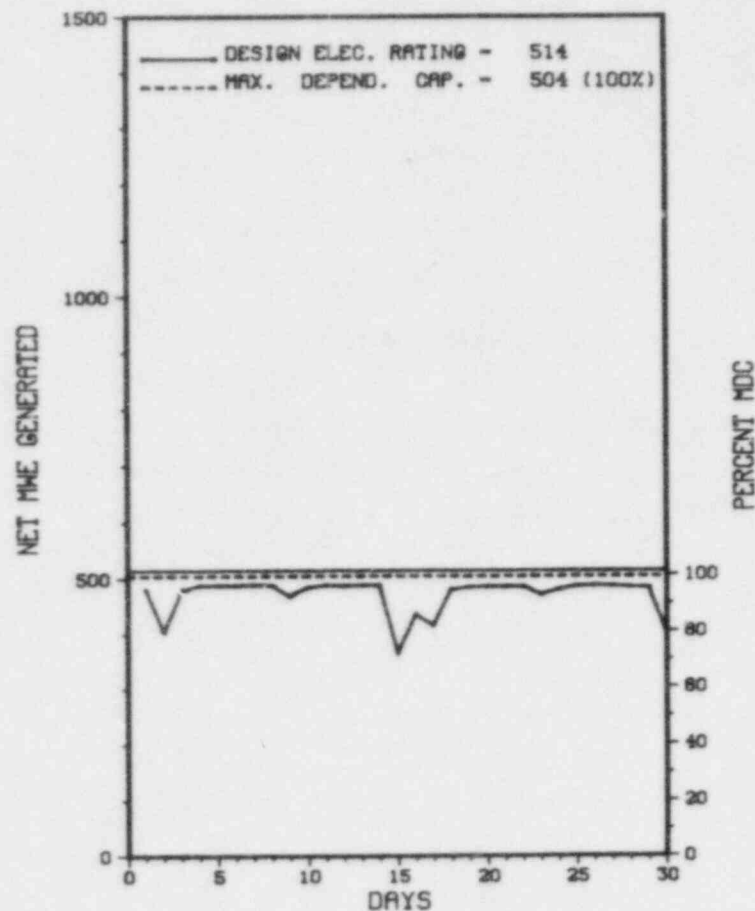
REFUELING & MAINTENANCE: 09/21/85 - 04/15/86

27. If Currently Shutdown Estimated Startup Date: N/A

* V E R M O N T Y A N K E E 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

VERMONT YANKEE 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* VERMONT YANKEE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-09	06/02/85	S	0.0	B	5		RB	CONROD	POWER REDUCTION FOR TURBINE AND CONTROL ROD SURVEILLANCE.
85-10	06/15/85	S	0.0	B	5		RB	CONTOD	POWER REDUCTION FOR TURBINE AND CONTROL ROD SURVEILLANCE.
85-11	06/30/85	S	0.0	B	5		RB	CONROD	POWER REDUCTION FOR TURBINE AND CONTROL ROD SURVEILLANCE.

* SUMMARY *

VERMONT YANKEE OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 3 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* VERMONT YANKEE 1 *

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

Report Period JUN 1985

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.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....VERMONT YANKEE NUCLEAR POWER
CORPORATE ADDRESS.....1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
CONTRACTOR
ARCHITECT/ENGINEER.....EBASCO
NUC STEAM SYS SUPPLIER...GENERAL ELECTRIC
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....W. RAYMOND
LICENSING PROJ MANAGER....V. ROONEY
DOCKET NUMBER.....50-271
LICENSE & DATE ISSUANCE...DPR-28, FEBRUARY 28, 1973
PUBLIC DOCUMENT ROOM.....BROOKS MEMORIAL LIBRARY
224 MAIN STREET
BRATTLEBORO, VERMONT 05301

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

ATTACHMENT 1 TO THE ORDER INDICATED THAT THE ACTIONS PERTAINING TO THE CAPABILITY FOR EFFLUENT MONITORING OF RADIOIODINE, AND THE INSTALLATION OF CONTAINMENT RADIATION LEVEL MONITORS WERE COMPLETED (PURSUANT TO THE CRITERIA SPECIFIED IN NUREG-0737, ITEM II.F.1) ON JANUARY 1, 1982. CONTRARY TO THE ABOVE, AS OF MAY 21, 1984: 1) THE LICENSEE'S INSTALLATION FOR EFFLUENT MONITORING OF PARTICULATES AND RADIOIODINE APPEARED INSUFFICIENT TO PROVIDE REPRESENTATIVE SAMPLES OF THE EFFLUENT RELEASE AS SPECIFIED IN THE ORDER RELATIVE TO NUREG-0737 ITEM II.F.1-2; NOR WAS THE SYSTEM VERIFIED OR VALIDATED TO PROVIDE FOR SUCH CAPABILITY AS STATED IN THE DESIGN CRITERIA. 2) THE LICENSEE'S INSTALLATION OF HIGH RADIATION MONITORING CHANNELS IN THE DRYWELL WAS INSUFFICIENT IN THAT THE DETECTORS WERE NOT WIDELY SEPARATED AS SPECIFIED IN THE ORDER RELATIVE TO THE REQUIREMENTS OF NUREG-0737 ITEM II.F.1-3. THE MONITORS WERE LOCATED WITHIN 12 FEET FROM EACH OTHER. THIS IS A SEVERITY LEVEL IV VIOLATION (SUPPLEMENT I).
(8401 4)

VY RECEIPT INSPECTION PROCEDURES WERE INADEQUATE IN THAT THEY; (1) FAILED TO PROVIDE SUFFICIENT PREDETERMINED INSTRUCTIONS WHICH RESULTED IN INCOMPLETE, CARELESS AND UNFACTUAL RECEIPT INSPECTIONS, AND (2) FAILED TO DEFINE PREVENTIVE MAINTENANCE REQUIREMENTS WHICH CONTROLLED THE STORAGE OF SAFETY MATERIALS TO PRECLUDE DETERIORATION BY ENVIRONMENTAL CONDITIONS SUCH AS TEMPERATURE AND

INSPECTION STATUS - (CONTINUED)

ENFORCEMENT SUMMARY

OTHER ITEMS

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

PAGE 2-369

1. Docket: 50-397 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: LEONARD HUTCHISON (509) 377-2501 X2486

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): 1155

8. Maximum Dependable Capacity (Net MWe): 1100

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

 * WASHINGTON NUCLEAR 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
 WASHINGTON NUCLEAR 2

10. Power Level To Which Restricted, If Any (Net MWe): 657

11. Reasons for Restrictions, If Any: _____

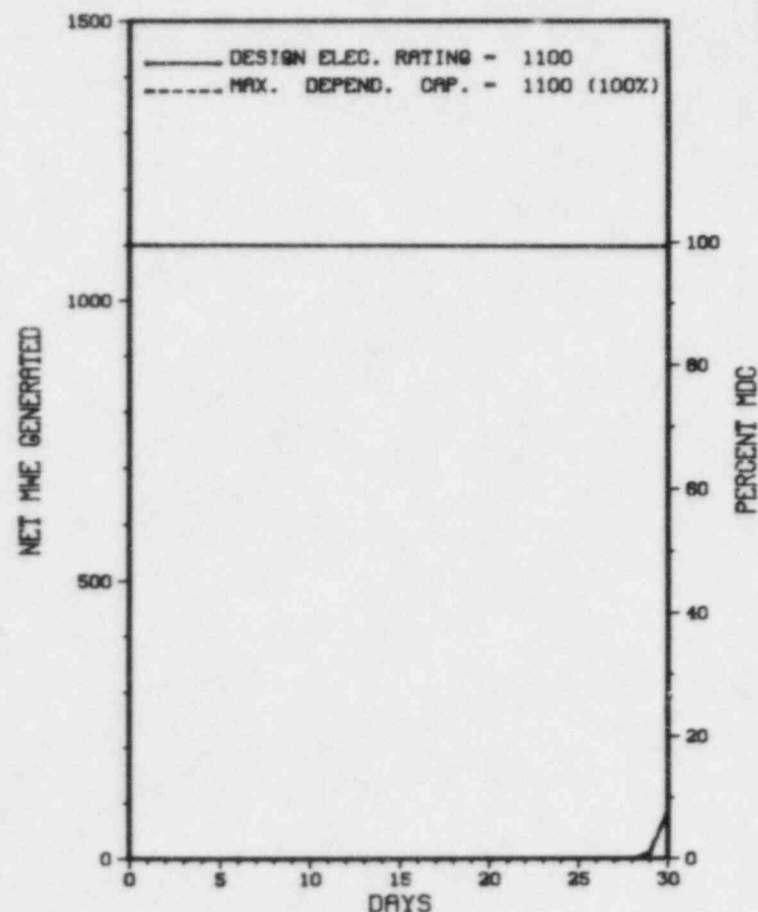
'B' RFW PUMP OUT OF SERVICE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>4,783.2</u>
13. Hours Reactor Critical	<u>81.3</u>	<u>2,643.3</u>	<u>3,059.8</u>
14. Rx Reserve Shtdwn Hrs	<u>360.0</u>	<u>1,029.9</u>	<u>1,029.9</u>
15. Hrs Generator On-Line	<u>19.5</u>	<u>2,431.0</u>	<u>2,829.5</u>
16. Unit Reserve Shtdwn Hrs	<u>360.0</u>	<u>1,046.9</u>	<u>1,046.9</u>
17. Gross Therm Ener (MWH)	<u>16,757</u>	<u>6,832,443</u>	<u>8,046,071</u>
18. Gross Elec Ener (MWH)	<u>2,680</u>	<u>2,234,440</u>	<u>2,661,370</u>
19. Net Elec Ener (MWH)	<u>2,288</u>	<u>2,145,459</u>	<u>2,555,845</u>
20. Unit Service Factor	<u>2.7</u>	<u>56.0</u>	<u>59.2</u>
21. Unit Avail Factor	<u>52.7</u>	<u>80.1</u>	<u>81.0</u>
22. Unit Cap Factor (MDC Net)	<u>.3</u>	<u>44.6</u>	<u>48.6</u>
23. Unit Cap Factor (DER Net)	<u>.3</u>	<u>44.9</u>	<u>48.6</u>
24. Unit Forced Outage Rate	<u>51.7</u>	<u>18.3</u>	<u>17.2</u>
25. Forced Outage Hours	<u>20.9</u>	<u>545.1</u>	<u>586.8</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: N/A



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

 * WASHINGTON NUCLEAR 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-09	05/03/85	S	677.3	H	4				PLANT HAS BEEN SHUTDOWN SINCE MAY 3RD TO ACCOMMODATE FISH FLOW REQUIREMENTS OF THE COLUMBIA RIVER WATER MANAGEMENT PROGRAM THRU JUNE 15, 1985. THE M3 SCHEDULED MAINTENANCE PROGRAM WAS PERFORMED CONCURRENTLY DURING THIS PERIOD AND EXTENDED ON TO JUNE 29, 1985.
85-10	06/29/85	F	20.9	A	1		CH	PUMPXX	REACTOR WAS MANUALLY SCRAMMED BECAUSE OF AN OIL FIRE ON 'B' RFW PUMP OUTBOARD BEARING DUE TO BEARING FAILURE. THE CAUSE OF FAILURE AND REPAIRS REQUIRED, ARE BEING EVALUATED.
85-11	06/30/85	S	2.3	B	1		HA	TURBIN	GENERATOR WAS TAKEN OFF-LINE FOR OVERSPEED TESTING OF TURBINE.

 * SUMMARY *

 WNP-2 INCURRED 3 SHUTDOWNS IN JUNE AS DESCRIBED ABOVE.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* WASHINGTON NUCLEAR 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....WASHINGTON
COUNTY.....BENTON
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...12 MI. NW OF
RICHLAND, WASH.
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
COORDINATING 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.....V
IE RESIDENT INSPECTOR.....A. TOTH
LICENSING PROJ MANAGER.....J. BRADFUTE
DOCKET NUMBER.....50-397
LICENSE & DATE ISSUANCE...NPF-21, APRIL 13, 1984
PUBLIC DOCUMENT ROOM.....RICHLAND PUBLIC LIBRARY
SWIFT AND NORTHGATE STREETS
RICHLAND, WA 99352

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH 25-29, 1985 (REPORT NO. 50-397/85-10) AREAS INSPECTED: AN ANNOUNCED APPRAISAL OF THE EMERGENCY RESPONSE FACILITIES (ERFS) WAS CONDUCTED USING DRAFT REVISION 5 OF IE INSPECTION PROCEDURE 82212 TO DETERMINE IF THE LICENSEE HAS SUCCESSFULLY IMPLEMENTED THE REQUIREMENTS IN SUPPLEMENT 1 TO NUREG-0737 AND THE REGULATIONS. THE APPRAISAL COVERED THE TECHNICAL SUPPORT CENTER (TSC), CONTROL ROOM RESPONSE, OPERATIONAL SUPPORT CENTER (OSC), EMERGENCY OPERATIONS FACILITY (EOF) AND ALTERNATE EOF, AS WELL AS THE INSTRUMENTATION, SUPPLIES AND EQUIPMENT FOR THESE FACILITIES. THE APPRAISAL INVOLVED 396 INSPECTOR-HOURS ONSITE BY EIGHT NRC INSPECTORS AND TWO CONTRACTOR TEAM MEMBERS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED. A NUMBER OF ITEMS FOR IMPROVING THE LICENSEE'S PROGRAM HAVE BEEN IDENTIFIED IN THE REPORT.

+ INSPECTION ON JUNE 24-28, 1985 (REPORT NO. 50-397/85-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 6-31, 1985 (REPORT NO. 50-397/85-16) AREAS INSPECTED: INCLUDED REVIEW OF SECURITY PLAN AND IMPLEMENTING PROCEDURES; MANAGEMENT EFFECTIVENESS; SECURITY ORGANIZATION; SECURITY PROGRAM AUDIT; RECORDS AND REPORTS; TESTING AND MAINTENANCE; LOCKS, KEYS AND COMBINATIONS; PHYSICAL BARRIERS--PROTECTED AREAS; PHYSICAL BARRIERS--VITAL AREAS, MATERIAL ACCESS AREAS AND CONTROLLED ACCESS AREAS; LIGHTING; COMPENSATORY MEASURES; ASSESSMENT AIDS; ACCESS CONTROL--PERSONNEL; ACCESS CONTROL--PACKAGES (REACTORS); ACCESS CONTROL--VEHICLES; DETECTION AIDS--PROTECTED AREAS; DETECTION AIDS--VITAL AREAS, MATERIAL ACCESS AREAS AND CONTROLLED ACCESS AREAS; ALARM STATIONS; COMMUNICATIONS; PERSONNEL TRAINING AND QUALIFICATIONS--GENERAL REQUIREMENTS; SAFEGUARDS CONTINGENCY PLAN IMPLEMENTATION REVIEW; AND FOLLOWUP ON PAST INSPECTION ITEMS. THE INSPECTION INVOLVED 40 INSPECTOR-HOURS ONSITE

INSPECTION STATUS - (CONTINUED)

INSPECTION SUMMARY

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

- + INSPECTION ON MAY 6-10, 1985 (REPORT NO. 50-397/85-17) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON MAY 1-31, 1985 (REPORT NO. 50-397/85-19) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 1 - JULY 2, 1985 (REPORT NO. 50-397/85-21) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON JUNE 10-28, 1985 (REPORT NO. 50-397/85-22) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.
- + INSPECTION ON MAY 30 - JUNE 5, 1985 (REPORT NO. 50-397/85-23) SUMMARY: THIS IN-OFFICE INSPECTION WAS CONDUCTED TO REVIEW THE RESULTS OBTAINED ON A SPIKED SAMPLE PROVIDED BY THE NRC.

ENFORCEMENT SUMMARY

OTHER ITEMS

DIESEL GENERATOR VOLTAGE REGULATOR SETPOINT DISCOVERED SET TOO LOW TO AUTOMATICALLY LOCK ON TO A DE-ENERGIZED BUS.

FIRST MAINTENANCE OUTAGE SCHEDULED FOR MAY 1985.

ENFORCEMENT CONFERENCE HELD 02/28/85.

NONE

LAST IE SITE INSPECTION DATE: 06/01-07/02/85+

INSPECTION REPORT NO: 50-397/85-21+

Report Period JUN 1985

R E P O R T S F R O M L I C E N S E E

* WASHINGTON NUCLEAR 2 *

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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NONE			
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1. Docket: 50-382 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: GEORGE MILLER (504) 467-8211

4. Licensed Thermal Power (MWt): 3410

5. Nameplate Rating (Gross MWe): 1153

6. Design Electrical Rating (Net MWe): 1104

7. Maximum Dependable Capacity (Gross MWe): 1104

8. Maximum Dependable Capacity (Net MWe): 1104

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: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>2,497.1</u>	<u>2,497.1</u>
13. Hours Reactor Critical	<u>105.4</u>	<u>1,151.2</u>	<u>1,151.2</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>80.4</u>	<u>998.5</u>	<u>998.5</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>198,642</u>	<u>1,664,633</u>	<u>1,664,633</u>
18. Gross Elec Ener (MWH)	<u>56,660</u>	<u>487,450</u>	<u>487,450</u>
19. Net Elec Ener (MWH)	<u>52,730</u>	<u>442,477</u>	<u>442,477</u>
20. Unit Service Factor			
21. Unit Avail Factor		NOT IN	
22. Unit Cap Factor (MDC Net)		COMMERCIAL	
23. Unit Cap Factor (DER Net)		OPERATION	
24. Unit Forced Outage Rate			
25. Forced Outage Hours	<u>91.7</u>	<u>878.0</u>	<u>878.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

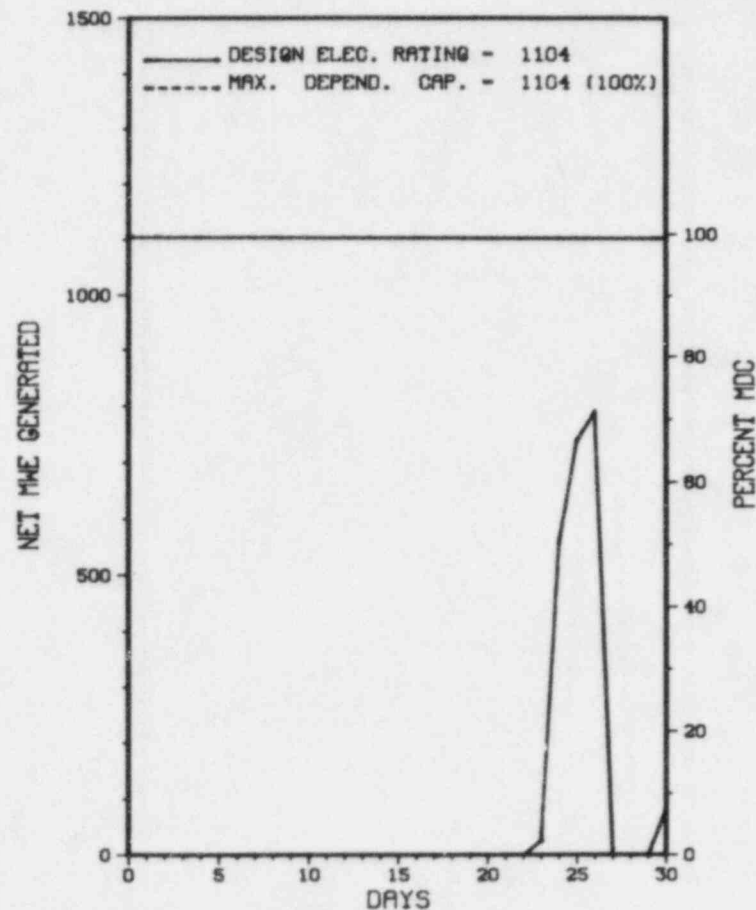
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* WATERFORD 3 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

WATERFORD 3



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* WATERFORD 3 *

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
85-011	05/29/85	S	547.9	B	3		ZZ	ZZZZZZ	AT 20% POWER, A REACTOR TRIP COOLANT FLOW OCCURRED DUE TO MANUALLY TRIPPING THE TURBINE AS A PART OF THE LOSS OF OFFSITE POWER TEST. THE UNIT WAS LATER SHUT DOWN TO REMOVE LEAD CARBONATE DEPOSITS FOUND IN THE ELECTRICAL GENERATOR.
85-012	06/26/85	F	76.3	A	3	85-027	SJ	P	AT 90% POWER, A REACTOR TRIP DUE TO MANUALLY TRIPPING THE TURBINE FOLLOWING A FIRE IN A STEAM GENERATOR FEED PUMP.
85-013	06/30/85	F	15.4	H	3	85-029	ZZ	ZZZZZZ	AT 15% POWER, A REACTOR TRIP OCCURRED ON HIGH STEAM GENERATOR LEVELS.

* SUMMARY *

WATERFORD 3 EXPERIENCED 3 SHUTDOWNS IN JUNE AS DISCUSSED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& license Examination	9-Other	(LER) File (NUREG-0161)

* WATERFORD 3 *

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

Report Period JUN 1985

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 4, 1985
DATE ELEC ENER 1ST GENER...MARCH 18, 1985
DATE COMMERCIAL OPERATE...*****
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...MISSISSIPPI RIVER
ELECTRIC RELIABILITY
COUNCIL.....SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....LOUISIANA POWER & LIGHT
CORPORATE ADDRESS.....142 DELARONDE STREET
NEW ORLEANS, LOUISIANA 70174
CONTRACTOR
ARCHITECT/ENGINEER.....EBASCO
NUC STEAM SYS SUPPLIER...COMBUSTION ENGINEERING
CONSTRUCTOR.....EBASCO
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....IV
IE RESIDENT INSPECTOR.....T. FLIPPO
LICENSING PROJ MANAGER.....J. WILSON
DOCKET NUMBER.....50-382
LICENSE & DATE ISSUANCE....NPF-38, MARCH 16, 1985
PUBLIC DOCUMENT ROOM.....HEAD LIBRARIAN
LOUISIANA COLLECTION
EARL K. LONG LIBRARY
UNIVERSITY OF NEW ORLEANS
LAKEFRONT DRIVE
NEW ORLEANS, LOUISIANA 70148

I N S P E C T I O N S T A T U S

INSPECTION SUMMARY

INSPECTION CONDUCTED APRIL 29 - MAY 3, 1985 (85-14)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RADIATION PROTECTION PROGRAM (RP) TO INCLUDE: ORGANIZATION AND MANAGEMENT CONTROLS, TRAINING AND QUALIFICATIONS, ALARA PROGRAM, RADIOLOGICAL SHIELD SURVEY PROGRAM DURING POWER ASCENSION TESTING, AND A REVIEW OF THE CIRCUMSTANCES SURROUNDING DISCHARGES OF STEAM GENERATOR BLOWDOWN (SGB) TO ONSITE SEDIMENT PONDS.

WITHIN THE FIVE AREAS INSPECTED, NO VIOLATIONS OF DEVIATIONS WERE IDENTIFIED.

INSPECTION CONDUCTED MAY 6-10, 1985 (85-15)

ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S EMERGENCY PREPAREDNESS PROGRAM.

WITHIN THE EMERGENCY RESPONSE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION CONDUCTED APRIL 29 - MAY 3, 1985 (85-17)

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* WATERFORD 3 *

INSPECTION SUMMARY

ROUTINE, ANNOUNCED INSPECTION OF THE LICENSEE'S CHEMISTRY/RADIOCHEMISTRY PROGRAM INCLUDING ORGANIZATION, QUALIFICATIONS, TRAINING, ADMINISTRATIVE AND ANALYTICAL PROCEDURES, FACILITIES AND EQUIPMENT, QUALITY ASSURANCE (QA) PROGRAM FOR CHEMISTRY/RADIOCHEMISTRY ACTIVITIES, RADIOCHEMISTRY CONFIRMATORY MEASUREMENTS, AND WHOLE BODY COUNTING SYSTEM CONFIRMATORY MEASUREMENTS.

WITHIN THE EIGHT AREAS INSPECTED, NO VIOLATIONS WERE IDENTIFIED IN SEVEN AREAS. ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO ESTABLISH SAMPLING PROCEDURE, PARAGRAPH 6).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 29 - MAY 3, 1985

INSPECTION REPORT NO: 50-382/85-17

R E P O R T S F R O M L I C E N S E E

=====

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
85-15	4/22/85	6/4/85	INOPERABLE LIQUID EFFLUENT MONITOR
85-17	5/5/85	6/4/85	REACTOR TRIP ON INADVERTENT CLOSURE OF MAIN STEAM ISOLATION VALVE
85-18	5/11/85	6/10/85	REACTOR TRIP AND REACTOR COOLANT LEAK
85-20	5/18/85	6/17/85	AUTOMATIC ACTUATION OF REACTOR PROTECTIVE SYSTEM

=====

1. Docket: 50-482 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: M. WILLIAMS (316) 364-8831

4. Licensed Thermal Power (MWh): 3411

5. Nameplate Rating (Gross MWe): 1250

6. Design Electrical Rating (Net MWe): 1170

7. Maximum Dependable Capacity (Gross MWe): 1170

8. Maximum Dependable Capacity (Net MWe): 1117

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>437.0</u>	<u>437.0</u>	<u>437.0</u>
13. Hours Reactor Critical	<u>349.1</u>	<u>349.1</u>	<u>349.1</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>318.8</u>	<u>318.8</u>	<u>318.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>356,676</u>	<u>356,676</u>	<u>356,676</u>
18. Gross Elec Ener (MWH)	<u>79,608</u>	<u>79,608</u>	<u>79,608</u>
19. Net Elec Ener (MWH)	<u>47,912</u>	<u>47,912</u>	<u>47,912</u>

20. Unit Service Factor

21. Unit Avail Factor NOT IN

22. Unit Cap Factor (MDC Net) COMMERCIAL

23. Unit Cap Factor (DER Net) OPERATION

24. Unit Forced Outage Rate

25. Forced Outage Hours 79.7 79.7 79.7

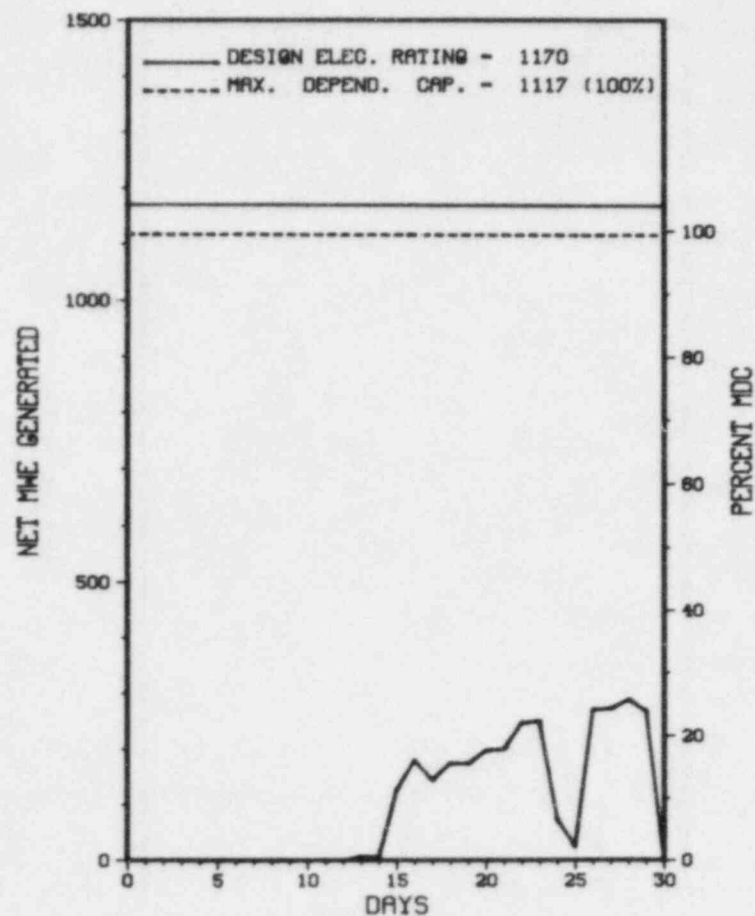
26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

NONE

27. If Currently Shutdown Estimated Startup Date: 07/02/85

* WOLF CREEK 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT
WOLF CREEK 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* WOLF CREEK 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
1	06/12/85	F	6.5	A	3			LOAD LIMITING CIRCUITRY PROBLEM.
2	06/13/85	F	0.5	A	3			LOAD LIMITING CIRCUITRY PROBLEM.
3	06/13/85	F	0.2	A	1			TURBINE TRIP DUE TO HIGH VIBRATION.
4	06/13/85	F	26.5	A	9	85-041		REACTOR TRIP DUE TO MAIN FEEDWATER TRIP.
5	06/14/85	F	7.0	G	3	85-044		AUTO TURBINE GENERATOR TRIP DUE TO A POWER MISMATCH.
6	06/17/85	S	1.7	B	1			TURBINE GENERATOR TEST.
7	06/23/85	F	11.2	G	3	85-045		REACTOR TRIP BREAKER INADVERTENTLY OPENED DURING SURVEILLANCE TESTING.
8	06/24/85	F	27.8	A	9	85-046		REACTOR TRIP DUE TO LOW FEEDWATER LEVEL CAUSED BY FEEDWATER CHECK VALVE LEAKAGE.
9	06/29/85	S	36.8	B	2			REACTOR SHUTDOWN FROM AUXILLIARY SHUTDOWN PANEL TO DEMONSTRATE ITS OPERABILITY.

* SUMMARY *

WOLF CREEK STATION GENERATED INITIAL ELECTRICITY ON JUNE 12, 1985.

Type	Reason	Method	System & Component	
F-Forced	A-Equip Failure	F-Admin	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram	Instructions for
	C-Refueling	H-Other	3-Auto Scram	Preparation of
	D-Regulatory Restriction		4-Continued	Data Entry Sheet
	E-Operator Training		5-Reduced Load	Licensee Event Report
	& License Examination		9-Other	(LER) File (NUREG-0161)

* WOLF CREEK 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....KANSAS
COUNTY.....COFFEY
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...3.5 MI NE OF
BURLINGTON, KAN
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...MAY 22, 1985
DATE ELEC ENER 1ST GENER...JUNE 12, 1985
DATE COMMERCIAL OPERATE...*****
CONDENSER COOLING METHOD...COOLING LAKE
CONDENSER COOLING WATER...COOLING LAKE
ELECTRIC RELIABILITY
COUNCIL.....SOUTHWEST POWER POOL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....KANSAS GAS & ELECTRIC
CORPORATE ADDRESS.....P.O. BOX 208
WICHITA, KANSAS 67201
CONTRACTOR
ARCHITECT/ENGINEER.....BECHTEL
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....DANIEL INTERNATIONAL
TURBINE SUPPLIER.....GENERAL ELECTRIC

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....IV
IE RESIDENT INSPECTOR.....J.CUMMINS/BARTLETT
LICENSING PROJ MANAGER.....P. OCONNOR
DOCKET NUMBER.....50-482
LICENSE & DATE ISSUANCE... NPF-42, JUNE 4, 1985
PUBLIC DOCUMENT ROOM..... WILLIAM ALLAN WHITE LIBRARY
GOVERNMENT DOCUMENTS DIVISION
EMPORIA STATE UNIVERSITY
1200 COMMERCIAL STREET
EMPORIA, KANSAS 66801

INSPECTION STATUS

INSPECTION SUMMARY

INFO. NOT SUPPLIED BY REGION

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

INFO. NOT SUPPLIED BY REGION

FACILITY ITEMS (PLANS AND PROCEDURES):

INFO. NOT SUPPLIED BY REGION

MANAGERIAL ITEMS:

Report Period JUN 1985

I N S P E C T I O N S T A T U S - (CONTINUED)

* WOLF CREEK 1 *

INFO. NOT SUPPLIED BY REGION

PLANT STATUS:

INFO. NOT SUPPLIED BY REGION

LAST IE SITE INSPECTION DATE: INFO. NOT SUPPLIED BY REGION

INSPECTION REPORT NO: INFO. NOT SUPPLIED BY REGION

R E P O R T S F R O M L I C E N S E E

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NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
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INFO. NOT SUPPLIED BY REGION

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1. Docket: 50-029 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: S. WHIPPLE (617) 872-8100

4. Licensed Thermal Power (MWh): 600

5. Nameplate Rating (Gross MWe): 185 X 1.0 = 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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>215,828.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,343.0</u>	<u>172,265.9</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,343.0</u>	<u>167,527.1</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>424,783</u>	<u>2,549,187</u>	<u>91,039,840</u>
18. Gross Elec Ener (MWH)	<u>127,567</u>	<u>773,913</u>	<u>27,592,702</u>
19. Net Elec Ener (MWH)	<u>119,559</u>	<u>725,593</u>	<u>25,820,144</u>
20. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>77.6</u>
21. Unit Avail Factor	<u>100.0</u>	<u>100.0</u>	<u>77.6</u>
22. Unit Cap Factor (MDC Net)	<u>99.4</u>	<u>100.0</u>	<u>73.6*</u>
23. Unit Cap Factor (DER Net)	<u>94.9</u>	<u>95.5</u>	<u>70.1*</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.0</u>	<u>5.3</u>
25. Forced Outage Hours	<u>.0</u>	<u>.0</u>	<u>8,326.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

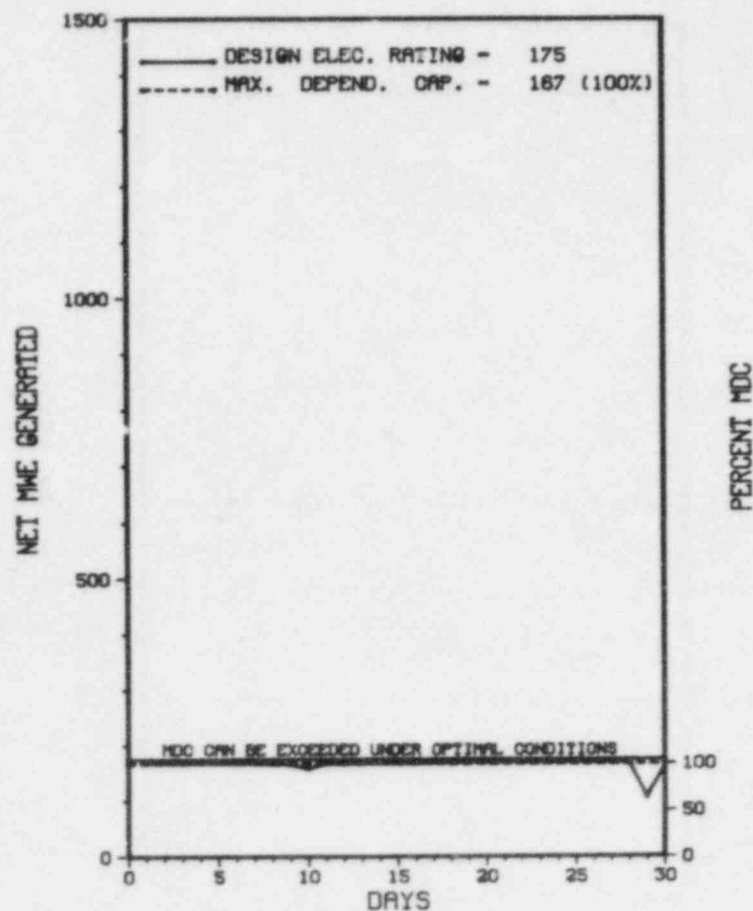
REFUELING - OCTOBER 19, 1985 - 6 WEEKS

27. If Currently Shutdown Estimated Startup Date: N/A

* YANKEE-ROWE 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

YANKEE-ROWE 1



JUNE 1985

* Item calculated with a Weighted Average

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* YANKEE-ROWE 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
85-7	06/10/85	F	0.0	D	5			REDUCED POWER TO MEET CIRCULATING WATER EXIT TEMP. LIMIT.
85-8	06/29/85	S	0.0	B	5			REDUCED POWER TO PERFORM THROTTLE VALVE TEST AND PLUG CONDENSER TUBE LEAK.

* SUMMARY *

YANKEE ROWE OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 2 POWER REDUCTIONS REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* YANKEE-ROWE 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....MASSACHUSETTS
COUNTY.....FRANKLIN
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...25 MI NE OF
PITTSFIELD, MASS
TYPE OF REACTOR.....PWR
DATE INITIAL CRITICALITY...AUGUST 19, 1960
DATE ELEC ENER 1ST GENER...NOVEMBER 10, 1960
DATE COMMERCIAL OPERATE...JULY 1, 1961
CONDENSER COOLING METHOD...ONCE THRU
CONDENSER COOLING WATER...DEERFIELD RIVER
ELECTRIC RELIABILITY
COUNCIL.....NORTHEAST POWER
COORDINATING COUNCIL

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....YANKEE ATOMIC ELECTRIC
CORPORATE ADDRESS.....1671 WORCESTER RD.
FRAMINGHAM, MASSACHUSETTS 01701
CONTRACTOR
ARCHITECT/ENGINEER.....STONE & WEBSTER
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....STONE & WEBSTER
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....I
IE RESIDENT INSPECTOR.....H. EICHENHOLZ
LICENSING PROJ MANAGER.....J. CLIFFORD
DOCKET NUMBER.....50-029
LICENSE & DATE ISSUANCE...DPR-3, DECEMBER 24, 1963
PUBLIC DOCUMENT ROOM.....GREENFIELD COMMUNITY COLLEGE
1 COLLEGE DRIVE
GREENFIELD, MASSACHUSETTS 01301

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* YANKEE-ROWE 1 *

OTHER ITEMS

MANAGERIAL ITEMS:

NO INPUT PROVIDED.

PLANT STATUS:

NO INPUT PROVIDED.

LAST IE SITE INSPECTION DATE: NO INPUT PROVIDED.

INSPECTION REPORT NO: NO INPUT PROVIDED.

REPORTS FROM LICENSEE

=====			
NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

NO INPUT PROVIDED.			
=====			

1. Docket: 50-295 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: GERRI AUSTIN (312) 746-2084

4. Licensed Thermal Power (MWh): 3250

5. Nameplate Rating (Gross MWe): 1220 X 0.9 = 1098

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:

NONE

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>100,799.0</u>
13. Hours Reactor Critical	<u>375.4</u>	<u>933.7</u>	<u>69,329.6</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>2,621.8</u>
15. Hrs Generator On-Line	<u>242.5</u>	<u>793.7</u>	<u>67,292.4</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>442,559</u>	<u>1,941,765</u>	<u>190,116,983</u>
18. Gross Elec Ener (MWH)	<u>136,952</u>	<u>621,304</u>	<u>61,293,098</u>
19. Net Elec Ener (MWH)	<u>119,553</u>	<u>558,429</u>	<u>58,153,824</u>
20. Unit Service Factor	<u>33.7</u>	<u>18.3</u>	<u>66.8</u>
21. Unit Avail Factor	<u>33.7</u>	<u>18.3</u>	<u>66.8</u>
22. Unit Cap Factor (MDC Net)	<u>16.0</u>	<u>12.4</u>	<u>55.5</u>
23. Unit Cap Factor (DER Net)	<u>16.0</u>	<u>12.4</u>	<u>55.5</u>
24. Unit Forced Outage Rate	<u>17.9</u>	<u>21.7</u>	<u>14.8</u>
25. Forced Outage Hours	<u>52.7</u>	<u>219.9</u>	<u>11,113.0</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

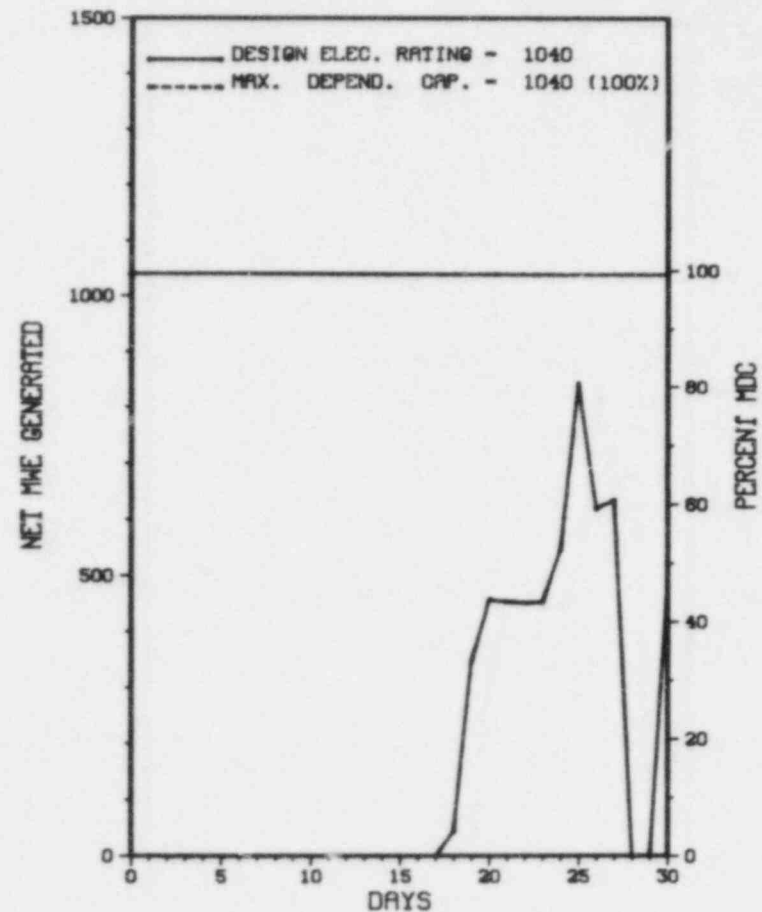
NONE

27. If Currently Shutdown Estimated Startup Date: N/A

* Z I O N 1 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

Z I O N 1



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* ZION 1 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
3	01/30/85	S	424.8	C	4			CYCLE VIII REFUELING OUTAGE.
4	06/26/85	F	0.0	A	5			REACTOR COOLANT LEAKAGE EXCEEDED THE TECH. SPEC. LIMIT.
5	06/27/85	F	0.5	A	2			TAKEN OFF LINE TO REPAIR THE 1C FEED REGULATOR VALVE.
6	06/27/85	F	32.0	A	2			MANUAL REACTOR TRIP DUE TO INABILITY TO MOVE CONTROL RODS CAUSED BY A ROD URGENT ALARM FAILURE.
7	06/29/85	F	20.2	A	3			BISTABLES WERE TRIPPED ON THE STEAM FLOW/FEED FLOW MISMATCH AND LEVEL DROPPED BELOW 25%.

* SUMMARY *

ZION 1 INCURRED 4 SHUTDOWNS IN JUNE AS DISCUSSED ABOVE.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	1-Manual	Exhibit F & H
S-Sched	B-Maint or Test	2-Manual Scram	Instructions for
	C-Refueling	3-Auto Scram	Preparation of
	D-Regulatory Restriction	4-Continued	Data Entry Sheet
	E-Operator Training	5-Reduced Load	Licensee Event Report
	& License Examination	9-Other	(LER) File (NUREG-0161)

* ZION 1 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....LAKE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...40 MI N OF
CHICAGO, ILL
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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....COMMONWEALTH EDISON
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....M. HOLZMER
LICENSING PROJ MANAGER.....J. NORRIS
DOCKET NUMBER.....50-295
LICENSE & DATE ISSUANCE...DPR-39, OCTOBER 19, 1973
PUBLIC DOCUMENT ROOM.....ZION - BENTON PUBLIC LIBRARY
2400 GABRIEL AVENUE
ZION, ILLINOIS 60099

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 30 THROUGH MAY 29 (85018): ROUTINE, UNANNOUNCED RESIDENT INSPECTION OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY AND ESF WALKDOWN; SURVEILLANCE; MAINTENANCE; LER'S; AND FOLLOWUP OF REGION III REQUESTS. THE INSPECTION INVOLVED A TOTAL OF 214 INSPECTOR-HOURS ONSITE INCLUDING 54 INSPECTOR-HOURS ONSITE DURING OFFSHIFTS. OF THE SIX AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS, AND ONE VIOLATION WAS IDENTIFIED IN THE REMAINING AREA (FAILURE TO SUBMIT AN LER WITHIN 30 DAYS PER 10 CFR 50.73).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

Report Period JUN 1985

INSPECTION STATUS - (CONTINUED)

* ZION 1 *

OTHER ITEMS

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 22 - 26, 1985

INSPECTION REPORT NO: 85026

REPORTS FROM LICENSEE

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NUMBER    DATE OF    DATE OF    SUBJECT
          EVENT    REPORT
-----
84-40     08/02/84    06/21/85    MISSED QUARTERLY SURVEILLANCE OF 1RIA-PR40
85-17     05/14/85    06/13/85    FAILURE OF SAFETY RELATED SNUBBERS
85-18     05/16/85    06/14/85    CONTAINMENT ISOLATION VALVE LEAKAGE EXCEEDING LIMITS
85-20     05/22/85    06/21/85    FAILURE TO CONTINUOUSLY RECORD MONITORS DURING CONTAINMENT PURGE
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1. Docket: 50-304 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/85 Outage + On-line Hrs: 720.0

3. Utility Contact: GERRI AUSTIN (312) 746-2084

4. Licensed Thermal Power (Mwt): 3250

5. Nameplate Rating (Gross MWe): 1220 X 0.9 = 1098

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: NONE

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

11. Reasons for Restrictions, If Any: _____

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	<u>720.0</u>	<u>4,343.0</u>	<u>94,512.0</u>
13. Hours Reactor Critical	<u>720.0</u>	<u>4,324.2</u>	<u>69,834.4</u>
14. Rx Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>226.1</u>
15. Hrs Generator On-Line	<u>720.0</u>	<u>4,316.3</u>	<u>68,022.8</u>
16. Unit Reserve Shtdwn Hrs	<u>.0</u>	<u>.0</u>	<u>.0</u>
17. Gross Therm Ener (MWH)	<u>2,147,993</u>	<u>13,510,634</u>	<u>197,607,978</u>
18. Gross Elec Ener (MWH)	<u>705,126</u>	<u>4,411,433</u>	<u>63,372,193</u>
19. Net Elec Ener (MWH)	<u>672,420</u>	<u>4,239,518</u>	<u>60,302,774</u>
20. Unit Service Factor	<u>100.0</u>	<u>99.4</u>	<u>72.0</u>
21. Unit Avail Factor	<u>100.0</u>	<u>99.4</u>	<u>72.0</u>
22. Unit Cap Factor (MDC Net)	<u>89.8</u>	<u>93.9</u>	<u>61.4</u>
23. Unit Cap Factor (DER Net)	<u>89.8</u>	<u>93.9</u>	<u>61.4</u>
24. Unit Forced Outage Rate	<u>.0</u>	<u>.6</u>	<u>16.1</u>
25. Forced Outage Hours	<u>.0</u>	<u>26.7</u>	<u>13,138.1</u>

26. Shutdowns Sched Over Next 6 Months (Type, Date, Duration):

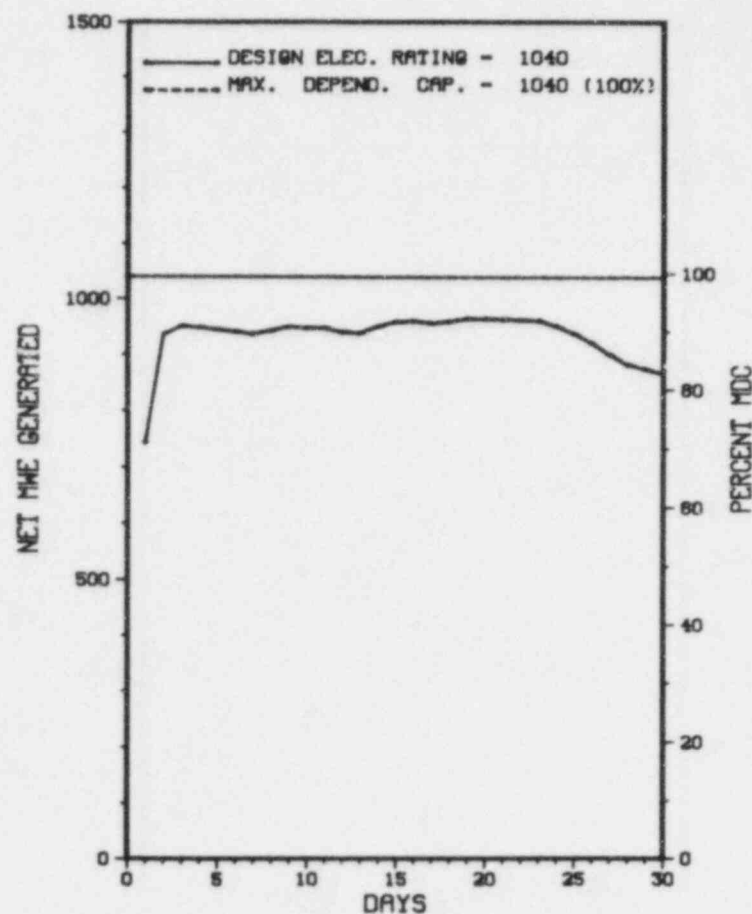
REFUELING & MAINTENANCE: 09/06/85

27. If Currently Shutdown Estimated Startup Date: N/A

* Z I O N 2 *

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ZION 2



JUNE 1985

Report Period JUN 1985

UNIT SHUTDOWNS / REDUCTIONS

* ZION 2 *

No.	Date	Type	Hours	Reason	Method	LER Number	System Component	Cause & Corrective Action to Prevent Recurrence
4	06/01/85	S	0.0	H	5			REDUCED LOAD FOR REACTOR COOLANT PUMP OIL ADDITION.

* SUMMARY *

ZION 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS AND 1 POWER REDUCTION REPORTED.

Type	Reason	Method	System & Component
F-Forced	A-Equip Failure	F-Admin	1-Manual
S-Sched	B-Maint or Test	G-Oper Error	2-Manual Scram
	C-Refueling	H-Other	3-Auto Scram
	D-Regulatory Restriction		4-Continued
	E-Operator Training		5-Reduced Load
	& License Examination		9-Other
			Exhibit F & H
			Instructions for
			Preparation of
			Data Entry Sheet
			Licensee Event Report
			(LER) File (NUREG-0161)

* ZION 2 *

FACILITY DATA

Report Period JUN 1985

FACILITY DESCRIPTION

LOCATION
STATE.....ILLINOIS
COUNTY.....LAKE
DIST AND DIRECTION FROM
NEAREST POPULATION CTR...40 MI N OF
CHICAGO, ILL
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
CORPORATE ADDRESS.....P.O. BOX 767
CHICAGO, ILLINOIS 60690
CONTRACTOR
ARCHITECT/ENGINEER.....SARGENT & LUNDY
NUC STEAM SYS SUPPLIER...WESTINGHOUSE
CONSTRUCTOR.....COMMONWEALTH EDISON
TURBINE SUPPLIER.....WESTINGHOUSE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III
IE RESIDENT INSPECTOR.....M. HOLZMER
LICENSING PROJ MANAGER.....J. NORRIS
DOCKET NUMBER.....50-304
LICENSE & DATE ISSUANCE...DPR-48, NOVEMBER 14, 1973
PUBLIC DOCUMENT ROOM.....ZION - BENTON PUBLIC LIBRARY
2400 GABRIEL AVENUE
ZION, ILLINOIS 60099

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 23 AND 24 (85018): ROUTINE, ANNOUNCED SAFETY INSPECTION OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS IDENTIFIED DURING THE JANUARY 14-18, 1985, EQUIPMENT QUALIFICATION AUDIT (REPORT 50-304/85006). THE INSPECTION INVOLVED A TOTAL OF SIX INSPECTOR-HOURS ONSITE AND THREE INSPECTOR-HOURS OFF SITE BY ONE NRC INSPECTOR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 30 THROUGH MAY 29 (85019): ROUTINE, UNANNOUNCED RESIDENT INSPECTION OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY AND ESF WALKDOWN; SURVEILLANCE; MAINTENANCE; LER'S; AND FOLLOWUP OF REGION III REQUESTS. THE INSPECTION INVOLVED A TOTAL OF 214 INSPECTOR-HOURS ONSITE INCLUDING 54 INSPECTOR-HOURS DURING OFFSHIFTS. OF THE SIX AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN FIVE AREAS, AND ONE VIOLATION WAS IDENTIFIED IN THE REMAINING AREA (FAILURE TO SUBMIT AN LER WITHIN 30 DAYS PER 10 CFR 50.73).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

INSPECTION STATUS - (CONTINUED)

OTHER ITEMS

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JULY 22 -26, 1985

INSPECTION REPORT NO: 85027

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-33	08/02/84	06/21/85	MISSED QUARTERLY SURVEILLANCE 2RIA-PR40
85-11	05/03/85	05/31/85	MISSED SHIFTLY SURVEILLANCE

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SECTION 3

APPENDIX

***** * PRESSURIZED* STATUS OF SPENT FUEL STORAGE CAPABILITY * WATER * * REACTORS * *****							
FACILITY *****	(a) CORE SIZE (NO. OF ASSEMBLIES) *****	PRESENT AUTH. STORAGE POOL CAP. (FUEL ASSEMBLIES) *****	NO. OF ASSEMBLIES STORED *****	REMAINING CAPACITY (NO. OF ASSEMBLIES) *****	REMAINING CAPACITY IF PENDING REQUEST APPROVED (NO. OF ASSEMBLIES) *****	NEXT REFUEL SCHED. DATE *****	(b) WILL FILL PRESENT AUTH. CAPACITY *****
ARKANSAS 1	177	988	456	532		08-86	1998
ARKANSAS 2	177	988	168	820		N/S	2003
BEAVER VALLEY 1	157	833	104	729		N/S	1995
BYRON 1							
CALLAWAY 1							
CALVERT CLIFFS 1	217	1830(c)	940(c)	890(c)(m)	1098	N/S	1991
CALVERT CLIFFS 2	217					10-85	1991
CATAWBA 1							
COOK 1	193	2050(c)	553(c)	1497(c)		08-85	1994
COOK 2	193					10-85	
CRYSTAL RIVER 3	177	1163	230	933		N/S	1997
DAVIS-BESSE 1	177	735	199	536		N/S	1993
DIABLO CANYON 1							
FARLEY 1	157	675	166	509	1293	N/S	1991
FARLEY 2	157	675	134	541	1273	N/S	1994
FORT CALHOUN 1	133	729	305	424		10-85	1996
GINNA	121	595	380	215		N/S	1992
HADDAM NECK	157	1168	545	623		01-86	1994
INDIAN POINT 1	0	288	160	128		N/S	
INDIAN POINT 2	193	482	332	150	916	N/S	1986
INDIAN POINT 3	193	837	140	697		06-85	1993
KEWAUNEE	121	990	308	682(m)		N/S	1991
MAINE YANKEE	217	953	577	376	1678	08-85	1987
MCGUIRE 1	193	1463	91	1372(n)		N/S	2010
MCGUIRE 2	193	1463	60	1403		N/S	2010
MILLSTONE 2	217	667	376	730		N/S	1987
NORTH ANNA 1	157	966(c)	220(c)	746		N/S	1991
NORTH ANNA 2	157					N/S	1990
OCONEE 1	177	1312(1)	1060	252(1)(n)		03-86	1991
OCONEE 2	177					10-86	
OCONEE 3	177	875	262	613		08-85	
PALISADES	204	784	480	304		N/S	1988
PALO VERDE 1							
POINT BEACH 1	121	1058(c)	564(c)	494(c)		N/S	1995
POINT BEACH 2	121					09-85	
PRAIRIE ISLAND 1	121	1017(c)	641(c)	376(c)(m)	720	N/S	1988
PRAIRIE ISLAND 2	121					08-85	
RANCHO SECO 1	177	1084	316	709		N/S	2000
ROBINSON 2	157	276	222	54(e)	431	N/S	1985(q)
SALEM 1	193	1170	296	874		N/S	2001
SALEM 2	193	1170	265	905		N/S	2004
SAN ONOFRE 1	157	216	94	122		11-85	1985
SAN ONOFRE 2	217	800	72	728		N/S	1997
SAN ONOFRE 3	217	800	0	800		08-85	
SEQUOYAH 1	193	800	65	735		09-85	1993
SEQUOYAH 2(d)	193	800	130	670		N/S	1994
ST LUCIE 1	217	728	352	376		N/S	1990

* PRESSURIZED* STATUS OF SPENT FUEL STORAGE CAPABILITY

* WATER *
* REACTORS *

*****		(a)		REMAINING CAPACITY		(b)	
CORE SIZE		PRESENT AUTH.		IF PENDING REQUEST		NEXT REFUEL	
(NO. OF		STORAGE POOL CAP.		APPROVED		WILL FILL PRESENT	
FACILITY		(FUEL ASSEMBLIES)		(NO. OF ASSEMBLIES)		SCHED. DATE	
*****		*****		*****		*****	
ST LUCIE 2						N/S	
SUMMER 1	157	682	52	630	1276	10-85	2008
SURRY 1	157	1044(c)	608(c)	384(c)		N/S	1987
SURRY 2	157					N/S	
THREE MILE ISLAND 1	177	752	208	544		N/S	
THREE MILE ISLAND 2	177	442	0	442		N/S	
TROJAN	193	651	312	339		05-85	1990
TURKEY POINT 3	157	621	445	123(m)		N/S	1987
TURKEY POINT 4	157	621	430	191		01-86	1988
WATERFORD 3							
WOLF CREEK 1							
YANKEE-ROWE 1	76	391	250	141	471	10-85	1988
ZION 1	193	2112(c)	799(c)	1185(c)		09-85	1995
ZION 2	193					N/S	1995

INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS(h)

MORRIS OPERATIONS 750 MTU(j) 315 385 MTU(j) 1490 MTU(j)
NFS(i) 250 MTU 170 MTU 80 MTU

- (a) At each refueling outage approximately 1/3 of a PWR core and 1/4 of a BWR core is off-loaded.
- (b) Some of these dates have been adjusted by staff assumptions.
- (c) This is the total for both units.
- (d) Plant not in commercial operation.
- (e) Some spent fuel stored at Brunswick.
- (f) Authorized a total 2772 BWR and 1232 PWR assemblies for both pools.
- (g) Robinson 2 assemblies being shipped to Brunswick for storage.
- (h) Capacity is in metric tons of uranium; 1 MTU = 2 PWR assemblies or 5 BWR assemblies.
- (i) No longer accepting spent fuel.
- (j) Racked for 700 MTU.
- (k) Reserved.
- (l) This is the station total.
- (m) Installed capacity is less than that authorized.
- (n) McGuire 1 authorized to accept Oconee fuel assemblies.

N/S = Not Scheduled

***** * BOILING * STATUS OF SPENT FUEL STORAGE CAPABILITY * WATER * * REACTORS * (a) *****								REMAINING CAPACITY IF PENDING REQUEST APPROVED (b)	
FACILITY	CORE SIZE (NO. OF ASSEMBLIES)	PRESENT AUTH. STORAGE POOL CAP. (FUEL ASSEMBLIES)	NO. OF ASSEMBLIES REMAINING STORED (NO. OF ASSEMBLIES)	CAPACITY (NO. OF ASSEMBLIES)	APPROVED (NO. OF ASSEMBLIES)	NEXT REFUEL SCHED. DATE	WILL FILL PRESENT AUTH. CAPACITY		
*****	*****	*****	*****	*****	*****	*****	*****		
BIG ROCK POINT 1	84	441	172	269		08-85	1993		
BROWNS FERRY 1	764	3471	1068	2403		06-85	1985		
BROWNS FERRY 2	764	3471	1652	77(m)	1819	N/S	1985		
BROWNS FERRY 3	764	3471	1004	2467(m)		N/S	1985		
BRUNSWICK 1	560	(f)	160PWR+656BWR	2116		N/S	1986		
BRUNSWICK 2	560		144PWR+564BWR	2208		N/S	1986		
COOPER STATION	548	2366	985	1381		09-85	1996		
DRESDEN 1	464	672	221	451		N/S	1990		
DRESDEN 2	724	2659(c)	2014 (c)	996(c)	6129(c)	N/S	1985		
DRESDEN 3	724					N/S			
DUANE ARNOLD	368	2050	961	1089		N/S	1998		
FITZPATRICK	560	2244	956	1288		N/S	1991		
GRAND GULF 1									
HATCH 1	560	3021	140	2881		10-85	1999		
HATCH 2	560	2750	1424	1325		N/S	1999		
HUMBOLDT BAY	172	487	251	236		N/S			
LA CROSSE	72	440	207	215		N/S	1992		
LASALLE 1						09-85			
LASALLE 2									
LIMERICK 1									
MILLSTONE 1	580	2184	1346	968		10-85	1991		
MONTICELLO	484	2237	916	1321		04-86	1991		
NINE MILE POINT 1	532	2776	1244	1532	1788	03-86	1996		
OYSTER CREEK 1	560	2600	1078	1522		N/S	1990		

***** * BOILING * STATUS OF SPENT FUEL STORAGE CAPABILITY * WATER * * REACTORS * (a)							
FACILITY	CORE SIZE (NO. OF ASSEMBLIES)	PRESENT AUTH. STORAGE POOL CAP. (FUEL ASSEMBLIES)	NO. OF ASSEMBLIES REMAINING CAPACITY STORED (NO. OF ASSEMBLIES)	REMAINING CAPACITY IF PENDING REQUEST APPROVED (NO. OF ASSEMBLIES)	NEXT REFUEL SCHED. DATE	WILL FILL PRESENT AUTH. CAPACITY	(b)
*****	*****	*****	*****	*****	*****	*****	*****
PEACH BOTTOM 2	764	2816	1552	1264	N/S	1990	
PEACH BOTTOM 3	764	2816	1212	1604	06-85	1991	
PILGRIM 1	580	2320	1128	642(m)	N/S	1990	
QUAD CITIES 1	724	3657	2340	1317	N/S	2003	
QUAD CITIES 2	724	3897	900	2997	N/S	2003	
SUSQUEHANNA 1	764	2840	191	3649	N/S	1997	
SUSQUEHANNA 2							
VERMONT YANKEE 1	368	2000	1174	826	09-85	1992	
WASHINGTON NUCLEAR*							

INDEPENDENT SPENT FUEL STORAGE INSTALLATIONS(h)

MORRIS OPERATIONS	750 MTU(j)	315	385 MTU(j)	1490 MTU(j)
NFS(i)	250 MTU	170 MTU	80 MTU	

- (a) At each refueling outage approximately 1/3 of a PWR core and 1/4 of a BWR core is off-loaded.
 (b) Some of these dates have been adjusted by staff assumptions.
 (c) This is the total for both units.
 (d) Plant not in commercial operation.
 (e) Some spent fuel stored at Brunswick.
 (f) Authorized a total 2772 BWR and 1232 PWR assemblies for both pools.
 (g) Robinson 2 assemblies being shipped to Brunswick for storage.
 (h) Capacity is in metric tons of uranium; 1 MTU = 2 PWR assemblies or 5 BWR assemblies.
 (i) No longer accepting spent fuel.
 (j) Racked for 700 MTU.
 (k) Reserved.
 (l) This is the station total.
 (m) Installed capacity is less than that authorized.
 (n) McGuire 1 authorized to accept Oconee fuel assemblies.

 N/S = Not Scheduled

(INCLUDES BOTH LICENSED
AND NON-LICENSED UNITS)

REACTOR YEARS OF EXPERIENCE

	YEARS	1ST ELEC GENERATE	UNIT

* LICENSED *	10.92	08/01/74	ARKANSAS 1
* OPERATING *	22.56	12/08/62	BIG ROCK POINT 1
* ELECTRICAL *	8.80	09/12/76	BROWNS FERRY 3
* PRODUCING *	.33	03/01/85	BYRON 1
* UNITS *	8.56	12/07/76	CALVERT CLIFFS 2

	7.28	03/22/78	COOK 2
	7.84	08/28/77	DAVIS-BESSE 1
	13.94	07/22/71	DRESDEN 3
	4.10	05/25/81	FARLEY 2
	8.55	12/11/76	FORT ST VRAIN
	17.90	08/07/67	HADDAM NECK
	12.01	06/26/73	INDIAN POINT 2
	17.18	04/26/68	LA CROSSE
	.22	04/13/85	LIMERICK 1
	2.11	05/23/83	MCGUIRE 2
	14.32	03/05/71	MONTICELLO
	4.85	08/25/80	NORTH ANNA 2
	10.83	09/01/74	OCONEE 3
	.06	06/10/85	PALO VERDE 1
	12.95	07/19/72	PILGRIM 1
	11.57	12/04/73	PRAIRIE ISLAND 1
	13.11	05/23/72	QUAD CITIES 2
	8.51	12/25/76	SALEM 1
	2.78	09/20/82	SAN ONOFRE 2
	3.52	12/23/81	SEQUOYAH 2
	2.62	11/16/82	SUMMER 1
	2.62	11/16/82	SUSQUEHANNA 1
	9.52	12/23/75	TROJAN
	12.78	09/20/72	VERMONT YANKEE 1
	.05	06/12/85	WOLF CREEK 1
	11.51	12/26/73	ZION 2

TOTAL 833.24 YRS

YEARS	1ST ELEC GENERATE	UNIT
6.51	12/26/78	ARKANSAS 2
11.71	10/15/73	BROWNS FERRY 1
8.57	12/04/76	BRUNSWICK 1
.68	10/24/84	CALLAWAY 1
.44	01/22/85	CATAWBA 1
11.14	05/10/74	COOPER STATION
.64	11/11/84	DIABLO CANYON 1
11.12	05/19/74	DUANE ARNOLD
10.41	02/01/75	FITZPATRICK
15.58	12/02/69	GINNA
10.64	11/11/74	HATCH 1
9.18	04/27/76	INDIAN POINT 3
2.82	09/04/82	LASALLE 1
12.64	11/08/72	MAINE YANKEE
14.59	11/29/70	MILLSTONE 1
15.64	11/09/69	NINE MILE POINT 1
12.15	05/06/73	OCONEE 1
15.77	09/23/69	OYSTER CREEK 1
11.36	02/18/74	PEACH BOTTOM 2
14.65	11/06/70	POINT BEACH 1
10.53	12/21/74	PRAIRIE ISLAND 2
10.72	10/13/74	RANCHO SECO 1
4.08	06/03/81	SALEM 2
1.77	09/25/83	SAN ONOFRE 3
9.15	05/07/76	ST LUCIE 1
12.99	07/04/72	SURRY 1
.99	07/03/84	SUSQUEHANNA 2
12.66	11/02/72	TURKEY POINT 3
1.10	05/27/84	WASHINGTON NUCLEAR 2
24.64	11/10/60	YANKEE-ROWE 1

YEARS	1ST ELEC GENERATE	UNIT
9.05	06/14/76	BEAVER VALLEY 1
10.84	08/28/74	BROWNS FERRY 2
10.17	04/29/75	BRUNSWICK 2
10.49	01/03/75	CALVERT CLIFFS 1
10.39	02/10/75	COOK 1
8.42	01/30/77	CRYSTAL RIVER 3
15.22	04/13/70	DRESDEN 2
7.87	08/18/77	FARLEY 1
11.85	08/25/73	FORT CALHOUN 1
.70	10/20/84	GRAND GULF 1
6.77	09/22/78	HATCH 2
11.23	04/08/74	KEWAUNEE
1.20	04/20/84	LASALLE 2
4.00	06/30/81	MCGUIRE 1
9.64	11/09/75	MILLSTONE 2
7.21	04/17/78	NORTH ANNA 1
11.57	12/05/73	OCONEE 2
13.50	12/31/71	PALISADES
10.83	09/01/74	PEACH BOTTOM 3
12.91	08/02/72	POINT BEACH 2
13.22	04/12/72	QUAD CITIES 1
14.76	09/26/70	ROBINSON 2
17.96	07/16/67	SAN ONOFRE 1
4.94	07/22/80	SEQUOYAH 1
2.05	06/13/83	ST LUCIE 2
12.31	03/10/73	SURRY 2
11.03	06/19/74	THREE MILE ISLAND 1
12.03	06/21/73	TURKEY POINT 4
.29	03/18/85	WATERFORD 3
12.01	06/28/73	ZION 1

YEARS	1ST ELEC GENERATE	SHUTDOWN DATE	UNIT

* PERMANENTLY *	3.80	08/14/64	06/01/68 BONUS
* OR *	18.54	04/15/60	10/31/78 DRESDEN 1
* INDEFINITELY *	6.32	08/05/66	11/29/72 FERMI 1
* SHUTDOWN *	13.21	04/18/63	07/02/76 HUMBOLDT BAY
* UNITS *	1.19	07/25/66	10/01/67 PATHFINDER

	2.16	11/04/63	01/01/66 PIQUA

YEARS	1ST ELEC GENERATE	SHUTDOWN DATE	UNIT
3.04	12/18/63	01/01/67	CVTR
4.44	08/24/63	02/01/68	ELK RIVER
1.26	05/29/63	09/01/64	HALLAM
12.12	09/16/62	10/31/74	INDIAN POINT 1
7.76	01/27/67	11/01/74	PEACH BOTTOM 1
.93	04/21/78	03/28/79	THREE MILE ISLAND 2

 * RESEARCH *
 * REACTORS *

NON-POWER REACTORS IN THE U.S.

STATE	CITY	LICENSEE	REACTOR TYPE	DOCKET	LICENSE NUMBER	DATE OF ISSUED	AUTHORIZED POWER LEVEL (KW)
ALABAMA	TUSKEGEE	TUSKEGEE INSTITUTE	AGN-201 #102	50-406	R-122	08-30-74	0.0001
ARIZONA	TUCSON	UNIVERSITY OF ARIZONA	TRIGA MARK I	50-113	R-52	12-05-58	100.0
CALIFORNIA	BERKELEY	UNIVERSITY OF CALIFORNIA, BERKELEY COLLEGE	TRIGA MK. III	50-224	R-101	08-10-66	1000.0
	CANOGA PARK	ROCKWELL INTERNATIONAL CORP.	L-85	50-375	R-188	01-05-72	0.003
	HAWTHORNE	NORTHROP CORP. LABORATORIES	TRIGA MARK F	50-187	R-90	03-04-63	1000.0
	IRVINE	UNIVERSITY OF CALIFORNIA, IRVINE	TRIGA MARK I	50-326	R-116	11-24-69	250.0
	LOS ANGELES	UNIVERSITY OF CALIFORNIA, L.A.	ARGONAUT	50-142	R-71	10-03-60	100.0
	SAN DIEGO	GENERAL ATOMIC COMPANY	TRIGA MARK F	50-163	R-67	07-01-60	1500.0
	SAN DIEGO	GENERAL ATOMIC COMPANY	TRIGA MARK I	50-089	R-38	05-03-58	250.0
	SAN JOSE	GENERAL ELECTRIC COMPANY	NTR	50-073	R-33	10-31-57	100.0
	SAN LUIS OBISPO	CALIFORNIA STATE POLYTECHNIC COLLEGE	AGN-201 #100	50-394	R-121	05-16-73	0.0001
	SAN RAMON	AEROTEST OPERATIONS, INC.	TRIGA (INDUS)	50-228	R-98	07-02-65	250.0
	SANTA BARBARA	UNIVERSITY OF CALIFORNIA, SANTA BARBARA	L-77	50-433	R-124	12-03-74	0.01
COLORADO	DENVER	U.S. GEOLOGICAL SURVEY DEPARTMENT	TRIGA MARK I	50-274	R-113	02-24-69	1000.0
DELAWARE	NEWARK	UNIVERSITY OF DELAWARE	AGN-201 #113	50-098	R-43	07-03-58	0.0001
DIST OF COLUMBIA	WASHINGTON	THE CATHOLIC UNIVERSITY OF AMERICA	AGN-201 #101	50-077	R-31	11-15-67	0.0001
FLORIDA	GAINESVILLE	UNIVERSITY OF FLORIDA	ARGONAUT	50-083	R-56	05-21-59	100.0
GEORGIA	ATLANTA	GEORGIA INSTITUTE OF TECHNOLOGY	AGN-201 #104	50-276	R-111	04-19-68	0.0001
	ATLANTA	GEORGIA INSTITUTE OF TECHNOLOGY	HEAVY WATER	50-160	R-97	12-29-64	5000.0
IDAHO	POCATELLO	IDAHO STATE UNIVERSITY	AGN-201 #103	50-284	R-110	10-11-67	0.0001
ILLINOIS	URBANA	UNIVERSITY OF ILLINOIS	LOPRA	50-356	R-117	12-27-71	10.0
	URBANA	UNIVERSITY OF ILLINOIS	TRIGA	50-151	R-115	07-22-69	1500.0
	ZION	WESTINGHOUSE ELECTRIC CORP.	NTR	50-087	R-119	01-28-72	10.0
INDIANA	LAFAYETTE	PURDUE UNIVERSITY	LOCKHEED	50-182	R-87	08-16-62	10.0
IOWA	AMES	IOWA STATE UNIVERSITY	UTR-10	50-116	R-59	10-16-59	10.0
KANSAS	LAWRENCE	UNIVERSITY OF KANSAS	LOCKHEED	50-148	R-78	06-23-61	250.0
	MANHATTAN	KANSAS STATE UNIVERSITY	TRIGA	50-188	R-88	10-16-62	250.0
MARYLAND	BETHESDA	ARMED FORCES RADIOBIOLOGY RESEARCH INSTITUTE	TRIGA	50-170	R-84	06-26-62	1000.0
	COLLEGE PARK	UNIVERSITY OF MARYLAND	TRIGA	50-166	R-70	10-14-60	250.0

 * RESEARCH *
 * REACTORS *

NON-POWER REACTORS IN THE U. S.

STATE	CITY	LICENSEE	REACTOR TYPE - DOCKET	LICENSE NUMBER	DATE OF ISSUED	AUTHORIZED POWER LEVEL (KW)	
MASSACHUSETTS	CAMBRIDGE LOWELL WORCESTER	MASSACHUSETTS INSTITUTE OF TECHNOLOGY UNIVERSITY OF LOWELL WORCESTER POLYTECHNIC INSTITUTE	HWR REFLECTED GE GE	50-020 50-223 50-134	R-37 R-125 R-61	06-09-58 12-24-74 12-16-59	5000.0 1000.0 10.0
MICHIGAN	ANN ARBOR EAST LANSING MIDLAND	UNIVERSITY OF MICHIGAN MICHIGAN STATE UNIVERSITY DOW CHEMICAL COMPANY	POOL TRIGA MARK I TRIGA	50-002 50-294 50-264	R-28 R-114 R-108	09-13-57 03-21-69 07-03-67	2000.0 250.0 100.0
MISSOURI	COLUMBIA ROLLA	UNIVERSITY OF MISSOURI, COLUMBIA UNIVERSITY OF MISSOURI	TANK POOL	50-186 50-123	R-103 R-79	10-11-66 11-21-61	10000.0 200.0
NEBRASKA	OMAHA	THE VETERANS ADMINISTRATION HOSPITAL	TRIGA	50-131	R-57	06-26-59	18.0
NEW MEXICO	ALBUQUERQUE	UNIVERSITY OF NEW MEXICO	AGN-201M #112	50-252	R-102	09-17-66	0.005
NEW YORK	BRONX BUFFALO ITHACA ITHACA NEW YORK TUXEDO	MANHATTAN COLLEGE - PHYSICS DEPT. STATE UNIVERSITY OF NEW YORK CORNELL UNIVERSITY CORNELL UNIVERSITY COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK UNION CARBIDE CORP	TANK PULSTAR TRIGA MARK II ZPR TRIGA MARK II POOL	50-199 50-057 50-157 50-097 50-208 50-054	R-94 R-77 R-80 R-89 R-128 R-81	03-24-64 03-24-61 01-11-62 12-11-62 04-14-77 09-07-61	0.0001 2000.0 500.0 0.1 250.0 5000.0
NORTH CAROLINA	RALEIGH	NORTH CAROLINA STATE UNIVERSITY AT RALEIGH	PULSTAR	50-297	R-120	08-25-72	1000.0
OHIO	COLUMBUS	OHIO STATE UNIVERSITY	POOL	50-150	R-75	02-24-61	10.0
OKLAHOMA	NORMAN	THE UNIVERSITY OF OKLAHOMA	AGN-211 #102	50-112	R-53	12-29-58	0.100
OREGON	CORVALLIS PORTLAND	OREGON STATE UNIVERSITY REED COLLEGE	TRIGA MARK II TRIGA MARK I	50-243 50-288	R-106 R-112	03-07-67 07-02-68	1000.0 250.0
PENNSYLVANIA	UNIVERSITY PARK	PENNSYLVANIA STATE UNIVERSITY	TRIGA MK. III	50-005	R-2	07-08-55	1000.0
RHODE ISLAND	NARRAGANSETT	RHODE ISLAND NUCLEAR SCIENCE CENTER	GE POOL	50-193	R-95	07-21-64	2000.0
TENNESSEE	MEMPHIS	MEMPHIS STATE UNIVERSITY	AGN-201 #108	50-538	R-127	12-10-76	0.0001
TEXAS	AUSTIN COLLEGE STATION COLLEGE STATION	UNIVERSITY OF TEXAS TEXAS A&M UNIVERSITY TEXAS A&M UNIVERSITY	TRIGA MARK I AGN-201M #106 TRIGA	50-192 50-059 50-128	R-92 R-23 R-83	08-02-63 08-26-57 12-07-61	250.0 0.005 1000.0
UTAH	PROVO	BRIGHAM YOUNG UNIVERSITY	L-77	50-262	R-109	09-07-67	0.01

 * RESEARCH *
 * REACTORS *

NON-POWER REACTORS IN THE U. S.

STATE	CITY	LICENSEE	REACTOR TYPE	DOCKET	LICENSE NUMBER	DATE OF ISSUED	AUTHORIZED POWER LEVEL (KW)
UTAH	SALT LAKE CITY	THE UNIVERSITY OF UTAH	TRIGA MARK I	50-407	R-126	09-30-75	100.0
	SALT LAKE CITY	UNIVERSITY OF UTAH	AGN-201M #107	50-072	R-25	09-12-57	0.005
VIRGINIA	BLACKSBURG	VIRGINIA POLYTECHNIC INSTITUTE	UTR-10	50-124	R-62	12-18-59	100.0
	CHARLOTTESVILLE	UNIVERSITY OF VIRGINIA	CAVALIER	50-396	R-123	09-24-74	0.1
	CHARLOTTESVILLE	UNIVERSITY OF VIRGINIA	POOL	50-062	R-66	06-27-60	2000.0
	LYNCHBURG	BABCOCK & WILCOX COMPANY	LPR	50-099	R-47	09-05-58	1000.0
WASHINGTON	PULLMAN	WASHINGTON STATE UNIVERSITY	TRIGA	50-027	R-76	03-06-61	1000.0
	SEATTLE	UNIVERSITY OF WASHINGTON	ARGONAUT	50-139	R-73	03-31-61	100.0
WISCONSIN	MADISON	UNIVERSITY OF WISCONSIN	TRIGA	50-156	R-74	11-23-60	1000.0

* EXPERIMENTAL AND TEST REACTORS *							

CALIFORNIA	SAN JOSE	GENERAL ELECTRIC COMPANY	GETR	50-070	TR-1	01-07-59	50,000.0
DIST OF COLUMBIA	WASHINGTON	NATIONAL BUREAU OF STANDARDS	TEST	50-184	TR-5	06-30-70	10,000.0

* CRITICAL EXPERIMENT FACILITIES *							

NEW YORK	TROY	RENSSELAER POLYTECHNIC INSTITUTE		50-225	CX-22	07-03-64	0.0
VIRGINIA	LYNCHBURG	BABCOCK & WILCOX COMPANY		50-013	CX-10	10-22-58	0.0
WASHINGTON	RICHLAND	BATTELLE MEMORIAL INSTITUTE		50-360	CX-26	11-29-71	0.0

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