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July 1984

LICENSED OPERATING REACTORS

STATUS SUMMARY REPORT

DATA AS OF 06-30-84

UNITED STATES NUCLEAR REGULATORY COMMISSION

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Manuscript Completed: August 1984
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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 April 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.

TABLE OF CONTENTS

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.

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 minth, 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.

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 calender month. Can also be the preceding calendar year, (Year-to-Date), or the life-span of a unit (cumulative).
RESTRICTED POWER LEVEL	Maximum net electrical generation to which the unit is restricted during the report period due to the state of equipment, external conditions, administrative reasons, or a direction by NRC.
SCHEDULED OUTAGE	Planned removal of a unit from service for refueling, inspection, training, or maintenance. Those outages which do not fit the definition of "Forced Outage" perforce are "Scheduled Outages."
STARTUP AND POWER ASCENSION TEST PHASE	Period following initial criticality during which the unit is tested at successively higher levels, culminating with operation at full power for a sustained period and completion of warranty runs. Following this phase, the utility generally considers the unit to be available for commercial operation.
UNIT	The set of equipment uniquely associated with the reactor, including turbine generators, and ancillary equipment, considered as a single electrical energy production facility.
UNIT AVAILABLE HOURS	The total clock hours in the report period during which the unit operated on-line or was capable of such operation. (Unit Reserve Shutdown Hours + Hours Generator On-Line.)

UNIT AVAILABILITY FACTOR	$\frac{\text{Unit Available Hours} \times 100}{\text{Period Hours}}$
UNIT CAPACITY FACTORS	
- Using Licensed Thermal Power	$\frac{\text{Gross Thermal Energy Generated} \times 100}{\text{Period Hours} \times \text{Lic. Thermal Power}}$
- Using Nameplate Rating	$\frac{\text{Gross Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{Nameplate Rating}}$
- Using DER	$\frac{\text{Net Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{DER}}$
- Using MDC Gross	$\frac{\text{Gross Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{MDC Gross}}$
- Using MDC Net	$\frac{\text{Net Electrical Energy Generated} \times 100}{\text{Period Hours} \times \text{MDC Net}}$

NOTE: if MDC GROSS and/or MDC NET have not been determined, the DER 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.

INDEX TO OPERATING POWER REACTORS

SECTION 1

CURRENT DATA SUMMARIES

MONTHLY HIGHLIGHTS

LICENSED POWER REACTORS					
	79	IN COMMERCIAL OPERATION	62,093	CAPACITY MWe (Net)	--Based upon maximum dependable capacity; design elec. rating used if MDC not determined
(a)	2	IN POWER ASCENSION	2,136		
(b)	81	LICENSED TO OPERATE	64,229	TOTAL	
(c)	4	LICENSED FOR FUEL LOADING AND LOW POWER TESTING			

	MDC NET
(a) LASALLE 2	1078
WASH. NUC. 2	1103

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

	DER
1. DRESDEN 1	200
2. HUMBOLDT BAY	65
3. TMI 2	906

(c)	DATE	DER
GRAND GULF 1	06/16/82	1250
SUSQUEHANNA 2	03/23/84	1052
DIABLO CANYON 1	04/19/84	1084
CALLAWAY 1	06/11/84	1188

POWER GENERATION

	REPORT MONTH	PREVIOUS MONTH	YEAR-TO-DATE
1. GROSS ELECTRICAL (MWHE)	26,298,261	27,194,141	165,317,994
2. NET ELECTRICAL (MWHE)	25,004,342	25,914,628	157,087,724
3. AVG. UNIT SERVICE FACTOR (%)	59.5	58.6	62.3
4. AVG. UNIT AVAILABILITY FACTOR (%)	59.5	58.6	62.3
5. AVG. UNIT CAPACITY FACTOR (MDC) (%)	54.7	54.3	58.1
6. AVG. UNIT CAPACITY FACTOR (DER) (%)	53.5	53.0	56.7
7. FORCED OUTAGE RATE (%)	8.9	5.1	9.1

ACTUAL VS. POTENTIAL ENERGY PRODUCTION

			% OF POTENTIAL PRODUCTION
1.	ENERGY ACTUALLY PRODUCED DURING THIS REPORT PERIOD	25,004,342 NET	55.9
2.	ENERGY NOT PRODUCED DUE TO SCHEDULED OUTAGES (NET)	13,801,453 MWHe	30.9
3.	ENERGY NOT PRODUCED DUE TO FORCED OUTAGES (NET)	3,488,010 MWHe	7.8
4.	ENERGY NOT PRODUCED FOR OTHER REASONS (NET)	2,413,155 MWHe	5.4
POTENTIAL ENERGY PRODUCTION IN THIS PERIOD BY UNITS IN COMMERCIAL OPERATION (Using Maximum Dependable Capacity Net)		44,706,960 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	..... MWHe	0 UNIT(S) WITH NRC RESTRICTION

OUTAGE DATA

	NUMBER	HOURS	PERCENT OF CLOCK TIME	MWHE LOST PRODUCTION
1. FORCED OUTAGES DURING REPORT PERIOD	48	4,192.2	7.4	3,488,010
2. SCHEDULED OUTAGES DURING REPORT PERIOD	42	18,450.7	32.4	13,801,453
TOTAL	90	22,642.9	39.8	17,289,463

MWHE LOST PRODUCTION = Down time X maximum dependable capacity net

MONTHLY HIGHLIGHTS

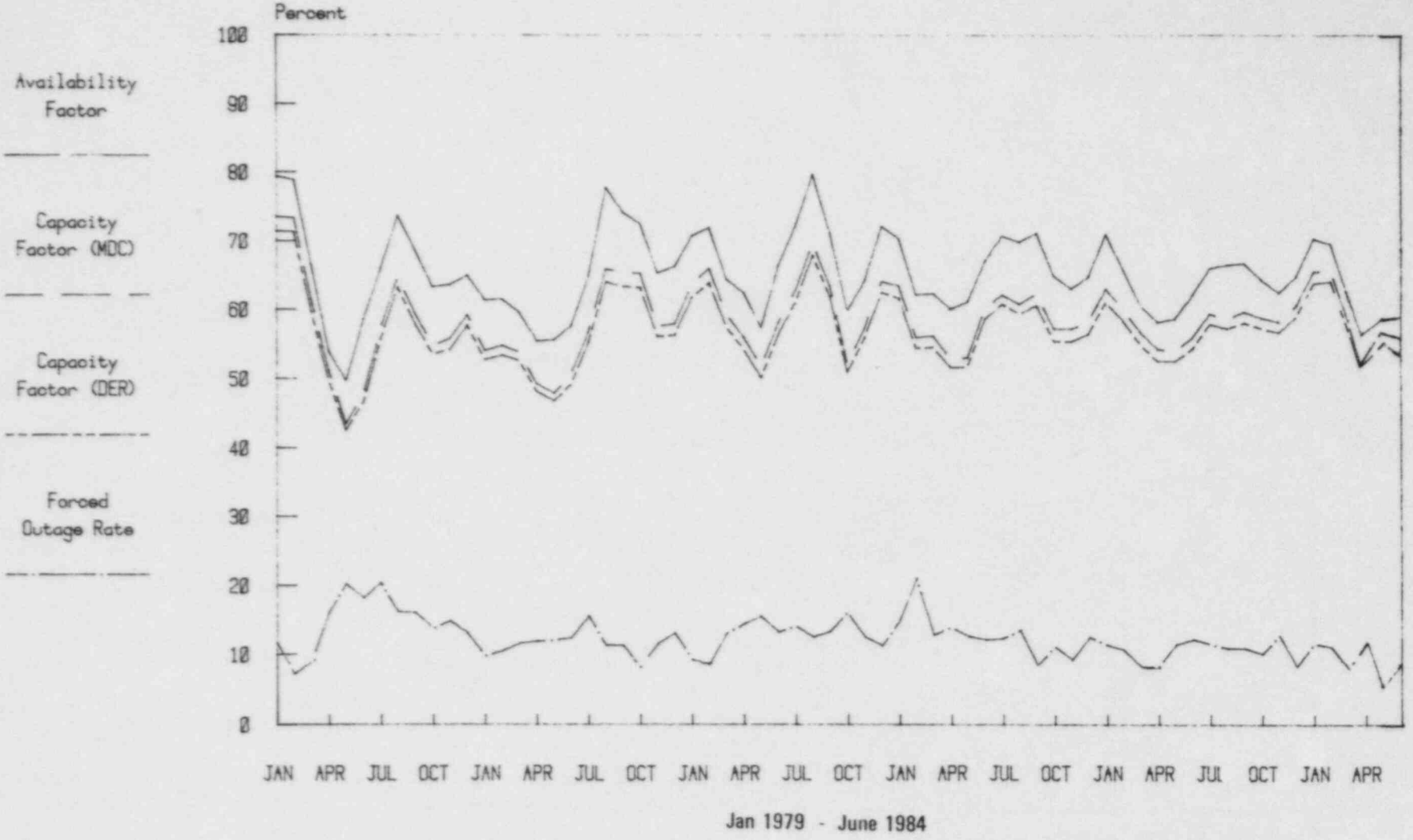
REASONS FOR SHUTDOWNS		NUMBER	HOURS LOST
	A - Equipment Failure	37	4,120.2
	B - Maintenance or Test	21	2,500.3
	C - Refueling	22	13,932.0
	D - Regulatory Restriction	1	720.0
	E - Operator Training & License Examination	0	0.0
	F - Administrative	1	30.6
	G - Operational Error	1	15.6
	H - Other	8	1,708.7
	TOTAL	91	23,027.4

DERATED		MDC (MWe Net)	POWER LIMIT (MWe Net)	TYPE
	FORT ST VRAIN	330	280	Self-imposed

SHUTDOWNS GREATER THAN 72 HRS EACH	UNIT	REASON	UNIT	REASON	UNIT	REASON	UNIT	REASON
	BEAVER VALLEY 1	B	BIG ROCK POINT 1	C	BROWNS FERRY 1	A	BROWNS FERRY 3	C
	BRUNSWICK 1	A	BRUNSWICK 2	C	CALVERT CLIFFS 2	C	COOK 1	A
	COOK 2	B	DRESDEN 2	A	DRESDEN 3	A	DUANE ARNOLD	A,B
	FORT CALHOUN 1	C	FORT ST VRAIN	H,H	HATCH 1	A,A	HATCH 2	H
	INDIAN POINT 2	C	LA CROSSE	A	MAINE YANKEE	C	MILLSTONE 1	C
	MONTICELLO	C	NINE MILE POINT 1	A,C	NORTH ANNA 1	C	OYSTER CREEK 1	C
	PALISADES	C	PEACH BOTTOM 2	C	PEACH BOTTOM 3	A,A	PILGRIM 1	C
	QUAD CITIES 1	C	ROBINSON 2	C	SALEM 1	C	SALEM 2	A
	SAN ONOFRE 1	B	SAN ONOFRE 2	B	SAN ONOFRE 3	A	SEQUOYAH 1	A
	SURRY 1	A,B	THREE MILE ISLAND 1	D	TROJAN	C	VERMONT YANKEE 1	C
	YANKEE-ROWE 1	C	ZION 2	C,H				

Unit Availability, Capacity, Forced Outage

Avg. Unit Percentage as of 06-30-84



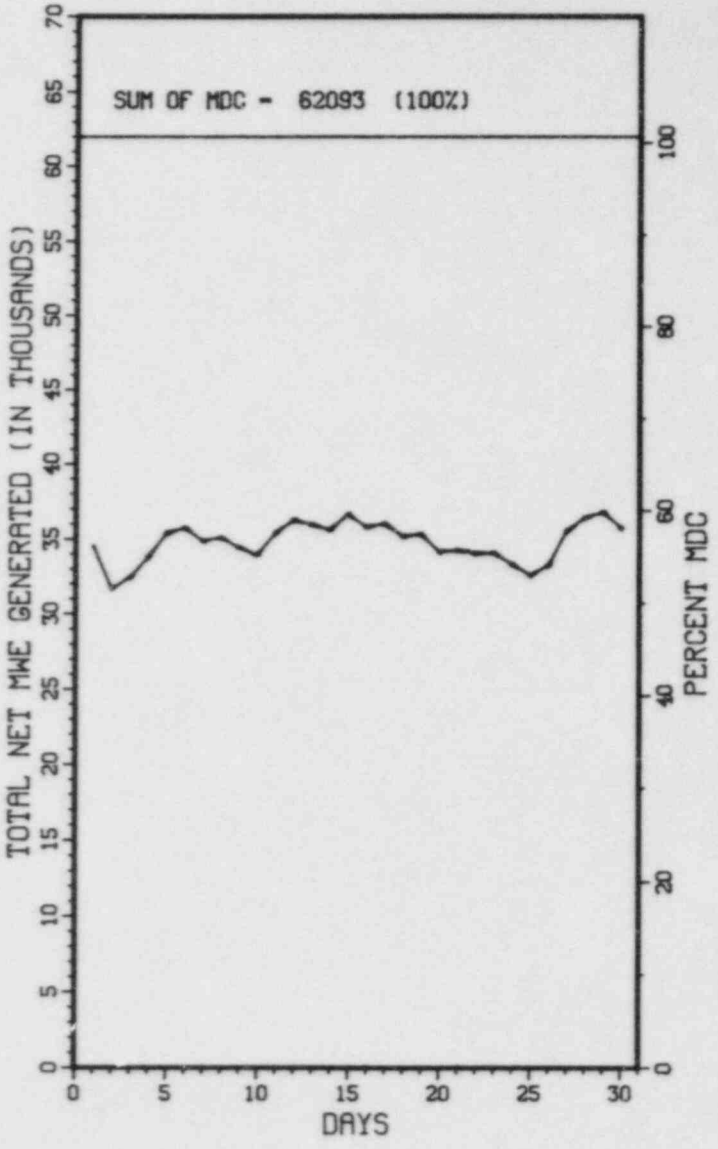
AVERAGE DAILY POWER LEVEL FOR ALL COMMERCIALLY OPERATING UNITS

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".

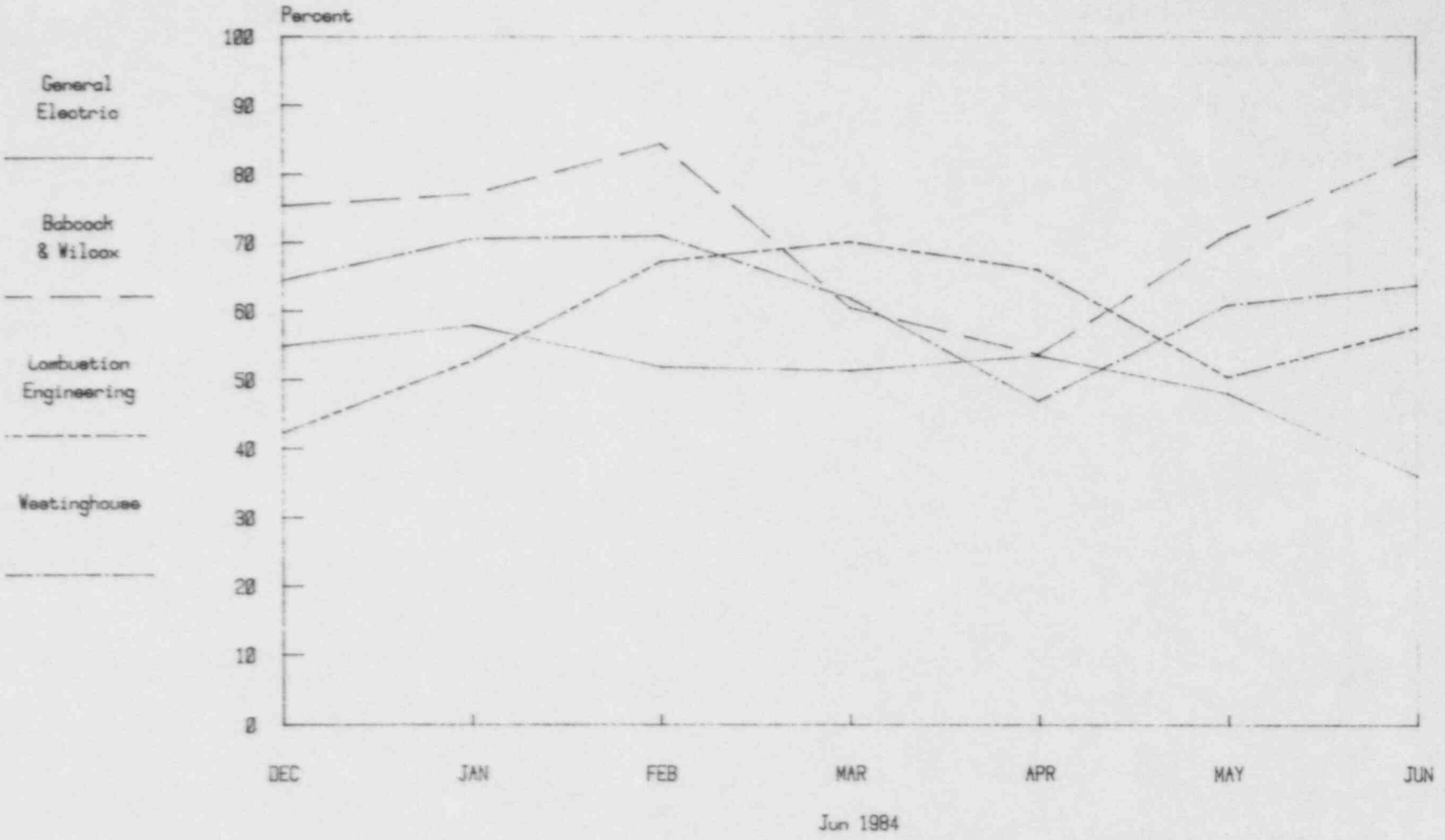
It should be recognized that the 100% line would be obtainable only if all of the commercially operating units operated at 100% capacity, 24 hours per day, for the entire month. In other words, since any power generator must occasionally shut down to refuel and/or perform needed maintenance, and also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



JUNE 1984

Vendor Average Capacity Factors

As Of 06-30-84



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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.

AVERAGE CAPACITY FACTORS BY VENDORS

**********	CFMDC		CFMDC		CFMDC		CFMDC	
* GENERAL *	52.2	BROWNS FERRY 1	54.0	BROWNS FERRY 2	0.0	BROWNS FERRY 3	78.6	BRUNSWICK 1
* ELECTRIC *	0.0	BRUNSWICK 2	71.2	COOPER STATION	63.9	DRESDEN 2	0.0	DRESDEN 3
**********	23.4	DUANE ARNOLD	76.7	FITZPATRICK	54.8	HATCH 1	0.0	HATCH 2
	71.9	LASALLE 1	1.1	MILLSTONE 1	0.0	MONTICELLO	19.6	NINE MILE POINT 1
	0.0	OYSTER CREEK 1	0.0	PEACH BOTTOM 2	29.1	PEACH BOTTOM 3	0.0	PILGRIM 1
	0.0	QUAD CITIES 1	81.9	QUAD CITIES 2	91.0	SUSQUEHANNA 1	46.6	VERMONT YANKEE 1

**********	CFMDC		CFMDC		CFMDC		CFMDC	
* BABCOCK & *	91.8	ARKANSAS 1	96.0	CRYSTAL RIVER 3	88.2	DAVIS-BESSE 1	99.8	OCONEE 1
* WILCOX *	98.0	OCONEE 2	91.7	OCONEE 3	89.0	RANCHO SECO 1	0 0	THREE MILE ISLAND 1
**********								

**********	CFMDC		CFMDC		CFMDC		CFMDC	
* COMBUSTION *	97.7	ARKANSAS 2	102.5	CALVERT CLIFFS 1	0.0	CALVERT CLIFFS 2	0.0	FORT CALHOUN 1
* ENGINEERING *	6.0	MAINE YANKEE	94.6	MILLSTONE 2	0.0	PALISADES	62.4	SAN ONOFRE 2
**********	30.5	SAN ONOFRE 3	101.0	ST LUCIE 1	102.6	ST LUCIE 2		

**********	CFMDC		CFMDC		CFMDC		CFMDC	
* WESTINGHOUSE*	76.9	BEAVER VALLEY 1	79.8	COOK 1	0.0	COOK 2	100.8	FARLEY 1
**********	99.3	FARLEY 2	94.9	GINNA	87.7	HADDAM NECK	1.4	INDIAN POINT 2
	96.2	INDIAN POINT 3	99.8	KEWAUNEE	89.9	MCGUIRE 1	96.1	MCGUIRE 2
	0.0	NORTH ANNA 1	93.5	NORTH ANNA 2	101.3	POINT BEACH 1	99.0	POINT BEACH 2
	99.2	PRAIRIE ISLAND 1	100.8	PRAIRIE ISLAND 2	0.0	ROBINSON 2	0.0	SALEM 1
	53.4	SALEM 2	0.0	SAN ONOFRE 1	61.3	SEQUOYAH 1	93.4	SEQUOYAH 2
	92.7	SUMMER 1	51.5	SURRY 1	94.1	SURRY 2	0.0	TROJAN
	96.5	TURKEY POINT 3	72.3	TURKEY POINT 4	59.7	YANKEE-ROWE 1	97.9	ZION 1
	0.0	ZION 2						

****
* OTHER INFO *
****

Units excluded are:
- BIG ROCK POINT
- 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:

$$\frac{\text{Net Electrical Energy Produced by Vendor}}{\text{Potential Electrical Production by Vendor in this Month}} \times 100\%$$

	GE BWRs	West PWRs	Comb PWRs	B&W PWRs	ALL PWRs
NET ELECTRICAL PRODUCTION.....	4,978,085	12,234,412	3,729,831	4,026,801	19,991,044
MDC NET.....	19,226	26,656	9,009	6,760	42,425
CFMDC.....	36.0	63.7	57.5	82.7	65.4

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

NONE

SECTION 2

OPERATING POWER REACTORS

1. Docket: 50-313 OPERATING STATUS

2. Reporting Period: 06/01/84 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	720.0	4,367.0	83,562.0
13. Hours Reactor Critical	720.0	3,736.4	56,171.7
14. Rx Reserve Shtdwn Hrs	.0	.0	5,044.0
15. Hrs Generator On-Line	720.0	3,718.6	54,968.8
16. Unit Reserve Shtdwn Hrs	.0	.0	817.5
17. Gross Therm Ener (MWH)	1,724,926	9,016,157	130,936,454
18. Gross Elec Ener (MWH)	578,765	3,027,000	43,165,365
19. Net Elec Ener (MWH)	552,456	2,895,917	41,154,304
20. Unit Service Factor	100.0	85.2	65.8
21. Unit Avail Factor	100.0	85.2	66.8
22. Unit Cap Factor (MDC Net)	91.8	79.3	58.9
23. Unit Cap Factor (DER Net)	90.3	78.0	57.9
24. Unit Forced Outage Rate	.0	.4	15.6
25. Forced Outage Hours	.0	14.8	10,192.9

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

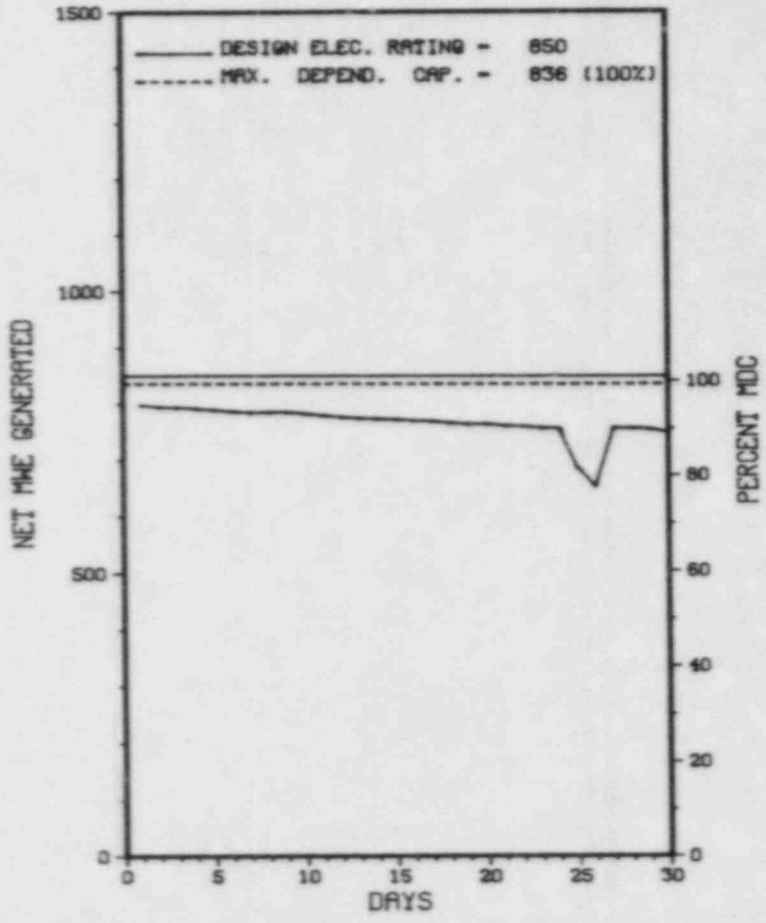
REFUELING - 11/01/84 THRU 01/10/85.

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ARKANSAS 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
	06/25/84	F	0.0	A	5				THE UNIT'S LOAD WAS DECREASED TO REPAIR MINOR MALFUNCTION OF THE MAIN FEEDWATER PUMP'S CONTROL OIL SYSTEM. THE UNIT WAS RETURNED TO FULL LOAD AFTER COMPLETION OF REPAIRS.

****
* SUMMARY *
****

ARKANSAS 1 OPERATED WITH NO SHUTDOWNS 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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

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

FACILITY DATA

Report Period JUN 1984

FACILITY DESCRIPTION

LOCATION
STATE.....ARKANSAS

COUNTY.....POPE

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

TYPE OF REACTOR.....PWR

DATE INITIAL CRITICALITY...AUGUST 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

INSPECTION STATUS

INSPECTION SUMMARY

ENFORCEMENT SUMMARY

1. PROCEDURE COMPLIANCE BOTH UNIT 1 (50-313) TECHNICAL SPECIFICATION 6.10 AND UNIT 2 (50-368) TECHNICAL SPECIFICATION 6.11, "RADIATION PROTECTION PROGRAM," REQUIRE THAT: "PROCEDURES FOR PERSONNEL RADIATION PROTECTION SHALL BE PREPARED . . . AND ADHERED TO FOR ALL OPERATIONS INVOLVING . . . EXPOSURE." ADDITIONALLY, AND HEALTH PHYSICS OPERATING PROCEDURE 1632.021, "TLD CALIBRATION AND PERFORMANCE CERTIFICATION." REVISION 3, REQUIRES THAT UPON COMPLETION OF THE PERFORMANCE TEST FOR THE FOURTH QUARTER OF THE CURRENT CALENDAR YEAR, AN ANNUAL PERFORMANCE TEST SHOULD BE MADE. CONTRARY TO THE ABOVE, THE FOURTH QUARTER PERFORMANCE TEST WAS COMPLETED ON NOVEMBER 21, 1983, AND AS OF APRIL 6, 1984, THE ANNUAL PERFORMANCE TEST HAD NOT BEEN MADE. (8409 5)

VIOLATION OF 10 CFR PART 50, APPENDIX B, CRITERION V, FAILURE TO HAVE OR IMPLEMENT MAINTENANCE PROCEDURES FOR UNIT 1 MSIV'S (8411 4)

VIOLATION OF 10 CFR PART 50, APPENDIX B, CRITERION V, FAILURE TO HAVE OR IMPLEMENT MAINTENANCE PROCEDURES FOR UNIT 1 HPCI VALVES (8411 5)

FAILURE TO PROVIDE ADEQUATE DESIGN CONTROL MEASURE (8415 4)

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

ENFORCEMENT SUMMARY

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 1-30, 1984

INSPECTION REPORT NO: 50-313/84-12

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

1. Docket: 50-368 OPERATING STATUS

2. Reporting Period: 06/01/84 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	720.0	4,367.0	37,391.0
13. Hours Reactor Critical	700.5	3,669.2	25,341.9
14. Rx Reserve Shtdwn Hrs	.0	.0	1,430.1
15. Hrs Generator On-Line	687.8	3,510.3	24,460.6
16. Unit Reserve Shtdwn Hrs	.0	.0	75.0
17. Gross Therm Ener (MWH)	1,898,934	8,947,339	61,496,879
18. Gross Elec Ener (MWH)	631,555	2,982,320	19,999,271
19. Net Elec Ener (MWH)	603,708	2,844,328	19,050,668
20. Unit Service Factor	95.5	80.4	65.4
21. Unit Avail Factor	95.5	80.4	65.6
22. Unit Cap Factor (MDC Net)	97.7	75.9	59.4
23. Unit Cap Factor (DER Net)	91.9	71.4	55.9
24. Unit Forced Outage Rate	4.5	2.9	18.3
25. Forced Outage Hours	32.2	105.5	5,484.0

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

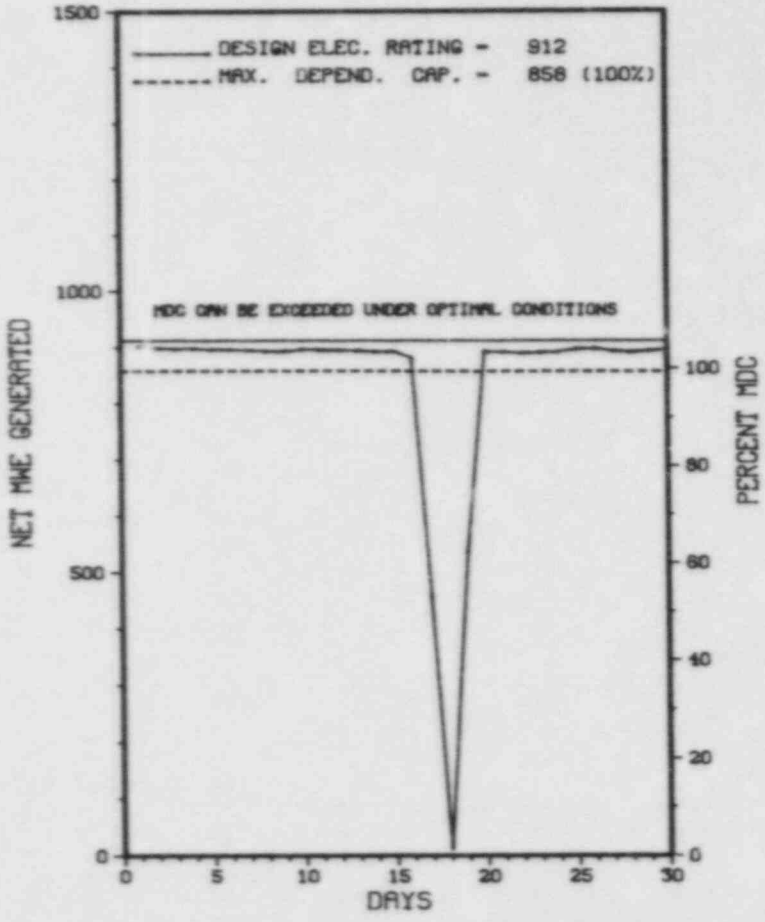
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ARKANSAS 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-05	06/17/84	F	24.5	A	3	84-13-00	AA	ZZZZZZ	THE UNIT TRIPPED DUE TO A DROPPED CEA. THE EXACT CAUSE OF THE DROPPED CEA IS UNKNOWN
84-06	06/18/84	F	7.7	A	3	84-14-00	ST	TC	THE UNIT TRIPPED ON HIGH S/G LEVEL WHEN A MFW REGULATING VALVE WENT OPEN. THE CAUSE WAS VALVE OPERATOR AIR CONTROL RELATED.

****
* SUMMARY *
****

ARKANSAS 2 OPERATED WITH 2 SHUTDOWNS DURING JUNE FOR EQUIPMENT REPAIR.

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

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

ENFORCEMENT SUMMARY

1. PROCEDURE COMPLIANCE BOTH UNIT 1 (50-313) TECHNICAL SPECIFICATION 6.10 AND UNIT 2 (50-368) TECHNICAL SPECIFICATION 6.11, "RADIATION PROTECTION PROGRAM," REQUIRE THAT: "PROCEDURES FOR PERSONNEL RADIATION PROTECTION SHALL BE PREPARED . . . AND ADHERED TO FOR ALL OPERATIONS INVOLVING . . . EXPOSURE." ADDITIONALLY, AND HEALTH PHYSICS OPERATING PROCEDURE 1632.021, "TLD CALIBRATION AND PERFORMANCE CERTIFICATION," REVISION 3, REQUIRES THAT UPON COMPLETION OF THE PERFORMANCE TEST FOR THE FOURTH QUARTER OF THE CURRENT CALENDAR YEAR, AN ANNUAL PERFORMANCE TEST SHOULD BE MADE. CONTRARY TO THE ABOVE, THE FOURTH QUARTER PERFORMANCE TEST WAS COMPLETED ON NOVEMBER 21, 1983, AND AS OF APRIL 6, 1984, THE ANNUAL PERFORMANCE TEST HAD NOT BEEN MADE.
(8409 5)

CONTRARY TO STATION ADMINISTRATIVE PROCEDURE, ON APRIL 18, 1984, THE NRC INSPECTORS FOUND AN EXCESSIVE AMOUNT (APPROXIMATELY 20 POUNDS) OF COMBUSTIBLES LOCATED IN THE UNIT 2 STEAM PIPE AREA.
(8412 5)

FAILURE TO PROVIDE ADEQUATE DESIGN CONTROL MEASURES.

(8415 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 1-30, 1984

INSPECTION REPORT NO: 50-368/84-12

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

1. Docket: 50-334 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: J. L. HOLTZ (412) 643-1369

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	720.0	4,367.0	71,591.0
13. Hours Reactor Critical	650.2	4,085.7	34,969.0
14. Rx Reserve Shtdwn Hrs	.0	.0	4,482.7
15. Hrs Generator On-Line	647.7	3,917.3	33,696.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,533,814	9,788,719	77,378,251
18. Gross Elec Ener (MWH)	482,000	3,174,500	24,603,440
19. Net Elec Ener (MWH)	448,730	2,989,465	22,878,263
20. Unit Service Factor	90.0	89.7	49.4
21. Unit Avail Factor	90.0	89.7	49.4
22. Unit Cap Factor (MDC Net)	76.9	84.5	43.0
23. Unit Cap Factor (DER Net)	74.6	82.0	41.7
24. Unit Forced Outage Rate	.0	2.9	28.4
25. Forced Outage Hours	.0	118.8	17,795.9

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

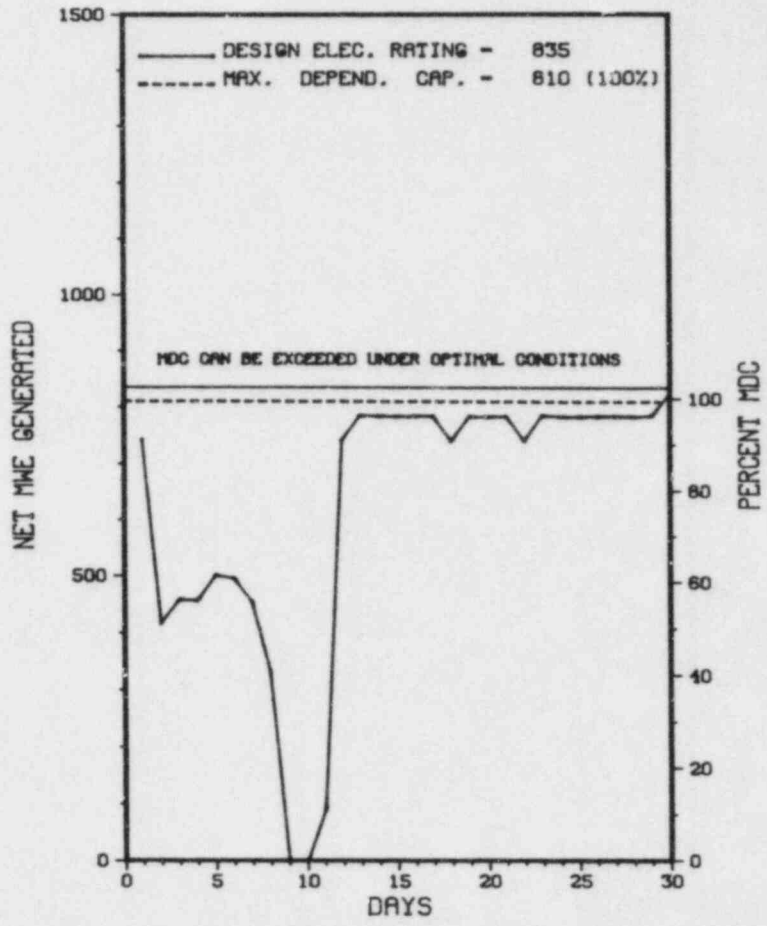
REFUELING - OCTOBER 1984

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BEAVER VALLEY 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

BEAVER VALLEY 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
8	06/08/84	S	72.3	B	1		CH	PUMPXX	THE STATION WAS SHUTDOWN AT 1848 HOURS ON THE 8TH FOR SEAL REPLACEMENT ON THE 1A MAIN FEEDWATER PUMP. VARIOUS OTHER MAINTENANCE WAS PERFORMED DURING THE SHUTDOWN. REPAIRS WERE MADE AND THE MAIN UNIT GENERATOR OUTPUT BREAKERS WERE CLOSED AT 1908 HOURS ON THE 11TH.

SUMMARY

BEAVER VALLEY 1 OPERATED WITH 1 OUTAGE AND NO REDUCTIONS 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)

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

FACILITY DATA

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
ALIQUIPPA, PA 15001

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.

****
* BEAVER VALLEY 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: 50-155 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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): 69

8. Maximum Dependable Capacity (Net MWe): 64

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	720.0	4,367.0	186,354.0
13. Hours Reactor Critical	.0	3,270.8	130,981.2
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	3,249.5	128,522.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	613,238	24,099,129
18. Gross Elec Ener (MWH)	0	199,368	7,614,977
19. Net Elec Ener (MWH)	0	188,091	7,200,303
20. Unit Service Factor	.0	74.0	69.0
21. Unit Avail Factor	.0	74.0	69.0
22. Unit Cap Factor (MDC Net)	.0	67.3	57.6*
23. Unit Cap Factor (DER Net)	.0	59.8	53.7
24. Unit Forced Outage Rate	.0	11.4	16.7
25. Forced Outage Hours	.0	417.5	10,317.8

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

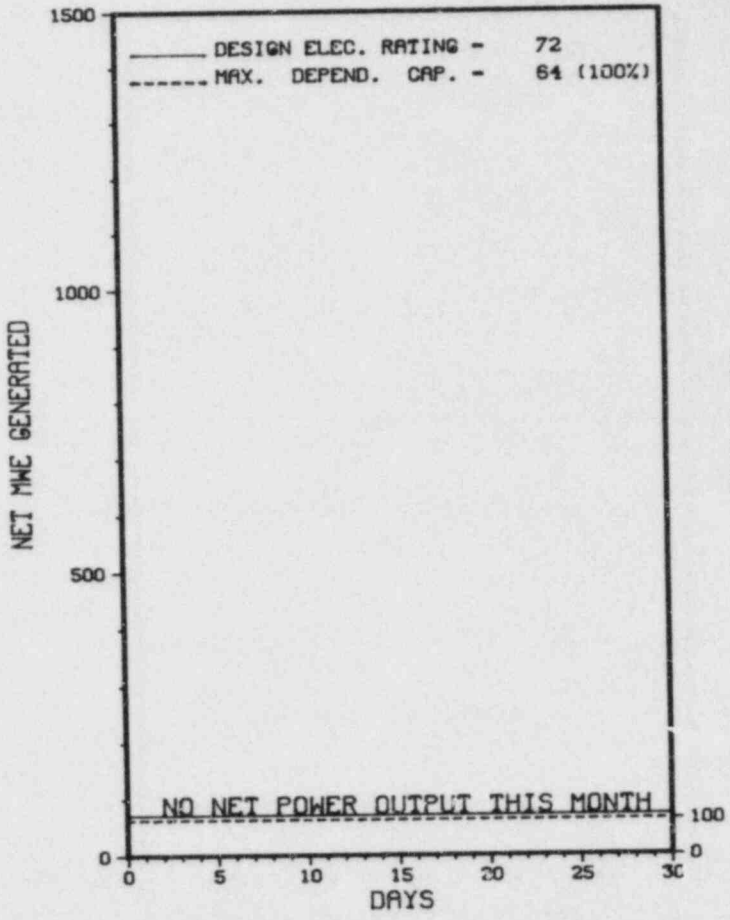
NONE

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

****
* BIG ROCK POINT 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BIG ROCK POINT 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

BIG ROCK POINT 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-03	05/30/84	S	720.0	C	4	ER-84-03	WF	PIPEXX	SUSPECTED PIPE BREAK IN A SIX-INCH PIPE FROM THE CONDENSATE STORAGE TANK CAUSED THE PLANT TO SHUTDOWN. DECIDED TO COMMENCE REFUELING. SUBJECT PIPE BREAK HAS BEEN SUBSEQUENTLY DETERMINED TO BE IN THE DEMINERALIZED WATER MAKEUP LINE TO THE CONDENSATE STORAGE TANK.

SUMMARY

BIG ROCK POINT REMAINS SHUTDOWN IN A CONTINUING REFUELING/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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* BIG ROCK POINT 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....G. WRIGHT

LICENSING PROJ MANAGER.....R. EMCH
DOCKET NUMBER.....50-155

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

PUBLIC DOCUMENT ROOM.....CHARLEVOIX PUBLIC LIBRARY
107 CLINTON STREET
CHARLEVOIX, MICHIGAN 49720

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON MAY 7-10, (84-04): ROUTINE, UNANNOUNCED INSPECTION OF OPERATIONAL RADIATION PROTECTION AND RADWASTE PROGRAMS, INCLUDING: OPEN ITEMS, ORGANIZATION AND MANAGEMENT CONTROLS, CONTROL OF RADIOACTIVE MATERIALS AND CONTAMINATION, RADIOLOGICAL DIVING OPERATIONS, FACIAL HAIR POLICY, FUEL SHIPPING ACTIVITIES, SOLID WASTE, LIQUID WASTE, GASEOUS WASTE, AND CERTAIN TMI ACTION PLAN ITEMS. THE INSPECTION INVOLVED 58 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. OF THE ELEVEN AREAS INSPECTED NO VIOLATIONS WERE IDENTIFIED IN TEN AREAS. ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO CALIBRATE HIGH RANGE SURVEY INSTRUMENTS).

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.4.3(F) REQUIRES THAT GAMMA DOSE RATE MEASURING INSTRUMENTS SHALL BE CALIBRATED AT LEAST ONCE EVERY THREE MONTHS. CONTRARY TO THE ABOVE, THE LICENSEE'S EBERLINE TELETECTOR HAS NOT BEEN CALIBRATED ON THE 1000 R/HR SCALE AND THE XETEX FISSION POLE HAS NOT BEEN CALIBRATED SINCE APRIL 1981.
(8404 5)

OTHER ITEMS

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

PLANT SHUT DOWN ON 5/30/84 DUE TO UNDERGROUND WATER LEAK ON LINE TO CONDENSATE STORAGE TANK. BEGAN REFUELING OUTAGE ON 5/30/84. RESTART PLANNED FOR MID-JULY.

LAST IE SITE INSPECTION DATE: JUNE 4-8, 1984

INSPECTION REPORT NO: 84-06

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
84-02	05/10/84	06/11/84	POWER LEVEL RESTRICTION DUE TO HIGH OFF-GAS RELEASE RATE.

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

2. Reporting Period: 06/01/84 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	720.0	4,367.0	86,929.0
13. Hours Reactor Critical	479.8	3,885.0	53,690.8
14. Rx Reserve Shtdwn Hrs	240.2	465.5	6,250.1
15. Hrs Generator On-Line	455.6	3,774.2	52,491.8
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,392,881	11,312,995	149,870,674
18. Gross Elec Ener (MWH)	455,600	3,788,190	49,433,810
19. Net Elec Ener (MWH)	400,337	3,648,762	47,974,089
20. Unit Service Factor	63.3	86.4	60.4
21. Unit Avail Factor	63.3	86.4	60.4
22. Unit Cap Factor (MDC Net)	52.2	78.5	51.8
23. Unit Cap Factor (DER Net)	52.2	78.5	51.8
24. Unit Forced Outage Rate	36.7	12.9	23.1
25. Forced Outage Hours	264.4	561.0	15,785.7

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

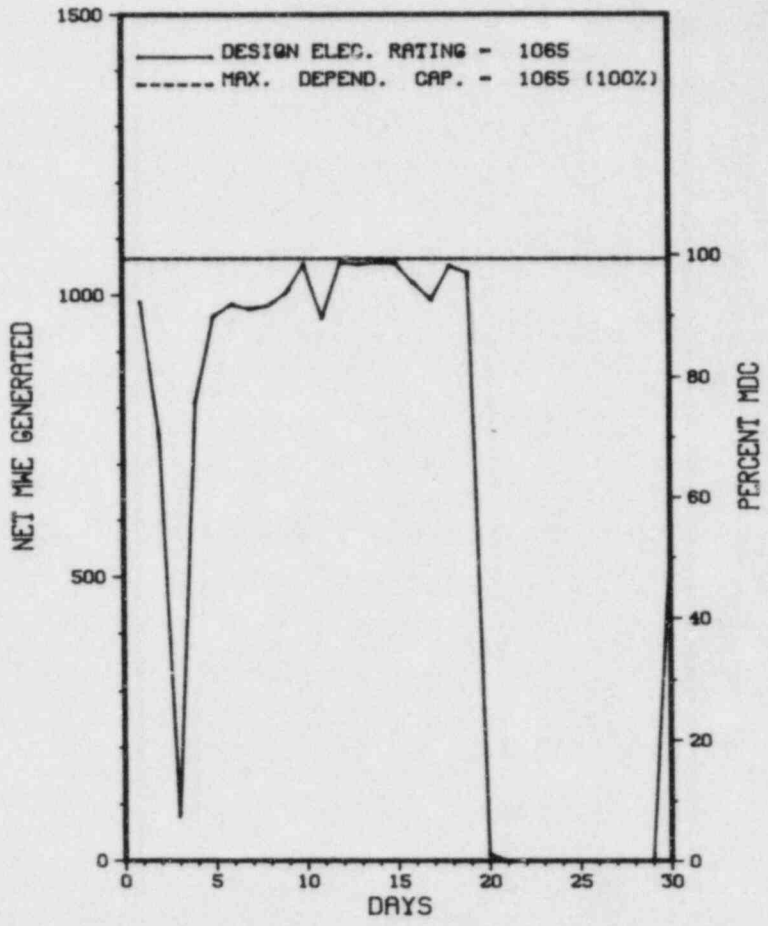
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BROWNS FERRY 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

BROWNS FERRY 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
282	06/02/84	F	25.4	A	3				REACTOR SCRAM ON TCV FAST CLOSURE (GENERATOR LOAD REJECTION).
283	06/08/84	S	0.0	H	5				DERATED FOR CONTROL ROD PATTERN ADJUSTMENT.
284	06/11/84	F	0.0	A	5				RECIRCULATION PUMP "B" TRIPPED.
285	06/16/84	F	0.0	H	5				DERATED FOR CONTROL ROD PATTERN ADJUSTMENT.
286	06/20/84	F	173.3	A	1				REACTOR SCRAM TO DETERMINE SOURCE OF LEAKAGE INTO DRYWELL.
287	06/27/84	F	65.7	A	1				REACTOR SCRAM FOR REPLACEMENT OF MSRV 1-4.

SUMMARY

BROWNS FERRY 1 OPERATED WITH 3 OUTAGES AND 3 REDUCTIONS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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 MAY 8-11 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 9 INSPECTOR HOURS ON SITE IN THE AREAS OF REVIEW OF PROGRAM, WORK ACTIVITIES AND RECORDS FOR INDUCTION HEAT STRESS IMPROVEMENT (IHSI) OF SAFETY-RELATED PIPING, IE BULLETINS, PREVIOUS ENFORCEMENT ITEMS, AND INSPECTOR FOLLOWUP ITEMS AND UNRESOLVED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 8-11 (84-17): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREA OF FIRE PROTECTION/PREVENTION. OF THE AREA INSPECTED, ONE APPARENT VIOLATION WAS FOUND (FAILURE TO FOLLOW FIRE PREVENTION PROCEDURES FOR CONTROL OF TEMPORARY FIRE LOADS - PARAGRAPH 5.D). NO APPARENT DEVIATIONS WERE FOUND.

INSPECTION MAY 21-25 (84-19): THIS ROUTINE INSPECTION ENTAILED 12 INSPECTOR HOURS (2 INSPECTOR HOURS ON BACKSHIFTS) ON SITE IN THE AREAS OF RADIOACTIVE WASTE AND TRANSPORTATION, INTERNAL EXPOSURE CONTROL, LICENSEE AUDITS, CONTROL OF RADIOACTIVE MATERIAL, HEALTH PHYSICS ORGANIZATION AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS AND INSPECTOR FOLLOWUP ITEMS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO PROPERLY BRACE A RADIOACTIVE WASTE PACKAGE DURING TRANSPORT.

ENFORCEMENT SUMMARY

10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS AND PROCEDURES. THE PLANT CLEARANCE PROCEDURE (STANDARD PRACTICE 14.25) FOR TAGOUT EQUIPMENT SPECIFIES REQUIREMENTS TO BE FOLLOWED IN

ENFORCEMENT SUMMARY

PLACING EQUIPMENT IN AND OUT OF SERVICE. CONTRARY TO THE ABOVE, REQUIREMENTS OF BF 14.25 WERE NOT MET IN THAT TAGOUT CLEARANCE PROCEDURES WERE NOT FOLLOWED FOR REMOVING THE TAG ON A PIECE OF EQUIPMENT WHEN THE EQUIPMENT WAS RETURNED TO SERVICE. ON APRIL 5, 1984, A UNIT 1 CORE SPRAY VALVE (FCV 75-9) WAS NOTED TO HAVE A TAG ON THE VALVE HANDWHEEL. THE CLEARANCE (83-1260) HAD BEEN CLEARED AND THE SYSTEM RETURNED TO SERVICE ON AUGUST 30, 1983. A SIMILAR VIOLATION WAS NOTED IN REPORT 83-60.

TECHNICAL SPECIFICATION 6.3.A.1 REQUIRES THAT DETAILED WRITTEN PROCEDURES, INCLUDING APPLICABLE CHECKOFF LISTS, SHALL BE PREPARED, APPROVED, AND ADHERED TO FOR NORMAL STARTUP, OPERATION, AND SHUTDOWN OF THE REACTOR AND OF ALL SYSTEMS AND COMPONENTS INVOLVING NUCLEAR SAFETY OF THE FACILITY. CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT OPERATING INSTRUCTIONS 32 AND 32A, CONTROL/STATION AIR AND DRYWELL CONTROL AIR, DO NOT CONTAIN ALL SYSTEM VALVES IN THE VALVE LINEUP CHECKLISTS. A RANDOM AND PARTIAL SAMPLE OF VALVES IN THE REACTOR BUILDING IDENTIFIED THAT 9 VALVES ON UNIT 1 WERE NOT ON ANY CHECKLIST (32-1421, 32-1422, 32-1423, 32-1424, 32-1425, 32-1228, 32-2245, 32-1336, 32-1255). THESE VALVES INCLUDED THE SUPPLY TO THE SUPPRESSION CHAMBER VACUUM RELIEF, DRYWELL VENTILATION SUPPLY, AND CONTAINMENT INERTING VALVES. ON UNIT 2, VALVE 2-32-1755 (HPCI CONTROL AIR SUPPLY) IS MISSING FROM THE VALVE CHECKLIST. EXAMPLES ON UNIT 3 ARE 3-32-2276, (HPCI CONTROL AIR) 3-32-2224, 3-32-2225 (CONTAINMENT INERTING CONTROL AIR). 10CFR50, APP. B, CRIT. V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. (A) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT CONTROL AIR SYSTEM AS-CONSTRUCTED DRAWINGS 47W847-9, 10, & 11 DO NOT REFLECT THE CONTROL AIR SYSTEMS IN THE PLANT. ON U-1, VALVE 1-32-1278, ISOLATION TO PC-68-106, IS NOT ON THE DRAWING. ISOLATION VALVE TO FCV-70-1 IS LABELED 1-32-2554 IN THE PLANT BUT IS NOT NUMBERED ON THE DRAWING. ISOLATION VALVE FCV-68-106 IS LABELED 1-32-1279 BUT IS NOT NUMBERED ON THE DRAWING. ON U-2, DIFFERENCES BETWEEN PLANT VALVE ID TAGS AND THE DRAWINGS ARE 1278 (PLANT) VERSUS 2121 (DRAWING), 1279 (PLANT) VERSUS 2122 (DRAWING), 1894 (PLANT) VERSUS NO NUMBER (DRAWING), NO LABEL (PLANT) VERSUS 2133 (DRAWING), 1397 (PLANT) VERSUS 2132 (DRAWING), AND 1781 (PLANT) VERSUS 2139 (DRAWING). ON U-3, THE DRAWING DOES NOT SHOW THE VALVE BETWEEN 2121, 2122 AND 696, 2322. VALVE 2133 ON THE DRAWING IS NOT LABELED IN THE PLANT. (B) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT THE FOLLOWING DISCREPANCIES IN PLANT DRAWINGS, PRESSURE SWITCH SETPOINTS, AND ANNUNCIATOR WERE FOUND AS RELATED TO THE FIRE PROTECTION AREA: (1) BROWNS FERRY INSTRUMENT TABULATION (DRAWING 47B601-026, PG 40) GIVES THE SETPOINT OF PRESSURE SWITCH PS-26-44 AS 120 PSI FOR THE HEADER PRESSURE. AS CONDUCTED DRAWING 45N644-1 GIVES THE SETTING AS 100 PSI. (2) DESIGN CHG REQ 1581, R1 DTD 9/23/78 GIVES THE SETTING PRESSURE SWITCH PS-26-44A AS 50 PSIG, BUT A SETTING OF 60 PSI IS SHOWN ON DRAWING 45N644-1 & 35N731-9. (3) ANNUNCIATION FOR "FIRE PROTECTION WATER SUPPLY ON" SUPPLIED FROM PS-26-44 WAS CHANGED TO "RAW SERVICE WATER PRESSURE LOW" SUPPLIED FROM PS-26-44A. LOGIC DIAGRAM 47W611-26-13 INCORRECTLY SHOWS THE ALARM BEING SUPPLIED FROM PS-26-44. THE CONTROL DIAGRAM FOR THE ANNUNCIATOR SYSTEM, 47-610-55-2, INCORRECTLY SHOWS THE TITLE AND PRESSURE SWITCH NO. FOR ANNUNCIATOR AS PS-26-44, "FIRE PROTECTION WATER SUPPLY ON". (4) THE INSTALLATION OF PS-26-44A IS NOT CORRECTLY REFLECTED IN PLANT DRAWINGS. FLOW DIAGRAM 47W836-1 SHOWS AN ISOLATION VALVE FOR PS-26-44 BUT NO VALVE FOR PS-26-44A. VALVE INSTALLED IN SYSTEM; PANEL 47W600-51 DOES NOT SHOW PS-26-44A ON PANEL 25-139. TECHNICAL SPECIFICATION 6.3.A.6 REQUIRES DETAILED WRITTEN PROCEDURES FOR SURVEILLANCE AND TESTING REQUIREMENTS BE PREPARED, APPROVED, AND ADHERED TO. TECHNICAL SPECIFICATION 4.11.A.1.G REQUIRES THAT A FIRE PROTECTION BUILDING HYDRAULIC PERFORMANCE VERIFICATION BE PERFORMED TRI-ANNUALLY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT SURVEILLANCE INSTRUCTION 4.11.A.1.G WAS INADEQUATE TO ASSURE THAT REACTOR BUILDING HYDRAULIC PERFORMANCE WAS AS DESCRIBED IN THE FIRE PROTECTION SYSTEM DESIGN BASES, THE POST MODIFICATION TEST (PT 13-1) OR THE BROWNS FERRY FIRE RECOVERY PLAN, PART X, SECTION A OF 1976. 10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS OR PROCEDURES. BROWNS FERRY STANDARD PRACTICE 8.3 REQUIRES THAT PLANT MODIFICATIONS BE COMPLETED BY THE USE OF A WORK PLAN. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT ON APRIL 24, 1984, OLD FUEL RACKS WERE REMOVED FROM THE UNIT 2 FUEL POOL WIHTOUT THE USE OF A DETAILED OR ADEQUATE WORK PLAN TO ADDRESS THE TASK ACTION REQUIREMENTS OR PROCEDURAL STEPS.
(8415 4)

10CFR50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED AND EXECUTED TO VERIFY CONFORMANCE WITH DOCUMENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS FOR ACCOMPLISHING THE ACTIVITY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET AS RELATED TO MECHANICAL MAINTENANCE INSTRUCTION (MMI) 125 (INSPECTION, TESTING, AND MAINTENANCE OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND OVERHEAD HOISTS) AND MMI 130 (MOBILE CRANES AND FORKLIFTS, INSPECTION, TESTING, AND PREVENTATIVE MAINTENANCE) AS INDICATED BY THE EXAMPLES BELOW. (A) MMI 125 REQUIRES A PERIODIC INSPECTION OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND HAND CHAIN-POWERED OVERHEAD HOISTS TO BE CONDUCTED ON IDLE (OVER SIX MONTHS) EQUIPMENT. NO EVIDENCE WAS AVAILABLE FOR REVIEW TO INDICATE THIS INSPECTION WAS BEING SCHEDULED OR COMPLETED AS REQUIRED. (B) MMI 125, APPENDIX

ENFORCEMENT SUMMARY

2, REQUIRES A FREQUENT (NOT DEFINED) INSPECTION BE CONDUCTED ON HAND-POWERED OVERHEAD HOISTS. THE HOOKS ARE TO BE CHECKED TO ASCERTAIN THE HOOK THROAT OPENING WAS NOT MORE THAN 15% GREATER THAN NORMAL THROAT OPENING. THE PROCEDURE DID NOT SPECIFY THE NORMAL THROAT OPENING AND NO EVIDENCE THE INSPECTION HAD EVEN BEEN CONDUCTED WAS AVAILABLE FOR REVIEW. SEVERAL MECHANICAL/TECHNICIANS INTERVIEWED DID NOT KNOW WHAT THE NORMAL THROAT OPENING WOULD BE FOR VARIOUS SIZE HOOKS. THE PROCEDURE SPECIFICALLY DELETED ANY DATA SHEET REQUIREMENTS. (C) MMI 130 REQUIRES WIRE ROPE INSPECTIONS TO INCLUDE A CHECK FOR PROPER ROPE REEVING. THE REEVING OF INDIVIDUAL CRANES WAS NOT LISTED IN THE PROCEDURE OR KNOWN BY MECHANICAL CRAFT PERSONNEL. (D) MMI 130, DATA SHEET 7, MONTHLY WIRE ROPE INSPECTION, IS INCONCLUSIVE ON REQUIRED SIGNOFFS (ONE YES/NO SIGNOFF FOR TWO DETERMINANTS, STEP 1.C.) AND DOES NOT ADDRESS A SIGNOFF FOR EACH REQUIREMENT IN THE PROCEDURE TEXT. (NO SIGNOFF TO VERIFY ROPE REEVING). 10 CFR 50, APPENDIX B, CRITERION VI REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO CONTROL THE ISSUANCE OF DOCUMENTS, SUCH AS DRAWINGS, INCLUDING CHANGES THERETO, WHICH PRESCRIBE ALL ACTIVITIES AFFECTING QUALITY. THESE MEASURES SHALL ASSURE THAT DOCUMENTS ARE DISTRIBUTED TO AND USED AT THE LOCATION WHERE THE PRESCRIBED ACTIVITY IS PERFORMED. BROWNS FERRY STANDARD PRACTICE 2.5 IMPLEMENTS THE DRAWING CONTROL PROCEDURES AND REQUIREMENTS. CONTRARY TO THE ABOVE, THE REQUIREMENTS OF BF 2.5 WERE NOT MET IN THAT CONTROL DRAWING 47W847-10 IN THE TECHNICAL SUPPORT CENTER WAS OF THE WRONG REVISION. THE CURRENT REVISION IS REVISION 3 WHERE AS THE REVISION WAS FOUND IN THE TSC CONTROL DRAWINGS. 10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INSTRUCTIONS, PROCEDURES, AND DRAWINGS. OPERATING INSTRUCTION 32A (DRYWELL CONTROL AIR SYSTEM) SPECIFIED THE REQUIRED VALVE LINEUP FOR THE DRYWELL CONTROL AIR SYSTEM. OPERATING INSTRUCTION 24 (DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR SYSTEM) SPECIFIES THE REQUIRED VALVE LINEUP FOR THE DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR SYSTEM. (A) CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT ON APRIL 5, 1984, DRYWELL CONTROL AIR RETURN FILTER BYPASS VALVE 1-32-2525 WAS FOUND MISPOSITIONED IN THE OPEN POSITION. OI 32A REQUIRES THE FILTER BYPASS VALVE TO BE SHUT FOR STANDBY READINESS. THE MASTER VALVE STATUS CHECKLIST INDICATED THE VALVE WAS SHUT WHICH WAS CONTRARY TO THE AS-FOUND POSITION. (B) CONTRARYTO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THE APRIL 10, 1984, DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR TEMPERATURE REGULATORY BYPASS VALVE 2-24-876 WAS FOUND MISPOSITIONED IN THE OPEN POSITION. OI 24 REQUIRES THE VALVE TO BE SHUT. THE MASTER VALVE STATUS CHECKLIST INDICATED THE VALVE WAS SHUT WHICH WAS CONTRARY TO THE AS-FOUND POSITION.
(8415 5)

A TEMPORARY FIRE LOAD EVALUATION WAS NOT MADE FOR THE STORAGE OF COMBUSTIBLE MATERIALS LOCATED IN CONTROL BAY ROOM 458 AS REQUIRED BY SITE FIRE PREVENTION PROCEDURE STANDARD PRACTICE BF 14.19, TEMPORARY FIRE LOAD. THIS WAS A FAILURE TO IMPLEMENT THE FIRE PROTECTION AND PREVENTION PROCEDURES AS REQUIRED BY TECHNICAL SPECIFICATION SECTION 6.3.A.10.
(8417 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

INTERGRANULAR STRESS CORROSION CRACKING (IGSCC) PROBLEMS IN RHR, CORE SPRAY AND OTHER PIPING HAS NECESSITATED WELD OVERLAY REPAIRS.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

THE OFFICE OF POWER AND OFFICE OF ENGINEERING, DESIGN AND CONSTRUCTION WERE COMBINED TO FORM THE OFFICE OF POWER AND ENGINEERING, H. G. PARRIS, MANAGER. A SEPARATE OFFICE OF NUCLEAR POWER WAS ESTABLISHED WITH J. P. DARLING, MANAGER, J. P. COFFEY WAS ASSIGNED AS SITE DIRECTOR, BROWNS FERRY REPORTING TO J. P. DARLING.

PLANT STATUS:

OTHER ITEMS

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 21-25, 1984 +

INSPECTION REPORT NO: 50-259/84-19 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-020/ - -	05/05/84	05/25/84	PARALLELING THE UNIT 1 AND 2 DIESEL-GENERATORS WITH UNIT 3 IN THE PRESENCE OF AN ACCIDENT SIGNAL WAS NOT POSSIBLE, A MODIFICATION TO COMPLETE CORRECTIVE ACTION IS IN PROGRESS.
84-021/ - -	05/05/84	06/04/84	THE BROWNS FERRY FIRE RECOVERY PLAN REQUIRE THE CABLES FOR THE RELIEF VALVES TO BE SEPARATED, MODIFICATIONS WERE COMPLETED 5/24/84 TO ENSURE 4 RELIEF VALVES WOULD BE OPERABLE.
84-022/ - -	05/12/84	06/08/84	DURING A DESIGN BASIS ACCIDENT AND A LOSS OF OFFSITE POWER, EQUIPMENT NECESSARY FOR VITAL ELECTRICAL BOARD COOLING COULD BE LOST.
84-023/ - -	05/18/84	06/14/84	DURING REPLACEMENT OF FAILED RELAY 16AK20, AN ADJACENT INTERNAL PANEL WIRE WHICH SUPPLIES POWER TO NUMEROUS PRIMARY CONTAINMENT ISOLATION VALVES CAME LOOSE.

1. Docket: 50-260 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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	720.0	4,367.0	81,840.0
13. Hours Reactor Critical	710.0	4,066.8	54,030.7
14. Rx Reserve Shtdwn Hrs	9.9	300.1	14,200.4
15. Hrs Generator On-Line	704.4	4,016.6	52,509.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,382,462	9,326,074	149,471,119
18. Gross Elec Ener (MWH)	428,260	3,002,890	49,600,178
19. Net Elec Ener (MWH)	414,159	2,919,529	48,178,132
20. Unit Service Factor	97.8	92.0	64.2
21. Unit Avail Factor	97.8	92.0	64.2
22. Unit Cap Factor (MDC Net)	54.0	62.8	55.3
23. Unit Cap Factor (DER Net)	54.0	62.8	55.3
24. Unit Forced Outage Rate	2.2	5.8	23.6
25. Forced Outage Hours	15.6	249.4	16,304.4

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

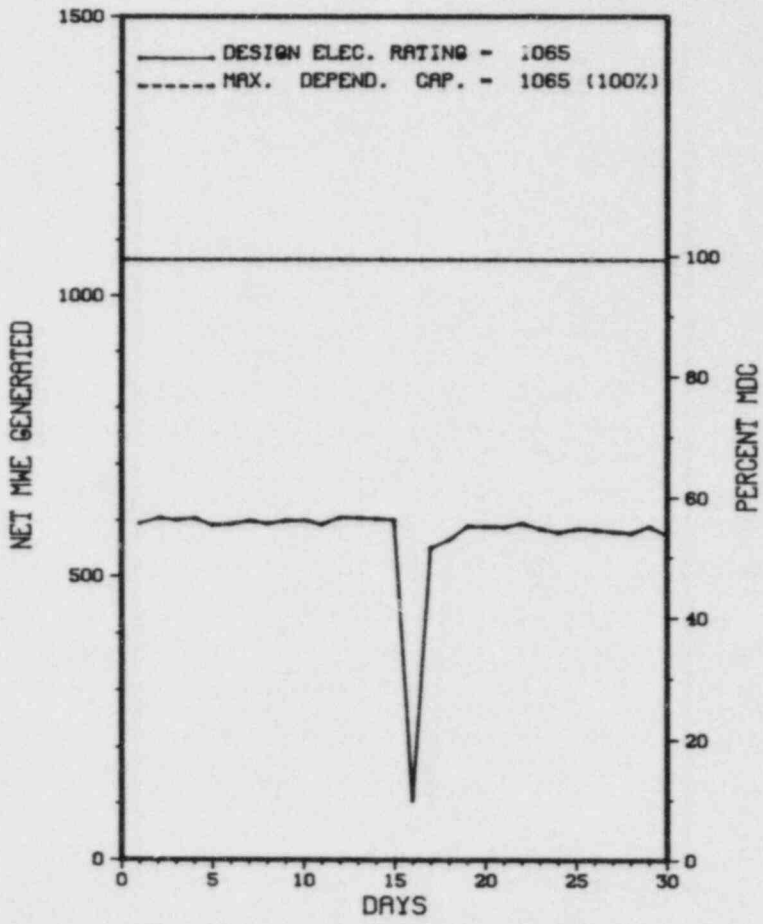
AUGUST 1984 - REFUEL

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BROWNS FERRY 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
293	06/01/84	S	0.0	H	5				DERATED TO EXTEND FUEL CYCLE AND ADMINISTRATIVE HOLD BECAUSE ALL ADS RELIEF VALVE CABLES ARE ROUTED THROUGH THE SAME CABLE TRAY.
294	06/16/84	F	15.6	G	3				REACTOR SCRAM ON TURBINE STOP VALVE CLOSURE - AUO BUMPED LOW BEARING OIL TANK LEVEL SWITCH.
295	06/17/84	S	0.0	H	5				DERATED TO EXTEND FUEL CYCLE AND ADMINISTRATIVE HOLD BECAUSE ALL ADS RELIEF VALVE CABLES ARE ROUTED THROUGH THE SAME CABLE TRAY.

****
* SUMMARY *
****

BROWNS FERRY 2 OPERATED ROUTINELY 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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

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

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

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

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

INSPECTION SUMMARY

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ENFORCEMENT SUMMARY

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ENFORCEMENT SUMMARY

PLACING EQUIPMENT IN AND OUT OF SERVICE. CONTRARY TO THE ABOVE, REQUIREMENTS OF BF 14.25 WERE NOT MET IN THAT TAGOUT CLEARANCE PROCEDURES WERE NOT FOLLOWED FOR REMOVING THE TAG ON A PIECE OF EQUIPMENT WHEN THE EQUIPMENT WAS RETURNED TO SERVICE. ON APRIL 5, 1984, A UNIT 1 CORE SPRAY VALVE (FCV 75-9) WAS NOTED TO HAVE A TAG ON THE VALVE HANDWHEEL. THE CLEARANCE (83-1260) HAD BEEN CLEARED AND THE SYSTEM RETURNED TO SERVICE ON AUGUST 30, 1983. A SIMILAR VIOLATION WAS NOTED IN REPORT 83-60.

TECHNICAL SPECIFICATION 6.3.A.1 REQUIRES THAT DETAILED WRITTEN PROCEDURES, INCLUDING APPLICABLE CHECKOFF LISTS, SHALL BE PREPARED, APPROVED, AND ADHERED TO FOR NORMAL STARTUP, OPERATION, AND SHUTDOWN OF THE REACTOR AND OF ALL SYSTEMS AND COMPONENTS INVOLVING NUCLEAR SAFETY OF THE FACILITY. CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT OPERATING INSTRUCTIONS 32 AND 32A, CONTROL/STATION AIR AND DRYWELL CONTROL AIR, DO NOT CONTAIN ALL SYSTEM VALVES IN THE VALVE LINEUP CHECKLISTS. A RANDOM AND PARTIAL SAMPLE OF VALVES IN THE REACTOR BUILDING IDENTIFIED THAT 9 VALVES ON UNIT 1 WERE NOT ON ANY CHECKLIST (32-1421, 32-1422, 32-1423, 32-1424, 32-1425, 32-1228, 32-2145, 32-1336, 32-1255). THESE VALVES INCLUDED THE SUPPLY TO THE SUPPRESSION CHAMBER VACUUM RELIEF, DRYWELL VENTILATION SUPPLY, AND CONTAINMENT INERTING VALVES. ON UNIT 2, VALVE 2-32-1755 (HPCI CONTROL AIR SUPPLY) IS MISSING FROM THE VALVE CHECKLIST. EXAMPLES ON UNIT 3 ARE 3-32-2276, (HPCI CONTROL AIR) 3-32-2224, 3-32-2225 (CONTAINMENT INERTING CONTROL AIR). 10CFR50, APP. B, CRIT. V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. (A) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT CONTROL AIR SYSTEM AS-CONSTRUCTED DRAWINGS 47W847-9, 10, & 11 DO NOT REFLECT THE CONTROL AIR SYSTEMS IN THE PLANT. ON U-1, VALVE 1-32-1278, ISOLATION TO PC-68-106, IS NOT ON THE DRAWING. ISOLATION VALVE TO FCV-70-1 IS LABELED 1-32-2554 IN THE PLANT BUT IS NOT NUMBERED ON THE DRAWING. ISOLATION VALVE FCV-68-106 IS LABELED 1-32-1279 BUT IS NOT NUMBERED ON THE DRAWING. ON U-2, DIFFERENCES BETWEEN PLANT VALVE ID TAGS AND THE DRAWINGS ARE 1278 (PLANT) VERSUS 2121 (DRAWING), 1279 (PLANT) VERSUS 2122 (DRAWING), 1894 (PLANT) VERSUS NO NUMBER (DRAWING), NO LABEL (PLANT) VERSUS 2133 (DRAWING), 1397 (PLANT) VERSUS 2132 (DRAWING), AND 1781 (PLANT) VERSUS 2139 (DRAWING). ON U-3, THE DRAWING DOES NOT SHOW THE VALVE BETWEEN 2121, 2122 AND 696, 2322. VALVE 2133 ON THE DRAWING IS NOT LABELED IN THE PLANT. (B) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT THE FOLLOWING DISCREPANCIES IN PLANT DRAWINGS, PRESSURE SWITCH SETPOINTS, AND ANNUNCIATOR WERE FOUND AS RELATED TO THE FIRE PROTECTION AREA: (1) BROWNS FERRY INSTRUMENT TABULATION (DRAWING 47B601-026, PG 40) GIVES THE SETPOINT OF PRESSURE SWITCH PS-26-44 AS 120 PSI FOR THE HEADER PRESSURE. AS CONDUCTED DRAWING 45N644-1 GIVES THE SETTING AS 100 PSI. (2) DESIGN CHG REQ 1581, R1 DTD 9/23/78 GIVES THE SETTING PRESSURE SWITCH PS-26-44A AS 50 PSIG, BUT A SETTING OF 60 PSI IS SHOWN ON DRAWING 45N644-1 & 35N731-9. (3) ANNUNCIATION FOR "FIRE PROTECTION WATER SUPPLY ON" SUPPLIED FROM PS-26-44 WAS CHANGED TO "RAW SERVICE WATER PRESSURE LOW" SUPPLIED FROM PS-26-44A. LOGIC DIAGRAM 47W611-26-13 INCORRECTLY SHOWS THE ALARM BEING SUPPLIED FROM PS-26-44. THE CONTROL DIAGRAM FOR THE ANNUNCIATOR SYSTEM, 47-610-55-2, INCORRECTLY SHOWS THE TITLE AND PRESSURE SWITCH NO. FOR ANNUNCIATOR AS PS-26-44, "FIRE PROTECTION WATER SUPPLY ON". (4) THE INSTALLATION OF PS-26-44A IS NOT CORRECTLY REFLECTED IN PLANT DRAWINGS. FLOW DIAGRAM 47W836-1 SHOWS AN ISOLATION VALVE FOR PS-26-44 BUT NO VALVE FOR PS-26-44A. VALVE INSTALLED IN SYSTEM; PANEL 47W600-51 DOES NOT SHOW PS-26-44A ON PANEL 25-139. TECHNICAL SPECIFICATION 6.3.A.6 REQUIRES DETAILED WRITTEN PROCEDURES FOR SURVEILLANCE AND TESTING REQUIREMENTS BE PREPARED, APPROVED, AND ADHERED TO. TECHNICAL SPECIFICATION 4.11.A.1.G REQUIRES THAT A FIRE PROTECTION BUILDING HYDRAULIC PERFORMANCE VERIFICATION BE PERFORMED TRI-ANNUALLY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT SURVEILLANCE INSTRUCTION 4.11.A.1.G WAS INADEQUATE TO ASSURE THAT REACTOR BUILDING HYDRAULIC PERFORMANCE WAS AS DESCRIBED IN THE FIRE PROTECTION SYSTEM DESIGN BASES. THE POST MODIFICATION TEST (PI 13-1) OR THE BROWNS FERRY FIRE RECOVERY PLAN, PART X, SECTION A OF 1976. 10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS OR PROCEDURES. BROWNS FERRY STANDARD PRACTICE 8.3 REQUIRES THAT PLANT MODIFICATIONS BE COMPLETED BY THE USE OF A WORK PLAN. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT ON APRIL 24, 1984, OLD FUEL RACKS WERE REMOVED FROM THE UNIT 2 FUEL POOL WIHTOUT THE USE OF A DETAILED OR ADEQUATE WORK PLAN TO ADDRESS THE TASK ACTION REQUIREMENTS OR PROCEDURAL STEPS.
(8415 4)

10CFR50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED AND EXECUTED TO VERIFY CONFORMANCE WITH DOCUMENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS FOR ACCOMPLISHING THE ACTIVITY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET AS RELATED TO MECHANICAL MAINTENANCE INSTRUCTION (MMI) 125 (INSPECTION, TESTING, AND MAINTENANCE OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND OVERHEAD HOISTS) AND MMI 130 (MOBILE CRANES AND FORKLIFTS, INSPECTION, TESTING, AND PREVENTATIVE MAINTENANCE) AS INDICATED BY THE EXAMPLES BELOW. (A) MMI 125 REQUIRES A PERIODIC INSPECTION OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND HAND CHAIN-POWERED OVERHEAD HOISTS TO BE CONDUCTED ON IDLE (OVER SIX MONTHS) EQUIPMENT. NO EVIDENCE WAS AVAILABLE FOR REVIEW TO INDICATE THIS INSPECTION WAS BEING SCHEDULED OR COMPLETED AS REQUIRED. (B) MMI 125, APPENDIX

ENFORCEMENT SUMMARY

2. REQUIRES A FREQUENT (NOT DEFINED) INSPECTION BE CONDUCTED ON HAND-POWERED OVERHEAD HOISTS. THE HOOKS ARE TO BE CHECKED TO ASCERTAIN THE HOOK THROAT OPENING WAS NOT MORE THAN 15% GREATER THAN NORMAL THROAT OPENING. THE PROCEDURE DID NOT SPECIFY THE NORMAL THROAT OPENING AND NO EVIDENCE THE INSPECTION HAD EVEN BEEN CONDUCTED WAS AVAILABLE FOR REVIEW. SEVERAL MECHANICAL/TECHNICIANS INTERVIEWED DID NOT KNOW WHAT THE NORMAL THROAT OPENING WOULD BE FOR VARIOUS SIZE HOOKS. THE PROCEDURE SPECIFICALLY DELETED ANY DATA SHEET REQUIREMENTS. (C) MMI 130 REQUIRES WIRE ROPE INSPECTIONS TO INCLUDE A CHECK FOR PROPER ROPE REEVING. THE REEVING OF INDIVIDUAL CRANES WAS NOT LISTED IN THE PROCEDURE OR KNOWN BY MECHANICAL CRAFT PERSONNEL. (D) MMI 130, DATA SHEET 7, MONTHLY WIRE ROPE INSPECTION, IS INCONCLUSIVE ON REQUIRED SIGNOFFS (ONE YES/NO SIGNOFF FOR TWO DETERMINANTS, STEP 1.C.) AND DOES NOT ADDRESS A SIGNOFF FOR EACH REQUIREMENT IN THE PROCEDURE TEXT. (NO SIGNOFF TO VERIFY ROPE REEVING). 10 CFR 50, APPENDIX B, CRITERION VI REQUIRES THAT MEASURES SHALL BE ESTABLISHED TO CONTROL THE ISSUANCE OF DOCUMENTS, SUCH AS DRAWINGS, INCLUDING CHANGES THERETO, WHICH PRESCRIBE ALL ACTIVITIES AFFECTING QUALITY. THESE MEASURES SHALL ASSURE THAT DOCUMENTS ARE DISTRIBUTED TO AND USED AT THE LOCATION WHERE THE PRESCRIBED ACTIVITY IS PERFORMED. BROWNS FERRY STANDARD PRACTICE 2.5 IMPLEMENTS THE DRAWING CONTROL PROCEDURES AND REQUIREMENTS. CONTRARY TO THE ABOVE, THE REQUIREMENTS OF BF 2.5 WERE NOT MET IN THAT CONTROL DRAWING 47W847-10 IN THE TECHNICAL SUPPORT CENTER WAS OF THE WRONG REVISION. THE CURRENT REVISION IS REVISION 3 WHERE AS THE REVISION WAS FOUND IN THE TSC CONTROL DRAWINGS. 10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH INSTRUCTIONS, PROCEDURES, AND DRAWINGS. OPERATING INSTRUCTION 32A (DRYWELL CONTROL AIR SYSTEM) SPECIFIED THE REQUIRED VALVE LINEUP FOR THE DRYWELL CONTROL AIR SYSTEM. OPERATING INSTRUCTION 24 (DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR SYSTEM) SPECIFIES THE REQUIRED VALVE LINEUP FOR THE DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR SYSTEM. (A) CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT ON APRIL 5, 1984, DRYWELL CONTROL AIR RETURN FILTER BYPASS VALVE 1-32-2525 WAS FOUND MISPOSITIONED IN THE OPEN POSITION. OI 32A REQUIRES THE FILTER BYPASS VALVE TO BE SHUT FOR STANDBY READINESS. THE MASTER VALVE STATUS CHECKLIST INDICATED THE VALVE WAS SHUT WHICH WAS CONTRARY TO THE AS-FOUND POSITION. (B) CONTRARYTO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THE APRIL 10, 1984, DRYWELL DELTA-PRESSURE CONTROL AIR COMPRESSOR TEMPERATURE REGULATORY BYPASS VALVE 2-24-876 WAS FOUND MISPOSITIONED IN THE OPEN POSITION. OI 24 REQUIRES THE VALVE TO BE SHUT. THE MASTER VALVE STATUS CHECKLIST INDICATED THE VALVE WAS SHUT WHICH WAS CONTRARY TO THE AS-FOUND POSITION.
(8415 5)

A TEMPORARY FIRE LOAD EVALUATION WAS NOT MADE FOR THE STORAGE OF COMBUSTIBLE MATERIALS LOCATED IN CONTROL BAY ROOM 458 AS REQUIRED BY SITE FIRE PREVENTION PROCEDURE STANDARD PRACTICE BF 14.19, TEMPORARY FIRE LOAD. THIS WAS A FAILURE TO IMPLEMENT THE FIRE PROTECTION AND PREVENTION PROCEDURES AS REQUIRED BY TECHNICAL SPECIFICATION SECTION 6.3.A.10.
(8417 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

THE OFFICE OF POWER AND OFFICE OF ENGINEERING, DESIGN AND CONSTRUCTION WERE COMBINED TO FORM THE OFFICE OF POWER AND ENGINEERING, H. G. PARRIS, MANAGER. A SEPARATE OFFICE OF NUCLEAR POWER WAS ESTABLISHED WITH J. P. DARLING, MANAGER, J. P. COFFEY WAS ASSIGNED AS SITE DIRECTOR, BROWNS FERRY REPORTING TO J. P. DARLING.

PLANT STATUS:

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

OTHER ITEMS

+ OPERATING AT REDUCED OUTPUT (60%) TO STRETCH CYCLE THRU SEPTEMBER.

LAST IE SITE INSPECTION DATE: MAY 21-25, 1984 +

INSPECTION REPORT NO: 50-260/84-19 +

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

2. Reporting Period: 06/01/84 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	720.0	4,367.0	64,295.0
13. Hours Reactor Critical	.0	.0	43,088.6
14. Rx Reserve Shtdwn Hrs	.0	.0	3,878.1
15. Hrs Generator On-Line	.0	.0	42,194.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	126,285,520
18. Gross Elec Ener (MWH)	0	0	41,597,620
19. Net Elec Ener (MWH)	0	0	40,376,156
20. Unit Service Factor	.0	.0	65.6
21. Unit Avail Factor	.0	.0	65.6
22. Unit Cap Factor (MDC Net)	.0	.0	59.0
23. Unit Cap Factor (DER Net)	.0	.0	59.0
24. Unit Forced Outage Rate	.0	.0	10.8
25. Forced Outage Hours	.0	.0	5,091.4

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

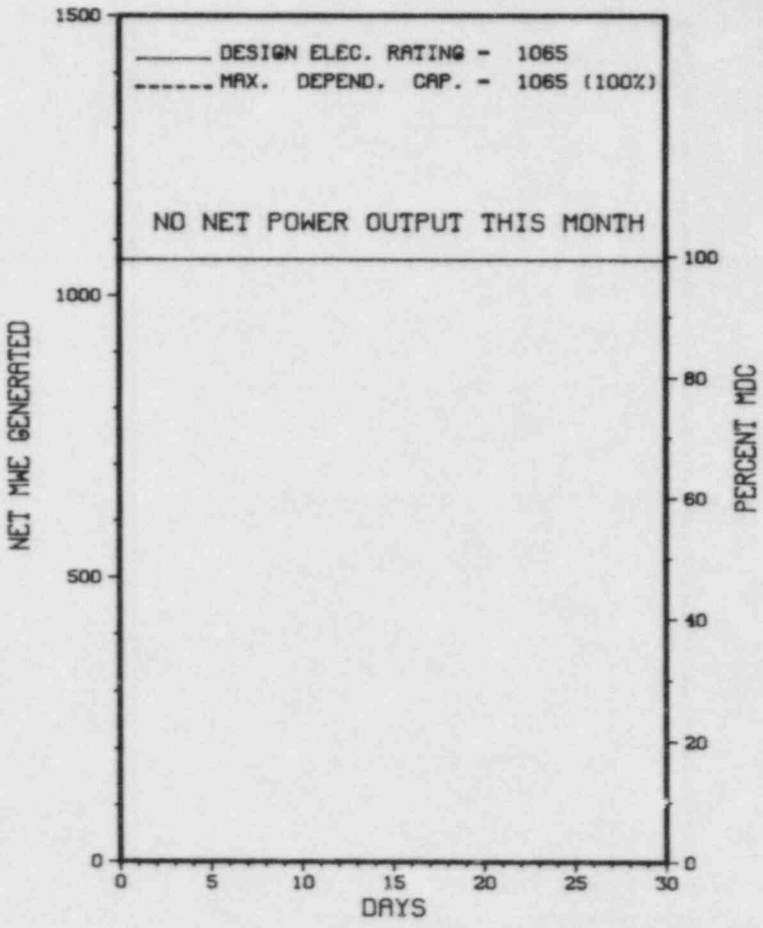
NONE

27. If Currently Shutdown Estimated Startup Date: 08/15/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BROWNS FERRY 3



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
140	09/07/83	S	720.0	C	4				END-OF-CYCLE 5 REFUELING & MAINTENANCE OUTAGE CONTINUES.

****
* SUMMARY *
****

BROWNS FERRY 3 REMAINS SHUTDOWN IN A CONTINUING REFUELING/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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

FACILITY DATA

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 MAY 8-11 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 8 INSPECTOR HOURS ON SITE IN THE AREAS OF REVIEW OF PROGRAM, WORK ACTIVITIES AND RECORDS FOR INDUCTION HEAT STRESS IMPROVEMENT (IHSI) OF SAFETY-RELATED PIPING, IE BULLETINS, PREVIOUS ENFORCEMENT ITEMS, AND INSPECTOR FOLLOWUP ITEMS AND UNRESOLVED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 8-11 (84-17): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 18 INSPECTOR HOURS ON SITE IN THE AREA OF FIRE PROTECTION/PREVENTION. OF THE AREA INSPECTED, ONE APPARENT VIOLATION WAS FOUND (FAILURE TO FOLLOW FIRE PREVENTION PROCEDURES FOR CONTROL OF TEMPORARY FIRE LOADS - PARAGRAPH 5.D). NO APPARENT DEVIATIONS WERE FOUND.

INSPECTION MAY 21-25 (84-19): THIS ROUTINE INSPECTION ENTAILED 13 INSPECTOR HOURS (3 INSPECTOR HOURS ON BACKSHIFTS) ON SITE IN THE AREAS OF RADIOACTIVE WASTE AND TRANSPORTATION, INTERNAL EXPOSURE CONTROL, LICENSEE AUDITS, CONTROL OF RADIOACTIVE MATERIAL, HEALTH PHYSICS ORGANIZATION AND FOLLOWUP ON PREVIOUS ENFORCEMENT MATTERS AND INSPECTOR FOLLOWUP ITEMS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO PROPERLY BRACE A RADIOACTIVE WASTE PACKAGE DURING TRANSPORT.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.3.A.1 REQUIRES THAT DETAILED WRITTEN PROCEDURES, INCLUDING APPLICABLE CHECKOFF LISTS, SHALL BE PREPARED, APPROVED, AND ADHERED TO FOR NORMAL STARTUP, OPERATION, AND SHUTDOWN OF THE REACTOR AND OF ALL SYSTEMS AND COMPONENTS INVOLVING

ENFORCEMENT SUMMARY

NUCLEAR SAFETY OF THE FACILITY. CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT OPERATING INSTRUCTIONS 32 AND 32A, CONTROL/STATION AIR AND DRYWELL CONTROL AIR, DO NOT CONTAIN ALL SYSTEM VALVES IN THE VALVE LINEUP CHECKLISTS. A RANDOM AND PARTIAL SAMPLE OF VALVES IN THE REACTOR BUILDING IDENTIFIED THAT 9 VALVES ON UNIT 1 WERE NOT ON ANY CHECKLIST (32-1421, 32-1422, 32-1423, 32-1424, 32-1425, 32-1228, 32-2145, 32-1336, 32-1255). THESE VALVES INCLUDED THE SUPPLY TO THE SUPPRESSION CHAMBER VACUUM RELIEF, DRYWELL VENTILATION SUPPLY, AND CONTAINMENT INERTING VALVES. ON UNIT 2, VALVE 2-32-1755 (HPCI CONTROL AIR SUPPLY) IS MISSING FROM THE VALVE CHECKLIST. EXAMPLES ON UNIT 3 ARE 3-32-2276, (HPCI CONTROL AIR) 3-32-2224, 3-32-2225 (CONTAINMENT INERTING CONTROL AIR). 10CFR50, APP. B, CRIT. V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES AND SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS, PROCEDURES, OR DRAWINGS. (A) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT CONTROL AIR SYSTEM AS-CONSTRUCTED DRAWINGS 47W847-9, 10, & 11 DO NOT REFLECT THE CONTROL AIR SYSTEMS IN THE PLANT. ON U-1, VALVE 1-32-1278, ISOLATION TO PC-68-106, IS NOT ON THE DRAWING. ISOLATION VALVE TO FCV-70-1 IS LABELED 1-32-2554 IN THE PLANT BUT IS NOT NUMBERED ON THE DRAWING. ISOLATION VALVE FCV-68-106 IS LABELED 1-32-1279 BUT IS NOT NUMBERED ON THE DRAWING. ON U-2, DIFFERENCES BETWEEN PLANT VALVE ID TAGS AND THE DRAWINGS ARE 1278 (PLANT) VERSUS 2121 (DRAWING), 1279 (PLANT) VERSUS 2122 (DRAWING), 1894 (PLANT) VERSUS NO NUMBER (DRAWING), NO LABEL (PLANT) VERSUS 2133 (DRAWING), 1397 (PLANT) VERSUS 2132 (DRAWING), AND 1781 (PLANT) VERSUS 2139 (DRAWING). ON U-3, THE DRAWING DOES NOT SHOW THE VALVE BETWEEN 2121, 2122 AND 696, 2322. VALVE 2133 ON THE DRAWING IS NOT LABELED IN THE PLANT. (B) CONTRARY TO THE ABOVE, THIS REQUIREMENT WAS NOT MET IN THAT THE FOLLOWING DISCREPANCIES IN PLANT DRAWINGS, PRESSURE SWITCH SETPOINTS, AND ANNUNCIATOR WERE FOUND AS RELATED TO THE FIRE PROTECTION AREA: (1) BROWNS FERRY INSTRUMENT TABULATION (DRAWING 47B601-026, PG 40) GIVES THE SETPOINT OF PRESSURE SWITCH PS-26-44 AS 120 PSI FOR THE HEADER PRESSURE. AS CONDUCTED DRAWING 45N644-1 GIVES THE SETTING AS 100 PSI. (2) DESIGN CHG REQ 1581, R1 DTD 9/23/78 GIVES THE SETTING PRESSURE SWITCH PS-26-44A AS 50 PSIG, BUT A SETTING OF 60 PSI IS SHOWN ON DRAWING 45N644-1 & 35N731-9. (3) ANNUNCIATION FOR "FIRE PROTECTION WATER SUPPLY ON" SUPPLIED FROM PS-26-44 WAS CHANGED TO "RAW SERVICE WATER PRESSURE LOW" SUPPLIED FROM PS-26-44A. LOGIC DIAGRAM 47W611-26-13 INCORRECTLY SHOWS THE ALARM BEING SUPPLIED FROM PS-26-44. THE CONTROL DIAGRAM FOR THE ANNUNCIATOR SYSTEM, 47-610-55-2, INCORRECTLY SHOWS THE TITLE AND PRESSURE SWITCH NO. FOR ANNUNCIATOR AS PS-26-44, "FIRE PROTECTION WATER SUPPLY ON". (4) THE INSTALLATION OF PS-26-44A IS NOT CORRECTLY REFLECTED IN PLANT DRAWINGS. FLOW DIAGRAM 47W836-1 SHOWS AN ISOLATION VALVE FOR PS-26-44 BUT NO VALVE FOR PS-26-44A. VALVE INSTALLED IN SYSTEM; PANEL 47W600-51 DOES NOT SHOW PS-26-44A ON PANEL 25-139. TECHNICAL SPECIFICATION 6.3.A.6 REQUIRES DETAILED WRITTEN PROCEDURES FOR SURVEILLANCE AND TESTING REQUIREMENTS BE PREPARED, APPROVED, AND ADHERED TO. TECHNICAL SPECIFICATION 4.11.A.1.G REQUIRES THAT A FIRE PROTECTION BUILDING HYDRAULIC PERFORMANCE VERIFICATION BE PERFORMED TRI-ANNUALLY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT SURVEILLANCE INSTRUCTION 4.11.A.1.G WAS INADEQUATE TO ASSURE THAT REACTOR BUILDING HYDRAULIC PERFORMANCE WAS AS DESCRIBED IN THE FIRE PROTECTION SYSTEM DESIGN BASES, THE POST MODIFICATION TEST (PT 13-1) OR THE BROWNS FERRY FIRE RECOVERY PLAN, PART X, SECTION A OF 1976. 10 CFR 50, APPENDIX B, CRITERION V REQUIRES THAT ACTIVITIES AFFECTING QUALITY SHALL BE PRESCRIBED BY DOCUMENTED INSTRUCTIONS OR PROCEDURES. BROWNS FERRY STANDARD PRACTICE 8.3 REQUIRES THAT PLANT MODIFICATIONS BE COMPLETED BY THE USE OF A WORK PLAN. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET IN THAT ON APRIL 24, 1984, OLD FUEL RACKS WERE REMOVED FROM THE UNIT 2 FUEL POOL WIHTOUT THE USE OF A DETAILED OR ADEQUATE WORK PLAN TO ADDRESS THE TASK ACTION REQUIREMENTS OR PROCEDURAL STEPS. (8415 4)

10CFR50, APPENDIX B, CRITERION X REQUIRES THAT A PROGRAM FOR INSPECTION OF ACTIVITIES AFFECTING QUALITY SHALL BE ESTABLISHED AND EXECUTED TO VERIFY CONFORMANCE WITH DOCUMENTED INSTRUCTIONS, PROCEDURES, AND DRAWINGS FOR ACCOMPLISHING THE ACTIVITY. CONTRARY TO THE ABOVE, THE REQUIREMENT WAS NOT MET AS RELATED TO MECHANICAL MAINTENANCE INSTRUCTION (MMI) 125 (INSPECTION, TESTING, AND MAINTENANCE OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND OVERHEAD HOISTS) AND MMI 130 (MOBILE CRANES AND FORKLIFTS, INSPECTION, TESTING, AND PREVENTATIVE MAINTENANCE) AS INDICATED BY THE EXAMPLES BELOW. (A) MMI 125 REQUIRES A PERIODIC INSPECTION OF MONORAIL SYSTEMS, UNDERHUNG CRANES, AND HAND CHAIN-POWERED OVERHEAD HOISTS TO BE CONDUCTED ON IDLE (OVER SIX MONTHS) EQUIPMENT. NO EVIDENCE WAS AVAILABLE FOR REVIEW TO INDICATE THIS INSPECTION WAS BEING SCHEDULED OR COMPLETED AS REQUIRED. (B) MMI 125, APPENDIX 2, REQUIRES A FREQUENT (NOT DEFINED) INSPECTION BE CONDUCTED ON HAND-POWERED OVERHEAD HOISTS. THE HOOKS ARE TO BE CHECKED TO ASCERTAIN THE HOOK THROAT OPENING WAS NOT MORE THAN 15% GREATER THAN NORMAL THROAT OPENING. THE PROCEDURE DID NOT SPECIFY THE NORMAL THROAT OPENING AND NO EVIDENCE THE INSPECTION HAD EVEN BEEN CONDUCTED WAS AVAILABLE FOR REVIEW. SEVERAL MECHANICAL/TECHNICIANS INTERVIEWED DID NOT KNOW WHAT THE NORMAL THROAT OPENING WOULD BE FOR VARIOUS SIZE HOOKS. THE PROCEDURE SPECIFICALLY DELETED ANY DATA SHEET REQUIREMENTS. (C) MMI 130 REQUIRES WIRE ROPE INSPECTIONS TO INCLUDE A CHECK FOR PROPER ROPE REEVING. THE REEVING OF INDIVIDUAL CRANES WAS NOT LISTED IN THE PROCEDURE OR KNOWN BY MECHANICAL CRAFT PERSONNEL. (D) MMI 130, DATA SHEET 7, MONTHLY WIRE ROPE INSPECTION, IS INCONCLUSIVE ON REQUIRED SIGNOFFS (ONE YES/NO SIGNOFF FOR TWO DETERMINANTS, STEP

ENFORCEMENT SUMMARY

1.C.) AND DOES NOT ADDRESS A SIGNOFF FOR EACH REQUIREMENT IN THE PROCEDURE TEXT. (NO SIGNOFF TO VERIFY ROPE REEVING). WHERE THE PRESCRIBED ACTIVITY IS PERFORMED. BROWNS FERRY STANDARD PRACTICE 2.5 IMPLEMENTS THE DRAWING CONTROL PROCEDURES AND REQUIREMENTS. CONTRARY TO THE ABOVE, THE REQUIREMENTS OF BF 2.5 WERE NOT MET IN THAT CONTROL DRAWING 47W847-10 IN THE TECHNICAL SUPPORT CENTER WAS OF THE WRONG REVISION. THE CURRENT REVISION IS REVISION 3 WHERE AS THE REVISION WAS FOUND IN THE TSC CONTROL DRAWINGS. (8415 5)

A TEMPORARY FIRE LOAD EVALUATION WAS NOT MADE FOR THE STORAGE OF COMBUSTIBLE MATERIALS LOCATED IN CONTROL BAY ROOM 458 AS REQUIRED BY SITE FIRE PREVENTION PROCEDURE STANDARD PRACTICE BF 14.19, TEMPORARY FIRE LOAD. THIS WAS A FAILURE TO IMPLEMENT THE FIRE PROTECTION AND PREVENTION PROCEDURES AS REQUIRED BY TECHNICAL SPECIFICATION SECTION 6.3.A.10. (8417 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

THE OFFICE OF POWER AND OFFICE OF ENGINEERING, DESIGN AND CONSTRUCTION WERE COMBINED TO FORM THE OFFICE OF POWER AND ENGINEERING, H. G. PARRIS, MANAGER. A SEPARATE OFFICE OF NUCLEAR POWER WAS ESTABLISHED WITH J. P. DARLING, MANAGER, J. P. COFFEY WAS ASSIGNED AS SITE DIRECTOR, BROWNS FERRY REPORTING TO J. P. DARLING.

PLANT STATUS:

SHUTDOWN 9/6/83 TO PERFORM IGSCC INSPECTION.

LAST IE SITE INSPECTION DATE: MAY 21-25, 1984 +

INSPECTION REPORT NO: 50-296/84-19 +

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
84-006/ - -	05/17/84	06/08/84	BASED ON INFORMATION RECEIVED FROM INSIDE NRC, TVA INSPECTED 10 ADDITIONAL WELDS ON THE JET PUMP INSTRUMENT NOZZLES, TWO WELDS WERE DETERMINED TO NEED REPAIR. WELDS WILL BE REPAIRED.

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1. Docket: 50-325 OPERATING STATUS

2. Reporting Period: 06/01/84 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	720.0	4,367.0	63,888.0
13. Hours Reactor Critical	627.2	3,785.3	40,183.3
14. Rx Reserve Shtdwn Hrs	.0	.0	1,647.1
15. Hrs Generator On-Line	607.3	3,669.7	37,758.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,398,699	8,544,917	76,972,203
18. Gross Elec Ener (MWH)	461,646	2,852,966	25,400,014
19. Net Elec Ener (MWH)	447,226	2,770,087	24,383,918
20. Unit Service Factor	84.3	84.0	59.1
21. Unit Avail Factor	84.3	84.0	59.1
22. Unit Cap Factor (MDC Net)	78.6	80.3	48.3
23. Unit Cap Factor (DER Net)	75.7	77.3	46.5
24. Unit Forced Outage Rate	15.7	12.5	20.1
25. Forced Outage Hours	112.7	522.1	9,441.3

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

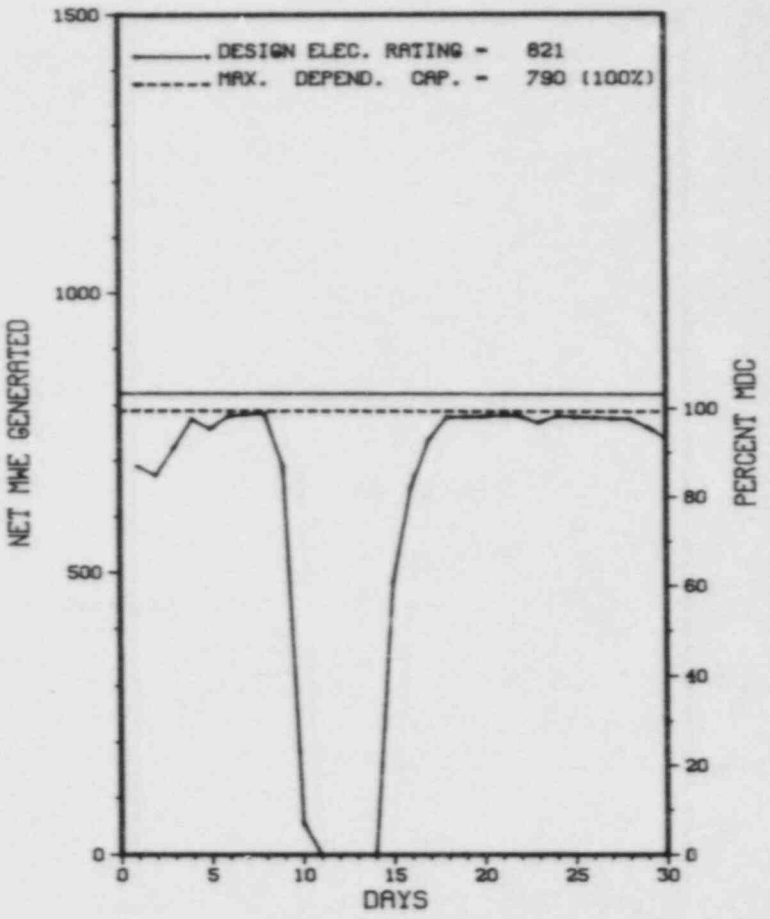
PT 20.3 OUTAGE 11-2-84; 6 WEEKS

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BRUNSWICK 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

BRUNSWICK 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-042	06/05/84	F	0.0	B	5				UNABLE TO PERFORM PT 14.1 CRD OPERABILITY DUE TO CONTINUED BLOCKS FROM APRM UPSCALES. REDUCE POWER TO 85% PUSH ROD AT 8 TO POSITION 6 COME UP TO 90% ' DO VALVE TESTING AND PT 14.1 THEN INCREASE TO 100%.
84-043	06/09/84	S	0.0	B	5				REDUCED POWER FOR I&C MSIV AND TCV TESTING.
84-046	06/10/84	F	112.7	A	2				RX SHUTDOWN DUE TO LEAK IN HEATER DRAI'I PUMP DISCHARGE HEADER. CUT OUT FOUNDATION SUPPORT, REPAIRED THROUGH WALL CRACK IN 18 INCH DISCHARGE HEADER AND REINSTALLED FOUNDATION.
84-047	06/29/84	S	0.0	B	5				ROD IMPROVEMENT AND VALVE TESTING.

SUMMARY

BRUNSWICK 1 OPERATED ROUTINELY DURING JUNE.

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

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

FACILITY DATA

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.....D. MYERS

LICENSING PROJ MANAGER.....M. GROTENHUIS
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 7-10 (84-10): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 REGULAR HOURS AND 1 HOUR ON THE BACKSHIFT, IN THE AREAS OF NUREG-0737 ITEMS, EXTERNAL EXPOSURE CONTROL, INTERNAL EXPOSURE CONTROL, SURVEYS AND POSTING, LABELING AND CONTROL. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 15 - MAY 15 (84-12): THIS ROUTINE SAFETY INSPECTION INVOLVED 53 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE, MAINTENANCE, OPERATIONAL SAFETY VERIFICATIONS, ESF SYSTEM WALKDOWN, IN-OFFICE LICENSEE EVENT REPORTS REVIEW AND INDEPENDENT INSPECTION. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 38 INSPECTOR HOURS ON SITE IN THE AREAS OF QUALITY CONTROL AND CONFIRMATORY MEASUREMENTS INCLUDING: REVIEW OF THE LABORATORY QUALITY CONTROL PROGRAM; REVIEW OF CHEMISTRY AND RADIOCHEMISTRY PROCEDURES; REVIEW OF QUALITY CONTROL RECORDS AND LOGS; AND COMPARISON OF THE RESULTS OF SPLIT SAMPLES ANALYZED BY THE LICENSEE AND NRC RII MOBILE LABORATORY. VIOLATION - FAILURE TO FOLLOW PROCEDURES FOR CALIBRATION OF A GE(LI) DETECTOR SYSTEM.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.8.1.A REQUIRES THAT WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED COVERING THE APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX "A" OF REGULATORY GUIDE 1.33, NOVEMBER 1972 WHICH INCLUDES CHEMICAL AND

ENFORCEMENT SUMMARY

RADIOCHEMICAL CONTROL. E&RC PROCEDURES 2201 "CALIBRATION/OPERATION OF ND 6600 MULTICHANNEL ANALYZER" AND 2206 "RADIOACTIVE STANDARDS PREPARATION FOR CALIBRATION OF THE ND 6600 MULTICHANNEL ANALYZER", IN PARAGRAPHS 2.0 AND 6.0 RESPECTIVELY, STATE THAT INSTRUMENT DEAD TIME LIMITS OF 5 PER CENT SHOULD NOT BE EXCEEDED. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO FULLY IMPLEMENT ER&C PROCEDURES 2201 AND 2206 IN THAT THE PROCEDURAL DEAD TIME LIMITS WERE EXCEEDED DURING THE RECALIBRATION OF GELI DETECTOR SYSTEM NO. 835 IN MARCH 1984. THIS RESULTED IN IMPROPERLY CALIBRATED SYSTEM FOR EFFLUENT MEASUREMENTS.

TECHNICAL SPECIFICATION 6.8.1.A REQUIRES THAT WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED COVERING THE APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX "A" OF REGULATORY GUIDE 1.33, NOVEMBER 1972 WHICH INCLUDES CHEMICAL AND RADIOCHEMICAL CONTROL. E&RC PROCEDURES 2201 "CALIBRATION/OPERATION OF ND 6600 MULTICHANNEL ANALYZER" AND 2206 "RADIOACTIVE STANDARDS PREPARATION FOR CALIBRATION OF THE ND 6600 MULTICHANNEL ANALYZER", IN PARAGRAPHS 2.0 AND 6.0 RESPECTIVELY, STATE THAT INSTRUMENT DEAD TIME LIMITS OF 5 PER CENT SHOULD NOT BE EXCEEDED. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO FULLY IMPLEMENT E&RC PROCEDURES 2201 AND 2206 IN THAT THE PROCEDURAL DEAD TIME LIMITS WERE EXCEEDED DURING THE RECALIBRATION OF GELI DETECTOR SYSTEM NO. 835 IN MARCH 1984. THIS RESULTED IN AN IMPROPERLY CALIBRATED SYSTEM FOR EFFLUENT MEASUREMENTS.

(8414 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

ROUTINE OPERATION.

LAST IE SITE INSPECTION DATE: MAY 21-25, 1984 +

INSPECTION REPORT NO: 50-325/84-14 +

REPORTS FROM LICENSEE

BRUNSWICK 1

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
80-065/ 3L-1	08/24/80	05/17/84	REACTOR COOLANT CONDUCTIVITY EXCEEDED THE SPECIFIED LIMIT AS A RESULT OF ORGANICS. THE ORGANICS WERE REMOVED.
84-005/ - -	05/01/84	05/30/84	TRAIN A OF THE CONTROL ROOM EMERGENCY AIR FILTRATION SYSTEM STARTED, DUE TO A FIRE ALARM SIGNAL CAUSED BY AN ELECTRICALLY SHORTED FIRE DETECTOR IN UNIT 2 CONTROL BUILDING CABLE SPREAD ROOM.

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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: 06/01/84 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	720.0	4,367.0	75,912.0
13. Hours Reactor Critical	.0	1,604.3	46,331.6
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	1,566.9	43,352.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	3,355,120	81,931,834
18. Gross Elec Ener (MWH)	0	1,110,430	27,220,128
19. Net Elec Ener (MWH)	-3,949	1,059,273	26,086,891
20. Unit Service Factor	.0	35.9	57.1
21. Unit Avail Factor	.0	35.9	57.1
22. Unit Cap Factor (MDC Net)	.0	30.7	43.5
23. Unit Cap Factor (DER Net)	.0	29.5	41.9
24. Unit Forced Outage Rate	.0	2.2	17.5
25. Forced Outage Hours	.0	35.5	9,638.9

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

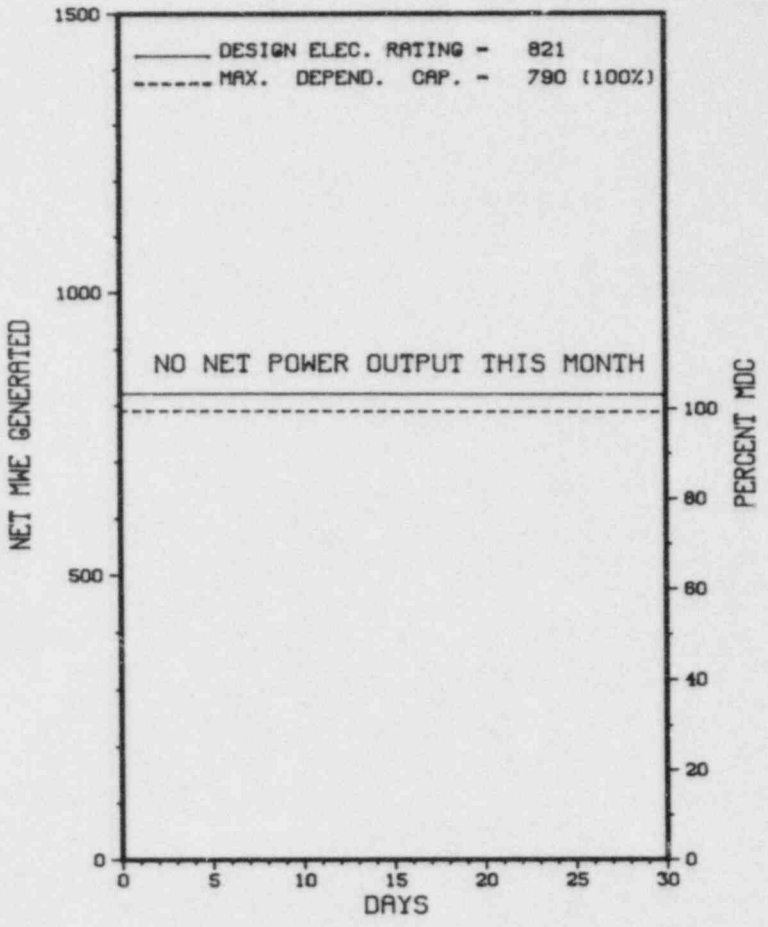
NONE

27. If Currently Shutdown Estimated Startup Date: 07/15/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

BRUNSWICK 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-020	03/13/84	S	720.0	C	4		RC	FUELXX	REFUELING/MAINTENANCE OUTAGE CONTINUES.

****
* SUMMARY *
****

BRUNSWICK 2 REMAINS SHUTDOWN IN A CONTINUING REFUELING/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 & License Examination	5-Reduced Load	Licensee Event Report
		9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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.....D. MYERS

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 7-10 (84-10): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 REGULAR HOURS AND 1 HOUR ON THE BACKSHIFT, IN THE AREAS OF NUREG-0737 ITEMS, EXTERNAL EXPOSURE CONTROL, INTERNAL EXPOSURE CONTROL, SURVEYS AND POSTING, LABELING AND CONTROL. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 15 - MAY 15 (84-12): THIS ROUTINE SAFETY INSPECTION INVOLVED 52 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE, MAINTENANCE, OPERATIONAL SAFETY VERIFICATIONS, ESF SYSTEM WALKDOWN, IN-OFFICE LICENSEE EVENT REPORTS REVIEW AND INDEPENDENT INSPECTION. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 37 INSPECTOR HOURS ON SITE IN THE AREAS OF QUALITY CONTROL AND CONFIRMATORY MEASUREMENTS INCLUDING: REVIEW OF THE LABORATORY QUALITY CONTROL PROGRAM; REVIEW OF CHEMISTRY AND RADIOCHEMISTRY PROCEDURES; REVIEW OF QUALITY CONTROL RECORDS AND LOGS; AND COMPARISON OF THE RESULTS OF SPLIT SAMPLES ANALYZED BY THE LICENSEE AND NRC RII MOBILE LABORATORY. VIOLATION - FAILURE TO FOLLOW PROCEDURES FOR CALIBRATION OF A GE(LI) DETECTOR SYSTEM.

ENFORCEMENT SUMMARY

NONE

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

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

REFUEL AND MAINTENANCE OUTAGE.

LAST IE SITE INSPECTION DATE: MAY 21-25, 1984 +

INSPECTION REPORT NO: 50-324/84-14 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-006/ - -	05/04/84	05/29/84	THE PROCEDURE USED FOR THE UNIT 2 REACTOR LEVEL DECREASING EVOLUTION DID NOT PROVIDE FOR JUMPERING THE REACTOR LL-2 SIGNAL.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	80,196.0
13. Hours Reactor Critical	720.0	3,604.9	63,571.8
14. Rx Reserve Shtdwn Hrs	.0	.0	1,887.9
15. Hrs Generator On-Line	720.0	3,573.1	62,319.0
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,907,006	9,482,206	153,624,501
18. Gross Elec Ener (MWH)	635,145	3,223,870	50,651,355
19. Net Elec Ener (MWH)	609,142	3,083,649	48,318,615
20. Unit Service Factor	100.0	81.8	77.7
21. Unit Avail Factor	100.0	81.8	77.7
22. Unit Cap Factor (MDC Net)	102.5	85.6	73.9*
23. Unit Cap Factor (DER Net)	100.1	83.6	71.3
24. Unit Forced Outage Rate	.0	18.2	8.2
25. Forced Outage Hours	.0	793.9	5,456.7

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

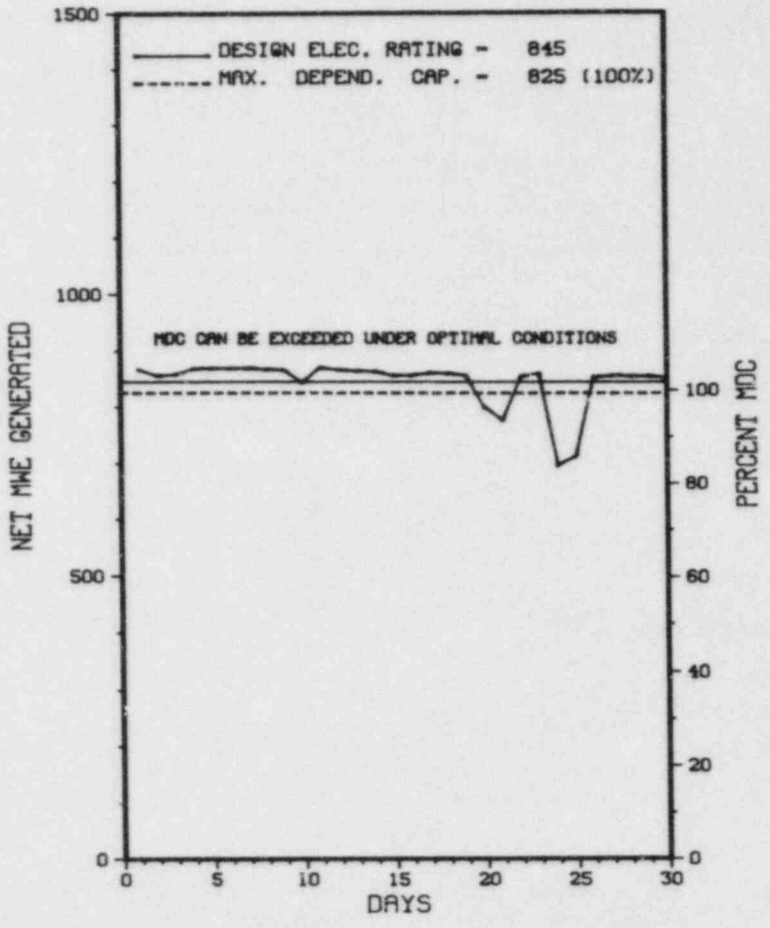
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CALVERT CLIFFS 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

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

****
* SUMMARY *
****

CALVERT CLIFFS 1 OPERATED AT FULL POWER DURING JUNE.

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

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

FACILITY DATA

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.

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: 06/01/84 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 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

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	63,551.0
13. Hours Reactor Critical	41.5	2,693.5	52,621.3
14. Rx Reserve Shtdwn Hrs	.0	.0	958.1
15. Hrs Generator On-Line	.0	2,612.0	51,727.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	6,881,107	128,722,800
18. Gross Elec Ener (MWH)	0	2,263,762	42,333,048
19. Net Elec Ener (MWH)	0	2,164,181	40,367,943
20. Unit Service Factor	.0	59.8	81.4
21. Unit Avail Factor	.0	59.8	81.4
22. Unit Cap Factor (MDC Net)	.0	60.1	77.5*
23. Unit Cap Factor (DER Net)	.0	58.6	75.2
24. Unit Forced Outage Rate	.0	1.6	5.6
25. Forced Outage Hours	.0	42.3	3,087.5

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

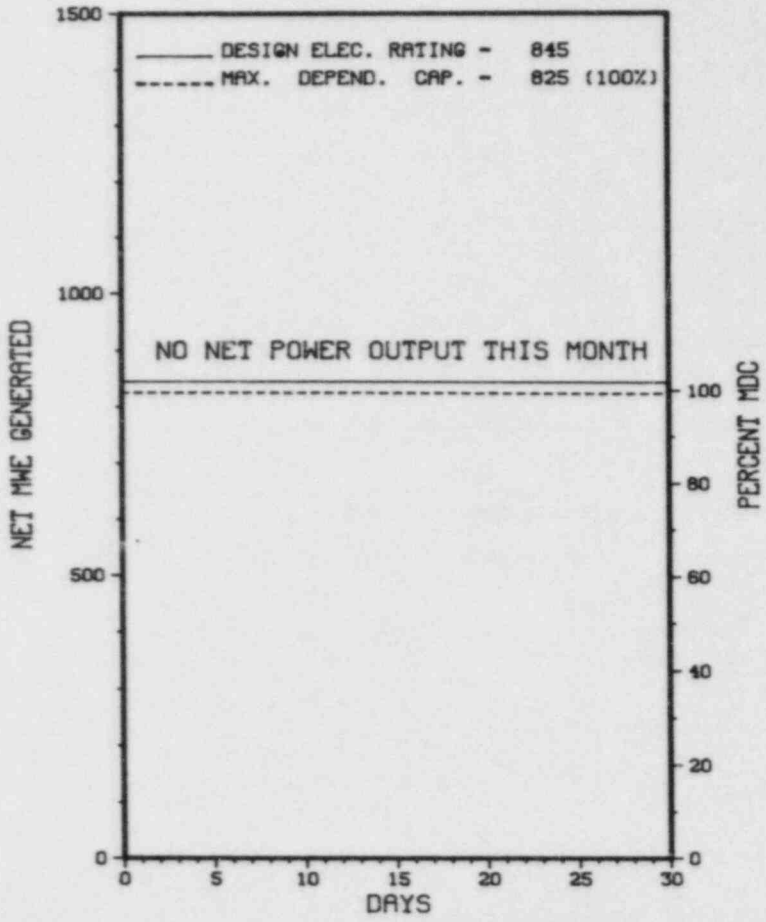
NONE

27. If Currently Shutdown Estimated Startup Date: 07/01/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CALVERT CLIFFS 2



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-05	04/21/84	S	720.0	C	4		RC	FUELXX	CONTINUATION OF REFUELING AND GENERAL INSPECTION.

****
* SUMMARY *
****

CALVERT CLIFFS 2 REMAINS SHUTDOWN IN AN ONGOING REFUELING/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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

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

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

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.

****
* 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.

REPORTS FROM LICENSEE

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

1. Docket: 50-315 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: W. T. GILLETT (616) 465-5901
4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	83,255.0
13. Hours Reactor Critical	606.2	4,007.1	61,625.3
14. Rx Reserve Shtdwn Hrs	.0	.0	463.0
15. Hrs Generator On-Line	598.4	3,975.6	60,319.3
16. Unit Reserve Shtdwn Hrs	.0	.0	321.0
17. Gross Therm Ener (MWH)	1,861,180	12,078,272	176,159,886
18. Gross Elec Ener (MWH)	607,910	3,969,190	57,895,480
19. Net Elec Ener (MWH)	585,850	3,822,362	55,702,702
20. Unit Service Factor	83.1	91.0	74.3
21. Unit Avail Factor	83.1	91.0	74.3
22. Unit Cap Factor (MDC Net)	79.8	85.8	67.3
23. Unit Cap Factor (DER Net)	79.0	85.0	64.5
24. Unit Forced Outage Rate	16.9	9.0	7.9
25. Forced Outage Hours	121.6	391.4	4,472.2

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

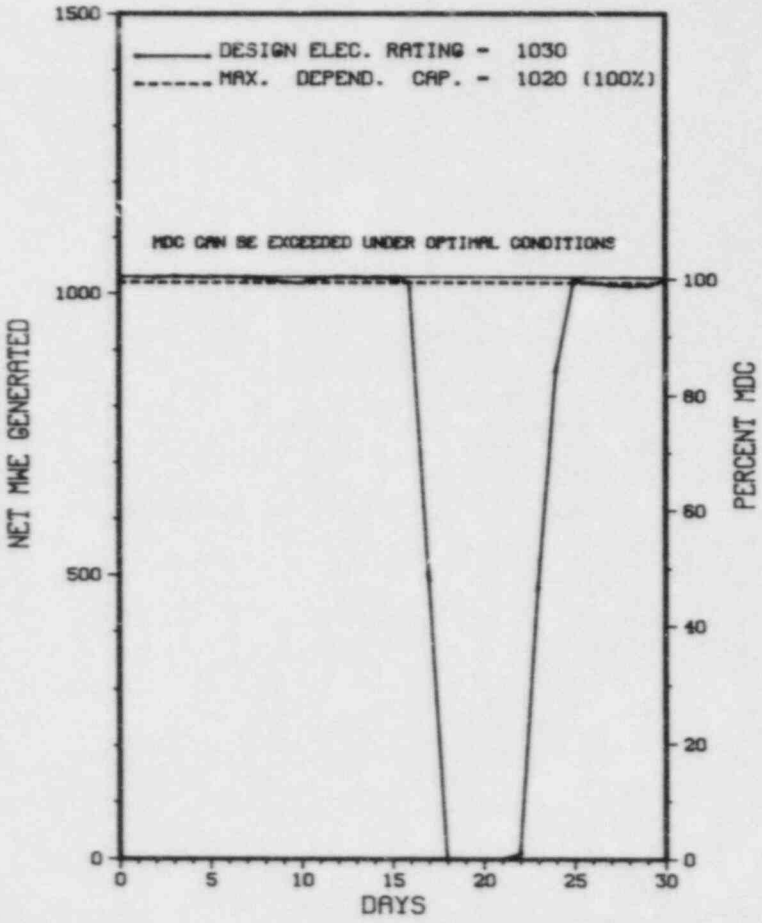
SEPTEMBER, 1984 - 3 WEEKS - SURVEILLANCE OUTAGE.

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

COOK 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
223	06/16/84	F	0.0	B	5		HH	HTEXCH	REACTOR POWER REDUCED TO 58% TO REMOVE THE WEST MAIN FEED PUMP FROM SERVICE TO CHECK THE FEED PUMP TURBINE CONDENSER FOR TUBE LEAKS. NO LEAKS WERE FOUND.
224	06/17/84	F	121.6	A	3	84-008-0	IA	INSTRU	DURING THE POWER ASCENSION FROM THE FEED PUMP OUTAGE A REACTOR TRIP OCCURRED FROM 68% POWER. THE CAUSE OF THE TRIP WAS THE FAILURE OF VITAL A.C. INSTRUMENT BUS, CRID IV. THE CRID FAILURE ALSO CAUSED SAFETY INJECTION ACTUATION ON TRAIN A.

****
* SUMMARY *
****

COOK 1 OPERATED WITH 1 OUTAGE AND 1 REDUCTION 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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.....E. SWANSON

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

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

UNITS 1 AND 2 TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT PROCEDURES BE IMPLEMENTED AND MAINTAINED TO CONTROL SURVEILLANCE AND TEST ACTIVITIES OF SAFETY RELATED EQUIPMENT. TECHNICAL SPECIFICATION 6.8.3 ALLOW TEMPORARY CHANGES TO THE PROCEDURES OF 6.8.1 PROVIDED: A. THE INTENT OF THE ORIGINAL PROCEDURE IS NOT ALTERED. B. THE CHANGE IS APPROVED BY TWO MEMBERS OF THE PLANT MANAGEMENT STAFF, AT LEAST ONE OF WHOM HOLDS A SENIOR REACTOR OPERATOR'S LICENSE ON THE UNIT AFFECTED. CONTRARY TO THE ABOVE, THE SURVEILLANCE PROCEDURES USED TO DEMONSTRATE OPERABILITY OF TWO RADIATION MONITORS (ERS-1400 AND ERS-2400) WHICH PROVIDE A CONTAINMENT VENTILATION ISOLATION (CVI) FUNCTION WERE IMPROPERLY CHANGED WHEN: A. PROCEDURE 1-THP 4030 STP.093 HAD A TEMPORARY CHANGE APPROVED WHICH DID NOT INCLUDE TESTING OF THREE OF THIRTEEN FUNCTIONS WHEN PERFORMED ON JULY 24, 1982. B. PROCEDURE 1-THP 4030 STP.193 HAD UNAUTHORIZED CHANGES MADE WHICH OMITTED TESTING THREE OF THIRTEEN CVI FUNCTIONS BY NOTING THAT TAGGING OF COMPONENTS INTERFACED. UNIT 2 TECHNICAL SPECIFICATION 3.7.10 REQUIRES ALL FIRE BARRIERS PROTECTING SAFETY RELATED AREAS BE FUNCTIONAL OR ESTABLISH A CONTINUOUS FIREWATCH ON AT LEAST ONE SIDE OF THE NON-FUNCTIONAL BARRIER. CONTRARY TO THE ABOVE FIRE BARRIER W-7975 LOCATED IN THE UNIT 2 BORON INJECTION TANK (BIT) ROOM, WAS NON-FUNCTIONAL FOR AN UNKNOWN PERIOD OF TIME WITHOUT A CONTINUOUS FIREWATCH BEING ESTABLISHED. UNITS 1 AND 2 TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT PROCEDURES BE IMPLEMENTED AND MAINTAINED TO CONTROL SURVEILLANCE AND TEST ACTIVITIES OF SAFETY RELATED EQUIPMENT. TECHNICAL SPECIFICATION 6.8.3 ALLOW TEMPORARY

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

ENFORCEMENT SUMMARY

CHANGES TO THE PROCEDURES OF 6.8.1 PROVIDED: A. THE INTENT OF THE ORIGINAL PROCEDURE IS NOT ALTERED. B. THE CHANGE IS APPROVED BY TWO MEMBERS OF THE PLANT MANAGEMENT STAFF, AT LEAST ONE OF WHOM HOLDS A SENIOR REACTOR OPERATOR'S LICENSE ON THE UNIT AFFECTED. CONTRARY TO THE ABOVE, THE SURVEILLANCE PROCEDURES USED TO DEMONSTRATE OPERABILITY OF TWO RADIATION MONITORS (ERS-140u AND ERS-2400) WHICH PROVIDE A CONTAINMENT VENTILATION ISOLATION (CVI) FUNCTION WERE IMPROPERLY CHANGED WHEN: A. PROCEDURE 1-THP 4030 STP.093 HAD A TEMPORARY CHANGE APPROVED WHICH DID NOT INCLUDE TESTING OF THREE OF THIRTEEN FUNCTIONS WHEN PERFORMED ON JULY 24, 1982. B. PROCEDURE 1-THP 4030 STP.193 HAD UNAUTHORIZED CHANGES MADE WHICH OMITTED TESTING THREE OF THIRTEEN CVI FUNCTIONS BY NOTING THAT TAGGING OF COMPONENTS INTERFACED.
(8406 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

UNIT IS OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: JUNE 4-8, 1984

INSPECTION REPORT NO: 84-08

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-05	05/04/84	05/31/84	TECHNICAL SPECIFICATION TIME PERIOD EXCEEDED.
84-06	05/10/84	06/07/84	BLOCKED FIRE DOOR NO. 230.
84-07	05/22/84	06/21/84	DISCOVERY OF ERROR IN DETECTOR CODE.

1. Docket: 50-316 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	56,951.0
13. Hours Reactor Critical	.0	1,636.8	39,422.0
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	1,628.0	38,428.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	5,405,184	123,858,152
18. Gross Elec Ener (MWH)	0	1,793,180	40,019,610
19. Net Elec Ener (MWH)	-3	1,731,606	38,584,959
20. Unit Service Factor	.0	37.3	70.3
21. Unit Avail Factor	.0	37.3	70.3
22. Unit Cap Factor (MDC Net)	.0	37.4	67.2
23. Unit Cap Factor (DER Net)	.0	36.0	66.0
24. Unit Forced Outage Rate	.0	1.9	13.4
25. Forced Outage Hours	.0	32.1	5,883.0

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

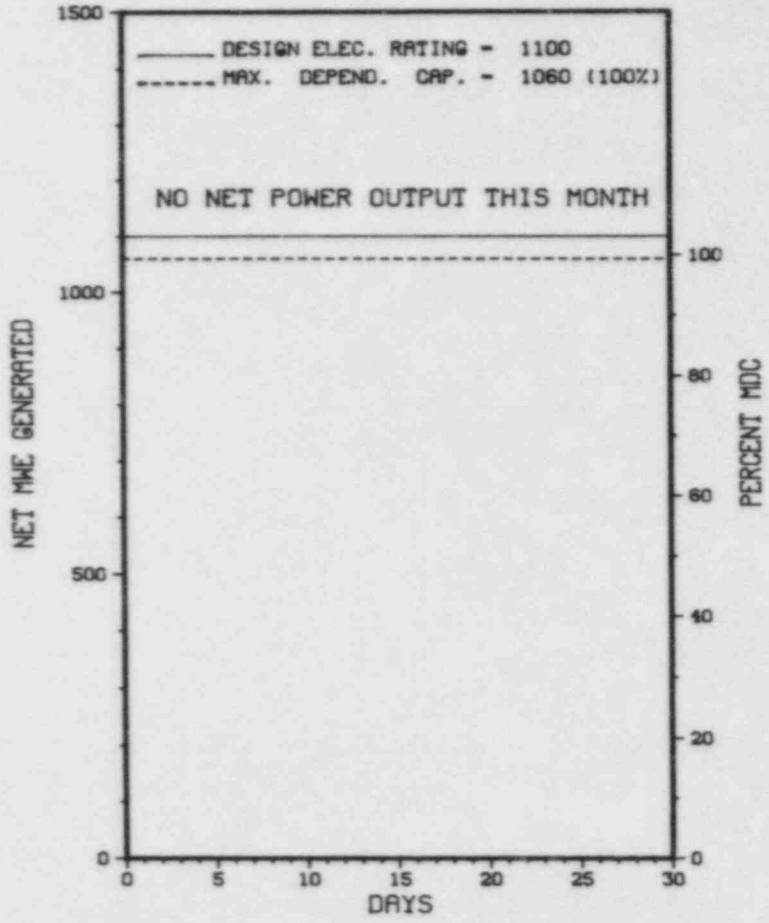
DEC. 1984 - 3 WEEKS - SURVEILLANCE OUTAGE.

27. If Currently Shutdown Estimated Startup Date: 07/10/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

COOK 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

COOK 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
147	03/10/84	S	720.0	B	4		ZZ	ZZZZZZ	THE UNIT WAS REMOVED FROM SERVICE ON 840310 FOR SCHEDULED CYCLE IV-V REFUELING/MAINTENANCE OUTAGE. THE REFUELING AND ALL OUTAGE WORK IS ESSENTIALLY COMPLETED. STEAM GENERATOR CREVICE FLUSHING HAS BEEN COMPLETED AND REACTOR COOLANT SYSTEM HEATUP IS PRESENTLY IN PROGRESS.

SUMMARY

COOK 2 REMAINS SHUTDOWN IN A CONTINUING 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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.....E. SWANSON

LICENSING PROJ MANAGER.....D. WIGGINTON
DOCKET NUMBER.....50-316

LICENSE & DATE ISSUANCE....DPR-74, DECEMBER 23, 1977

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500 MARKET STREET
ST. JOSEPH, MICHIGAN 49085

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

INSPECTION STATUS - (CONTINUED)

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

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS IN HEATUP TESTING. STARTUP SCHEDULED ON 7/4/84.

LAST IE SITE INSPECTION DATE: MAY 29 - JULY 15, 1984

INSPECTION REPORT NO: 84-13

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-12	05/08/84	06/07/84	UNPLANNED SAFETY INJECTION.
84-13	05/16/84	06/14/84	AB BATTERY BELOW 80% CAP. REQUIREMENT DURING THE 60 MONTH CAPACITY TEST.
84-14	05/21/84	06/21/84	LOSS OF RESIDUAL HEAT REMOVAL PUMPS.

1. Docket: 50-298 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: P. L. BALLINGER (402) 825-3811

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	87,672.0
13. Hours Reactor Critical	720.0	4,144.0	71,147.0
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	720.0	4,102.8	70,021.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,246,296	7,543,527	138,056,685
18. Gross Elec Ener (MWH)	406,497	2,509,878	43,916,233
19. Net Elec Ener (MWH)	391,512	2,405,942	42,322,601
20. Unit Service Factor	100.0	94.0	79.9
21. Unit Avail Factor	100.0	94.0	79.9
22. Unit Cap Factor (MDC Net)	71.2	72.1	63.2
23. Unit Cap Factor (DER Net)	69.9	70.8	62.0
24. Unit Forced Outage Rate	.0	2.0	3.7
25. Forced Outage Hours	.0	84.9	2,042.2

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

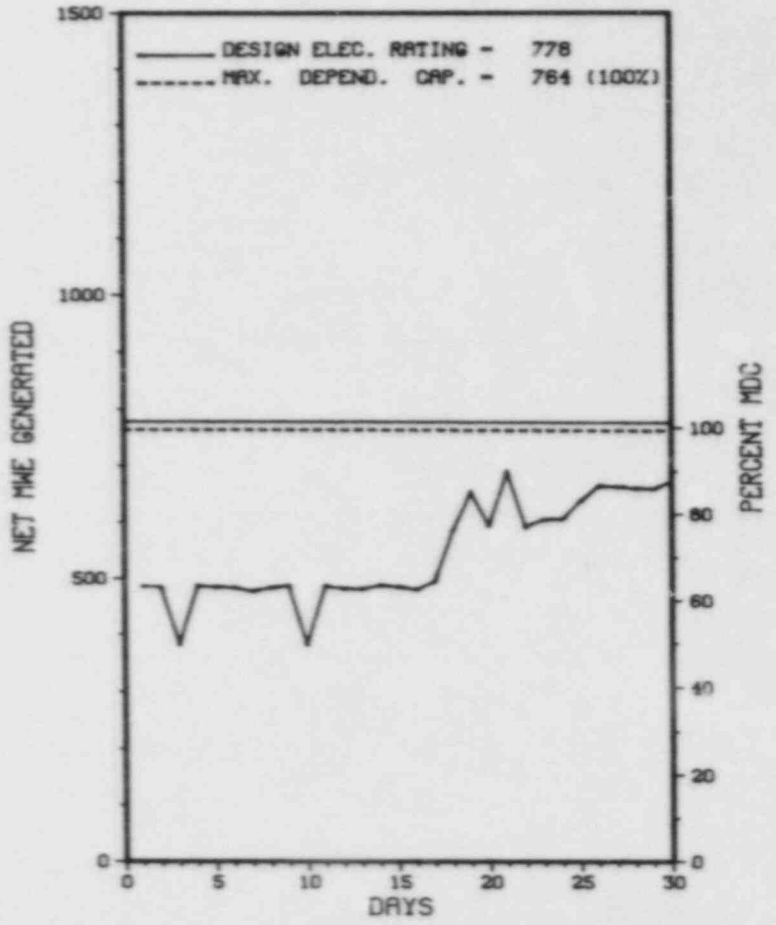
REFUELING & MAINTENANCE, SEPT 24, 1984, 7 MONTHS.

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

COOPER STATION



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

COOPER STATION

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

SUMMARY

COOPER STATION OPERATED ROUTINELY WITH NO REPORTED REDUCTIONS 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)

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

FACILITY DATA

Report Period JUN 1984

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 MAY 14-17,1984 (8408): ROUTINE, ANNOUNCED INSPECTION OF EMERGENCY PROCEDURES, ANNUAL EMERGENCY EXERCISE, AND COORDINATED MEETING WITH THE LICENSEE, THE FEDERAL EMERGENCY MANAGEMENT AGENCY, AND STATE AND LOCAL AGENCIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION CONDUCTED APRIL 1-30, 1984 (8410): ROUTINE, ANNOUNCED INSPECTION OF OPERATIONAL SAFETY VERIFICATIONS, MONTHLY SURVEILLANCE AND MAINTENANCE OBSERVATIONS, LICENSEE EVENT FOLLOWUP, PLANT TRIPS - SAFETY SYSTEM CHALLENGES, DECLARATION OF UNUSUAL EVENT, INDEPENDENT INSPECTION EFFORT, AND FOLLOWUP OF PREVIOUSLY IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

CONTRARY TO CNS TECHNICAL SPECIFICATION, SECTION 3.10.A.2, THE LICENSEE LOADED FUEL INTO THE REACTOR CORE WITH CONTROL RODS NOT FULLY INSERTED.
(8331 4)

OTHER ITEMS

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

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

ROUTINE POWER OPERATION

LAST IE SITE INSPECTION DATE: MAY 14-17, 1984

INSPECTION REPORT NO: 50-298/8408

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: 50-302 OPERATING STATUS
2. Reporting Period: 06/01/84 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	720.0	4,367.0	64,007.0
13. Hours Reactor Critical	720.0	4,061.1	41,631.1
14. Rx Reserve Shtdwn Hrs	.0	.0	1,275.5
15. Hrs Generator On-Line	720.0	4,022.6	40,641.7
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,745,267	9,650,175	91,614,510
18. Gross Elec Ener (MWH)	595,526	3,337,607	31,264,343
19. Net Elec Ener (MWH)	567,690	3,181,773	29,698,856
20. Unit Service Factor	100.0	92.1	63.5
21. Unit Avail Factor	100.0	92.1	63.5
22. Unit Cap Factor (MDC Net)	96.0	88.7	56.5
23. Unit Cap Factor (DER Net)	95.6	88.3	56.2
24. Unit Forced Outage Rate	.0	1.8	22.3
25. Forced Outage Hours	.0	73.9	11,689.2

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

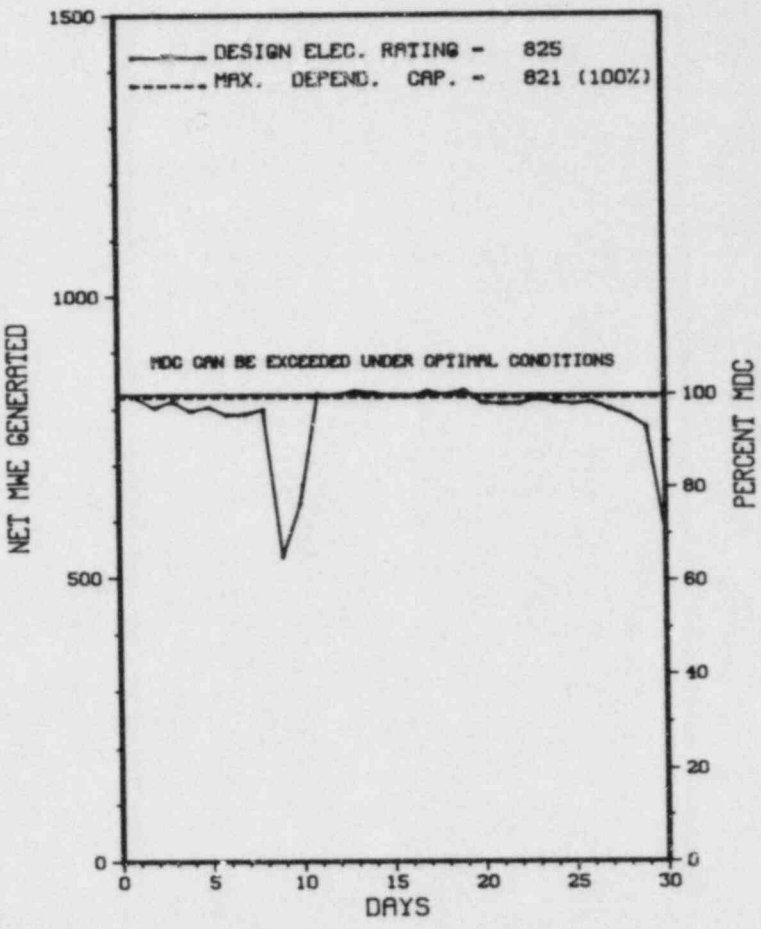
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

CRYSTAL RIVER 3



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-24	06/08/84	S	0.0	B	5		HC	HTEXCH	REDUCED POWER TO CLEAN WATERBOXES.
84-25	06/29/84	S	0.0	B	5		HC	HTEXCH	REDUCED POWER TO CLEAN WATERBOXES.

****
* SUMMARY *
****

CRYSTAL RIVER 3 OPERATED WITH 2 REDUCTIONS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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 MARCH 28 - APRIL 27 (84-12): THIS ROUTINE INSPECTION INVOLVED 121 INSPECTOR HOURS ON SITE BY TWO RESIDENT INSPECTORS IN THE AREAS OF PLANT OPERATIONS, SECURITY, RADIOLOGICAL CONTROLS, EMERGENCY PREPAREDNESS, PLANT REVIEW COMMITTEE ACTIVITIES, LICENSE EVENT REPORTS AND NONCONFORMING OPERATIONS REPORTS, 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. ONE VIOLATION WAS IDENTIFIED (FAILURE TO CONDUCT ADEQUATE INSPECTIONS SUBSEQUENT TO PLANT MAINTENANCE AND/OR MODIFICATION ACTIVITIES).

INSPECTION APRIL 24-26 (84-13): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 176 INSPECTOR HOURS ON SITE IN THE AREA OF AN EMERGENCY PREPAREDNESS EXERCISE. IN THE AREA INSPECTED, ONE VIOLATION WAS IDENTIFIED; NO DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 7-31 (84-16): THIS ROUTINE INSPECTION INVOLVED 124 INSPECTOR HOURS ON SITE BY ONE RESIDENT INSPECTOR AND ONE REGIONAL BASED INSPECTOR IN THE AREAS OF PLANT OPERATIONS, SECURITY, RADIOLOGICAL CONTROLS, LICENSEE EVENT REPORTS AND NONCONFORMING OPERATIONS REPORTS, 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. ONE VIOLATION WAS IDENTIFIED (FAILURE TO FOLLOW SURVEILLANCE AND ADMINISTRATIVE PROCEDURES).

INSPECTION MAY 15-18 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 28 INSPECTOR HOURS ON SITE DURING REGULAR HOURS INSPECTING; RADIATION PROTECTION PROGRAM INCLUDING INSTRUMENTS AND EQUIPMENT USED FOR RADIATION PROTECTION OF PERSONNEL; POSTING, LABELING AND CONTROL OF RADIOLOGICAL AREAS; RADIATION WORK PERMIT CONTROLS; SHIPMENTS OF RADIOACTIVE MATERIAL, 10 CFR 61 REQUIREMENTS, RADWASTE VOLUME REDUCTION PROGRAM; ALARA PROGRAM; GENERAL EMPLOYEE TRAINING (GET); AND PREVIOUSLY IDENTIFIED

INSPECTION SUMMARY

INSPECTOR FOLLOWUP ITEMS. VIOLATION - FAILURE TO USE PROPER LOCKING DEVICE FOR HIGH RADIATION AREA CONTROL.

ENFORCEMENT SUMMARY

CONTRARY TO 10 CFR PART 50, APPENDIX B, CRITERION 10 AS IMPLEMENTED BY THE LICENSEE'S QUALITY PROGRAM, APPROPRIATE INSPECTIONS WERE NOT CONDUCTED SUBSEQUENT TO PLANT MAINTENANCE AND/OR MODIFICATIONS.
(8412 4)

10 CFR 50.47(B)(10) REQUIRES THAT GUIDELINES DEVELOPED FOR THE CHOICE OF PROTECTIVE ACTIONS DURING AN EMERGENCY BE CONSISTENT WITH FEDERAL GUIDANCE. THE FEDERAL GUIDANCE ESTABLISHED IN NUREG-0654, REVISION 1, PROVIDES THAT EACH LICENSEEESTABLISH MECHANISMS FOR RECOMMENDING PROTECTIVE ACTIONS TO THE APPROPRIATE STATE AND LOCAL AUTHORITIES, INCLUDING EMERGENCY ACTION LEVELS (EALS) CORRESPONDING TO PROTECTIVE DOSE TO THE POPULATION-AT-RISK IN ACCORDANCE WITH TABLES 2.1 AND 2.2 OF EPA-520/1-75-001, MANUAL OF PROTECTIVE ACTION GUIDES AND PROTECTIVE ACTIONS FOR NUCLEAR INCIDENTS. EPA-520/1-75-001 SPECIFIES THE USE OF THE CHILD THYROID FOR DOSE ASSESSMENT PURPOSES. CONTRARY TO 10 CFR 50.47(B)(10), THE LICENSEE EMERGENCY PROCEDURE EM204B FAILED TO CLEARLY SPECIFY THE USE OF THE CHILD THYROID DOSE IN MAKING DOSE PROJECTIONS.
(8413 5)

TECHNICAL SPECIFICATION 4.0.5 AND 10 CFR 50.55A(G) REQUIRE THAT THE LICENSEE COMPLY WITH THE ASME BOILER AND PRESSURE VESSEL CODE, SECTION XI, 1974 EDITION WITH ADDENDA THROUGH SUMMER 1975, FOR TESTING PUMPS AND VALVES. SUBSECTION IWP-6210 AND IWV-6210 OF THIS CODE REQUIRE THE LCIENSEE TO MAINTAIN SUMMARY LISTINGS OF PUMPS AND VALVES TO DISPLAY THE CURRENT STATUS OF THE TEST PROGRAM. FOR PUMPS, THE CODE STATES THAT WHEN ALL QUANTITIES MEASURED DURING A TEST ARE WITHIN THE ACCEPTABLE RANGE OF TABLE IWP-3100-2 ONLY THE DATE OF EACH SUCCESSFUL TEST SHALL BE LISTED. CONTRARY TO THE ABOVE, THE LICENSEE DID NOT MAINTAIN THE SUMMARY STATUS LISTINGS REQUIRED BY THE CODE.
(8414 5)

10 CFR 20.203(C)(3) REQUIRES IN PART THAT EACH ENTRANCE OR ACCESS POINT TO A HIGH RADIATION AREA SHALL BE ESTABLISHED IN SUCH A WAY THAT NO INDIVIDUAL WILL BE PREVENTED FROM LEAVING A HIGH RADIATION AREA. CONTRARY TO THE ABOVE, ON MAY 16, 1984, THE INSPECTOR OBSERVED THE USE OF A CHAIN AND PAD LOCK TO CONTROL THE ACCESS TO CONTAINMENT WHICH IS A HIGH RADIATION AREA. THIS TYPE OF LOCKING DEVICE IF LOCKED WHILE INDIVIDUALS WERE INSIDE THE HIGH RADIATION AREA WOULD PREVENT INDIVIDUALS FROM LEAVING THE HIGH RADIATION AREA.
(8417 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

OTHER ITEMS

NORMAL OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 7-31, 1984 +

INSPECTION REPORT NO: 50-302/84-16 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-008/ - -	04/24/84	05/24/84	A LOW PRESSURE BISTABLE IN CHANNEL 2 INADVERTENTLY ACTUATED COMPLETING THE REQUIRED TWO OUT OF THREE ACTUATION LOGIC.
84-009/ - -	04/25/84	05/24/84	IT WAS NOTED THAT THE ENGINEERED SAFEGUARDS MONTHLY FUNCTIONAL TESTS SURVEILLANCE HAD NOT BEEN PERFORMED.
84-010/ - -	04/26/84	05/26/84	"Y" NON-NUCLEAR INSTRUMENTATION POWER SUPPLY FAILED THUS CAUSING ERRONEOUS SIGNALS TO BE SENT TO INTEGRATED CONTROL SYSTEM NNI-Y +24 VDC POWER SUPPLY FAILED DUE TO FAILURE OF A CAPACITOR.
84-011/ - -	05/12/84	06/11/84	DISCHARGE CHECK VALVE ON ONE OF THE REQUIRED NUCLEAR SERVICES SEAWATER PUMPS WAS FOUND STUCK OPEN DUE TO CORROSION, ENGINEERING IS INVESTIGATING METHODS TO MINIMIZE THE CORROSION.

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1. Docket: 50-346 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: BILAL SARSOUR (419) 259-5000 X384
4. Licensed Thermal Power (MWt): 2772
5. Nameplate Rating (Gross MWe): 1069 X 0.9 = 962
6. Design Electrical Rating (Net MWe): 906
7. Maximum Dependable Capacity (Gross MWe): 918
8. Maximum Dependable Capacity (Net MWe): 874
9. If Changes Occur Above Since Last Report, Give Reasons:

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	720.0	4,367.0	51,888.0
13. Hours Reactor Critical	705.6	3,788.4	31,290.8
14. Rx Reserve Shtdwn Hrs	.0	134.8	4,014.1
15. Hrs Generator On-Line	702.8	3,748.9	29,900.7
16. Unit Reserve Shtdwn Hrs	.0	.0	1,732.7
17. Gross Therm Ener (MWH)	1,804,239	9,656,539	70,700,353
18. Gross Elec Ener (MWH)	586,349	3,170,548	23,462,741
19. Net Elec Ener (MWH)	554,780	2,988,070	21,986,769
20. Unit Service Factor	97.6	85.8	57.6
21. Unit Avail Factor	97.6	85.8	61.0
22. Unit Cap Factor (MDC Net)	88.2	78.3	48.5
23. Unit Cap Factor (DER Net)	85.0	75.5	46.8
24. Unit Forced Outage Rate	2.4	14.2	18.0
25. Forced Outage Hours	17.2	618.1	7,202.1

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

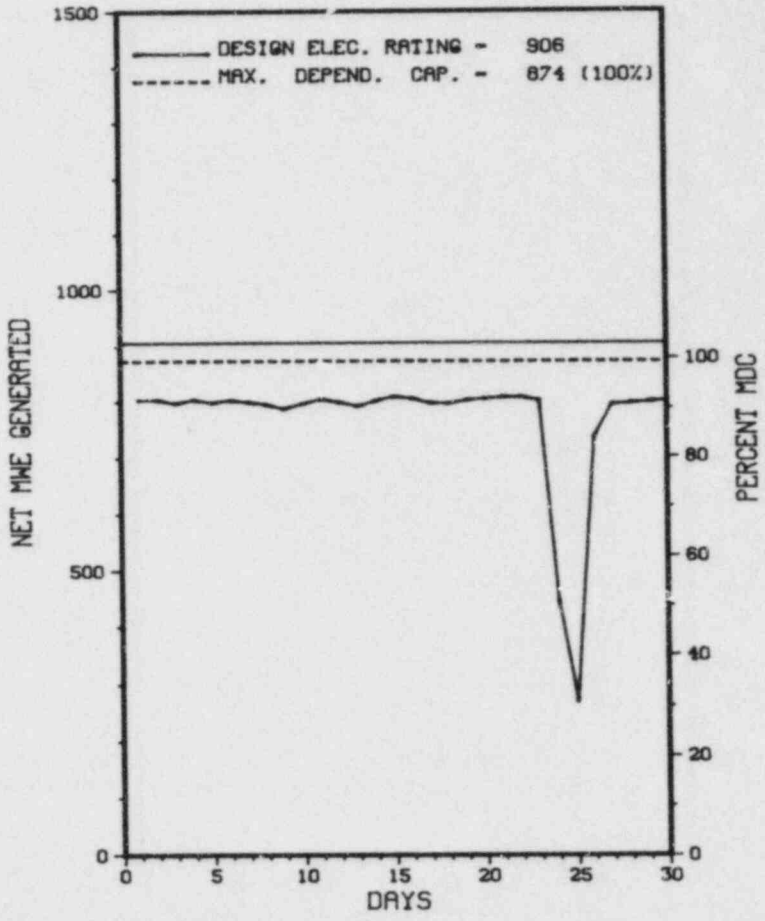
REFUELING - 09/01/84 THRU 11/09/84

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

****
* DAVIS-BESSE 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DAVIS-BESSE 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

DAVIS-BESSE 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	06/24/84	F	17.2	H	4				THE CONTROL ROD DRIVES WERE DEENERGIZED DURING THE PERFORMANCE OF SURVEILLANCE TESTING OF THE REACTOR PROTECTION SYSTEM. SEE LICENSEE EVENT REPORT NP-33-84-10 FOR FURTHER DETAILS.

SUMMARY

DAVIS-BESSE 1 OPERATED WITH 1 OUTAGE AND NO REDUCTIONS 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 & License Examination	5-Reduced Load	Licensee Event Report
		9-Other	(LER) File (NUREG-0161)

****
* DAVIS-BESSE 1 *
****

FACILITY DATA

Report Period JUN 1984

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

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GOVERNMENT DOCUMENTS COLLECTION
2801 WEST BANCROFT AVENUE
TOLEDO, OHIO 43606

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

OTHER ITEMS

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JUNE 7-8, 1984

INSPECTION REPORT NO: 84-10

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-05	05/07/84	06/06/84	INOP. CONTROL ROOM EMG. VENTILATION SYSTEMS.
84-06	05/15/84	06/14/84	UNIDENTIFIED REACTOR COOLANT SYSTEM LEAKAGE IN EXCESS OF 1 GPM.
84-07	05/17/84	06/22/84	HI NOISE LEVEL IN DIESEL FIRE PUMP RIGHT ANGLE DRIVE.

1. Docket: 50-237 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: BEN SCHROEDER (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	720.0	4,367.0	123,887.3
13. Hours Reactor Critical	555.4	4,202.4	96,427.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	495.3	4,120.4	92,021.3
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,184,810	9,858,496	186,596,092
18. Gross Elec Ener (MWH)	378,824	3,206,017	59,709,184
19. Net Elec Ener (MWH)	355,303	3,044,082	56,441,526
20. Unit Service Factor	68.8	94.4	74.3
21. Unit Avail Factor	68.8	94.4	74.3
22. Unit Cap Factor (MDC Net)	63.9	90.3	59.0
23. Unit Cap Factor (DER Net)	62.2	87.8	57.4
24. Unit Forced Outage Rate	31.2	5.6	11.7
25. Forced Outage Hours	224.7	246.6	4,666.8

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

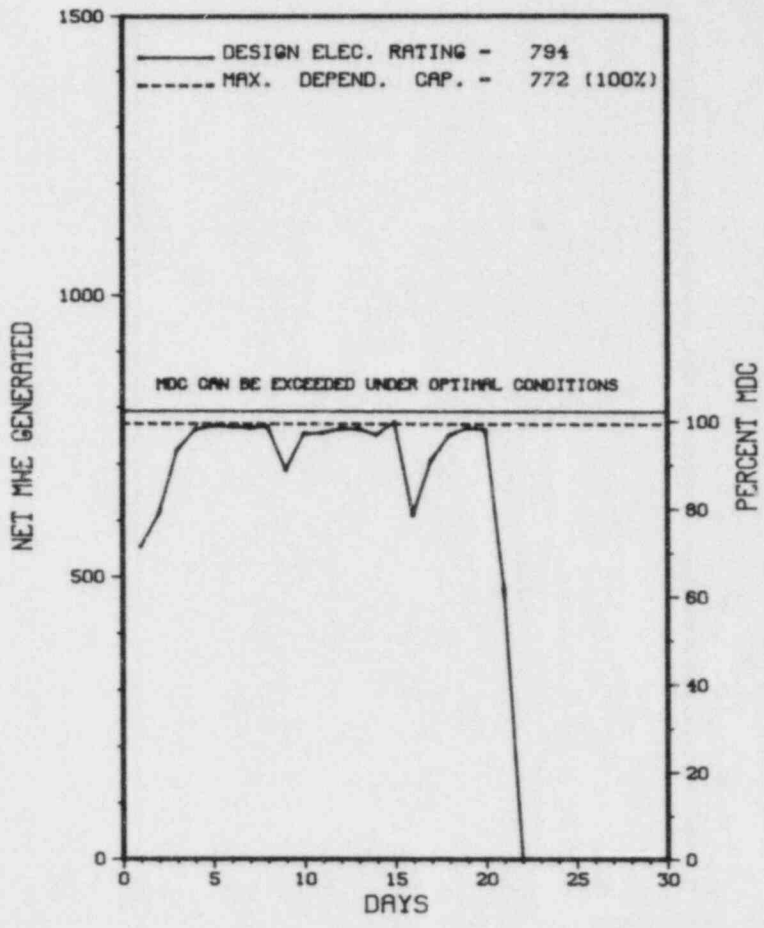
SEPTEMBER 3, 1984 - REFUELING

27. If Currently Shutdown Estimated Startup Date: 07/01/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DRESDEN 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
2	06/21/84	F	224.7	A	3				2A FEED REGULATOR (VALVE) OPERATOR STEM BECAME SEPARATED FROM THE VALVE STEM. REACTOR SCRAMMED ON LOW WATER LEVEL. VALVE REPAIRED.

****
* SUMMARY *
****

DRESDEN 2 SHUTDOWN ON JUNE 21ST FOR EQUIPMENT REPAIR.

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 & License Examination	5-Reduced Load	Licensee Event Report
		9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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

INSPECTION DURING THE PERIOD OF MARCH 27 THROUGH MAY 21, (84-06): ROUTINE UNANNOUNCED RESIDENT INSPECTION OF ACTION ON PREVIOUS INSPECTION FINDINGS, REGIONAL REQUESTS, 10 CFR 21 NOTIFICATIONS, OPERATIONAL SAFETY, EVENTS, FIRE PROTECTION PROGRAM, SURVEILLANCE, MAINTENANCE, IE BULLETINS, LICENSEE EVENT REPORTS, SPENT FUEL SHIPMENTS, THREE MILE ISLAND MODIFICATIONS, REGULATORY PERFORMANCE IMPROVEMENT PLAN, UNIT 1 CHEMICAL CLEANING, INDEPENDENT INSPECTION, REPORT REVIEW, AND MEETING WITH LOCAL MUNICIPAL OFFICIALS. THE INSPECTION INVOLVED A TOTAL OF 398 INSPECTOR-HOURS ONSITE BY 4 NRC INSPECTORS INCLUDING 78 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. OF THE 16 AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 15-23, (84-07): ROUTINE, UNANNOUNCED INSPECTION OF RADIATION PROTECTION PROGRAM, INCLUDING: QUALIFICATIONS, TRAINING, EXPOSURE CONTROL, POSTING AND CONTROL, SURVEYS, LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, STATUS OF TMI ACTION ITEMS, AND THE CIRCUMSTANCES SURROUNDING THE RELEASE OF CONTAMINATED MATERIAL TO AN OFFSITE LOCATION. THE INSPECTION INVOLVED 113 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS. TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED (FAILURE TO MAKE ADEQUATE SURVEYS; AND TRANSFER OF RADIOACTIVE MATERIAL TO AN UNAUTHORIZED RECIPIENT).

INSPECTION ON MAY 7-11, (84-09): INCLUDED A REVIEW OF SECURITY ORGANIZATION (PERSONNEL AND RESPONSE); SECURITY PROGRAM AUDIT; TESTING AND MAINTENANCE; PHYSICAL BARRIERS (PROTECTED AND VITAL AREAS); SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; ACCESS CONTROL (PERSONNEL/PACKAGES/VEHICLES); DETECTION AIDS (PROTECTED AND VITAL); ALARM STATIONS; COMMUNICATIONS; AND PREVIOUS ITEMS OF NONCOMPLIANCE. THE INSPECTION INVOLVED 96 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. THE INSPECTION BEGAN DURING THE DAYSHIFT; 12 OF THE 96 HOURS WERE ACCOMPLISHED DURING THE OFF-SHIFT PERIODS. THE LICENSEE WAS FOUND TO BE INCOMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION. THE PREVIOUSLY IDENTIFIED ITEM OF NONCOMPLIANCE FROM THE MAY 1983

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

INSPECTION SUMMARY

INSPECTION WAS SATISFACTORILY CORRECTED.

ENFORCEMENT SUMMARY

10 CFR 20.201(B) REQUIRES THAT EACH LICENSEE MAKE OR CAUSE TO BE MADE SUCH SURVEYS AS MAY BE NECESSARY FOR THE LICENSEE TO COMPLY WITH THE REGULATIONS IN THIS PART, AND ARE REASONABLE UNDER THE CIRCUMSTANCES TO EVALUATE THE EXTENT OF RADIATION HAZARDS THAT MAY BE PRESENT. CONTRARY TO THE ABOVE, SURVEYS AND EVALUATIONS TO ASSURE COMPLIANCE WITH 10 CFR 20.301 WERE NOT PERFORMED OF POTENTIALLY CONTAMINATED RUGS TO ENSURE LICENSED MATERIAL WAS TRANSFERRED ONLY TO AUTHORIZED RECIPIENTS. 10 CFR 30.41(A) "TRANSFER OF BYPRODUCT MATERIAL" STATES THAT NO LICENSEE SHALL TRANSFER BYPRODUCT MATERIAL EXCEPT AS AUTHORIZED PURSUANT TO 10 CFR 30.41. CONTRARY TO THE ABOVE, LOW LEVELS OF RADIOACTIVE MATERIAL FOUND ON RUGS WERE TRANSFERRED TO AN OFF-SITE RUG CLEANING FACILITY THAT WAS NOT AUTHORIZED TO POSSESS THE MATERIAL.
(8407 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: JUNE 4-5, 1984

INSPECTION REPORT NO: 84-10

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
84-08	05/30/84	06/25/84	CARDOX SYSTEM MASTER VALVE OPERABILITY.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: BEN SCHROEDER (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	720.0	4,367.0	113,472.0
13. Hours Reactor Critical	.0	326.1	83,161.2
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	0	79,862.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	159,963,004
18. Gross Elec Ener (MWH)	0	0	51,952,909
19. Net Elec Ener (MWH)	-7,452	-29,853	49,200,730
20. Unit Service Factor	.0	0	70.4
21. Unit Avail Factor	.0	.0	70.4
22. Unit Cap Factor (MDC Net)	.0	.0	56.1
23. Unit Cap Factor (DER Net)	.0	.0	54.6
24. Unit Forced Outage Rate	.0	.0	12.6
25. Forced Outage Hours	.0	.0	6,415.2

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

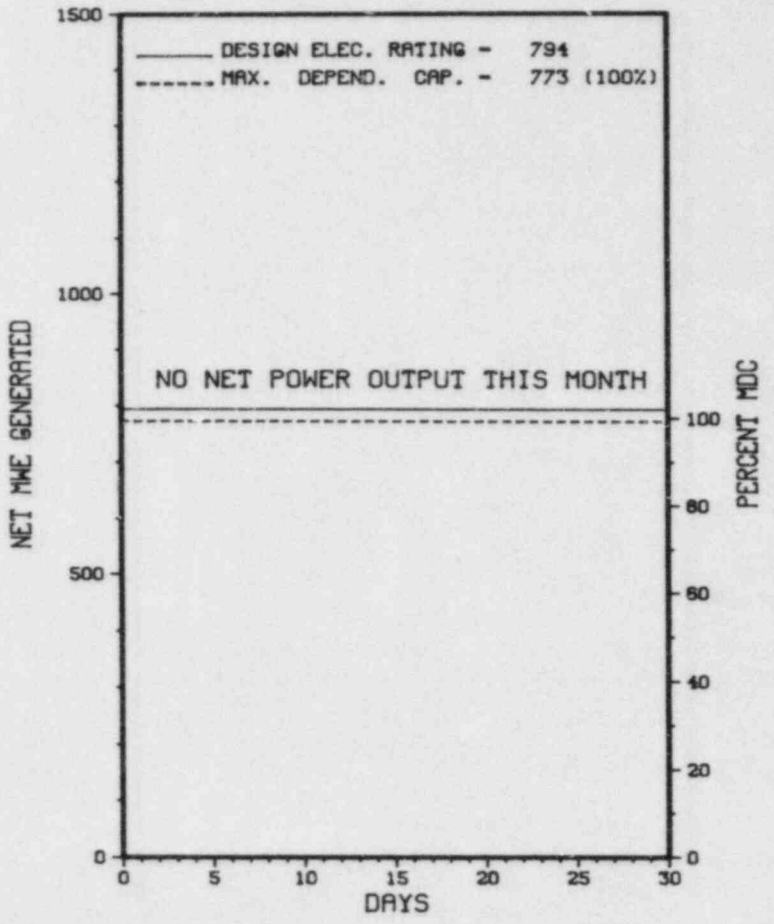
NONE

27. If Currently Shutdown Estimated Startup Date: 07/20/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DRESDEN 3



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
8	09/30/83	S	720.0	A	4				MAIN TURBINE REPAIR CONTINUES.

****
* SUMMARY *
****

DRESDEN 3 REMAINS SHUTDOWN IN A CONTINUING EQUIPMENT REPAIR.

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 & License Examination		5-Reduced load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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

INSPECTION DURING THE PERIOD OF MARCH 27 THROUGH MAY 21, (84-05): ROUTINE UNANNOUNCED RESIDENT INSPECTION OF ACTION ON PREVIOUS INSPECTION FINDINGS, REGIONAL REQUESTS, 10 CFR 21 NOTIFICATIONS, OPERATIONAL SAFETY, EVENTS, FIRE PROTECTION PROGRAM, SURVEILLANCE, MAINTENANCE, IE BULLETINS, LICENSEE EVENT REPORTS, SPENT FUEL SHIPMENTS, THREE MILE ISLAND MODIFICATIONS, REGULATORY PERFORMANCE IMPROVEMENT PLAN, UNIT 1 CHEMICAL CLEANING, INDEPENDENT INSPECTION, REPORT REVIEW, AND MEETING WITH LOCAL MUNICIPAL OFFICIALS. THE INSPECTION INVOLVED A TOTAL OF 398 INSPECTOR-HOURS ONSITE BY 4 NRC INSPECTORS INCLUDING 78 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. OF THE 16 AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 15-23, (84-06): ROUTINE, UNANNOUNCED INSPECTION OF RADIATION PROTECTION PROGRAM, INCLUDING: QUALIFICATIONS, TRAINING, EXPOSURE CONTROL, POSTING AND CONTROL, SURVEYS, LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, STATUS OF TMI ACTION ITEMS, AND THE CIRCUMSTANCES SURROUNDING THE RELEASE OF CONTAMINATED MATERIAL TO AN OFFSITE LOCATION. THE INSPECTION INVOLVED 113 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS. TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED (FAILURE TO MAKE ADEQUATE SURVEYS; AND TRANSFER OF RADIOACTIVE MATERIAL TO AN UNAUTHORIZED RECIPIENT).

INSPECTION ON MAY 7-11, (84-08): INCLUDED A REVIEW OF SECURITY ORGANIZATION (PERSONNEL AND RESPONSE); SECURITY PROGRAM AUDIT; TESTING AND MAINTENANCE; PHYSICAL BARRIERS (PROTECTED AND VITAL AREAS); SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; ACCESS CONTROL (PERSONNEL/PACKAGES/VEHICLES); DETECTION AIDS (PROTECTED AND VITAL); ALARM STATIONS; COMMUNICATIONS; AND PREVIOUS ITEMS OF NONCOMPLIANCE. THE INSPECTION INVOLVED 96 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. THE INSPECTION BEGAN DURING THE DAYSHIFT; 12 OF THE 96 HOURS WERE ACCOMPLISHED DURING THE OFF-SHIFT PERIODS. THE LICENSEE WAS FOUND TO BE INCOMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION. THE PREVIOUSLY IDENTIFIED ITEM OF NONCOMPLIANCE FROM THE MAY 1983

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

INSPECTION SUMMARY

INSPECTION WAS SATISFACTORILY CORRECTED.

ENFORCEMENT SUMMARY

10 CFR 20.201(B) REQUIRES THAT EACH LICENSEE MAKE OR CAUSE TO BE MADE SUCH SURVEYS AS MAY BE NECESSARY FOR THE LICENSEE TO COMPLY WITH THE REGULATIONS IN THIS PART, AND ARE REASONABLE UNDER THE CIRCUMSTANCES TO EVALUATE THE EXTENT OF RADIATION HAZARDS THAT MAY BE PRESENT. CONTRARY TO THE ABOVE, SURVEYS AND EVALUATIONS TO ASSURE COMPLIANCE WITH 10 CFR 20.301 WERE NOT PERFORMED OF POTENTIALLY CONTAMINATED RUGS TO ENSURE LICENSED MATERIAL WAS TRANSFERRED ONLY TO AUTHORIZED RECIPIENTS. 10 CFR 30.41(A) "TRANSFER OF BYPRODUCT MATERIAL" STATES THAT NO LICENSEE SHALL TRANSFER BYPRODUCT MATERIAL EXCEPT AS AUTHORIZED PURSUANT TO 10 CFR 30.41. CONTRARY TO THE ABOVE, LOW LEVELS OF RADIOACTIVE MATERIAL FOUND ON RUGS WERE TRANSFERRED TO AN OFF-SITE RUG CLEANING FACILITY THAT WAS NOT AUTHORIZED TO POSSESS THE MATERIAL.
(8406 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT WAS SHUT DOWN ON 9/30/83 FOR AN EXTENDED REFUELING AND MAINTENANCE OUTAGE. EXPECTED STARTUP IS 7/12/84.

LAST IE SITE INSPECTION DATE: JUNE 4-5, 1984

INSPECTION REPORT NO: 84-09

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: 50-331 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: MATT ANDERSON (319) 851-7388
4. Licensed Thermal Power (MWt): 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

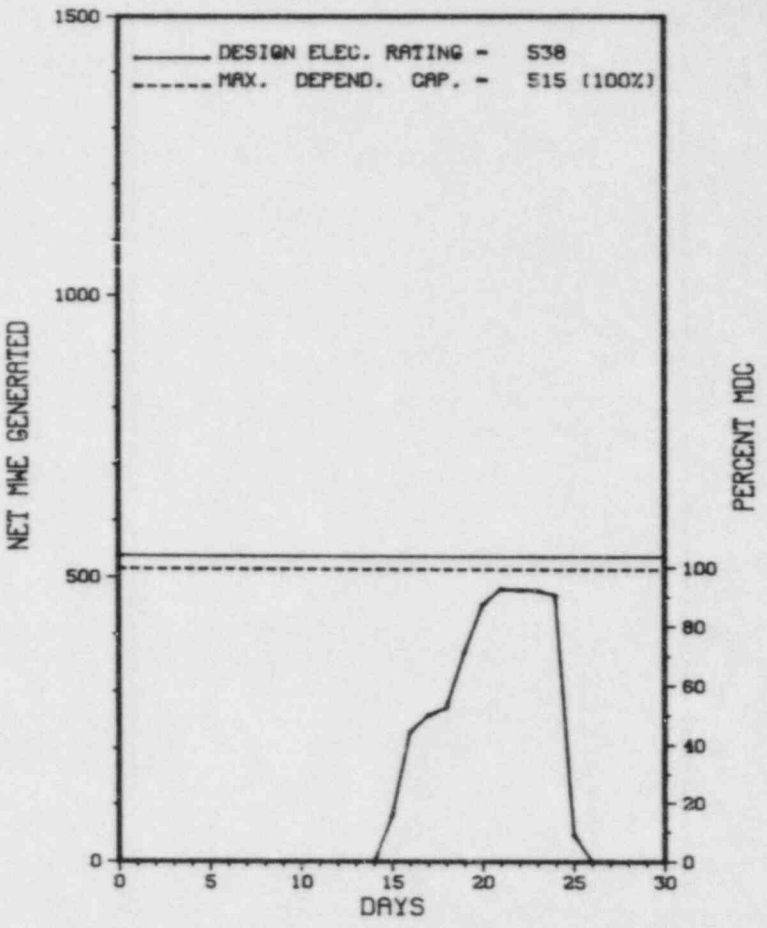
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	82,511.0
13. Hours Reactor Critical	285.8	3,016.4	58,953.4
14. Rx Reserve Shtdwn Hrs	130.3	130.3	130.3
15. Hrs Generator On-Line	241.5	2,930.5	57,373.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	293,287	4,268,456	72,017,218
18. Gross Elec Ener (MWH)	93,133	1,445,783	24,139,340
19. Net Elec Ener (MWH)	86,849	1,361,983	22,598,353
20. Unit Service Factor	33.5	67.1	69.5
21. Unit Avail Factor	33.5	67.1	69.5
22. Unit Cap Factor (MDC Net)	23.4	60.6	53.2
23. Unit Cap Factor (DER Net)	22.4	58.0	50.9
24. Unit Forced Outage Rate	35.7	20.1	17.4
25. Forced Outage Hours	134.2	737.0	12,071.3

26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
NONE
27. If Currently Shutdown Estimated Startup Date: 07/15/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

DUANE ARNOLD



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	05/17/84	S	344.3	B	4	84-016			"C" INBOARD MSIV PISTON/MAIN DISC SEPARATION. VALVE REPAIRED. OUTAGE PROLONGED DUE TO INOPERABILITY OF MAIN GENERATOR.
5	06/25/84	F	134.2	A	1	84-021			FAILURE OF SCAVENGER AIR BLOWER RENDERED "B" DIESEL GENERATOR INOPERABLE.

****
* SUMMARY *
****

DUANE ARNOLD RETURNED ONLINE FROM MAINTENANCE ON THE 15TH AND OPERATED UNTIL JUNE 25TH, WHEN THE UNIT SHUTDOWN FOR EQUIPMENT REPAIR.

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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

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

FACILITY DATA

Report Period JUN 1984

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.....L. CLARDY

LICENSING PROJ MANAGER.....M. THADANI
DOCKET NUMBER.....50-331

LICENSE & DATE ISSUANCE....DPR-49, FEBRUARY 22, 1974

PUBLIC DOCUMENT ROOM.....REFERENCE SERVICE
CEDAR RAPIDS PUBLIC LIBRARY
428 THIRD AVENUE, S.E.
CEDAR RAPIDS, IOWA 52401

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

OTHER ITEMS

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

PLANT IS OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: JUNE 1 - JULY 25, 1984

INSPECTION REPORT NO: 84-08

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-18	05/07/84	06/07/84	RCIC STEAM SUPPLY ISOLATION.
84-19	05/21/84	06/20/84	UNPLANNED RWCU ISOLATION.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 2652

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

6. Design Electrical Rating (Net MWe): 829

7. Maximum Dependable Capacity (Gross MWe): 845

8. Maximum Dependable Capacity (Net MWe): 804

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	720.0	4,367.0	57,695.0
13. Hours Reactor Critical	720.0	2,588.8	37,712.0
14. Rx Reserve Shtdwn Hrs	.0	.0	3,650.7
15. Hrs Generator On-Line	720.0	2,504.0	36,607.4
16. Unit Reserve Shtdwn Hrs	.0	.0	0
17. Gross Therm Ener (MWH)	1,908,735	6,201,318	92,302,842
18. Gross Elec Ener (MWH)	616,540	1,990,462	29,232,326
19. Net Elec Ener (MWH)	583,404	1,861,096	27,562,158
20. Unit Service Factor	100.0	57.3	63.4
21. Unit Avail Factor	100.0	57.3	63.4
22. Unit Cap Factor (MDC Net)	100.8	53.0	59.9*
23. Unit Cap Factor (DER Net)	97.7	51.4	57.6
24. Unit Forced Outage Rate	.0	3.1	14.6
25. Forced Outage Hours	.0	79.5	6,246.0

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

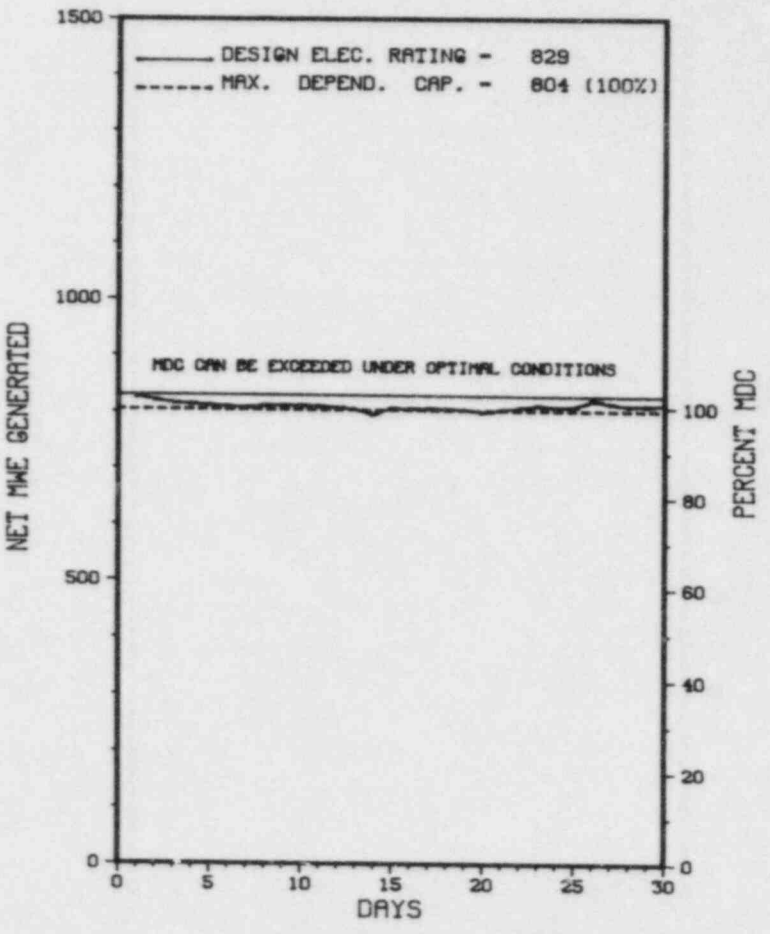
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FARLEY 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

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

****
* SUMMARY *
****

FARLEY 1 OPERATED AT FULL POWER 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)

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

FACILITY DATA

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...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.....BECHTEL

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 11 - MAY 10 (84-15): THIS ROUTINE INSPECTION INVOLVED 85 INSPECTOR HOURS ON SITE IN THE AREAS OF MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, PHYSICAL PROTECTION, TECHNICAL SPECIFICATION COMPLIANCE, UNIT 1 CONTAINMENT INTERGRADED LEAKAGE RATE TEST, AND TMI ACTION ITEMS. OF THE 8 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE FOUND IN 7 AREAS; TWO APPARENT VIOLATIONS WERE FOUND IN ONE AREA (VIOLATION - INADEQUATE PROCEDURE - PARAGRAPH 7; AND VIOLATION - INSTALLATION OF A TEMPORARY SUMP PUMP WHICH WAS POWERED FROM A SAFETY RELATED BUS AT THE RIVER WATER PUMPING STATION AND ALTERING THE "B" TRAIN SERVICE WATER DISCHARGE VACUUM BREAKER WITHOUT PERFORMING A 10 CFR 50.59 REVIEW-PARAGRAPH 7).

INSPECTION MAY 11 - JUNE 10 (84-16): THIS ROUTINE INSPECTION INVOLVED 87 INSPECTOR HOURS ON SITE IN THE AREAS OF MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, ENGINEERED SAFETY FEATURES SYSTEM INSPECTION, 2-6 DIESEL GENERATOR AND AUXILIARY FEEDWATER CHECK VALVES. A VIOLATION WAS IDENTIFIED - PROCEDURE NO. FNP-1/2-SOP-9.0, CONTAINMENT SPRAY SYSTEM WAS INADEQUATE.

ENFORCEMENT SUMMARY

10 CFR 20.103(C) STATES THAT A LICENSEE MAY MAKE ALLOWANCE FOR THE USE OF RESPIRATORY PROTECTIVE EQUIPMENT IN ESTIMATING EXPOSURES OF INDIVIDUALS TO RADIOACTIVE MATERIALS IN AIR PROVIDED CERTAIN REQUIREMENTS ARE MET. 10 CFR 20.103(C)(2) REQUIRES FITTING OF

ENFORCEMENT SUMMARY

RESPIRATORS, TESTING OF RESPIRATORS FOR OPERABILITY IMMEDIATELY PRIOR TO EACH USE AND TRAINING OF PERSONNEL. CONTRARY TO THE ABOVE, IMPROPER ALLOWANCE WAS MADE FOR THE USE OF DISPOSABLE HALF FACE RESPIRATORS IN ESTIMATING EXPOSURES OF INDIVIDUALS TO RADIOACTIVE MATERIALS IN AIR IN THAT RESPIRATOR FITTING, TESTING, AND TRAINING WAS NOT PERFORMED.

(8414 4)

TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED FOR THE APPLICABLE PROCEDURES IN APPENDIX A OF REGULATORY GUIDE (RG) 1.33, REVISION 2, 1978. CONTAINMENT COOLING SYSTEMS, WHICH INCLUDES CONTAINMENT SPRAY, ARE INCLUDED IN THE APPENDIX A OF RG 1.33. CONTRARY TO THE ABOVE, WRITTEN PROCEDURES WERE NOT MAINTAINED FOR THE CONTAINMENT SPRAY SYSTEM AS FOLLOWS: (1) RECIRCULATION STOP VALVE N2 E/3 V011, WAS NOT ON THE CONTAINMENT SPRAY SYSTEM CHECKLIST, FNP-2-SOP-9.0A, REVISION 3. (2) SPRAY ADDITIVE TANK RECIRCULATION PUMP STOP VALVES, Q1/2 E/3V026, WERE REQUIRED TO BE OPEN BY SOP-9.0A. HOWEVER, SYSTEM DRAWINGS REQUIRED V026 TO BE NORMALLY SHUT. V026 SEPARATED CLASS 2B AND NON-SAFETY CLASS PIPING.
(8416 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

R. P. MCDONALD PROMOTED TO SENIOR VICE PRESIDENT NUCLEAR GENERATION, W. G. HAIRSTON PROMOTED TO MANAGER NUCLEAR ENGINEERING AND TECHNICAL SUPPORT, J. D. WOODARD PROMOTED TO PLANT MANAGER.

PLANT STATUS:

NORMAL OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 11 - JUNE 10, 1984 +

INSPECTION REPORT NO: 50-348/84-16 +

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-011/ - -	05/01/84	05/25/84	THE B TRAIN BATTERY WAS DECLARED INOPERABLE DUE TO CELL A SPECIFIC GRAVITY OF 1.182 THE AFFECTED CELL AND THE TWO NEIGHBORING CELLS WERE REPLACED.
84-012/ - -	04/21/84	05/21/84	A B TRAIN REACTOR TRIP SIGNAL, WHICH WAS NOT PART OF THE PLANNED SEQUENCE, OCCURRED. THE REACTOR TRIP SIGNAL WAS CAUSED BY IMPROPER PERFORMANCE OF A SURVEILLANCE TEST PROCEDURE.

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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: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: J. D. WOODARD (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): 855
8. Maximum Dependable Capacity (Net MWe): 814
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	720.0	4,367.0	25,608.0
13. Hours Reactor Critical	720.0	4,320.0	22,856.8
14. Rx Reserve Shtdwn Hrs	.0	.0	138.4
15. Hrs Generator On-Line	720.0	4,271.7	22,570.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,909,440	11,158,506	58,069,198
18. Gross Elec Ener (MWH)	611,010	3,623,890	18,610,738
19. Net Elec Ener (MWH)	582,226	3,449,786	17,649,812
20. Unit Service Factor	100.0	97.8	88.1
21. Unit Avail Factor	100.0	97.8	88.1
22. Unit Cap Factor (MDC Net)	99.3	97.0	84.7
23. Unit Cap Factor (DER Net)	97.5	95.3	83.1
24. Unit Forced Outage Rate	.0	2.2	4.8
25. Forced Outage Hours	.0	95.3	1,127.1

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

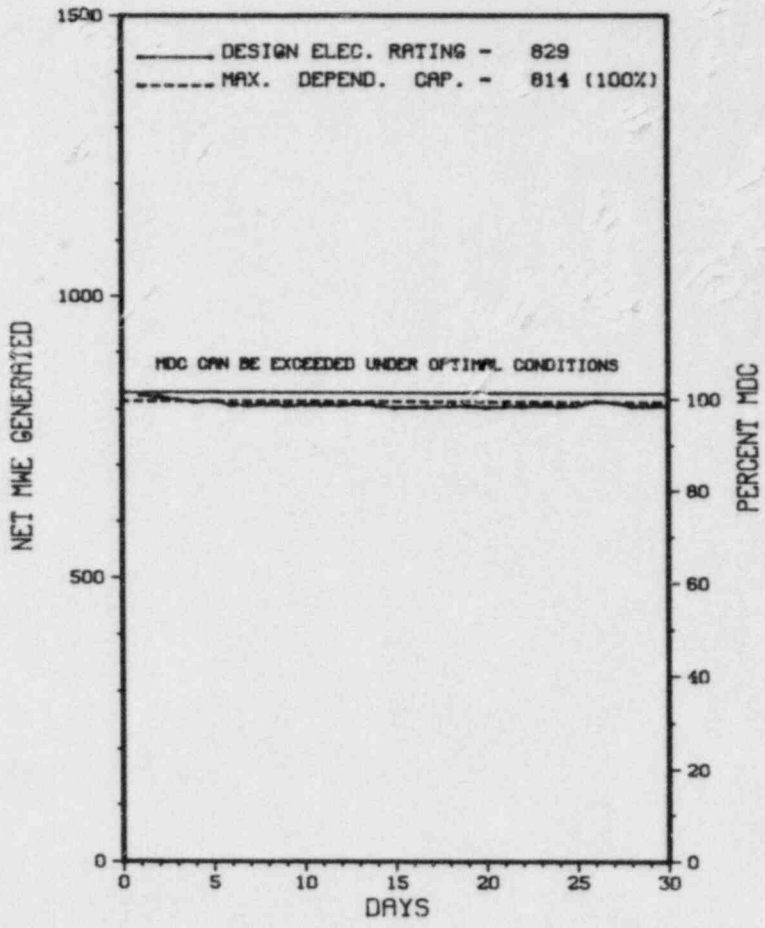
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FARLEY 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

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

****
* SUMMARY *
****

FARLEY 2 OPERATED AT FULL POWER 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)

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

FACILITY DATA

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 11 - MAY 10 (84-15): THIS ROUTINE INSPECTION INVOLVED 85 INSPECTOR HOURS ON SITE IN THE AREAS OF MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, PHYSICAL PROTECTION, TECHNICAL SPECIFICATION COMPLIANCE, UNIT 1 CONTAINMENT INTERGRADED LEAKAGE RATE TEST, AND TMI ACTION ITEMS. OF THE 8 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE FOUND IN 7 AREAS; TWO APPARENT VIOLATIONS WERE FOUND IN ONE AREA (VIOLATION - INADEQUATE PROCEDURE - PARAGRAPH 7; AND VIOLATION - INSTALLATION OF A TEMPORARY SUMP PUMP WHICH WAS POWERED FROM A SAFETY RELATED BUS AT THE RIVER WATER PUMPING STATION AND ALTERING THE "B" TRAIN SERVICE WATER DISCHARGE VACUUM BREAKER WITHOUT PERFORMING A 10 CFR 50.59 REVIEW-PARAGRAPH 7).

INSPECTION MAY 11 - JUNE 10 (84-16): THIS ROUTINE INSPECTION INVOLVED 87 INSPECTOR HOURS ON SITE IN THE AREAS OF MONTHLY SURVEILLANCE OBSERVATION, MONTHLY MAINTENANCE OBSERVATION, OPERATIONAL SAFETY VERIFICATION, INDEPENDENT INSPECTION EFFORT, ENGINEERED SAFETY FEATURES SYSTEM INSPECTION, 2-B DIESEL GENERATOR AND AUXILIARY FEEDWATER CHECK VALVES. A VIOLATION WAS IDENTIFIED - PROCEDURE NO. FNP-1/2-SOP-9.0, CONTAINMENT SPRAY SYSTEM WAS INADEQUATE.

ENFORCEMENT SUMMARY

10 CFR 20.103(C) STATES THAT A LICENSEE MAY MAKE ALLOWANCE FOR THE USE OF RESPIRATORY PROTECTIVE EQUIPMENT IN ESTIMATING EXPOSURES OF INDIVIDUALS TO RADIOACTIVE MATERIALS IN AIR PROVIDED CERTAIN REQUIREMENTS ARE MET. 10 CFR 20.103(C)(2) REQUIRES FITTING OF

ENFORCEMENT SUMMARY

RESPIRATORS, TESTING OF RESPIRATORS FOR OPERABILITY IMMEDIATELY PRIOR TO EACH USE AND TRAINING OF PERSONNEL. CONTRARY TO THE ABOVE, IMPROPER ALLOWANCE WAS MADE FOR THE USE OF DISPOSABLE HALF FACE RESPIRATORS IN ESTIMATING EXPOSURES OF INDIVIDUALS TO RADIOACTIVE MATERIALS IN AIR IN THAT RESPIRATOR FITTING, TESTING, AND TRAINING WAS NOT PERFORMED.

(8414 4)

10 CFR 50.59 ALLOWS THE LICENSEE TO MAKE CHANGES TO THE FACILITY AS DESCRIBED IN THE FSAR WITHOUT PRIOR COMMISSION APPROVAL PROVIDED THAT THE CHANGES DOES NOT INVOLVE A CHANGE TO THE TECHNICAL SPECIFICATIONS OR CONSTITUTE AN UNREVIEWED SAFETY QUESTION. THE LICENSEE IS REQUIRED TO MAINTAIN RECORDS WHICH INCLUDE A WRITTEN SAFETY EVALUATION WHICH PROVIDES THE BASES FOR DETERMINING THAT THE CHANGE DOES NOT CONSTITUTE AN UNREVIEWED SAFETY QUESTION. THE OPERATION OF THE SERVICE WATER SYSTEM AND THE DIESEL GENERATOR LOADING DURING AN ACCIDENT ARE BOTHE DESCRIBED IN THE FSAR. CONTRARY TO THE ABOVE, THE LICENSEE DID NOT PERFORM A WRITTEN SAFETY EVALUATION PRIOR TO: (A) REMOVING A BOLT FROM A SERVICE WATER VACUUM BREAKER WEIGHT ARM, AND ADDING A FLEXIBLE HOSE TO THE VACUUM BREAKER'S VENT LINE. BOTH CHANGES COULD HAVE PREVENTED THE VACUUM BREAKER FROM PERFORMING ITS DESIGN FUNCTION. (B) ADDING AN ELECTRIC DEWATERING PUMP TO MOTOR CONTROL CENTER 1X WHICH IS POWERED BY A DIESEL GENERATOR DURING A LOSS OF OFF SITE POWER.
(8415 4)

TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED. CONTRARY TO THE ABOVE: (A) THE THERMOSTAT CONTROL SWITCH FOR 2B BATTERY CHANGER ROOM COOLER, A SAFETY RELATED SYSTEM, WAS NOT INCLUDED IN FNP-2-SOP-58.0 A - "AUXILIARY BUILDING HVAC" SYSTEM CHECK LIST. (B) A TEMPORARY CHANGE NOTICE (TCN) TO SOP-38.0 "DIESEL GENERATOR" HAD EXPIRED WHICH COVERED OPERATION OF THE DIESEL GENERATOR WHILE THE FUEL OIL DAY TANK LEVEL INDICATOR IN THE CONTROL ROOM WAS OUT OF SERVICE.
(8415 5)

TECHNICAL SPECIFICATION 6.8.A REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED FOR THE APPLICABLE PROCEDURES IN APPENDIX A OF REGULATORY GUIDE (RG) 1.33, REVISION 2, 1978. CONTAINMENT COOLING SYSTEMS, WHICH INCLUDES CONTAINMENT SPRAY, ARE INCLUDED IN THE APPENDIX A OF RG 1.33. CONTRARY TO THE ABOVE, WRITTEN PROCEDURES WERE NOT MAINTAINED FOR THE CONTAINMENT SPRAY SYSTEM AS FOLLOWS: (1) RECIRCULATION STOP VALVE N2 E/3 V011, WAS NOT ON THE CONTAINMENT SPRAY SYSTEM CHECKLIST, FNP-2-SOP-9.0A, REVISION 3. (2) SPRAY ADDITIVE TANK RECIRCULATION PUMP STOP VALVES, Q1/2 E/3V026, WERE REQUIRED TO BE OPEN BY SOP-9.0A. HOWEVER, SYSTEM DRAWINGS REQUIRED V026 TO BE NORMALLY SHUT. V026 SEPARATED CLASS 2B AND NON-SAFETY CLASS PIPING.
(8416 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

R. P. MCDONALD PROMOTED TO SENIOR VICE PRESIDENT NUCLEAR GENERATION, W. G. HAIRSTON PROMOTED TO MANAGER NUCLEAR ENGINEERING AND TECHNICAL SUPPORT, J. D. WOODARD PROMOTED TO PLANT MANAGER.

PLANT STATUS:

OTHER ITEMS

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 11 - JUNE 10, 1984 +

INSPECTION REPORT NO: 50-364/84-16 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

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1. Docket: 50-333 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	78,264.0
13. Hours Reactor Critical	645.3	3,982.6	56,511.4
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	610.8	3,875.4	55,075.3
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,385,472	8,943,144	116,679,730
18. Gross Elec Ener (MWH)	461,460	3,000,090	39,657,410
19. Net Elec Ener (MWH)	447,590	2,904,695	38,403,335
20. Unit Service Factor	84.8	88.7	70.4
21. Unit Avail Factor	84.8	88.7	70.4
22. Unit Cap Factor (MDC Net)	76.7	82.1	64.0*
23. Unit Cap Factor (DER Net)	75.7	81.0	59.8
24. Unit Forced Outage Rate	6.4	3.6	13.9
25. Forced Outage Hours	42.0	145.4	9,028.6

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

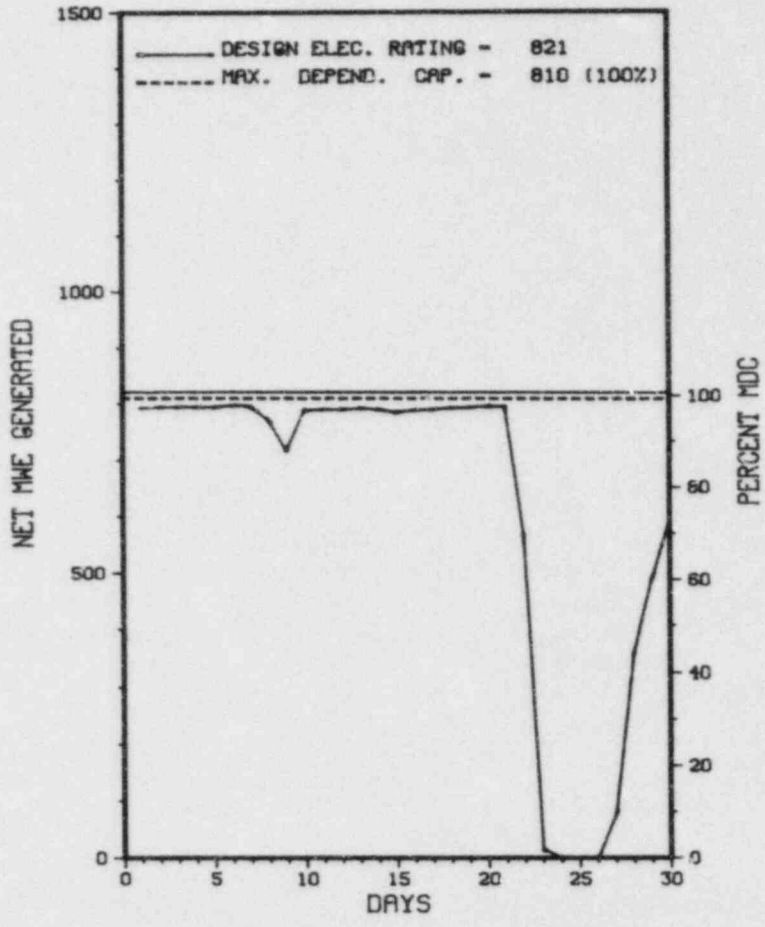
MAINTENANCE OUTAGE - 09/14/84 - 30 DAYS.

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

****
* FITZPATRICK *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FITZPATRICK



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

FITZPATRICK

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
7	06/21/84	S	67.2	B	2				SHUTDOWN TO PHOTOGRAPH SUPPORTS IN DRYWELL AND STEAM TUNNEL.
8	06/25/84	F	42.0	A	3	84-013	TG	FLT	REACTOR SCRAM ON HIGH PRESSURE FROM BYPASS VALVE CLOSURE CAUSED BY DIRT IN EHC FLUID FILTERS. CLEANED FILTERS AND RETURNED TO SERVICE.

SUMMARY

THE FITZPATRICK PLANT OPERATED AT NEAR FULL THERMAL POWER FOR THE FIRST TWENTY-ONE DAYS OF THE REPORTING PERIOD. ON 840621, THE UNIT WAS TAKEN OUT OF SERVICE FOR MAINTENANCE AND WAS BACK ON LINE ON 840627.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* FITZPATRICK *
****

FACILITY DATA

Report Period JUN 1984

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

CONTRARY TO TECHNICAL SPECIFICATION 6.8 (A) AND WORK ACTIVITY CONTROL PROCEDURE 10.1.1, THE LICENSEE FAILED TO PERFORM SCRAM TIME TESTING, AS PART OF THE POST MAINTENANCE TESTING, ON TWELVE CONTROL RODS, WHOSE CONTROL ROD DRIVES WERE REPLACED BETWEEN MARCH 2-13, 1984, TO VERIFY THAT THE SCRAM INSERTION TIME REQUIREMENTS OF TECHNICAL SPECIFICATIONS 3.3.C.1, 3.3.C.2, AND 3.3.C.3 WERE MET. CONTRARY TO TECHNICAL SPECIFICATIONS 3.6.A.1, THE REACTOR COOLANT TEMPERATURE CHANGE FROM 6:30 PM TO 7:30 PM ON MARCH 13, 1984 WAS 104.88 F.
(8404 4)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

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.

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: 06/01/84 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): 501

8. Maximum Dependable Capacity (Net MWe): 478

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

TURBINE BLADING REPAIR

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	94,368.0
13. Hours Reactor Critical	.0	1,490.2	72,104.1
14. Rx Reserve Shtdwn Hrs	.0	.0	1,309.5
15. Hrs Generator On-Line	.0	1,489.5	70,842.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	2,152,797	88,912,511
18. Gross Elec Ener (MWH)	0	690,258	29,319,682
19. Net Elec Ener (MWH)	0	656,538	27,736,398
20. Unit Service Factor	.0	34.1	75.1
21. Unit Avail Factor	.0	34.1	75.1
22. Unit Cap Factor (MDC Net)	.0	34.3	64.1*
23. Unit Cap Factor (DER Net)	.0	31.5	61.5
24. Unit Forced Outage Rate	.0	.0	3.5
25. Forced Outage Hours	.0	.0	1,398.4

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

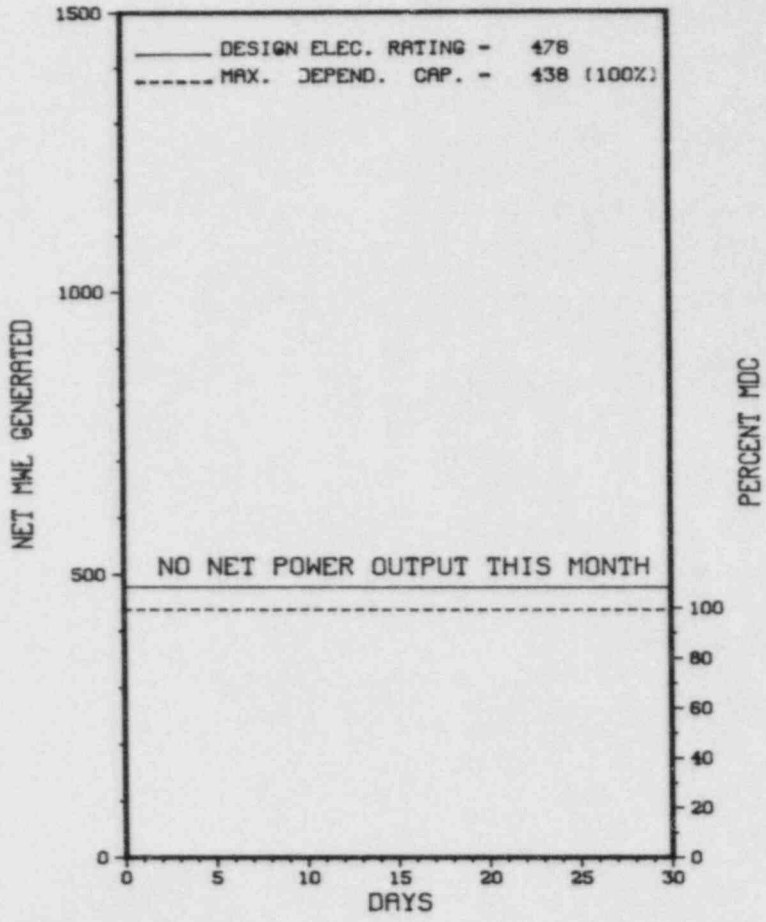
NONE

27. If Currently Shutdown Estimated Startup Date: 07/10/84

****
* FORT CALHOUN 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FORT CALHOUN 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* .ORT CALHOUN 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-01	03/03/84	S	720.0	C	4		RC	FUELXX	1984 REFUELING OUTAGE CONTINUES.

****
* SUMMARY *
****

FORT CALHOUN STATION REMAINS SHUTDOWN IN A CONTINUING REFUELING/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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* FORT CALHOUN 1 *
****

FACILITY DATA

Report Period JUN 1984

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 COURDINATION
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

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

ENFORCEMENT SUMMARY

VIOLATION OF CFR PART 50, APPENDIX B, CRITERION V, FAILURE TO HAVE PRESCRIBED PROCEDURES TO ASSURE IDENTIFICATION OF SAFETY RELATED EQUIPMENT AND COMPONENTS.

(8410 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

OTHER ITEMS

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 1-30, 1984

INSPECTION REPORT NO: 50-285/84-11

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

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: C. H. FULLER (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:

B-O STARTUP TESTING.

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	43,848.0
13. Hours Reactor Critical	528.5	1,324.1	27,151.4
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	213.5	660.1	18,463.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	91,644	340,047	9,709,799
18. Gross Elec Ener (MWH)	18,026	95,438	3,248,888
19. Net Elec Ener (MWH)	13,028	74,292	2,945,822
20. Unit Service Factor	29.7	15.1	42.1
21. Unit Avail Factor	29.7	15.1	42.1
22. Unit Cap Factor (MDC Net)	5.5	5.2	20.4
23. Unit Cap Factor (DER Net)	5.5	5.2	20.4
24. Unit Forced Outage Rate	51.7	26.3	39.2
25. Forced Outage Hours	228.6	235.5	11,912.5

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

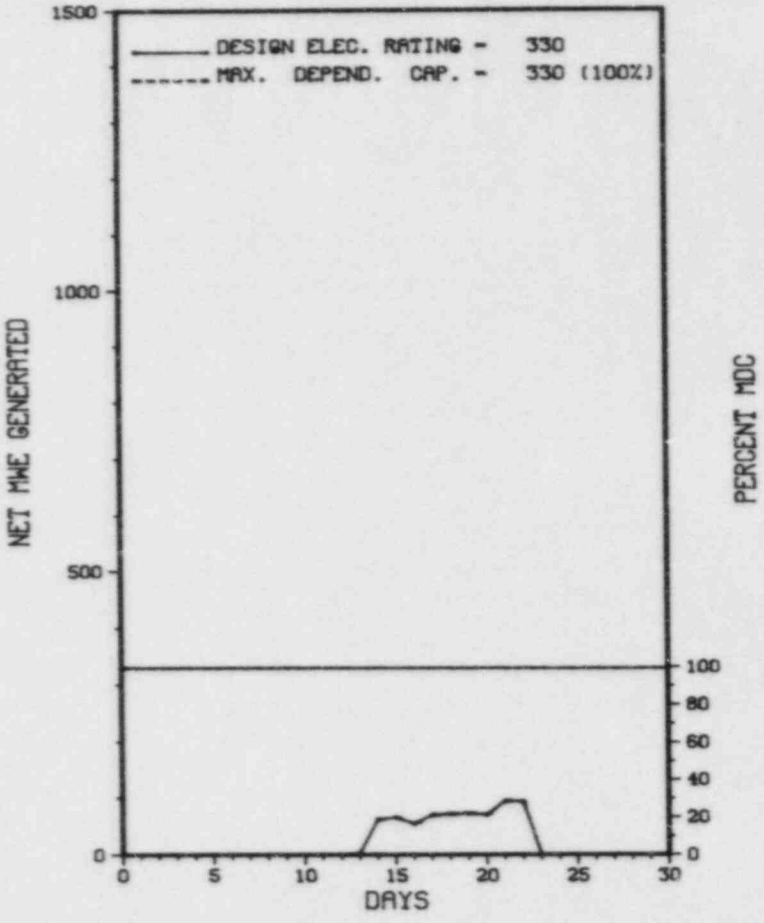
7/1/84-9/1/84: CONTROL ROD DRIVE MAINTENANCE

27. If Currently Shutdown Estimated Startup Date: 09/01/84

****
* FORT ST VRAIN *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

FORT ST VRAIN



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* FORT ST VRAIN *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-002	01/19/84	S	277.9	H	4		ZZZ	ZZZZZZ	PRIMARY COOLANT CLEANUP. REACTOR AT LOW POWER.
84-003	06/12/84	F	5.5	H	9		SB	TTXXXX	TURBINE TRIP DUE TO LOW MAIN STEAM TEMPERATURE. REACTOR REMAINED CRITICAL.
84-004	06/12/84	F	25.0	H	9		SB	TTXXXX	TURBINE TRIP DUE TO LOW MAIN STEAM TEMPERATURE AND HIGH FIRST STAGE PRESSURE. REACTOR REMAINED CRITICAL.
84-005	06/16/84	F	3.9	B	2		JJ	STXXXX	TURBINE GENERATOR OVERSPEED TEST. REACTOR REMAINED CRITICAL.
84-006	06/22/84	F	194.2	H	3		JC	PTXXXX	1A HELIUM CIRCULATOR TRIP CAUSED A WATER INGRESS TO THE PRIMARY COOLANT. THE TURBINE GENERATOR WAS TRIPPED AND A POWER DECREASE WAS IN PROGRESS WHEN A REACTOR PRESSURE HIGH SCRAM OCCURRED.

****
* SUMMARY *
****

FORT ST. VRAIN RETURNED ONLINE FROM MAINTENANCE ON JUNE 13 AND SHUTDOWN ON JUNE 22ND FOR ADDITIONAL 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 & License Examination	5-Reduced Load	Licensee Event Report
		9-Other	(LER) File (NUREG-0161)

****
* FORT ST VRAIN *
****

FACILITY DATA

Report Period JUN 1984

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.....G. PLUMLEE

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:

FACILITY ITEMS (PLANS AND PROCEDURES):

MANAGERIAL ITEMS:

PLANT STATUS:

LAST IE SITE INSPECTION DATE: APRIL 1-30, 1984

OTHER ITEMS

INSPECTION REPORT NO: 50-267/84-13

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

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

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	127,943.0
13. Hours Reactor Critical	704.5	2,431.7	96,031.1
14. Rx Reserve Shtdwn Hrs	15.5	56.2	1,687.7
15. Hrs Generator On-Line	688.2	2,363.3	93,874.6
16. Unit Reserve Shtdwn Hrs	.0	.0	8.5
17. Gross Therm Ener (MWH)	1,002,072	3,369,936	129,627,305
18. Gross Elec Ener (MWH)	337,733	1,121,605	42,285,976
19. Net Elec Ener (MWH)	321,073	1,064,808	40,091,052
20. Unit Service Factor	95.6	54.1	73.4
21. Unit Avail Factor	95.6	54.1	73.4
22. Unit Cap Factor (MDC Net)	94.9	51.9	68.4*
23. Unit Cap Factor (DER Net)	94.9	51.9	68.4*
24. Unit Forced Outage Rate	4.4	11.2	7.9
25. Forced Outage Hours	31.8	296.9	4,099.0

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

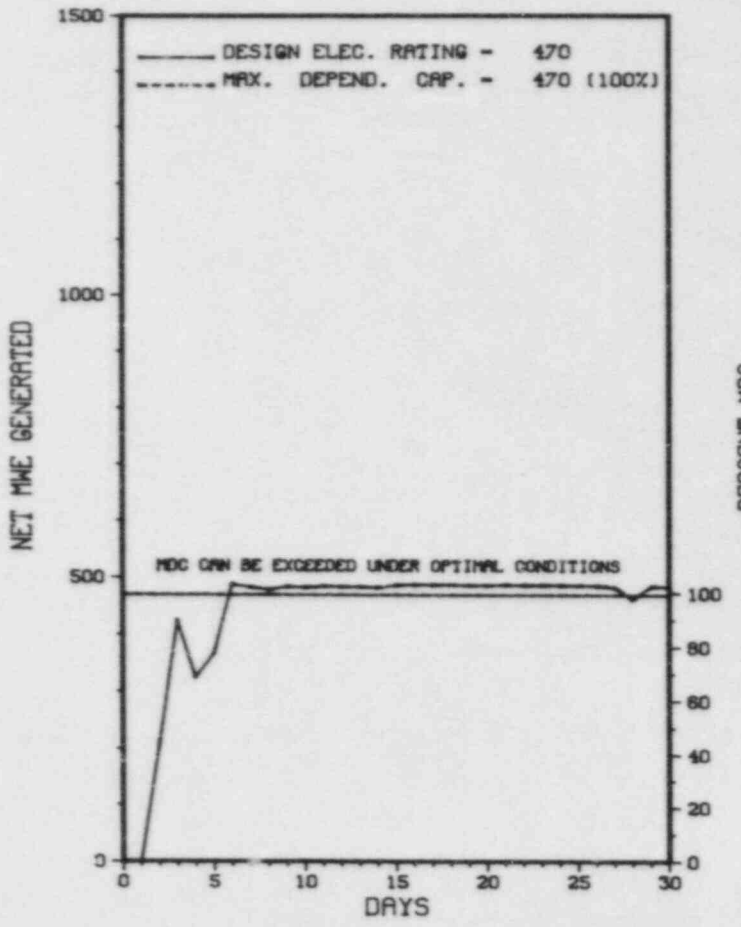
NONE

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

****
* GINNA *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

GINNA



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* GINNA *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-4	05/30/84	F	31.8	A	4				AIR COOLER GASKET, POOR COMPRESSION. SHIMMED AIR COOLER TO PROVIDE PROPER ALIGNMENT; SEALANT ON BOTH SIDES OF GASKET.

****
* SUMMARY *
****

GINNA OPERATED WITH 1 OUTAGE FOR 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* GINNA *
****

FACILITY DATA

Report Period JUN 1984

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
COUNCIL.....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.....G. DICK
DOCKET NUMBER.....50-244

LICENSE & DATE ISSUANCE....DPR-18, SEPTEMBER 19, 1969

PUBLIC DOCUMENT ROOM.....ROCHESTER PUBLIC LIBRARY
BUSINESS AND SOCIAL SCIENCE DIVISION
115 SOUTH AVENUE
ROCHESTER, NEW YORK 14604

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6. 8.1, "PROCEDURES" REQUIRES PROCEDURES BE ESTABLISHED, IMPLEMENTED, AND MAINTAINED COVERING THE ACTIVITIES REFERENCED IN APPENDIX "A" OF REGULATORY GUIDE 1.33, NOVEMBER 1972. SECTION 6.8.2 OF TECHNICAL SPECIFICATION 6.8 STATES THAT "EACH PROCEDURE....., AND CHANGES THERE TO, SHALL BE REVIEWED BY P O R C AND APPROVED BY THE STATION SUPERINTENDENT PRIOR TO IMPLEMENTATION..." CONTRARY TO THE ABOVE, A CONTRACTOR PROCESS CONTROL PROGRAM PROCEDURE, ASSOCIATED WITH THE LICENSEE'S SOLID WASTE SYSTEM, HAS BEEN IMPLEMENTED FOR APPROXIMATELY TWO YEARS, AND THE PROCEDURE HAS NOT BEEN REVIEWED BY P O R C, AND NEITHER HAD IT BEEN APPROVED BY THE STATION SUPERINTENDENT. THIS IS A SEVERITY LEVEL IV VIOLATION. (SUPPLEMENT V). 10 CFR 20.103 (A) (3), "EXPOSURE OF INDIVIDUALS TO CONCENTRATIONS OF RADIOACTIVE MATERIALS IN AIR IN RESTRICTED AREAS", REQUIRES THE LICENSEE, FOR THE PURPOSE OF DETERMINING COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION, TO USE SUITABLE MEASUREMENTS OF CONCENTRATIONS OF RADIOACTIVE MATERIALS IN AIR FOR DETECTING AND EVALUATING AIRBORNE RADIOACTIVITY IN RESTRICTED AREAS. CONTRARY TO THE ABOVE, ON MARCH 6, 1984 THE LICENSEE DID NOT USE SUITABLE MEASUREMENTS OF CONCENTRATIONS OF RADIOACTIVE MATERIALS IN AIR FOR DETECTING AND EVALUATING AIRBORNE RADIOACTIVITY IN THE SORTING AREA OF THE UPPER RADWASTE STORAGE BLDG. BECAUSE THE AIR SAMPLE TAKEN WAS NOT REPRESENTATIVE OF THE BREATHING ZONE OF THE WORKER. SPECIAL WORKER PERMIT (SWP) NO. S4D549, REQUIRED THAT A

ENFORCEMENT SUMMARY

LAPEL AIR SAMPLE BE TAKEN, AND THE AIR SAMPLE TAKEN WAS FROM AN AREA 20 - 25 FEET AWAY FROM WHERE THE WORK WAS BEING PERFORMED. THIS IS A SEVERITY LEVEL IV VIOLATION. (SUPPLEMENT IV). ITEM 2.2 OF SECTION 10 OF THE LICENSEE'S QUALITY ASSURANCE MANUAL, DEVELOPED PURSUANT TO CRITERION X OF APPENDIX B, PART 50 STATES, "ESTABLISH AN INSPECTION PERSONNEL QUALIFICATION PROGRAM AND QUALIFY STATION...PERSONNEL AS APPROPRIATE". PROCEDURE NO. A-1002, REVISION NO. 5, "QUALIFICATION OF INSPECTION PERSONNEL", DEVELOPED PURSUANT TO THE ABOVE, STATES IN ITEM 1.0, "PURPOSE", "TO ESTABLISH THE REQUIREMENTS FOR QUALIFICATION OF GINNA..PERSONNEL WHO PERFORM VERIFICATION INSPECTION ACTIVITIES". ITEM 3.2 OF PROCEDURE NO. A-1002 STATES "INSPECTION PERSONNEL SHALL BE QUALIFIED TO SPECIFIC INSPECTION TOPICS AS DEFINED BELOW: A)MECHANICAL B)ELECTRICAL C)ADMINISTRATIVE D)INSERVICE. ITEM 3.3 OF PROCEDURE NO. A-1002, STATES, "FOR EACH INSPECTION TOPIC, INSPECTION PERSONNEL SHALL BE QUALIFIED TO ONE OF THREE QUALIFICATION LEVELS OF CAPABILITY AS DEFINED BELOW: A)LEVEL I B)LEVEL II C)LEVEL III. ITEM 3.5 OF PROCEDURE NO. A-1002, STATES, "THE FOLLOWING TECHNICAL REQUIREMENTS (TRAINING AND TESTING) SHALL BE SATISFIED AS A BASIS FOR QUALIFICATION: A)FOR QUALIFICATION TO LEVEL I, THE FOLLOWING TECHNICAL REQUIREMENTS SHALL BE SATISFIED; (1)CLASSROOM TRAINING (2)ON THE JOB TRAINING, AND (3)TESTING. B)FOR QUALIFICATION TO LEVEL II: (1)CLASSROOM TRAINING; (2)ON THE JOB TRAINING, AND (3)TESTING. C)FOR QUALIFICATION TO LEVEL III: (1)CLASSROOM TRAINING, AND (2)ON THE JOB TRAINING. CONTRARY TO THE ABOVE, THE LICENSEE HAD NOT ESTABLISHED A PERSONNEL QUALIFICATION PROGRAM FOR INSPECTION PERSONNEL WHO PERFORM VERIFICATION INSPECTION ACTIVITIES HAVING TO DO WITH TRANSPORT PACKAGES. THIS IS A SEVERITY LEVEL IV VIOLATION. (SUPPLEMENT V). D. TECHNICAL SPECIFICATION 6.8, "PROCEDURES", REQUIRES WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED. 1. PROCEDURE NO. HP-4.3, "WORK PERMIT USE", DEVELOPED PURSUANT TO THE ABOVE, STATES IN ITEM 6.2.2 THAT, "EACH SWP SHALL BE APPROVED BY THE SUPERVISOR OR FOREMAN OF GROUPS INVOLVED..." CONTRARY TO THE ABOVE, SPECIAL WORK PERMIT (SWP) NO. S40549, DATED MARCH 6, 1984, ISSUED FOR THE TRASH SORTING JOB BEING PERFORMED IN THE UPPER RAD WASTE STORAGE BUILDING, WAS NOT APPROVED BY THE SUPERVISOR OR FOREMAN OF THE GROUPS INVOLVED. IT WAS APPROVED BY JUNIOR HEALTH PHYSICS TECHNICIAN. 2. PROCEDURE NO. ST-81.1, "DRUMMING OF WASTE EVAPORATOR BOTTOMS AND MISCELLANEOUS WASTE", DEVELOPED PURSUANT TO THE ABOVE, STATES IN ITEM 4.8 THAT, "ALL SPECIALITY WASTE MUST HAVE A LAB TEST FOR SOLIDIFICATION PRIOR TO THE ACTUAL SOLIDIFICATION OF THE WASTE. CONTRARY TO THE ABOVE, ACID RINSE WASTE FROM WASTE EVAPORATOR FEED TANKS, INDENTIFIED AS SPECIALITY WASTE ACCORDING TO A LICENSEE REPRESENTATIVE CONTAINED IN DRUMS NO. 4014, 4020 AND 4021, WERE NOT SUBJECTED TO A LAB TEST FOR SOLIDIFICATION PRIOR TO THE ACTUAL SOLIDIFICATION OF THE WASTE. THIS IS A SEVERITY LEVEL IV VIOLATION. (SUPPLEMENT V).
(8402 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 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.

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1. Docket: 50-213 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: R.L. EPPINGER (203) 267-2556 X274

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	720.0	4,367.0	144,623.0
13. Hours Reactor Critical	720.0	4,367.0	125,568.4
14. Rx Reserve Shtdwn Hrs	.0	.0	1,200.5
15. Hrs Generator On-Line	720.0	4,367.0	120,274.3
16. Unit Reserve Shtdwn Hrs	.0	.0	373.7
17. Gross Therm Ener (MWH)	1,185,816	7,769,983	209,142,543
18. Gross Elec Ener (MWH)	378,733	2,558,364	68,671,607
19. Net Elec Ener (MWH)	359,278	2,439,816	65,340,517
20. Unit Service Factor	100.0	100.0	83.2
21. Unit Avail Factor	100.0	100.0	83.4
22. Unit Cap Factor (MDC Net)	87.7	98.2	83.1*
23. Unit Cap Factor (DER Net)	85.7	96.0	77.2*
24. Unit Forced Outage Rate	.0	.0	6.0
25. Forced Outage Hours	.0	.0	1,158.0

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

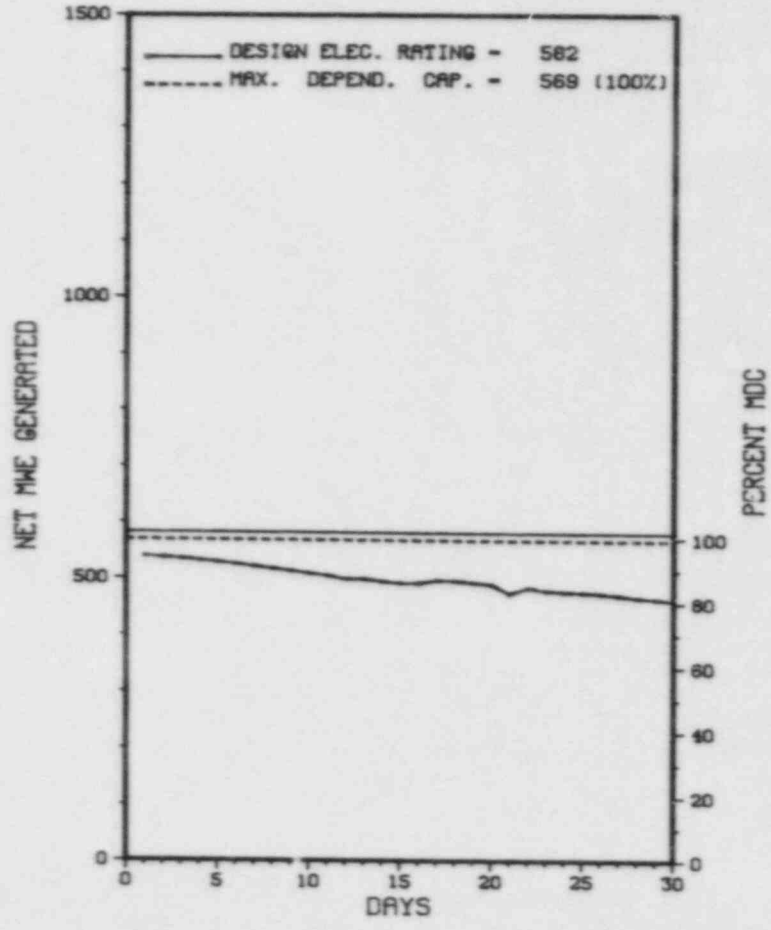
REFUELING: 07/27/84 - 10 WEEKS

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HADDAM NECK



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

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

NONE

****
* SUMMARY *
****

HADDAM NECK (CONNECTICUT YANKEE) OPERATED WITH NO OUTAGES OR REDUCTIONS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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.....J. LYONS
DOCKET NUMBER.....50-213

LICENSE & DATE ISSUANCE....DPR-61, DECEMBER 27, 1974

PUBLIC DOCUMENT ROOM.....RUSSELL LIBRARY
119 BROAD STREET
MIDDLETOWN, CONNECTITCUT 06457

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.

****
* 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

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

1. Docket: 50-321 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: M. G. MCBAY (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

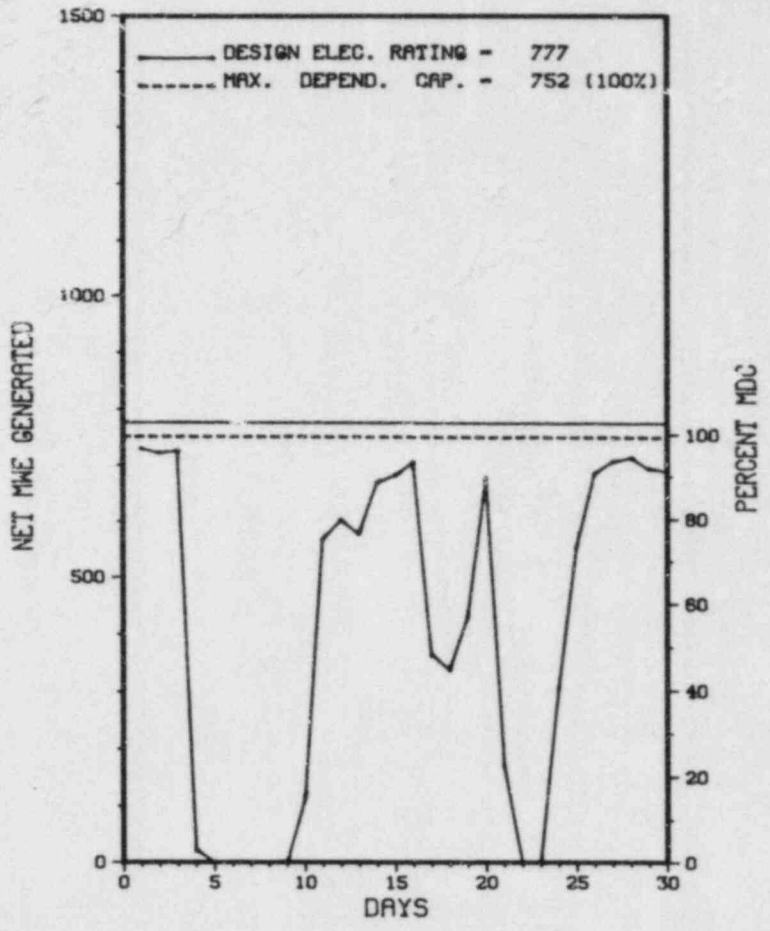
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	74,495.0
13. Hours Reactor Critical	539.2	3,517.7	53,023.5
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	504.9	3,387.3	49,780.3
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,056,456	7,674,868	104,809,983
18. Gross Elec Ener (MWH)	315,410	2,424,130	33,873,110
19. Net Elec Ener (MWH)	296,661	2,306,480	32,156,971
20 Unit Service Factor	70.1	77.6	66.8
21. Unit Avail Factor	70.1	77.6	66.8
22. Unit Cap Factor (MDC Net)	54.8	70.2	57.4
23. Unit Cap Factor (DER Net)	53.0	68.0	55.6
24. Unit Forced Outage Rate	29.9	20.9	16.3
25. Forced Outage Hours	215.1	895.1	9,505.6

26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
REFUELING: 8-1-84; 10 WEEKS
27. If Currently Shutdown Estimated Startup Date: N/A

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HATCH 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

HATCH 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-40	06/01/84	F	0.0	A	5		HA	TURBIN	13TH STAGE BUCKETS ON LOW PRESSURE TURBINE WERE DAMAGED & OUT FOR THE DURATION OF JUNE.
84-41	06/02/84	S	0.0	B	5		HA	TURBIN	LOAD REDUCTION FOR TURBINE TESTING.
84-42	06/04/84	S	0.0	B	5		HA	TURBIN	LOAD REDUCTION FOR TURBINE TESTING.
84-43	06/04/84	F	141.0	A	3		HB	VALVEX	RX SCRAM ON TURBINE STOP VALVE FAST CLOSURE DURING TURBINE TESTING.
84-44	06/12/84	S	0.0	H	5		RB	CONROD	LOAD REDUCTION FOR ROD PATTERN ADJUSTMENT.
84-45	06/14/84	F	0.0	A	5		CH	PUMPXX	LOW CONDENSATE BOOSTER PUMP SUCTION & DISCHARGE PRESSURE.
84-46	06/16/84	F	0.0	A	5		CH	HTEXCH	LOAD REDUCTION TO TAKE 8TH STAGE "B" FEEDWATER HEATER OUT OF SERVICE FOR REPAIR OF TUBE LEAK.
84-47	06/20/84	F	74.1	A	2		CH	VALVEX	OUTAGE TO REPAIR FEEDWATER CHECK VALVE LEAK.
84-48	06/29/84	S	0.0	H	5		RB	CONROD	LOAD REDUCTION FOR ROD PATTERN ADJUSTMENT.

SUMMARY

HATCH 1 OPERATED ROUTINELY DURING THE REPORT PERIOD.

Type	Reason	Method	System & Component
F-Forced S-Sched	A-Equip Failure F-Admin B-Maint or Test G-Oper Error C-Refueling H-Other D-Regulatory Restriction E-Operator Training & License Examination	1-Manual 2-Manual Scram 3-Auto Scram 4-Continued 5-Reduced Load 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 1984

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.....R. CRLENJAK

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 APRIL 5-6 (84-12): THE INSPECTION INVOLVED 6 INSPECTOR HOURS ON SITE BY ONE NRC INSPECTOR. THE INSPECTION WAS BEGUN DURING A REGULAR SHIFT PERIOD; TWO INSPECTION HOURS WERE ACCOMPLISHED DURING OFFSHIFT PERIODS. THE INSPECTION INCLUDED REVIEW OF SECURITY INCIDENT OCCURRING ON APRIL 4, RELATING TO PROTECTED AND VITAL AREA ACCESS CONTROLS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION EXCEPT FOR THE FOLLOWING ITEM: FAILURE TO CONTROL ACCESS TO THE PROTECTED AND VITAL AREA (84-12-01).

INSPECTION MARCH 21 - APRIL 20 (84-13): THIS INSPECTION INVOLVED 116 INSPECTOR HOURS ON SITE 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, AND SURVEILLANCE ACTIVITIES, LER REVIEW, AND TMI ACTION PLAN FOLLOWUP. OF THE AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO RESTORE SYSTEM TO ORIGINAL DESIGN REQUIREMENTS).

INSPECTION MAY 29 - JUNE 1 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 12 INSPECTOR HOURS ON SITE IN THE AREAS OF AVERAGE POWER RANGE MONITOR SYSTEM, ROD BLOCK MONITOR SYSTEM AND TECHNICAL SPECIFICATION (ARTS) PROGRAM MODIFICATIONS WITNESSING, REVIEW OF STATUS OF BULLETIN 80-25, TARGET ROCK SAFETY RELIEF VALVE, FOLLOWUP ON ITEM 321/82-38-01, AND PLANT TOUR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21 - JUNE 20 (84-19): THIS INSPECTION INVOLVED 86 INSPECTOR HOURS ON SITE IN THE AREAS OF TECHNICAL SPECIFICATION COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE PRACTICES, STATION AND CORPORATE MANAGEMENT

INSPECTION SUMMARY

PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES, AND SURVEILLANCE ACTIVITIES. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 10-14 (84-22): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 16 INSPECTOR HOURS ON SITE (2 HOURS ON BACKSHIFT) INSPECTING: SECURITY PLAN AND IMPLEMENTING PROCEDURES; TESTING AND MAINTENANCE; SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; DETECTION AIDS - PROTECTED AND VITAL AREAS; ALARM STATIONS; AND COMMUNICATIONS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

FAILURE TO CONTROL ACCESS TO PROTECTED AND VITAL AREA.

(8412 3)

ON APRIL 11, 1984, CONTRARY TO 10 CFR 50, APP. B, CRITERION X, A COMPONENT OF A SAFETY SYSTEM WAS NOT RESTORED TO THE ORIGINAL DESIGN REQUIREMENTS , IN THAT, AT LEAST ONE BOLTED CONNECTION ON THE UNIT 1 HIGH PRESSURE CORE INJECTION SYSTEMS (HPCI) MINIMUM FLOW VALVE E41-F012 WAS NOT PROPERLY RESTORED AFTER MAINTENANCE.
(8413 5)

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 21 - JUNE 20, 1984 +

INSPECTION REPORT NO: 50-321/84-19 +

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

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-003/ - -	05/08/84	06/07/84	FUEL ROD FL WAS BOWED TO THE EXTENT THAT IT CONTACTED AN ADJACENT UNFAILED FUEL ROD.
84-008/ - -	04/30/84	05/25/84	SURV TRACKING COMPUTER HAD MISCALCULATED THE DUE DATE FOR BOTH HNP-2-3655 AND OTHER SURV PROCEDURES, PROGRAMMING ERROR WAS DISCOVERED AND CORRECTED.

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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: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: M. G. MCBAY (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): 806
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	720.0	4,367.0	42,264.0
13. Hours Reactor Critical	.0	308.2	27,547.1
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	308.2	26,241.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	726,912	56,293,208
18. Gross Elec Ener (MWH)	0	242,640	18,547,990
19. Net Elec Ener (MWH)	-2,495	221,757	17,639,999
20. Unit Service Factor	.0	7.1	62.1
21. Unit Avail Factor	.0	7.1	62.1
22. Unit Cap Factor (MDC Net)	.0	6.8	55.8
23. Unit Cap Factor (DER Net)	.0	6.5	53.2
24. Unit Forced Outage Rate	.0	.0	11.5
25. Forced Outage Hours	.0	.0	3,425.8

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

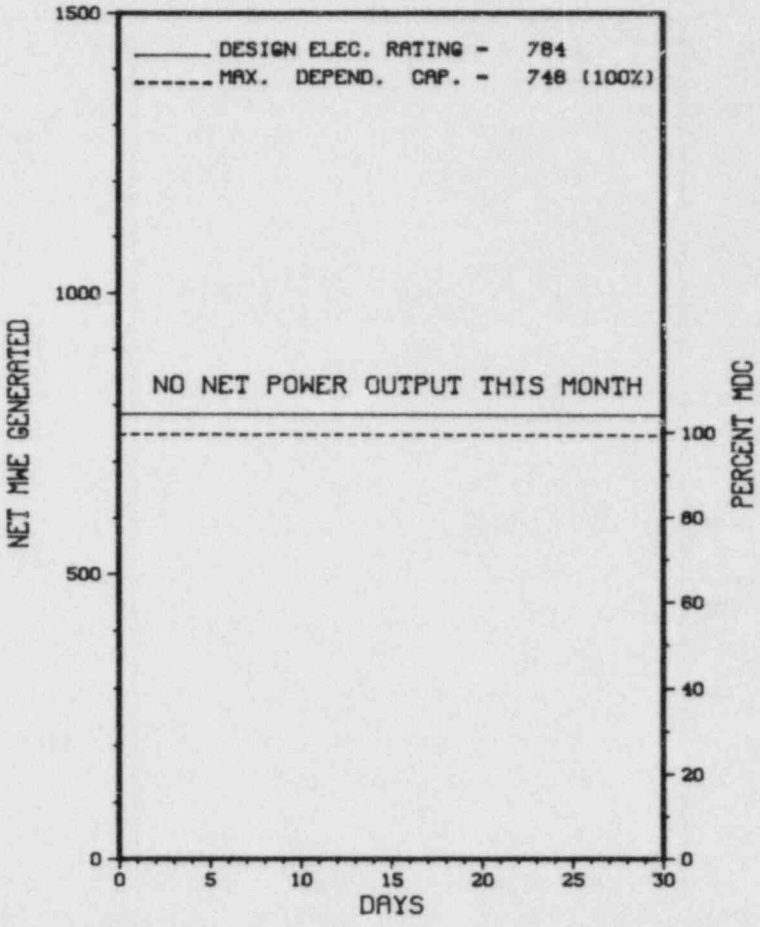
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

HATCH 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-5	01/13/84	S	720.0	H	4		CB	PIPEXX	RECIRC PIPE REPLACEMENT OUTAGE CONTINUES.

****
* SUMMARY *
****

HATCH 2 REMAINS SHUTDOWN IN A CONTINUING 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

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.....R. CRLENJAK

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 APRIL 5-6 (84-12): THE INSPECTION INVOLVED 6 INSPECTOR HOURS ON SITE BY ONE NRC INSPECTOR. THE INSPECTION WAS BEGUN DURING A REGULAR SHIFT PERIOD; TWO INSPECTION HOURS WERE ACCOMPLISHED DURING OFFSHIFT PERIODS. THE INSPECTION INCLUDED REVIEW OF SECURITY INCIDENT OCCURING ON APRIL 4, RELATING TO PROTECTED AND VITAL AREA ACCESS CONTROLS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION EXCEPT FOR THE FOLLOWING ITEM: FAILURE TO CONTROL ACCESS TO THE PROTECTED AND VITAL AREA (84-12-01).

INSPECTION MARCH 21 - APRIL 20 (84-13): THIS INSPECTION INVOLVED 117 INSPECTOR HOURS ON SITE 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, AND SURVEILLANCE ACTIVITIES, LER REVIEW, AND TMI ACTION PLAN FOLLOWUP. OF THE AREAS INSPECTED, ONE VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO RESTORE SYSTEM TO ORIGINAL DESIGN REQUIREMENTS).

INSPECTION MAY 29 - JUNE 1 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 12 INSPECTOR HOURS ON SITE IN THE AREAS OF AVERAGE POWER RANGE MONITOR SYSTEM, ROD BLOCK MONITOR SYSTEM AND TECHNICAL SPECIFICATION (ARTS) PROGRAM MODIFICATIONS WITNESSING, REVIEW OF STATUS OF BULLETIN 80-25, TARGET ROCK SAFETY RELIEF VALVE, FOLLOWUP ON ITEM 321/82-38-01, AND PLANT TOUR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21 - JUNE 20 (84-19): THIS INSPECTION INVOLVED 85 INSPECTOR HOURS ON SITE IN THE AREAS OF TECHNICAL SPECIFICATION COMPLIANCE, OPERATOR PERFORMANCE, OVERALL PLANT OPERATIONS, QUALITY ASSURANCE PRACTICES, STATION AND CORPORATE MANAGEMENT

INSPECTION SUMMARY

PRACTICES, CORRECTIVE AND PREVENTIVE MAINTENANCE ACTIVITIES, SITE SECURITY PROCEDURES, RADIATION CONTROL ACTIVITIES, AND SURVEILLANCE ACTIVITIES. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 10-14 (84-22): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 17 INSPECTOR HOURS ON SITE (2 HOURS ON BACKSHIFT) INSPECTING: SECURITY PLAN AND IMPLEMENTING PROCEDURES; TESTING AND MAINTENANCE; SECURITY SYSTEM POWER SUPPLY; ASSESSMENT AIDS; DETECTION AIDS - PROTECTED AND VITAL AREAS; ALARM STATIONS; AND COMMUNICATIONS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

FAILURE TO CONTROL ACCESS TO PROTECTED AND VITAL AREA.

(8412 3)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

RECIRCULATION PIPE REPLACEMENT IN PROGRESS.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN.

LAST IE SITE INSPECTION DATE: MAY 21 - JUNE 20, 1984 +

INSPECTION REPORT NO: 50-366/84-19 +

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: E. EICH (914) 694-6000 @ I.P.

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:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	87,672.0
13. Hours Reactor Critical	24.2	3,228.6	59,176.2
14. Rx Reserve Shtdwn Hrs	.0	.0	2,119.1
15. Hrs Generator On-Line	24.2	3,204.7	57,400.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	44,189	8,228,228	149,268,727
18. Gross Elec Ener (MWH)	12,890	2,579,530	46,237,106
19. Net Elec Ener (MWH)	8,678	1,869,029	43,496,121
20. Unit Service Factor	3.4	73.4	65.5
21. Unit Avail Factor	3.4	73.4	65.5
22. Unit Cap Factor (MDC Net)	1.4	50.0	58.5*
23. Unit Cap Factor (DER Net)	1.4	49.0	56.8
24. Unit Forced Outage Rate	.0	12.7	9.6
25. Forced Outage Hours	.0	466.5	5,842.7

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

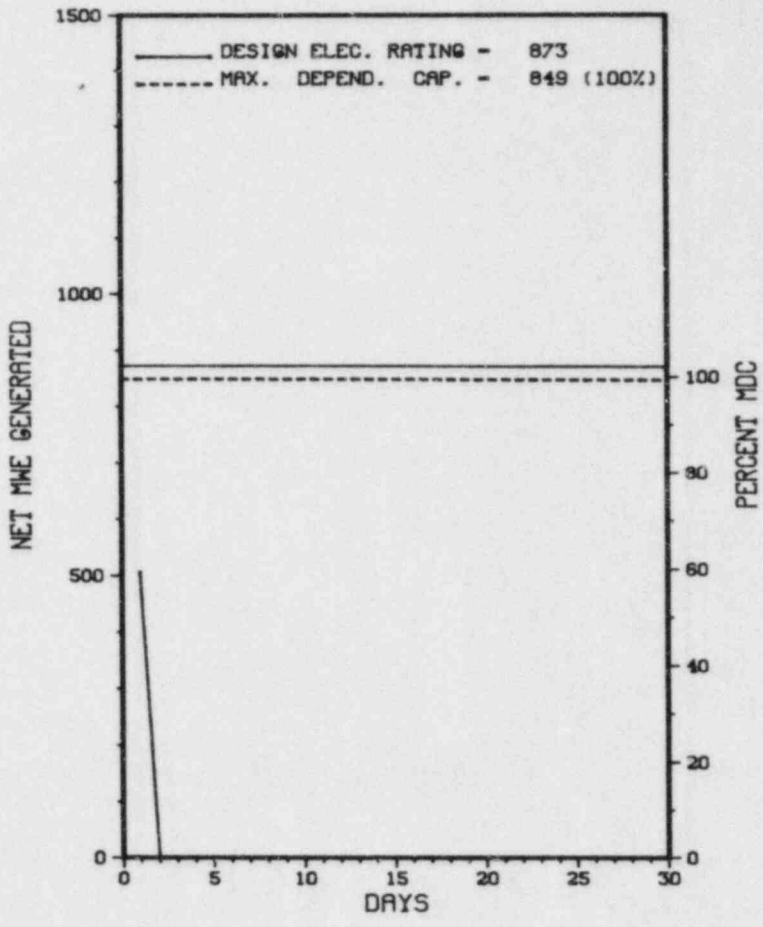
NONE

27. If Currently Shutdown Estimated Startup Date: 09/07/84

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

INDIAN POINT 2



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

INDIAN POINT 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	06/02/84	S	695.8	C	3		RC	FUELXX	CYCLE 6/7 REFUELING OUTAGE COMMENCES.

SUMMARY

INDIAN POINT 2 SHUTDOWN ON JUNE 2ND FOR REFUELING AND 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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.....P. KOLTAY

LICENSING PROJ MANAGER.....P. POLK
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

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

****
* INDIAN POINT 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.			

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

2. Reporting Period: 06/01/84 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

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	68,688.0
13. Hours Reactor Critical	707.2	3,635.9	38,060.4
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	701.6	3,502.7	36,645.0
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,105,400	9,892,696	94,262,532
18. Gross Elec Ener (MWH)	692,750	3,243,435	29,610,046
19. Net Elec Ener (MWH)	668,120	3,121,321	28,365,499
20. Unit Service Factor	97.4	80.2	53.3
21. Unit Avail Factor	97.4	80.2	53.3
22. Unit Cap Factor (MDC Net)	96.2	74.1	42.8
23. Unit Cap Factor (DER Net)	96.2	74.1	42.8
24. Unit Forced Outage Rate	2.6	19.0	23.2
25. Forced Outage Hours	18.4	823.8	11,020.6

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

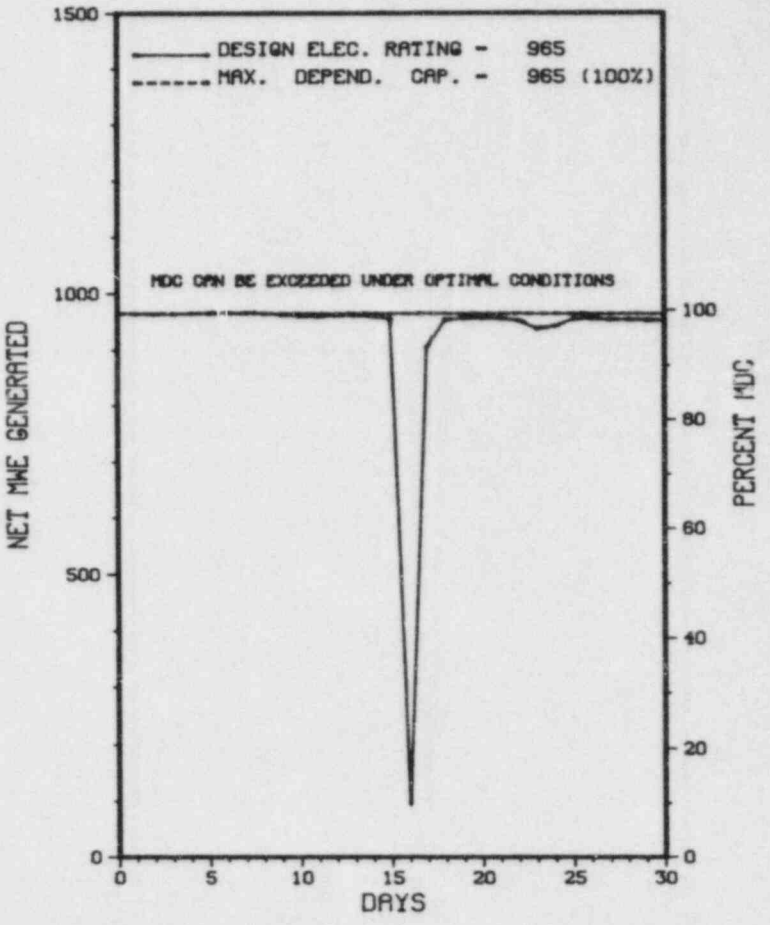
MID CYCLE OUTAGE STARTING OCTOBER 1984

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

INDIAN POINT 3



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
08	06/16/84	F	18.4	A	3	84-009-00	CD	VALVEX	UNIT TRIP DUE TO LOW LEVEL IN 33 STEAM GENERATOR CAUSED BY A FAILURE OF FEED WATER REGULATING VALVE FCV-437.

****
* SUMMARY *
****

INDIAN POINT 3 OPERATED WITH 1 OUTAGE FOR EQUIPMENT FAILURE 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)

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

FACILITY DATA

Report Period JUN 1984

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.....T. KENNY

LICENSING PROJ MANAGER.....P. POLK
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

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.

****
* 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.

REPORTS FROM LICENSEE

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

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

2. Reporting Period: 06/01/84 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	720.0	4,367.0	88,032.0
13. Hours Reactor Critical	720.0	3,157.7	74,337.8
14. Rx Reserve Shtdwn Hrs	.0	.0	2,330.5
15. Hrs Generator On-Line	720.0	3,118.8	72,931.3
16. Unit Reserve Shtdwn Hrs	.0	.0	10.0
17. Gross Therm Ener (MWH)	1,144,593	4,880,196	113,851,282
18. Gross Elec Ener (MWH)	379,800	1,609,000	37,467,100
19. Net Elec Ener (MWH)	361,333	1,532,605	35,664,641
20. Unit Service Factor	100.0	71.4	82.8
21. Unit Avail Factor	100.0	71.4	82.9
22. Unit Cap Factor (MDC Net)	99.8	69.8	77.9*
23. Unit Cap Factor (DER Net)	93.8	65.6	75.7
24. Unit Forced Outage Rate	.0	.3	3.8
25. Forced Outage Hours	.0	8.3	2,738.0

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

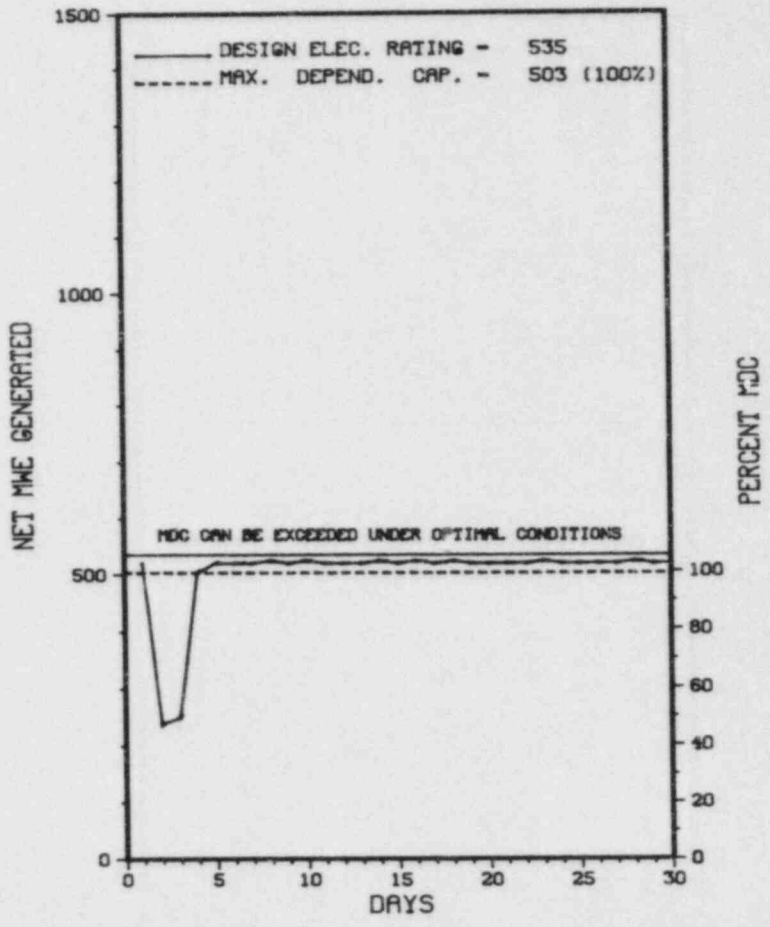
NONE

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

****
* KEWAUNEE *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

KEWAUNEE



JUNE 1984

* Item ca'culated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* KEWAUNEE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
6	06/02/84	F	0.0	B	5		HF	HTEXCH	A LOAD REDUCTION TO 44% POWER WAS REQUIRED TO PERMIT INSPECTION OF THE MAIN CONDENSER WATERBOXES AND THE REPAIR OF A SPECIAL TEST INSTRUMENT SENSING LINE DUE TO CIRCULATING WATER LEAKAGE INTO THE CONDENSER.

****
* SUMMARY *
****

KEWAUNEE OPERATED WITH 1 REDUCTION AND NO 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* KEWAUNEE *
****

FACILITY DATA

Report Period JUN 1984

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 1200
GREEN BAY, WISCONSIN 54305

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.:...D. NEIGHBORS
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 MAY 7-10, (84-05): ROUTINE UNANNOUNCED INSPECTION OF THE RADIATION PROTECTION PROGRAM INCLUDING INTERNAL AND EXTERNAL EXPOSURE CONTROL, ORGANIZATION AND STAFF QUALIFICATIONS, RESPIRATORY PROTECTION, TRAINING, CONTAMINATION CONTROL, INSTRUMENTATION AND CALIBRATION, AND A REVIEW OF TMI ITEMS II.F.1.2 AND II.F.1.3 AND SELECTED I&E INFORMATION NOTICES. THE INSPECTION INVOLVED 56 INSPECTOR-HOURS ON SITE BY TWO NRC INSPECTORS. ONE APPARENT ITEM OF NONCOMPLIANCE WAS IDENTIFIED: FAILURE TO CALIBRATE THE GAMMA CALIBRATOR IN ACCORDANCE WITH PROCEDURES. ONE UNRESOLVED ITEM WAS IDENTIFIED CONCERNING NUREG-0737 ITEM II.F.1.2.B.2.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.11 REQUIRES THAT RADIATION CONTROL PROCEDURES BE MAINTAINED AND ADHERED TO FOR ALL OPERATIONS INVOLVING PERSONNEL RADIATION EXPOSURES. PROCEDURE RC-HP-40J STATES THE MULTI-SOURCE GAMMA CALIBRATOR WILL RECEIVE AN ANNUAL CALIBRATION. CONTRARY TO THE ABOVE, ACCORDING TO LICENSEE RECORDS, THE GAMMA CALIBRATOR HAD NOT BEEN CALIBRATED SINCE JULY 1982, A PERIOD GREATER THAN ONE YEAR.
(8405 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE PLANT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: MAY 7-11, 1984

INSPECTION REPORT NO: 84-06

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-02	03/16/84	06/01/84	TURBINE TRIP/REACTOR TRIP.
84-08	05/05/84	06/04/84	REACTOR TRIP ON INTERMEDIATE RANGE HI FLUX.
84-09	05/07/84	06/06/84	TURBINE AND REACTOR TRIP DUE TO IMPROPERLY WIRED SWITCH.
84-10	05/07/84	06/06/84	REACTOR TRIP ON SB 1B LO-LO LEVEL.
84-11	05/10/84	06/10/84	UNEXPECTED OPERATION OF 1A SHIELD BUILDING VENT SYSTEM RECIRCULATION FAN AND DAMPERS.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: G. R. GADOW (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	720.0	4,367.0	128,546.0
13. Hours Reactor Critical	579.3	3,791.4	84,535.8
14. Rx Reserve Shtdwn Hrs	.0	.0	478.0
15. Hrs Generator On-Line	549.6	3,593.3	78,429.6
16. Unit Reserve Shtdwn Hrs	.0	.0	79.0
17. Gross Therm Ener (MWH)	77,298	542,323	10,824,627
18. Gross Elec Ener (MWH)	23,763	172,946	3,230,174
19. Net Elec Ener (MWH)	22,185	163,190	2,990,425
20. Unit Service Factor	76.3	82.3	61.0
21. Unit Avail Factor	76.3	82.3	61.1
22. Unit Cap Factor (MDC Net)	64.2	77.9	48.5
23. Unit Cap Factor (DER Net)	61.6	74.7	46.5
24. Unit Forced Outage Rate	23.7	13.6	9.7
25. Forced Outage Hours	170.4	567.5	7,410.8

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

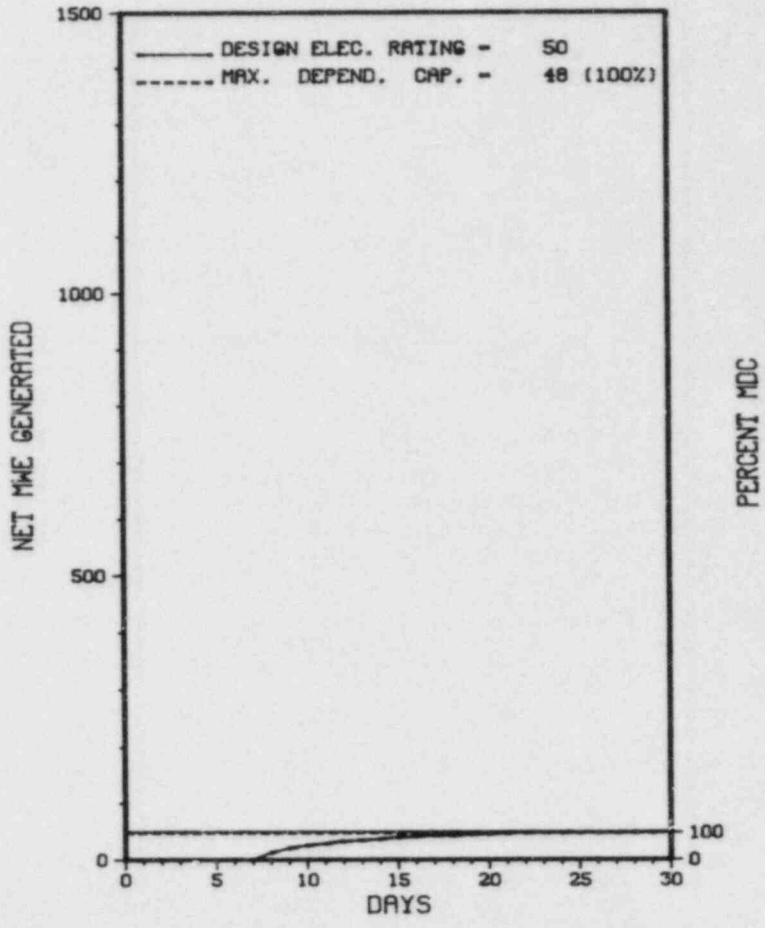
REFUELING, OCTOBER 10, 1984, 6 WEEKS

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

****
* LA CROSSE *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

LA CROSSE



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* LA CROSSE *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-04	05/29/84	F	170.4	A	4	84-07	CB	MECFUN	REPAIRS TO 1A FORCED CIRCULATION PUMP CONTINUED.

****
* SUMMARY *
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LA CROSSE RETURNED ONLINE FROM A REPAIR OUTAGE ON JUNE 8TH AND OPERATED ROUTINELY THE REMAINDER OF JUNE.

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

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* LA CROSSE *
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FACILITY DATA

Report Period JUN 1984

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.....R. DUDLEY
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 MARCH 16 THROUGH MAY 15, (84-04): ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTOR OF LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, OPERATIONAL SAFETY, MAINTENANCE, SURVEILLANCE, LICENSEE EVENT REPORTS, IE BULLETINS, IE CIRCULARS, PERIODIC REPORTS, TESTS AND EXPERIMENTS, PLANT TRIPS, REGULATORY IMPROVEMENT PROGRAM AND NON-ROUTINE EVENTS. THE INSPECTION INVOLVED A TOTAL OF 172 INSPECTOR-OURS ONSITE BY THREE NRC INSPECTORS INCLUDING A TOTAL OF 20 INSPECTOR-HOURS ONSITE DURING BACKSHIFTS. OF THE TWELVE AREAS INSPECTED, TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN TWO AREAS (FAILURE TO PERFORM ADEQUATE POST-MAINTENANCE TESTING ON THE ALTERNATE CORE SPRAY CHECK VALVES AND FAILURE TO PROVIDE ADEQUATE SUPERVISION OF UNLICENSED OPERATORS.

INSPECTION ON MAY 7-11, (84-05): ROUTINE, ANNOUNCED INSPECTION OF THE FOLLOWING AREAS OF THE EMERGENCY PREPAREDNESS PROGRAM: EMERGENCY DETECTION AND CLASSIFICATION; LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED EMERGENCY PREPAREDNESS ITEMS; PROTECTIVE ACTION DECISIONMAKING; NOTIFICATIONS AND COMMUNICATIONS; CHANGES TO THE EMERGENCY PREPAREDNESS PROGRAM; SHIFT STAFFING AND AUGMENTATION; KNOWLEDGE AND PERFORMANCE OF DUTIES (TRAINING); DOSE CALCULATION AND ASSESSMENT; PUBLIC INFORMATION PROGRAM; LICENSEE AUDITS; METEOROLOGICAL MONITORING PROGRAM; AND A MEDICAL DRILL. THE INSPECTION INVOLVED 165 INSPECTION-HOURS BY TWO NRC INSPECTORS AND TWO CONSULTANTS. FOUR APPARENT ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN FOUR AREAS: FAILURE TO MEET SCHEDULED PROCEDURE REQUIREMENTS (CHANGES TO THE EMERGENCY PREPAREDNESS PROGRAM); FAILURE TO ADEQUATELY ADDRESS TRAINING IN THE EMERGENCY PLAN (KNOWLEDGE AND PERFORMANCE OF DUTIES); FAILURE TO ADEQUATELY DISSEMINATE INFORMATION TO THE TRANSIENT POPULATION (PUBLIC INFORMATION PROGRAM): AND FAILURE TO CARRY OUT REQUIRED COMMUNICATIONS CHECKS (NOTIFICATIONS AND COMMUNICATIONS). NO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE REMAINING EIGHT AREAS INSPECTED.

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* LA CROSSE *
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INSPECTION SUMMARY

INSPECTION ON MAY 21-24, (84-08): ROUTINE UNANNOUNCED INSPECTION OF OPERATIONAL RADIATION PROTECTION PROGRAM INCLUDING: MANAGEMENT, STAFFING, ALARA, EXPOSURE CONTROL, SURVEYS, POSTING AND CONTROLS, LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS, AND STATUS OF TMI ACTION ITEMS. THE INSPECTION INVOLVED 35 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

TITLE 10 CFR PART 50, APPENDIX B, CRITERION V, STATES IN PART THAT INSTRUCTIONS OR PROCEDURES SHALL INCLUDE APPROPRIATE QUANTITATIVE OR QUALITATIVE ACCEPTANCE CRITERIA FOR DETERMINING THAT IMPORTANT ACTIVITIES HAVE BEEN SATISFACTORILY ACCOMPLISHED. THE LA CROSSE BOILING WATER REACTOR (LACBWR) TECHNICAL SPECIFICATIONS, PARAGRAPH 5.2.1.3.(B) REQUIRE THAT CONTAINMENT ISOLATION VALVES OTHER THAN IN THE MAIN STEAM AND FEEDWATER SYSTEMS, SHALL NOT EXCEED 1% ALLOWABLE LEAKAGE RATE (ALLOWABLE LEAKAGE RATE AT LACBWR IS 37.5 STANDARD CUBIC FEET PER HOUR (SCFH)). THE TECHNICAL SPECIFICATIONS, PARAGRAPH 4.2.1.1 ALSO REQUIRE IN PART THAT CONTAINMENT INTEGRITY BE MAINTAINED FOR REACTOR OPERATING CONDITIONS 1, 2, AND 3 AND DURING CORE ALTERATIONS, HANDLING OF IRRADIATED FUEL, OR WHEN THERE IS FUEL IN THE REACTOR AND ANY CONTROL ROD IS WITHDRAWN. PARAGRAPH 4.0.1 OF THE TECHNICAL SPECIFICATIONS REQUIRES THAT ALONG WITH OTHER CONDITIONS, THE CONTAINMENT LEAKAGE RATES MUST BE WITHIN THE SPECIFIED LIMITS BEFORE CONTAINMENT INTEGRITY CAN EXIT. CONTRARY TO THE ABOVE, THE JULY 14, 1982 MAINTENANCE REQUEST FOR PERFORMING THE INSERVICE INSPECTION (ISI) ON THE ALTERNATE CORE SPRAY (ACS) CHECK VALVES DID NOT INCLUDE APPROPRIATE ACCEPTANCE CRITERIA FOR DETERMINING THAT THE CONTAINMENT ISOLATION CAPABILITY OF THESE VALVES WAS NOT DEGRADED. SPECIFICALLY, NO TYPE C TEST WAS PERFORMED AT THAT TIME. THEREFORE, CONTAINMENT INTEGRITY CANNOT BE DETERMINED TO HAVE EXISTED FROM JULY 14, 1982 (WHEN WORK BEGAN ON ALTERNATE CORE SPRAY (ACS) CHECK VALVES) TO DECEMBER 15, 1983 (WHEN THERE WAS A SATISFACTORY TYPE C TEST ON THE ACS CHECK VALVES). IT THEREFORE MUST BE ASSUMED THAT THE EXCESS LEAKAGE WAS CAUSED BY ACTIVITIES ASSOCIATED WITH THIS MAINTENANCE REQUEST. A REVIEW OF PLANT RECORDS SHOWS THAT DURING THIS INTERVAL THE PLANT WAS OPERATED IN CONDITIONS WHICH REQUIRE CONTAINMENT INTEGRITY. TITLE 10 CFR PART 55.9(B) REQUIRES THAT AN UNLICENSED INDIVIDUAL WHO MANIPULATES THE CONTROLS (APPARATUS AND MECHANISM THE MANIPULATION OF WHICH DIRECTLY AFFECT THE REACTIVITY OR POWER LEVEL OF THE REACTOR) OF A FACILITY AS PART OF HIS TRAINING, BE UNDER THE DIRECTION AND IN THE PRESENCE OF A LICENSED OPERATOR OR SENIOR OPERATOR. CONTRARY TO THE ABOVE, ON TWO OCCASIONS (APRIL 23, 1984 AND APRIL 24, 1984) AN UNLICENSED OPERATOR AT THE REACTOR CONTROL PANEL MANIPULATED THE CONTROL RODS (WHICH DIRECTLY AFFECTED THE REACTIVITY AND POWER LEVEL OF THE REACTOR) AS PART OF HIS TRAINING WITHOUT ADEQUATE DIRECTION AND WITHOUT ADEQUATE PRESENCE (INSUFFICIENT SUPERVISION) OF THE LICENSED OPERATOR OR SENIOR OPERATOR. AS A RESULT, ON THE FIRST OCCASION (APRIL 23, 1984) CONTROL ROD WITHDRAWAL LIMITS AND POWER LEVEL INCREASE LIMITS AS ESTABLISHED BY THE LA CROSSE BOILING WATER REACTOR OPERATING MANUAL, VOLUME I, SECTIONS 1.2.4(1), (2), AND (3) WERE VIOLATED. ON THE SECOND OCCASION (APRIL 24, 1984) LIMITS ON CONTROL ROD DEVIATIONS FROM THEIR DESIGNATED POSITIONS IN THE CONTROL ROD PATTERN AS ESTABLISHED BY THE LA CROSSE BOILING WATER REACTOR OPERATING MANUAL, VOLUME I, SECTIONS 1.2.5 AND 1.2.6 WERE VIOLATED.
(8404 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

OTHER ITEMS

PLANT STATUS:

THE UNIT IS AT 98% POWER AND IS OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: MAY 21-24, 1984

INSPECTION REPORT NO: 84-08

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

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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: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: DIANA L. LIN (815) 357-6761 X481

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): 1078

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	720.0	4,367.0	4,367.0
13. Hours Reactor Critical	663.4	3,257.8	3,257.8
14. Rx Reserve Shtdwn Hrs	56.6	1,076.3	1,076.3
15. Hrs Generator On-Line	641.1	3,097.7	3,097.7
16. Unit Reserve Shtdwn Hrs	.0	1.0	1.0
17. Gross Therm Ener (MWH)	1,806,185	14,710,143	14,710,143
18. Gross Elec Ener (MWH)	583,251	2,813,123	2,813,123
19. Net Elec Ener (MWH)	557,739	2,677,044	2,677,044
20. Unit Service Factor	89.0	70.9	70.9
21. Unit Avail Factor	89.0	71.0	71.0
22. Unit Cap Factor (MDC Net)	71.9	56.9	56.9
23. Unit Cap Factor (DER Net)	71.9	56.9	56.9
24. Unit Forced Outage Rate	11.0	24.5	24.5
25. Forced Outage Hours	78.9	1,005.4	1,005.4

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

INSPECTION & MAINTENANCE - 10/01/84 - 4 WEEKS

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

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* LASALLE 1 *
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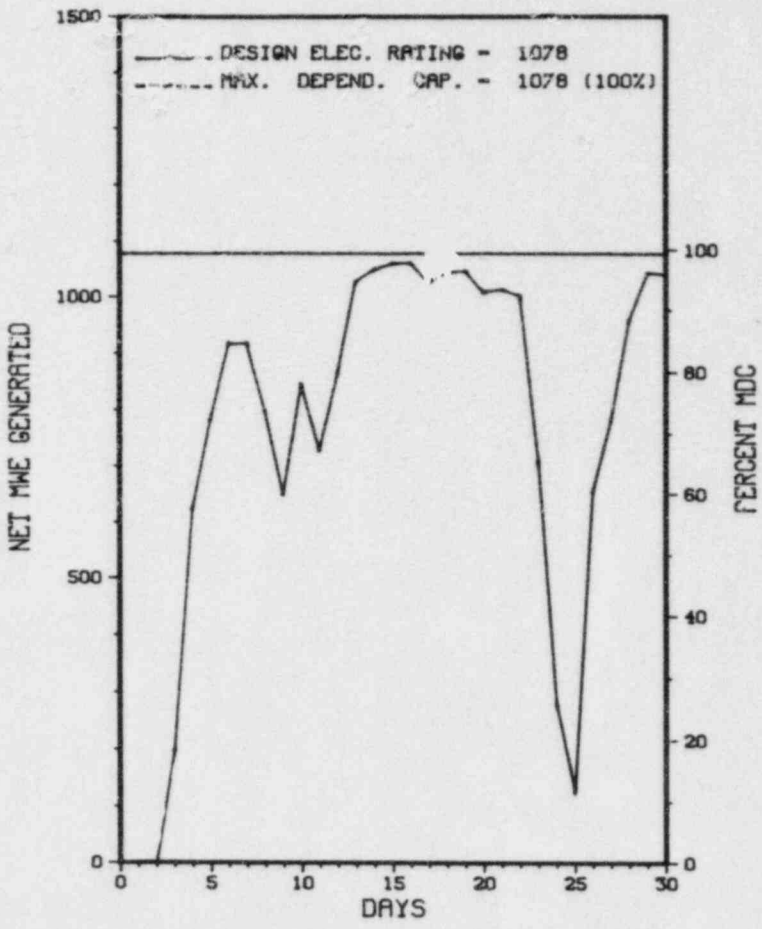
AVERAGE DAILY POWER LEVEL (MWe) PLOT

LASALLE 1



JUNE 1984

Report Period JUN 1984 U N I T S H U T D O W N S / R E D U C T I O N S

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* LASALLE 1 *
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No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
13	05/31/84	F	49.0	A	4				CONTINUATION OF OUTAGE FROM PREVIOUS MONTH. BLOWN LOOP SEALS RESULTING IN LOSS OF CONDENSER VACUUM.
14	06/24/84	F	29.9	A	3				RX SCRAM ON LOW WATER LEVEL RESULTING FROM THE LOSS OF A RX FEED PUMP. PROBLEM STEMMED FROM A MALFUNCTION IN THE RX WATER LEVEL CONTROL LOGIC. WORK PERFORMED UNDER WORK REQUEST L38185.

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* SUMMARY *
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LASALLE 1 RETURNED ONLINE JUNE 3RD FROM EQUIPMENT REPAIR AND OPERATED WITH 1 ADDITIONAL OUTAGE 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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* LASALLE 1 *
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FACILITY DATA

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 APRIL 16 THROUGH MAY 11, (84-03): ROUTINE, UNANNOUNCED INSPECTION CONDUCTED BY RESIDENT INSPECTORS OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; OPERATING EVENTS; SURVEILLANCES; REVIEW OF REPORTS, LICENSEE EVENT REPORTS; PART 21 REPORTS; INDEPENDENT INSPECTION; INFORMATION NOTICES; REGIONAL REQUESTS, AND ASSISTANCE TO HEADQUARTERS. THE INSPECTION INVOLVED A TOTAL OF 183 INSPECTOR-HOURS ONSITE INCLUDING 28 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. IN THE ELEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN NINE AREAS. TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE REMAINING TWO AREAS (FAILURE TO FOLLOW PROCEDURES; AND FAILURE TO MEET TECHNICAL SPECIFICATION REQUIREMENTS ON RWCU).

INSPECTION ON MAY 7-11, (84-12): ROUTINE, ANNOUNCED INSPECTION OF THE FOLLOWING AREAS OF THE EMERGENCY PREPAREDNESS PROGRAM: LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED ITEMS; ACTIVATION OF THE EMERGENCY PLAN; EMERGENCY DETECTION AND CLASSIFICATION; PROTECTIVE ACTION DECISIONMAKING; NOTIFICATIONS AND COMMUNICATIONS; CHANGES TO THE EMERGENCY PREPAREDNESS PROGRAM; SHIFT STAFFING AND AUGMENTATION; TRAINING; DOSE CALCULATIONS AND ASSESSMENT; PUBLIC INFORMATION PROGRAM; AND LICENSEE AUDITS. THE INSPECTION INVOLVED 150 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS AND TWO CONSULTANTS. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED IN ONE AREA (ACTIVATION OF THE EMERGENCY PLAN). NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN THE OTHER AREAS INSPECTED.

INSPECTION ON MAY 15-18 AND 23, (84-13): ROUTINE UNANNOUNCED INSPECTION OF THE OPERATIONAL RADWASTE MANAGEMENT PROGRAM, INCLUDING ORGANIZATION AND STAFFING, GASEOUS RADWASTE, LIQUID RADWASTE, CHEMICAL AND RADIOCHEMICAL TESTS, SOLID RADWASTE, AUDITS, AND SURVEILLANCES. ALSO REVIEWED WERE LICENSEE ACTIONS ON PAST OPEN ITEMS, STARTUP RADIATION SURVEYS, AND AN INCIDENT CONCERNING ACCESS TO A HIGH RADIATION AREA. THE INSPECTION INVOLVED 57 INSPECTOR-HOURS ON SITE BY TWO NRC INSPECTORS. NO VIOLATIONS OR

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* LASALLE 1 *
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INSPECTION SUMMARY

DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 17, (84-15): SECURITY ORGANIZATION - RESPONSE. THE INSPECTION INVOLVED 16 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. THE INSPECTION BEGAN DURING THE DAY SHIFT. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THIS INSPECTION.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: MAY 17, 1984

INSPECTION REPORT NO: 84-15

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-25	05/17/84	06/08/84	LACK OF POSITIVE CONTROL ON ENTRY INTO HIGH RADIATION AREA.
84-26	05/17/84	06/08/84	ELECTRICAL CABLE PENETRATIONS INOPERABLE.
84-27	05/20/84	06/08/84	MISSED OFF GAS HYDROGEN SAMPLE.
84-28	05/13/84	06/11/84	RCIC ISOLATION INBOARD SYSTEM.
84-29	05/31/84	06/13/84	REACTOR SCRAM FROM LOW VACUUM TRIP OF TURBINE GENERATOR.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: ARAS R. LINTAKAS

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	720.0	1,709.9	1,709.9
13. Hours Reactor Critical	613.7	1,337.8	1,337.8
14. Rx Reserve Shtdwn Hrs	106.3	372.1	372.1
15. Hrs Generator On-Line	557.3	1,138.4	1,138.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	892 493	1,480,680	1,480,680
18. Gross Elec Ener (MWH)	249,632	376,516	376,516
19. Net Elec Ener (MWH)	235,000	348,093	348,093
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	23.7	255.5	255.5

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

NONE

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

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* LASALLE 2 *
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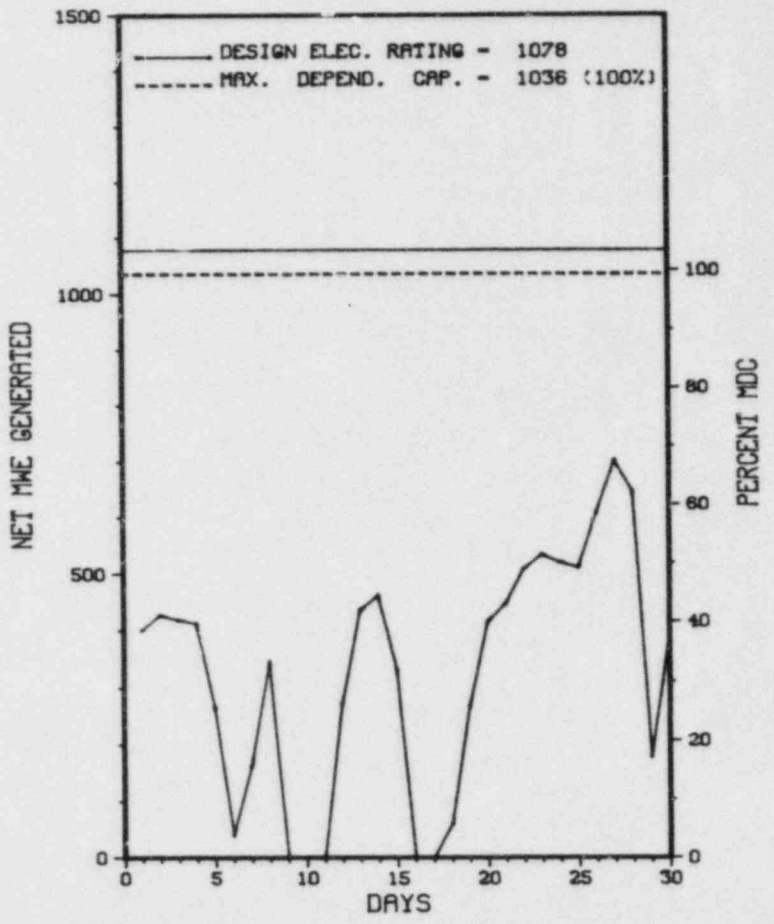
AVERAGE DAILY POWER LEVEL (MWe) PLOT

LASALLE 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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* LASALLE 2 *
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No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
16	06/05/84	F	0.0	H	5				POWER REDUCTION AS A RESULT OF RX WATER HIGH CONDUCTIVITY.
17	06/06/84	F	23.7	G	3				PERSONNEL ERROR WHILE WORKING ON RX WATER LEVEL INSTRUMENTATION. SYSTEM UPSET RESULTED IN TURBINE TRIP & RX SCRAM (RE: LER NO. 84-025-00).
18	06/08/84	S	76.6	B	3				UNIT SHUTDOWN AS A RESULT OF THE "LOSS OF OFFSITE POWER" TEST. (STP-31-2)
19	06/15/84	S	62.4	B	1				UNIT SHUTDOWN TO PERFORM MAINTENANCE WORK.
20	06/29/84	F	0.0	H	5				POWER REDUCTION AS A RESULT OF RX WATER HIGH CONDUCTIVITY.

****
* SUMMARY *
****

LASALLE 2 OPERATED WITH 2 REDUCTIONS AND 3 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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....**********

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.....W. GULDEMOND

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 APRIL 16 THROUGH MAY 11, (84-02): ROUTINE, UNANNOUNCED INSPECTION CONDUCTED BY RESIDENT INSPECTORS OF LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS; OPERATIONAL SAFETY; OPERATING EVENTS; SURVEILLANCES; REVIEW OF REPORTS, LICENSEE EVENT REPORTS; PART 21 REPORTS; INDEPENDENT INSPECTION; INFORMATION NOTICES; REGIONAL REQUESTS, AND ASSISTANCE TO HEADQUARTERS. THE INSPECTION INVOLVED A TOTAL OF 183 INSPECTOR-HOURS ONSITE INCLUDING 28 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. IN THE ELEVEN AREAS INSPECTED, NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN NINE AREAS. TWO ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE REMAINING TWO AREAS (FAILURE TO FOLLOW PROCEDURES; AND FAILURE TO MEET TECHNICAL SPECIFICATION REQUIREMENTS ON RWCU).

INSPECTION ON MAY 7-11, (84-16): ROUTINE, ANNOUNCED INSPECTION OF THE FOLLOWING AREAS OF THE EMERGENCY PREPAREDNESS PROGRAM: LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED ITEMS; ACTIVATION OF THE EMERGENCY PLAN; EMERGENCY DETECTION AND CLASSIFICATION; PROTECTIVE ACTION DECISIONMAKING; NOTIFICATIONS AND COMMUNICATIONS; CHANGES TO THE EMERGENCY PREPAREDNESS PROGRAM; SHIFT STAFFING AND AUGMENTATION; TRAINING; DOSE CALCULATIONS AND ASSESSMENT; PUBLIC INFORMATION PROGRAM; AND LICENSEE AUDITS. THE INSPECTION INVOLVED 150 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS AND TWO CONSULTANTS. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED IN ONE AREA (ACTIVATION OF THE EMERGENCY PLAN). NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN THE OTHER AREAS INSPECTED.

INSPECTION ON MAY 15-18 AND 23, (84-17): ROUTINE UNANNOUNCED INSPECTION OF THE OPERATIONAL RADWASTE MANAGEMENT PROGRAM, INCLUDING ORGANIZATION AND STAFFING, GASEOUS RADWASTE, LIQUID RADWASTE, CHEMICAL AND RADIOCHEMICAL TESTS, SOLID RADWASTE, AUDITS, AND SURVEILLANCES. ALSO REVIEWED WERE LICENSEE ACTIONS ON PAST OPEN ITEMS, STARTUP RADIATION SURVEYS, AND AN INCIDENT CONCERNING ACCESS TO A HIGH RADIATION AREA. THE INSPECTION INVOLVED 57 INSPECTOR-HOURS ON SITE BY TWO NRC INSPECTORS. NO VIOLATIONS OR

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

INSPECTION SUMMARY

DEVIATIONS WERE IDENTIFIED.

INSPECTION ON MAY 17, (84-19): SECURITY ORGANIZATION - RESPONSE. THE INSPECTION INVOLVED 16 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS. THE INSPECTION BEGAN DURING THE DAY SHIFT. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THIS INSPECTION.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

STARTUP TESTING.

LAST IE SITE INSPECTION DATE: MAY 17, 1984

INSPECTION REPORT NO: 84-19

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-18	05/17/84	05/24/84	U2 HPCS PUMP BREAKER MALFUNCTION.
84-19	05/09/84	06/05/84	MISSED 4 HR HYDROGEN SAMPLING OF OFF GAS SYSTEM.
84-20	05/21/84	06/07/84	GENERATOR LOCKOUT AND REACTOR SCRAM.
84-21	05/15/84	06/07/84	REACTOR WATER CLEANUP HI DIFFERENTIAL FLOW ISO.
84-22	05/21/84	06/07/84	LOSS OF POSITIVE CONTROL ON HI RAD. GATE.
84-23	05/29/84	06/11/84	REACTOR WATER CLEANUP ISOLATION.
84-24	05/31/84	06/09/84	LOSS OF RCIC CONTROL AND INSTRUMENT POWER.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: S. BIEMILLER (617) 827-8100

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	720.0	4,367.0	102,059.6
13. Hours Reactor Critical	236.7	2,362.4	80,973.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	136.3	2,244.0	78,323.7
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	130,262	5,29[illegible],800	174,408,588
18. Gross Elec Ener (MWH)	39,140	1,724,240	57,077,390
19. Net Elec Ener (MWH)	35,180	1,661,988	54,363,690
20. Unit Service Factor	18.9	51.4	76.7
21. Unit Avail Factor	18.9	51.4	76.7
22. Unit Cap Factor (MDC Net)	6.0	47.0	67.9*
23. Unit Cap Factor (DER Net)	5.9	46.1	66.0*
24. Unit Forced Outage Rate	23.5	3.6	7.5
25. Forced Outage Hours	41.8	83.8	5,497.2

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

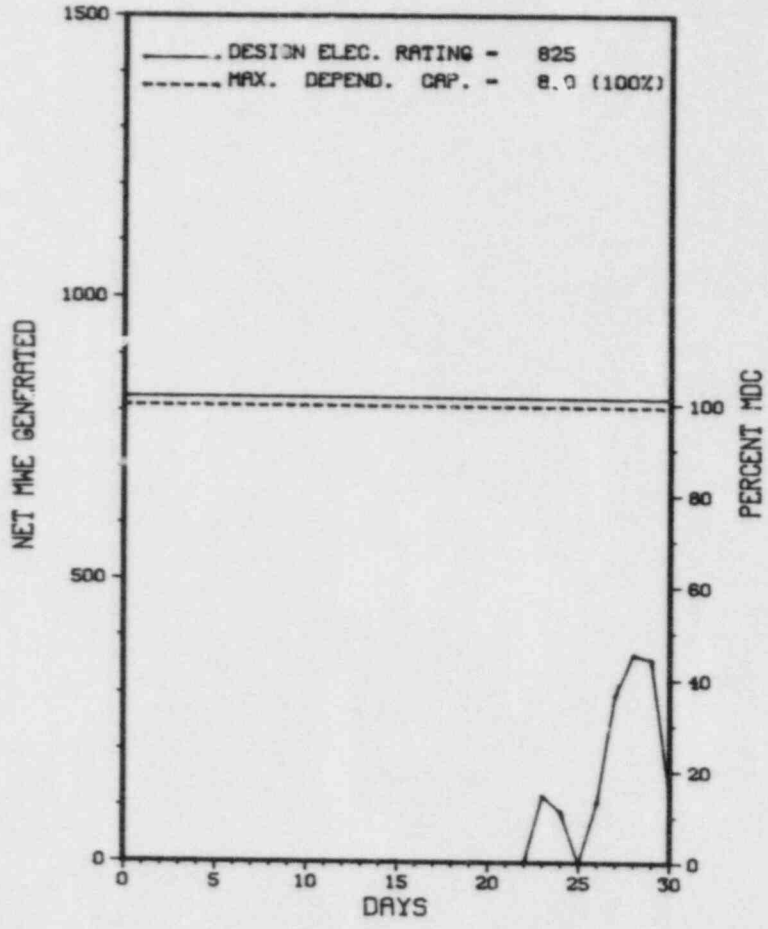
NONE

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MAINE YANKEE



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
2-84-8	03/30/84	S	532.4	C	4		ZZ		SCHEDULED REFUELING SHUTDOWN FOR CORE 7/8 CONCLUDES.
3-84-8	06/22/84	F	0.0	G	5	84-008-00	ZZ		REACTOR TRIP ON LOSS OF LOAD DURING TURBINE TRIP TESTING.
4-84-8	06/24/84	F	41.8	B	1		HH	PUMPXX	GENERATOR TAKEN OFF LINE TO REPAIR A MAIN FEED PUMP CASING DRAIN LEAK.
5-84-8	06/30/84	S	9.5	B	1		ZZ		GENERATOR TAKEN OFF LINE FOR SCHEDULED MAIN TURBINE OVERSPEED TESTING.

****
* SUMMARY *
****

MAINE YANKEE RETURNED ONLINE JUNE 23RD FROM REFUELING AND OPERATED ROUTINELY THE REMAINDER OF 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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* MAINE YANKEE *
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FACILITY DATA

Report Period JUN 1984

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.....K. HEITNER
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

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

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* MAINE YANKEE *
****

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: J. A. REAVIS (704) 373-8552

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	720.0	4,367.0	22,631.0
13. Hours Reactor Critical	700.9	2,676.4	15,204.7
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	699.6	2,620.0	14,569.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,266,395	8,373,750	35,810,819
18. Gross Elec Ener (MWH)	793,547	2,942,967	12,460,091
19. Net Elec Ener (MWH)	763,512	2,811,164	11,767,419
20. Unit Service Factor	97.2	60.0	64.4
21. Unit Avail Factor	97.2	60.0	64.4
22. Unit Cap Factor (MDC Net)	89.9	54.6	44.1
23. Unit Cap Factor (DER Net)	89.9	54.6	44.1
24. Unit Forced Outage Rate	2.8	4.6	18.1
25. Forced Outage Hours	20.4	126.3	3,211.8

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

NONE

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

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* MCGUIRE 1 *
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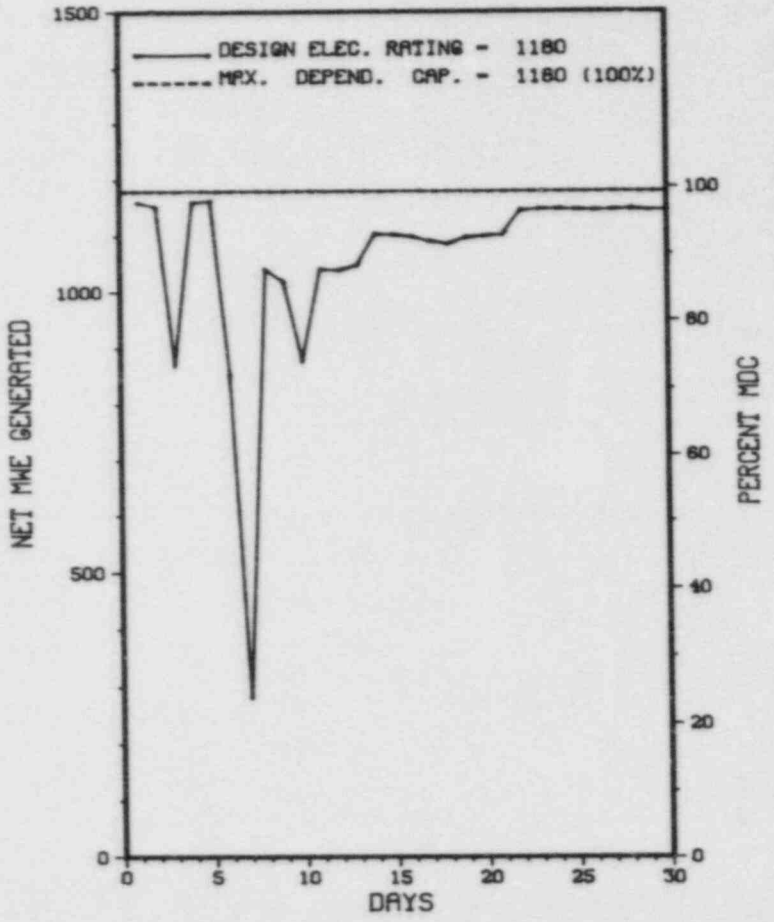
AVERAGE DAILY POWER LEVEL (MWe) PLOT

MCGUIRE 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
11-P	06/02/84	S	0.0	A	5		IB	INSTRU	TROUBLE SHOOT INCORE NUCLEAR INSTRUMENT.
12-P	06/04/84	F	0.0	A	5		SG	BLOWER	BOTH TRAINS OF CONTROL ROOM VENTILATION INOPERABLE.
13-P	06/06/84	F	0.0	H	5		RC	FUELXX	PEAKING FACTOR PROBLEM.
14-P	06/06/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
6	06/06/84	F	20.4	A	3		EB	RELAYX	A FEEDER BREAKER OPENED DUE TO A FAULTY UNDERVOLTAGE RELAY.
15-P	06/07/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
16-P	06/08/84	F	0.0	A	5		HH	PUMPXX	HEATER DRAIN PUMP TRIPPED ON LOW BOOSTER PUMP SUCTION PRESS.
17-P	06/08/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
18-P	06/09/84	S	0.0	A	5		SD	PENETR	PERSONNEL AIRLOCK OPERABILITY PROBLEMS.
19-P	06/10/84	F	0.0	B	5		IB	INSTRU	EXCORE INSTRUMENTATION CALIBRATIONS.
20-P	06/10/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
21-P	06/13/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
22-P	06/17/84	F	0.0	A	5		HH	PUMPXX	REPAIR HEATER DRAIN PUMP.
23-P	06/17/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.
24-P	06/18/84	F	0.0	A	5		HH	INSTRU	REPAIR HEATER DRAIN PUMP SEAL COOLING WATER ROTOMETER.
25-P	06/19/84	F	0.0	H	5		RC	FUELXX	AXIAL FLUX DIFFERENCE LIMITS.

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* SUMMARY *
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MC GUIRE 1 OPERATED WITH 1 OUTAGE AND NUMEROUS REDUCTIONS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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* MCGUIRE 1 *
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FACILITY DATA

Report Period JUN 1984

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.....R. BIRKEL
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 SEPTEMBER 29 - OCTOBER 9, 1983 AND FEBRUARY 27, 1984 (83-39): THIS ROUTINE, SPECIAL UNANNOUNCED INSPECTION INVOLVED 45 INSPECTOR HOURS ON SITE IN THE AREAS OF INSPECTOR FOLLOWUP OF LICENSEE EVENTS. ONE VIOLATION WAS IDENTIFIED (FAILURE TO FOLLOW PROCEDURE IN REMOVING A NUCLEAR SERVICE WATER SYSTEM FROM SERVICE WHICH RENDERED BOTH CONTAINMENT SPRAY SYSTEMS TO BE INOPERABLE).

INSPECTION FEBRUARY 20 - APRIL 20 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 160 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, SAFETY VERIFICATION, SURVEILLANCE TESTING AND MAINTENANCE ACTIVITIES. TWO VIOLATIONS WERE IDENTIFIED (USE OF TWO PROCEDURES FOR ENGINEERED SAFETY FEATURES TEST IN WHICH ONE WAS INADEQUATE AND THE OTHER PROCEDURE WAS NOT FOLLOWED RESULTING IN INADVERTENT TRAIN A BLACKOUT (50-369/84-11-03); AND FAILURE TO PERFORM REQUIRED TESTING RESULTING IN LOSS OF CONTAINMENT INTEGRITY (50-369/84-11-02)).

INSPECTION MAY 15-18 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF FOLLOWUP OF OUTSTANDING ITEMS AND REVIEW OF CORE PERFORMANCE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 20 - MAY 20 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 47 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS SAFETY VERIFICATION, SURVEILLANCE TESTING AND MAINTENANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 11 INSPECTOR HOURS ON SITE IN THE AREAS OF

INSPECTION SUMMARY

LICENSEE ACTION FOR PREVIOUS ENFORCEMENT MATTERS, NUREG-0737 ITEMS, AUDITS, CHEMISTRY PROGRAM, SHIELD SURVEY, EXTERNAL EXPOSURE CONTROL, POSTING, LABELING AND CONTROL, AND INSPECTOR FOLLOWUP ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.8.1 STATES IN PART: WRITTEN PROCEDURES SHALL BE ESTABLISHED, IMPLEMENTED, AND MAINTAINED COVERING THE ACTIVITIES REFERENCED BELOW: (A) THE APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX A OF REGULATORY GUIDE 1.33, REVISION 2, FEBRUARY 1978; (B) THE APPLICABLE PROCEDURES REQUIRED TO IMPLEMENT THE REQUIREMENTS OF NUREG-0737;... PLANT TEST PROCEDURE PT/2/A4208/01B REQUIRES THAT THE CONTAINMENT SPRAY RECIRCULATION VALVE 2NS-8 BE LOCKED CLOSED AT THE CONCLUSION OF THE TEST, AND A SECOND INDEPENDENT VERIFICATION BY A SECOND QUALIFIED INDIVIDUAL OF THE VALVE POSITION IS POSITION IS REQUIRED AT THE CONCLUSION OF THE TEST. CONTRARY TO THE ABOVE, ON SEPTEMBER 14, 1983, AT THE CONCLUSION OF TEST PT/2/A4208/01B, THE UNIT 2 CONTAINMENT SPRAY RECIRCULATION VALVE, 2NS-8, WAS LOCKED OPEN INSTEAD OF CLOSED AS REQUIRED BY PLANT TEST PROCEDURE PT/2/A4208/01B. THE SECOND INDEPENDENT VERIFICATION BY A SECOND QUALIFIED OPERATOR OF THE POSITION OF VALVE 2NS-8 FAILED TO DETECT THAT THE VALVE WAS INCORRECTLY POSITIONED. TECHNICAL SPECIFICATION 3.6.2 STATES: TWO INDEPENDENT CONTAINMENT SPRAY SYSTEMS SHALL BE OPERABLE WITH EACH SPRAY SYSTEM CAPABLE OF TAKING SUCTION FROM THE FWST ON A CONTAINMENT SPRAY ACTUATION SIGNAL AND TRANSFERRING SUCTION TO THE CONTAINMENT SPRAY. WITH ONE CONTAINMENT SPRAY TRAIN INOPERABLE, RESTORE THE INOPERABLE SPRAY TRAIN TO INOPERABLE WITHIN 72 HOURS BE IN AT LEAST HOT STANDBY WITHIN THE NEXT 6 HOURS; RESTORE THE INOPERABLE SPRAY TRAIN TO INOPERABLE STATUS WITHIN THE NEXT 48 HOURS OR BE IN COLD SHUTDOWN WITHIN THE FOLLOWING 30 HOURS. TECHNICAL SPECIFICATION DEFINITIONS DEFINE OPERABLE TO MEAN: A SYSTEM, SUBSYSTEM, TRAIN, COMPONENT OR DEVICE SHALL BE OPERABLE OR HAVE OPERABILITY WHEN IT IS CAPABLE OF PERFORMING ITS SPECIFIED FUNCTION(S), AND WHEN ALL NECESSARY ATTENDANT INSTRUMENTATION, CONTROLS, A NORMAL AND AN EMERGENCY ELECTRICAL POWER SOURCE, COOLING OR SEAL WATER, LUBRICATION OR OTHER AUXILIARY EQUIPMENT THAT ARE REQUIRED FOR THE SYSTEM, SUBSYSTEM, TRAIN, COMPONENT OR DEVICE TO PERFORM ITS FUNCTION(S) ARE ALSO CAPABLE OF PERFORMING THEIR RELATED SUPPORT FUNCTION(S). TECHNICAL SPECIFICATION 3.0.3 STATES IN PART: WHEN A LIMITING CONDITION FOR OPERATION IS NOT MET, EXCEPT AS PROVIDED IN THE ASSOCIATED ACTION REQUIREMENTS, WITHIN ONE HOUR, ACTION SHALL BE INITIATED TO PLACE THE UNIT IN A MODE IN WHICH THE SPECIFICATION DOES NOT APPLY BY PLACING IT, AS APPLICABLE, IN: (1) AT LEAST HOT STANDBY WITHIN THE NEXT 6 HOURS, (2) AT LEAST HOT SHUTDOWN WITHIN THE FOLLOWING 6 HOURS, AND (3) AT LEAST COLD SHUTDOWN WITHIN THE SUBSEQUENT 24 HOURS... CONTRARY TO THE ABOVE REQUIREMENTS, ON SEPTEMBER 28, 1983, UNIT 1 WAS IN OPERATIONAL MODE 1 FOR APPROXIMATELY 4 HOURS A ND 40 MINUTES WITH BOTH TRAINS OF THE CONTAINMENT SPRAY SYSTEM INOPERABLE. DURING THIS TIME, NO ACTION WAS INITIATED PURSUANT TO TECHNICAL SPECIFICATION 3.0.3 TO PLACE UNIT 1 IN WHICH TECHNICAL SPEIFICATION 3.6.2 DID NOT APPLY.
(8339 3)

TECHNICAL SPECIFICATION 4.7.10.2 STATES IN PART THAT: ...REQUIRED SPRAY AND/OR SPRINKLER SYSTEMS SHALL BE DEMONSTRATED OPERABLE... (A) AT LEAST ONCE PER 31 DAYS, BY VERIFYING THAT EACH VALVE (MANUAL, POWER-OPERATED, OR AUTOMATIC) IN THE FLOW PATH IS IN ITS CORRECT POSITION,... CONTRARY TO THE ABOVE, THE 31 DAY SURVEILLANCE FOR THE ANNULUS SPRINKLER SUPPLY VALVE WAS NOT PERFORMED ON UNIT 2 FROM MARCH TO OCTOBER 1983. FAILURE TO PERFORM THE SURVEILLANCE RESULTED IN FIRE PROTECTION SUPPLY VALVE IF989 BEING LEFT MISPOSITIONED FROM FEBRUARY 8 TO OCTOBER 1983.
(8339 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

OTHER ITEMS

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 29 - JUNE 1, 1984 +

INSPECTION REPORT NO: 50-369/84-16 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-014/ - -	04/20/84	05/21/84	PERSONNEL INADVERTENTLY TRIPPED THE NORMAL INCOMING CIRCUIT BREAKER TO ESSENTIAL 4160V SWITCHGEAR 1ETA, DUE TO PERSONNEL ERROR.
84-015/ - -	04/26/84	05/29/84	ROD B-12, IN SHUTDOWN BANK A, FAILED TO INDICATE ITS CORRECT POSITION DUE TO COMPONENT FAILURE.
84-016/ - -	04/28/84	05/31/84	THE UPPER HEAD INJECTION MEMBRANE RUPTURED WHILE OPERATIONS PERSONNEL WERE ALIGNING THE SAFETY INJECTION SYSTEM, DUE TO PROCEDURAL DEFICIENCY.

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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: 06/01/84 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:

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	2,927.0	2,927.0
13. Hours Reactor Critical	713.5	2,756.9	2,756.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	711.6	2,741.4	2,741.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,382,476	9,122,729	9,122,729
18. Gross Elec Ener (MWH)	845,849	3,255,030	3,255,030
19. Net Elec Ener (MWH)	816,201	3,137,591	3,137,591
20. Unit Service Factor	98.8	93.7	93.7
21. Unit Avail Factor	98.8	93.7	93.7
22. Unit Cap Factor (MDC Net)	96.1	90.8	90.8
23. Unit Cap Factor (DER Net)	96.1	90.8	90.8
24. Unit Forced Outage Rate	1.2	3.5	3.5
25. Forced Outage Hours	8.4	99.0	99.0

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

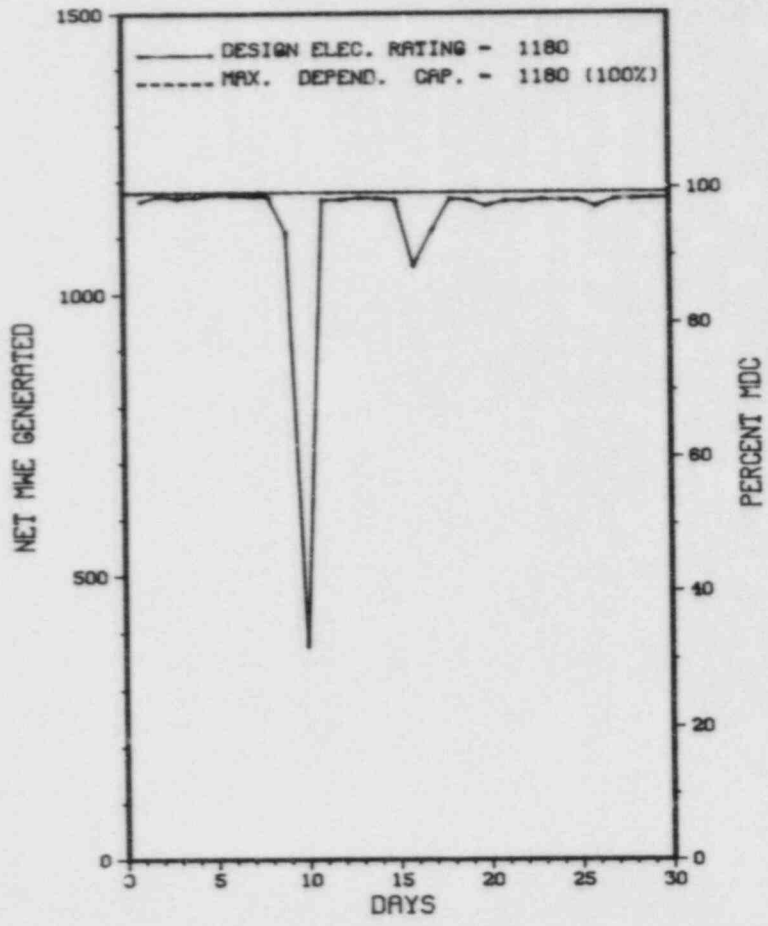
REFUELING - JANUARY 10, 1985 - 9 WEEKS

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

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

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MCGUIRE 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

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

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
25-P	06/01/84	S	0.0	F	5		ZZ	ZZZZZZ	DISPATCH REDUCTION
26-P	06/04/84	F	0.0	A	5		SG	BLOWER	BOTH TRAINS OF CONTROL ROOM VENTILATION INOPERABLE.
8	06/10/84	F	8.4	A	2		HI	VALVEX	REPAIR STEAM GENERATOR BLOWDOWN VALVE.
27-P	06/10/84	F	0.0	A	5		HH	FILTER	CHANGE FEEDWATER PUMP OIL FILTER.
28-P	06/15/84	S	0.0	B	5		IB	INSTRU	INCORE/EXCORE CALIBRATIONS.
29-P	06/20/84	F	0.0	B	5		IB	INSTRU	REACTOR PROTECTION SYSTEM CALIBRATIONS.
30-P	06/24/84	F	0.0	A	5		HH	PUMPXX	REPAIR HEATER DRAIN PUMP.
31-P	06/26/84	F	0.0	B	5		IB	INSTRU	REACTOR PROTECTION SYSTEM CHANNEL FUNCTIONAL TEST.

****
* SUMMARY *
****

MC GUIRE 2 OPERATED WITH SEVERAL REDUCTIONS AND 1 OUTAGE 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

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

FACILITY DATA

Report Period JUN 1984

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.....R. BIRKEL
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 SEPTEMBER 29 - OCTOBER 9, 1983 AND FEBRUARY 27, 1984 (83-46): THIS ROUTINE, SPECIAL UNANNOUNCED INSPECTION INVOLVED 45 INSPECTOR HOURS ON SITE IN THE AREAS OF INSPECTOR FOLLOWUP OF LICENSEE EVENTS. TWO VIOLATIONS WERE IDENTIFIED (MISPOSITIONING OF A CONTAINMENT SPRAY RECIRCULATION VALVE AND FAILURE TO IMPLEMENT PROPER INDEPENDENT VERIFICATION; AND FAILURE TO PERFORM A MONTHLY SURVEILLANCE OF THE ANNULUS SPRINKLER SUPPLY VALVE POSITION WHICH WAS MISPOSITIONED AND RENDERED THE REACTOR BUILDING ANNULUS SPRINKLER SYSTEM TO BE INOPERABLE).

INSPECTION FEBRUARY 20 - APRIL 20 (84-09): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 160 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, SAFETY VERIFICATION, SURVEILLANCE TESTING AND MAINTENANCE ACTIVITIES. ONE VIOLATION WAS IDENTIFIED (FAILURE TO PERFORM REQUIRED TESTING RESULTING IN LOSS OF CONTAINMENT INTEGRITY (50-370/84-09-03).

INSPECTION MAY 15-18 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF FOLLOWUP OF OUTSTANDING ITEMS AND REVIEW OF CORE PERFORMANCE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 20 - MAY 20 (84-12): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 47 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS SAFETY VERIFICATION, SURVEILLANCE TESTING AND MAINTENANCE ACTIVITIES. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 11 INSPECTOR HOURS ON SITE IN THE AREAS OF

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

INSPECTION SUMMARY

LICENSEE ACTION FOR PREVIOUS ENFORCEMENT MATTERS, NUREG-0737 ITEMS, AUDITS, CHEMISTRY PROGRAM, SHIELD SURVEY, EXTERNAL EXPOSURE CONTROL, POSTING, LABELING AND CONTROL, AND INSPECTOR FOLLOWUP ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

MAX POWER LIMIT 50% PENDING STEAM GENERATOR MODIFICATION. DS-416 REACTOR TRIP BREAKER UNDER VOLTAGE COIL PROBLEMS.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN TO COMPLETE WESTINGHOUSE "D-3" STEAM GENERATOR MODIFICATIONS. ALSO, FULL POWER LICENSE ISSUED ON MAY 27, 1983.

LAST IE SITE INSPECTION DATE: MAY 29 - JUNE 1, 1984 +

INSPECTION REPORT NO: 50-370/84-13 +

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
84-010/ - -	04/19/84	05/21/84	UNIT 2 LOADS BEING SUPPLIED BY UNIT 1 SOURCES WERE BEING TRANSFERRED TO UNIT 2 SOURCES DUE TO COMPONENT FAILURE/MALFUNCTIONING CIRCUIT CARD FAILING ALSO DUE TO PERSONNEL ERROR.
84-011/ - -	04/23/84	05/23/84	UNIT 2 WAS IN MODE 1, AT 100% POWER, AT THE TIME OF THE TURBINE/REACTOR TRIP. DUE TO COMPONENT FAILURE DUE TO THE FAILURE OF THE MAIN POWER SUPPLY IN THE PROCESS CONTROL SYSTEM PROTECTION.

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

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: GEORGE HARRAN (203) 447-1791 X4194

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	119,111.0
13. Hours Reactor Critical	68.2	2,573.2	89,337.7
14. Rx Reserve Shtdwn Hrs	.0	.0	2,775.8
15. Hrs Generator On-Line	45.6	2,543.8	86,561.0
16. Unit Reserve Shtdwn Hrs	.0	.0	26.5
17. Gross Therm Ener (MWH)	28,184	4,928,050	157,976,918
18. Gross Elec Ener (MWH)	9,500	1,685,800	53,048,996
19. Net Elec Ener (MWH)	5,350	1,602,258	50,583,515
20. Unit Service Factor	6.3	58.3	72.7
21. Unit Avail Factor	6.3	58.3	72.7
22. Unit Cap Factor (MDC Net)	1.1	56.1	64.9
23. Unit Cap Factor (DER Net)	1.1	55.6	64.3
24. Unit Forced Outage Rate	.0	.0	13.7
25. Forced Outage Hours	.0	.0	5,673.7

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

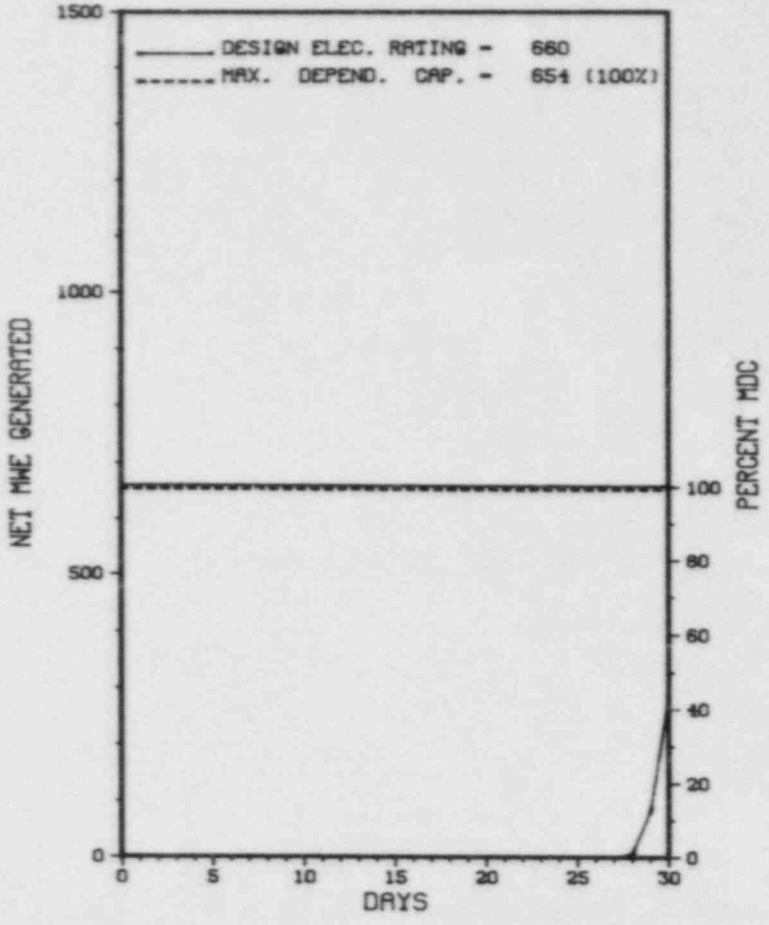
NONE

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

****
* MILLSTONE 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MILLSTONE 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* MILLSTONE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
2A	04/14/84	S	674.4	C	4				REFUELING OUTAGE COMPLETED.

****
* SUMMARY *
****

MILLSTONE 1 RETURNED ONLINE FROM REFUELING ON JUNE 28TH.

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)

****
* MILLSTONE 1 *
****

FACILITY DATA

Report Period JUN 1984

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. SHEDLOSKY

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):

****
* MILLSTONE 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
NO INPUT PROVIDED.			

1. Docket: 50-336 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: J. GIBSON (203) 447-1791 X 4419

4. Licensed Thermal Power (MWt): 2700

5. Nameplate Rating (Gross MWe): 1011 X 0.9 = 910

6. Design Electrical Rating (Net MWe): 870

7. Maximum Dependable Capacity (Gross MWe): 895

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	720.0	4,367.0	74,639.0
13. Hours Reactor Critical	720.0	4,243.9	52,608.8
14. Rx Reserve Shtdwn Hrs	.0	.0	2,166.9
15. Hrs Generator On-Line	720.0	3,941.1	50,123.0
16. Unit Reserve Shtdwn Hrs	.0	.0	468.2
17. Gross Therm Ener (MWH)	1,877,970	10,100,413	126,416,789
18. Gross Elec Ener (MWH)	607,800	3,269,501	41,066,873
19. Net Elec Ener (MWH)	585,656	3,137,558	39,354,306
20. Unit Service Factor	100.0	90.2	67.2
21. Unit Avail Factor	100.0	90.2	67.8
22. Unit Cap Factor (MDC Net)	94.6	83.5	62.7*
23. Unit Cap Factor (DER Net)	93.5	82.6	61.8*
24. Unit Forced Outage Rate	.0	4.2	18.1
25. Forced Outage Hours	.0	173.4	9,796.2

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

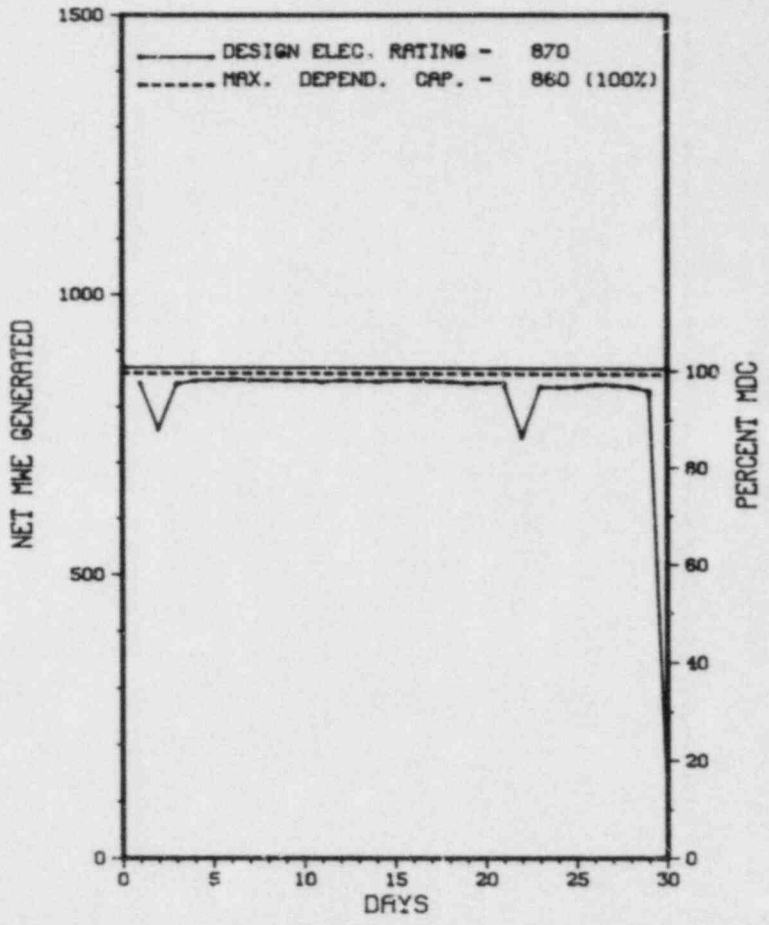
NONE

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

****
* MILLSTONE 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MILLSTONE 2



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* MILLSTONE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5	06/22/84	F	0.0	H	5		AA	ROD	WHILE AT 100% POWER AND DURING CEA MOTION TESTING, CEA DROPPED FULLY INTO THE CORE. POWER WAS REDUCED TO < 70% POWER AND CEA WAS RECOVERED.
6	06/29/84	S	0.0	B	5		SB	SHV	POWER REDUCTION FROM 100% POWER TO 12% POWER FOR REPAIR OF 2-MS-432A/B. VALVES INSIDE CONTAINMENT.

****
* SUMMARY *
****

MILLSTONE 2 OPERATED WITH 2 REDUCTIONS AND NO 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* MILLSTONE 2 *
****

FACILITY DATA

Report Period JUN 1984

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. SHEDLOSKY

LICENSING PROJ MANAGER.....D. OSBORNE
DOCKET NUMBER.....50-336

LICENSE & DATE ISSUANCE....DPR-65, SEPTEMBER 30, 1975

PUBLIC DOCUMENT ROOM.....WATERFORD PUBLIC LIBRARY
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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):

****
* 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.

REPORTS FROM LICENSEE

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: 06/01/84 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): 553

8. Maximum Dependable Capacity (Net MWe): 525

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	720.0	4,367.0	113,976.0
13. Hours Reactor Critical	.0	810.5	89,915.4
14. Rx Reserve Shtdwn Hrs	.0	.0	940.7
15. Hrs Generator On-Line	.0	808.8	88,003.0
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	897,898	141,233,814
18. Gross Elec Ener (MWH)	0	296,117	45,185,053
19. Net Elec Ener (MWH)	-1,164	274,357	43,186,663
20. Unit Service Factor	.0	18.5	77.2
21. Unit Avail Factor	.0	18.5	77.2
22. Unit Cap Factor (MDC Net)	.0	12.0	72.2
23. Unit Cap Factor (DER Net)	.0	11.5	69.5
24. Unit Forced Outage Rate	.0	.0	5.3
25. Forced Outage Hours	.0	.0	1,288.8

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

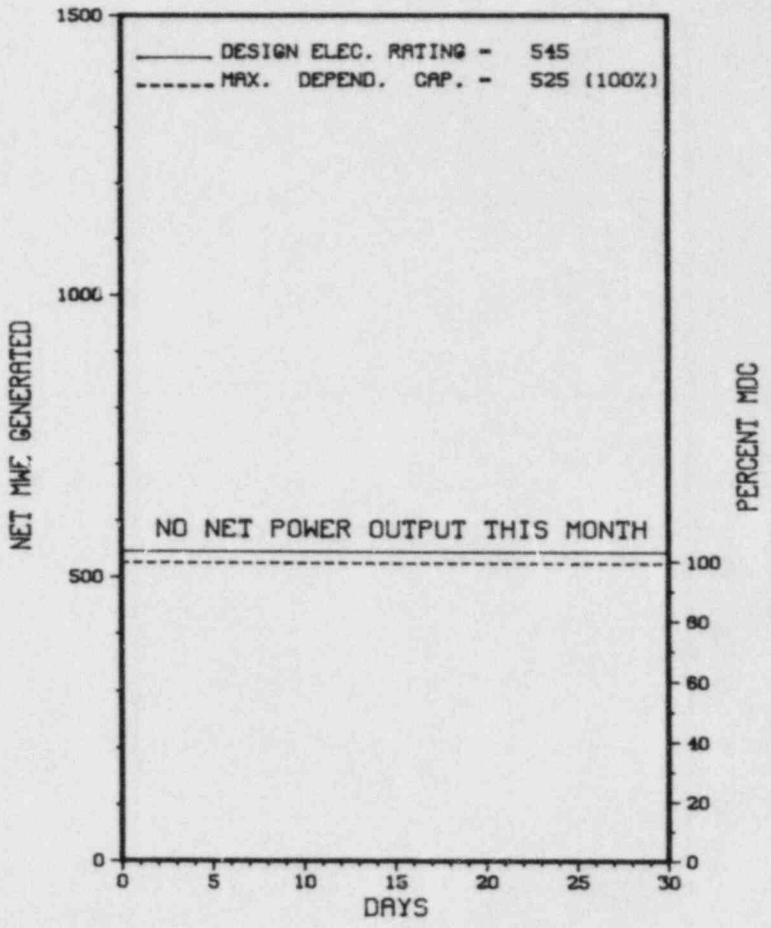
FEB. 3, 1984 - REFUELING OUTAGE - 264 DAYS

27. If Currently Shutdown Estimated Startup Date: 10/24/84

****
* MONTICELLO *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

MONTICELLO



JUNE 1984

Report Period JUN 1984 U N I T S H U T D O W N S / R E D U C T I O N S

****
* MONTICELLO *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
2	02/03/84	S	720.0	C	4		ZZ	ZZZZZZ	CONTINUATION OF 1984 REFUELING OUTAGE.

****
* SUMMARY *
****

MONTICELLO REMAINS SHUTDOWN IN A CONTINUING REFUELING/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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* MONTICELLO *
****

FACILITY DATA

Report Period JUN 1984

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 10, 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.....C. BROWN

LICENSING PROJ MANAGER.....V. ROONEY
DOCKET NUMBER.....50-263

LICENSE & DATE ISSUANCE....DPR-22, JANUARY 9, 1981

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INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

APPENDIX ITEM A THE FOLLOWING EXAMPLES SHOW THAT A DETERMINATION OF NEED FOR CORRECTIVE ACTION WAS NOT PERFORMED AS PRESCRIBED IN PROCEDURE NOP-10-GFI PARAGRAPH 6.1. PROMPT CORRECTION OF SAFETY-RELATED PROBLEMS WERE NOT ASSURED FOR: 1. AUDIT FINDINGS CONTINUING TO REMAIN OPEN 2. CORRECTIVE ACTION REPORTS ADVERSE TO QUALIFY HAVE NOT BEEN REVIEWED (27 NCR'S IN A 10 WEEK PERIOD) 3. SURVEILLANCE IDENTIFIED PROBLEMS REGARDING PURCHASE ORDERS NOT RECEIVING QA APPROVAL PRIOR TO PROCUREMENT. (8407 4)

10 CFR 50, APPENDIX B, CRITERION V, AS IMPLEMENTED BY SECTION 7 OF THE NORTHERN STATES POWER OPERATIONAL QUALITY ASSURANCE PLAN, REQUIRES ACTIVITIES AFFECTING QUALITY TO BE ACCOMPLISHED IN ACCORDANCE WITH INSTRUCTIONS, PROCEDURES, OR DRAWINGS. CONTRARY TO THE ABOVE: 1. NSP PROCEDURE NOP-2-GF2, REVISION 1, "PROJECT QA," REQUIRED THE PROJECT ANALYSIS TO DESIGNATE THE SECTION WORK INSTRUCTIONS (SWI) WHICH WERE TO BE APPLIED TO A SPECIFIC PROJECT; HOWEVER, THE PROJECT ANALYSIS, E-82M003, REVISION 3, DECEMBER 15, 1983, DID NOT IDENTIFY THE SWIS APPLICABLE TO THE RECIRCULATION SYSTEM REPLACEMENT. 2. ADMINISTRATIVE WORK INSTRUCTION 4AWI-5.1.1 REQUIRED THE PREVENTATIVE MAINTENANCE SCHEDULE TO BE REVIEWED BY THE OPERATIONS COMMITTEE FOR VERIFICATION OF ADEQUACY

ENFORCEMENT SUMMARY

AND COMPLETED PM SCHEDULES SUBMITTED FOR RECORD STORAGE BY RECORDS MANAGEMENT. PREVENTATIVE MAINTENANCE (PM) SCHEDULE DATED JANUARY 23, 1984, WAS NOT REVIEWED BY THE OPERATIONS COMMITTEE AND COMPLETED PM SCHEDULES WERE NOT BEING SUBMITTED TO RECORDS MANAGEMENT FOR RECORD RETENTION AS REQUIRED. 3. THE LICENSEE ISSUED A CHANGE NUMBER 002 TO THE PURCHASE ORDER A-97313 CQ TO ADD PIPE WHIP RESTRAINTS FOR THE RECIRCULATION SYSTEM REPLACEMENT PIPING WITHOUT OBTAINING THE REQUIRED QUALITY ASSURANCE REVIEW AND SIGNATURE OF APPROVAL. 4. THE LICENSEE ISSUED REVISIONS 2 AND 3 OF THE BECHTEL DESIGN SPECIFICATION 10040-M-401(Q) FOR REPLACEMENT OF THE REACTOR RECIRCULATION SYSTEM PIPING WITHOUT OBTAINING THE REQUIRED REVIEW AND SIGNATURE OF APPROVAL BY THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THE ORIGINAL SPECIFICATION AND REVISION NUMBER 1. 10 CFR 50 APPENDIX B, CRITERION XV, AS IMPLEMENTED BY THE NORTHERN STATES POWER'S OPERATIONAL QUALITY ASSURANCE PLAN, REQUIRES THAT NONCONFORMING MATERIALS, PARTS, OR COMPONENTS BE CONTROLLED TO PREVENT THEIR INADVERTENT USE OR INSTALLATION. THIS CONTROL MUST INCLUDE, AS APPROPRIATE, PROCEDURES FOR IDENTIFICATION, DOCUMENTATION, SEGREGATION, DISPOSITION AND NOTIFICATION TO AFFECTED ORGANIZATIONS. THE NORTHERN STATES POWER OPERATIONAL QUALITY ASSURANCE PLAN COMMITS TO ANSI N18.7-1976 WITH LISTED EXCEPTIONS. SECTION 5.2.14 OF THIS DOCUMENT STATES IN PART, "MEASURES WHICH CONTROL FURTHER PROCESSING, DELIVERY OR INSTALLATION OF A NONCONFORMING OR DEFECTIVE ITEM PENDING A DECISION ON ITS DISPOSITION SHALL BE ESTABLISHED AND MAINTAINED. ...SUCH MEASURES SHALL PROVIDE ASSURANCE THAT THE ITEM IS IDENTIFIED AS NONCONFORMING AND CONTROLLED. CONTRARY TO THE ABOVE, NORTHERN STATES POWER COMPANY PROCEDURE NOP-9-GF1 ENTITLED "NONCONFORMANCE CONTROL" ALLOWED NONCONFORMING ITEMS TO BE ACCEPTED FOR USE BY: (1) ENGINEERING CHANGE REQUESTS, (2) NDE RECORDS, (3) PUNCH LISTS, OR (4) OTHER RECORD FORMS. THE PROCEDURE REQUIRED MANDATORY USE OF THE NONCONFORMANCE CONTROL SYSTEM ONLY AFTER AN ITEM OR INSTALLATION HAS BEEN ACCEPTED BY QUALITY CONTROL. THE ALTERNATE METHODS FOR CONTROLLING NONCONFORMING ITEMS DID NOT REQUIRE IDENTIFICATION AND DOCUMENTATION OF THE ITEM AS NONCONFORMING NOR DID THEY PROVIDE CONTROLS FOR SEGREGATION, DISPOSITION, NOTIFICATION AND MEASURES TO PREVENT FURTHER PROCESSING OR INSTALLATION.
(8407 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE PLANT IS SHUT DOWN FOR A 6 MONTH OUTAGE. THE MAJOR ACTIVITY DURING THE OUTAGE WILL BE REPLACEMENT OF THE RECIRCULATION SYSTEM PIPING.

LAST IE SITE INSPECTION DATE: JUNE 1-30, 1984

INSPECTION REPORT NO: 84-12

REPORTS FROM LICENSEE

MONTICELLO

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

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1. Docket: 50-220 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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	720.0	4,367.0	128,543.0
13. Hours Reactor Critical	252.5	2,081.0	88,383.5
14. Rx Reserve Shtdwn Hrs	.0	.0	1,204.2
15. Hrs Generator On-Line	193.0	2,018.5	85,506.6
16. Unit Reserve Shtdwn Hrs	.0	.0	20.2
17. Gross Therm Ener (MWH)	276,249	3,338,771	141,433,128
18. Gross Elec Ener (MWH)	89,114	1,123,398	46,755,180
19. Net Elec Ener (MWH)	86,220	1,088,143	45,282,902
20. Unit Service Factor	26.8	46.2	66.5
21. Unit Avail Factor	26.8	46.2	66.5
22. Unit Cap Factor (MDC Net)	19.6	40.8	57.8
23. Unit Cap Factor (DER Net)	19.3	40.2	56.8
24. Unit Forced Outage Rate	.0	.0	17.0
25. Forced Outage Hours	.0	.0	12,940.9

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

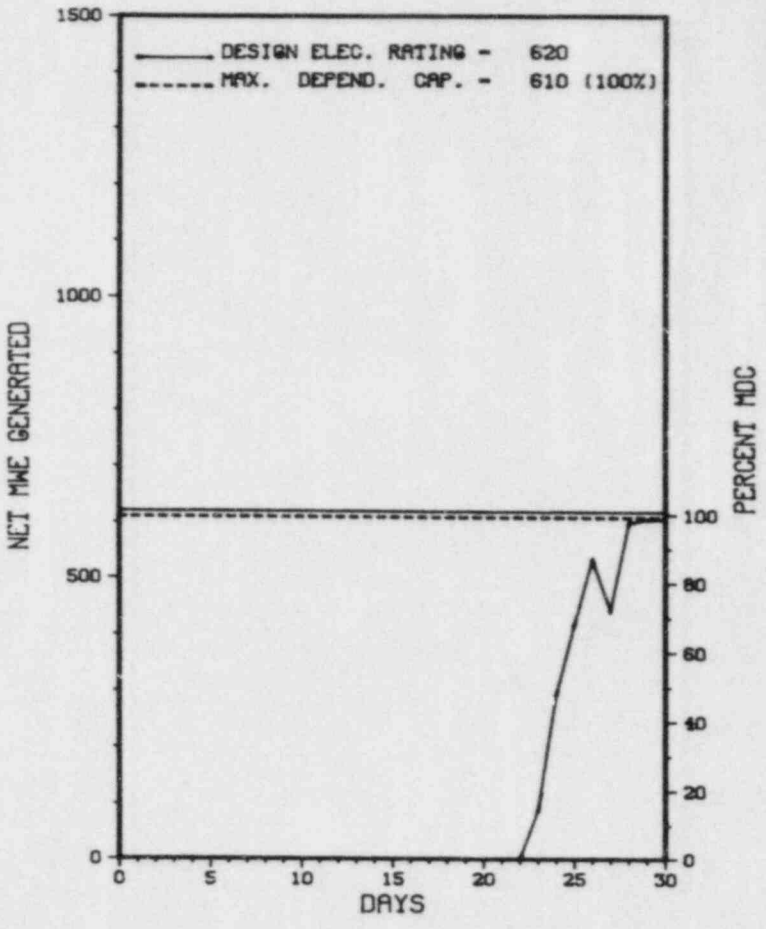
NONE

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

****
* NINE MILE POINT 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

NINE MILE POINT 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

NINE MILE POINT 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
8401	03/17/84		384.5	C	4				UNIT SHUTDOWN FOR BIENNIAL REFUEL AND OVERHAUL.
8402	06/14/84	S	23.0	A	9				ELECTROMATIC 112 AND 121 STUCK-OPEN; ELECTROMATIC 113 DID NOT OPEN.
8403	06/17/84	S	115.5	A	9				ELECTROMATIC 121 STUCK OPEN; ELECTROMATIC 112, 113, AND 123 LEAKED AFTER TEST.
8404	06/22/84	S	3.5	B	9				GENERATOR SEQUENTIAL TRIP TEST.
8405	06/23/84	S	0.5	B	1				TURBINE OVERSPEED TRIP TEST.
8406	06/27/84	F	0.0	A	5				LOAD REDUCTION TO 36% POWER BECAUSE OF FIRE ON #13 FEEDWATER PUMP.

SUMMARY

NINE MILE POINT 1 COMPLETED REFUELING ON JUNE 22 AND INCURRED 4 SHUTDOWNS DURING 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 & License Examination	5-Reduced Load	Licensee Event Report
	F-Admin	9-Other	(LER) File (NUREG-0161)
	G-Oper Error		
	H-Other		

****
* NINE MILE POINT 1 *
****

FACILITY DATA

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

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

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

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

1. Docket: 50-338 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: JOAN N. LEE (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): 937
8. Maximum Dependable Capacity (Net MWe): 890
9. If Changes Occur Above Since Last Report, Give Reasons:
CHANGES IN GROSS AND NET
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:
NONE

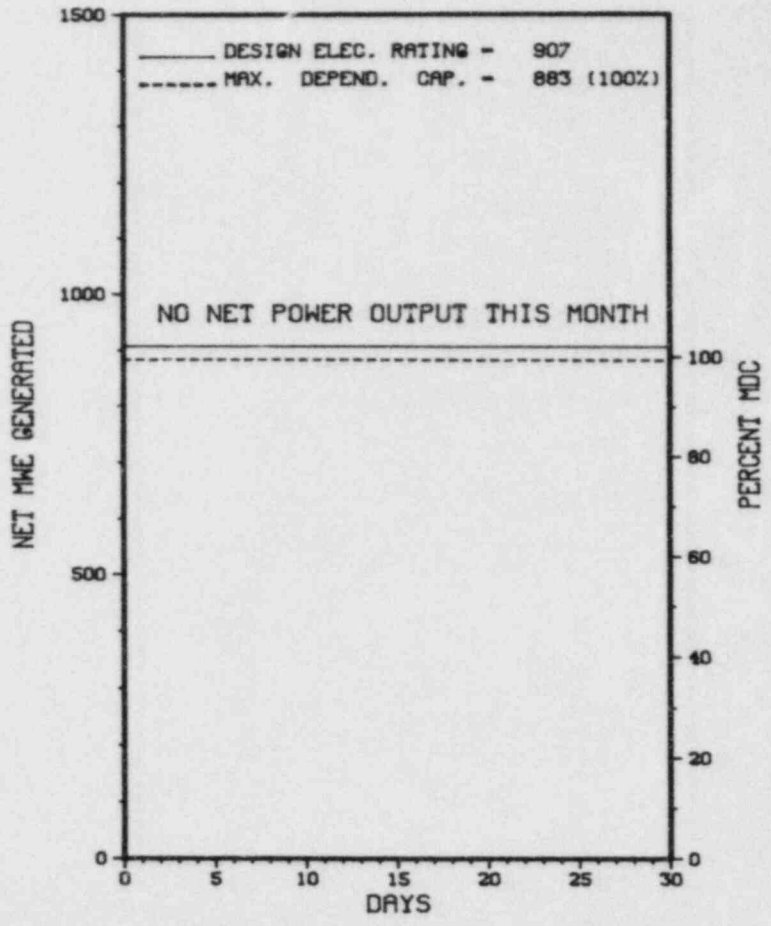
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	53,208.0
13. Hours Reactor Critical	.0	2,442.3	36,029.4
14. Rx Reserve Shtdwn Hrs	.0	7.1	2,182.8
15. Hrs Generator On-Line	.0	2,420.9	35,081.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	6,596,736	91,652,513
18. Gross Elec Ener (MWH)	0	2,238,267	29,622,453
19. Net Elec Ener (MWH)	0	2,126,605	27,957,819
20. Unit Service Factor	.0	55.4	65.9
21. Unit Avail Factor	.0	55.4	65.9
22. Unit Cap Factor (MDC Net)	.0	55.1	59.5
23. Unit Cap Factor (DER Net)	.0	53.7	57.9
24. Unit Forced Outage Rate	.0	23.7	13.4
25. Forced Outage Hours	.0	752.2	5,320.4

26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
FALL MAINTENANCE, 11-23-84, 10 DAYS.
27. If Currently Shutdown Estimated Startup Date: 08/08/84

****
* NORTH ANNA 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

NORTH ANNA 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

NORTH ANNA 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-14	05/11/84	S	720.0	C	4		RC	FUELXX	REFUELING OUTAGE CONTINUED THROUGH THE MONTH.

SUMMARY

NORTH ANNA 1 REMAINED SHUT DOWN FOR REFUELING DURING ALL OF 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)

****
* NORTH ANNA 1 *
****

FACILITY DATA

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 ELECTRIC & 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. JOHNSON

LICENSING PROJ MANAGER.....L. ENGLE
DOCKET NUMBER.....50-338

LICENSE & DATE ISSUANCE....NPF-4, APRIL 1, 1978

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UNIV. OF VIRGINIA/CHARLOTTESVILLE VA 22901
& LOUISA COUNTY COURTHOUSE,
LOUISA, VA 23093

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 6 - MAY 5 (84-09): THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTOR INVOLVED 78 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE AND MAINTENANCE ACTIVITIES, FOLLOWUP OF PREVIOUSLY IDENTIFIED ITEMS, FOLLOWUP OF I/E BULLETINS, SAFETY SYSTEM WALKDOWNS, FOLLOWUP OF LICENSEE EVENT REPORTS (LER), ANNUAL CALIBRATION, ANNUAL MAINTENANCE, AND TMI ACTION PLAN ITEMS. OF THE 9 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN 8 AREAS. ONE APPARENT VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO ESTABLISH ACCEPTANCE CRITERIA IN PERIODIC TIME RESPONSE TEST, PARAGRAPH 12).

INSPECTION MAY 6 - JUNE 5 (84-12): THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTORS INVOLVED 108 INSPECTOR HOUR, ON SITE IN THE AREAS OF SURVEILLANCE AND MAINTENANCE ACTIVITIES, FOLLOWUP OF PREVIOUS INSPECTION FINDINGS, IE CIRCULARS AND BULLETINS, SAFETY SYSTEM WALKDOWNS, FOLLOWUP OF LICENSEE EVENT REPORTS, TMI ACTION PLAN ITEMS, AND ANNUAL EQUIPMENT CALIBRATION. OF THE 8 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-18 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 20 INSPECTOR HOURS ON SITE IN THE AREAS OF PREPARATION FOR REFUELING (60705) AND PLANT TOUR (71302). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE TESTING AND CALIBRATION CONTROL AND INDEPENDENT INSPECTION EFFORT. OF THE TWO AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION SUMMARY

INSPECTION MAY 29 - JUNE 1 (84-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 26 INSPECTOR HOURS ON SITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, NON-LICENSED PERSONNEL TRAINING, AND LICENSED OPERATOR REQUALIFICATION TRAINING PROGRAM. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF MAINTENANCE OF 4160 VOLT BREAKERS, PROTECTIVE RELAY SETTINGS, AND FOLLOWUP ON REACTOR TRIP BREAKER PROBLEMS. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29-31 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 12 INSPECTOR HOURS ON SITE IN THE AREAS OF PREVIOUS IDENTIFIED UNRESOLVED, INSPECTOR FOLLOWUP ITEMS AND HEALTH PHYSICS TRAINING FOR ISSUANCE OF EXPIRED BADGE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-18): THE INSPECTION INVOLVED 15 INSPECTOR HOURS ON SITE BY ONE NRC INSPECTOR. ONE HOUR WAS ACCOMPLISHED DURING OFFSHIFT PERIODS. THE INSPECTION INCLUDED REVIEW OF TESTING AND MAINTENANCE, PHYSICAL BARRIERS (PROTECTED AND VITAL AREAS), ASSESSMENT AIDS, ACCESS CONTROL (PERSONNEL, PACKAGES, AND VEHICLES), DETECTION AIDS (PROTECTED AND VITAL AREAS), ALARM STATIONS, AND COMMUNICATIONS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION EXCEPT FOR THE FOLLOWING ITEM: ACCESS CONTROL-PERSONNEL.

INSPECTION JUNE 6 (84-25): THIS SPECIAL, ANNOUNCED INSPECTION ENTAILED TWO INSPECTOR HOURS ON SITE DURING REGULAR HOURS, INSPECTING A LICENSEE REPORTED PHYSICAL SECURITY EVENT. ONE VIOLATION WAS IDENTIFIED - FAILURE TO POSITIVELY CONTROL ALL POINTS OF ACCESS INTO A VITAL AREA.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.8.1.C REQUIRES, IN PART, THAT WRITTEN PROCEDURES BE ESTABLISHED COVERING SURVEILLANCE AND TEST ACTIVITIES OF SAFETY-RELATED EQUIPMENT. ANSI N18.7-1976, TO WHICH THE LICENSEE IS COMMITTED, REQUIRES THAT PROCEDURES INCORPORATE OR REFERENCE REQUIREMENTS AND ACCEPTANCE LIMITS. CONTRARY TO THE ABOVE, 1 AND 2 PT 36.7.5 "ENGINEERED SAFEGUARD FEATURES PUMP RESPONSE TIMES" AND NUMEROUS OTHER TIME RESPONSE TESTING PERIODIC TESTS DO NOT CONTAIN ADEQUATE ACCEPTANCE CRITERIA IN THAT THE ACCEPTANCE CRITERIA OF THESE PROCEDURES DO NOT SPECIFY ACCEPTANCE LIMITS.
(8409 4)

IMPROPER BADGE ISSUE.
(8418 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

OTHER ITEMS

PLANT STATUS:

+ REFUELING.

LAST IE SITE INSPECTION DATE: JUNE 6, 1984 +

INSPECTION REPORT NO: 50-338/84-25 +

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
84-004/ - -	05/02/84	05/24/84	THE PRELIMINARY RESULTS OF A FIRE PROTECTION PROGRAM RE-ANALYSIS WAS SUBMITTED TO NRC/NRR DIV OF LICENSING.
84-005/ - -	02/02/84	05/05/84	A CONDUIT SEAL HAD NOT BEEN INSTALLED PROPERLY ALTHOUGH THE EVENT WAS A RESULT OF PERSONNEL ERRORS, OTHER METHODS OF SEALING ARE BEING EVALUATED.

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1. Docket: 50-339 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: JOAN N. LEE (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): 939

8. Maximum Dependable Capacity (Net MWe): 890

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	720.0	4,367.0	31,079.0
13. Hours Reactor Critical	713.7	4,022.5	23,669.4
14. Rx Reserve Shtdwn Hrs	.0	14.6	2,254.6
15. Hrs Generator On-Line	692.4	3,922.7	23,200.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,917,911	10,314,297	60,735,327
18. Gross Elec Ener (MWH)	632,763	3,394,768	20,131,135
19. Net Elec Ener (MWH)	599,181	3,217,845	19,069,927
20. Unit Service Factor	96.2	89.8	74.6
21. Unit Avail Factor	96.2	89.8	74.6
22. Unit Cap Factor (MDC Net)	93.5	82.8	68.9
23. Unit Cap Factor (DER Net)	91.8	81.2	67.7
24. Unit Forced Outage Rate	3.8	3.6	13.4
25. Forced Outage Hours	27.6	148.6	3,596.1

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

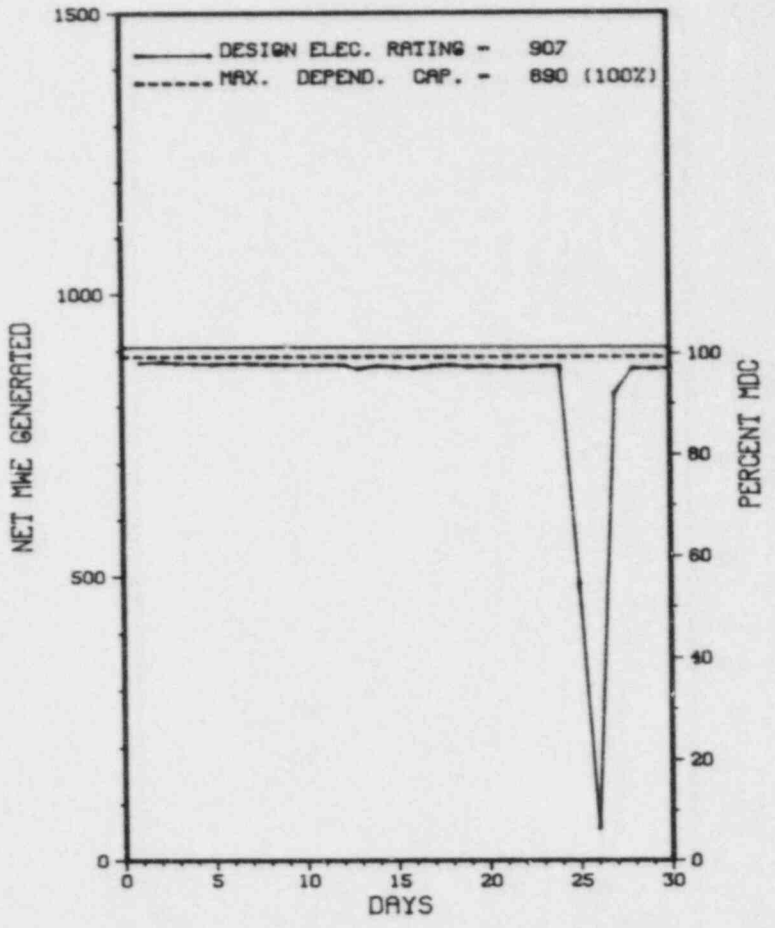
REFUELING OUTAGE SCHEDULED 08-17-84, 52 DAYS.

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

****
* NORTH ANNA 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

NORTH ANNA 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* NORTH ANNA 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-31	06/16/84	S	0.0	B	5				RAMPED DOWN TO 90% FOR TURBINE VALVE FREEDOM TEST. UNIT RETURNED TO FULL POWER.
84-32	06/25/84	F	27.6	A	3	84-005			UNIT 2 REACTOR TRIP DUE TO BROKEN AIR LINE TO "A" MAIN FEED REGULATOR VALVE. REPAIRS WERE MADE BY INSTALLING FLEXIBLE AIR LINES ON ALL MAIN FEED REGULATOR VALVES.

****
* SUMMARY *
****

NORTH ANNA 2 EXPERIENCED 1 REACTOR TRIP IN JUNE 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* NORTH ANNA 2 *
****

FACILITY DATA

Report Period JUN 1984

FACILITY DESCRIPTION

LOCATION
STATE.....VIRGINIA

COUNTY.....LOUISA

DIST AND DIRECTION FROM NEAREST POPULATION CTR...40 MI NW OF RICHMOND, VA

TYPE OF REACTOR.....PWR

DATE INITIAL CRITICALITY...JUNE 12, 1980

DATE ELEC ENER 1ST GENER...AUGUST 25, 1980

DATE COMMERCIAL OPERATE....DECEMBER 14, 1980

CONDENSER COOLING METHOD...ONCE THRU

CONDENSER COOLING WATER....LAKE ANNA

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

UTILITY & CONTRACTOR INFORMATION

UTILITY
LICENSEE.....VIRGINIA ELECTRIC & POWER

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. JOHNSON

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 6 - MAY 5 (84-09): THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTORS INVOLVED 78 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE AND MAINTENANCE ACTIVITIES, FOLLOWUP OF PREVIOUSLY IDENTIFIED ITEMS, FOLLOWUP OF I/E BULLETINS, SAFETY SYSTEM WALKDOWNS, FOLLOWUP OF LICENSEE EVENT REPORTS (LER), ANNUAL CALIBRATION, ANNUAL MAINTENANCE, AND TMI ACTION PLAN ITEMS. OF THE 9 AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN 8 AREAS. ONE APPARENT VIOLATION WAS IDENTIFIED IN ONE AREA (FAILURE TO ESTABLISH ACCEPTANCE CRITERIA IN PERIODIC TIME RESPONSE TEST, PARAGRAPH 12).

INSPECTION MAY 6 - JUNE 5 (84-12): THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTORS INVOLVED 108 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE AND MAINTENANCE ACTIVITIES, FOLLOWUP OF PREVIOUS INSPECTION FINDINGS, IE CIRCULARS AND BULLETINS, SAFETY SYSTEM WALKDOWNS, FOLLOWUP OF LICENSEE EVENT REPORTS, TMI ACTION PLAN ITEMS, AND ANNUAL EQUIPMENT CALIBRATION. OF THE EIGHT AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF SURVEILLANCE TESTING AND CALIBRATION CONTROL AND INDEPENDENT INSPECTION EFFORT. OF THE TWO AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 26 INSPECTOR HOURS ON SITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS, NON-LICENSED PERSONNEL TRAINING, AND LICENSED OPERATOR REQUALIFICATION TRAINING PROGRAM. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

****
* NORTH ANNA 2 *
****

INSPECTION SUMMARY

INSPECTION MAY 21-25 (84-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF MAINTENANCE OF 4160 VOLT BREAKERS, PROTECTIVE RELAY SETTINGS, AND FOLLOWUP ON REACTOR TRIP BREAKER PROBLEMS. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-18 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 20 INSPECTOR HOURS ON SITE IN THE AREAS OF PREPARATION FOR REFUELING (60705) AND PLANT TOUR (71302). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29-31 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 12 INSPECTOR HOURS ON SITE IN THE AREAS OF PREVIOUS IDENTIFIED UNRESOLVED, INSPECTOR FOLLOWUP ITEMS AND HEALTH PHYSICS TRAINING FOR ISSUANCE OF EXPIRED BADGE. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-18): THE INSPECTION INVOLVED 15 INSPECTOR HOURS ON SITE BY ONE NRC INSPECTOR. TWO HOURS WERE ACCOMPLISHED DURING OFFSHIFT PERIODS. THE INSPECTION INCLUDED REVIEW OF TESTING AND MAINTENANCE, PHYSICAL BARRIERS (PROTECTED AND VITAL AREAS), ASSESSMENT AIDS, ACCESS CONTROL (PERSONNEL, PACKAGES, AND VEHICLES), DETECTION AIDS (PROTECTED AND VITAL AREAS), ALARM STATIONS, AND COMMUNICATIONS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE AREAS EXAMINED DURING THE INSPECTION EXCEPT FOR THE FOLLOWING ITEM: ACCESS CONTROL-PERSONNEL.

INSPECTION JUNE 6 (84-25): THIS SPECIAL, ANNOUNCED INSPECTION ENTAILED TWO INSPECTOR HOURS ON SITE DURING REGULAR HOURS INSPECTING A LICENSEE REPORTED PHYSICAL SECURITY EVENT. ONE VIOLATION WAS IDENTIFIED - FAILURE TO POSITIVELY CONTROL ALL POINTS OF ACCESS INTO A VITAL AREA.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

ROUTINE OPERATION.

LAST IE SITE INSPECTION DATE: JUNE 6, 1984 +

INSPECTION REPORT NO: 50-339/84-25 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-002/ - -	05/05/84	05/17/84	UNIT 2 MANUALLY TRIPPED FROM 2% POWER AFTER RECEIVING AN AUTOMATIC TURBINE TRIP SIGNAL AND A LOSS OF NORMAL FEEDWATER. THE UNIT WAS STABLE IN MODE 3 IMMEDIATELY AFTER THE TRIP.
84-003/ - -	05/05/84	05/17/84	UNIT 2 WAS TAKEN OFF-LINE IN ORDER TO PERFORM MAINTENANCE AND TESTING ON THE REACTOR TRIP BREAKERS. SEVERAL MINOR PROBLEMS WERE DISCOVERED, NONE OF WHICH WOULD HAVE IMPAIRED BREAKERS.
84-004/ - -	03/08/84	05/31/84	THE THERMAL OVERLOAD DEVICES ON SAFETY RELATED MOTOR OPERATED VALVES HAD NOT BEEN CALIBRATED WITHIN THE SPECIFIED SURV INTERVAL, THE CAUSE OF THE MISSED SURV WAS DUE TO PERSONNEL ERROR.

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1. Docket: 50-269 OPERATING STATUS

2. Reporting Period: 06/01/84 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	720.0	4,367.0	96,072.0
13. Hours Reactor Critical	720.0	4,342.1	68,883.1
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	720.0	4,334.0	65,723.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,848,945	11,089,545	157,387,577
18. Gross Elec Ener (MWH)	646,450	3,893,740	54,761,970
19. Net Elec Ener (MWH)	617,887	3,726,293	51,891,844
20. Unit Service Factor	100.0	99.2	68.4
21. Unit Avail Factor	100.0	99.2	68.4
22. Unit Cap Factor (MDC Net)	99.8	99.2	62.7*
23. Unit Cap Factor (DER Net)	96.8	96.2	61.0*
24. Unit Forced Outage Rate	.0	.8	16.5
25. Forced Outage Hours	.0	33.0	12,080.6

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

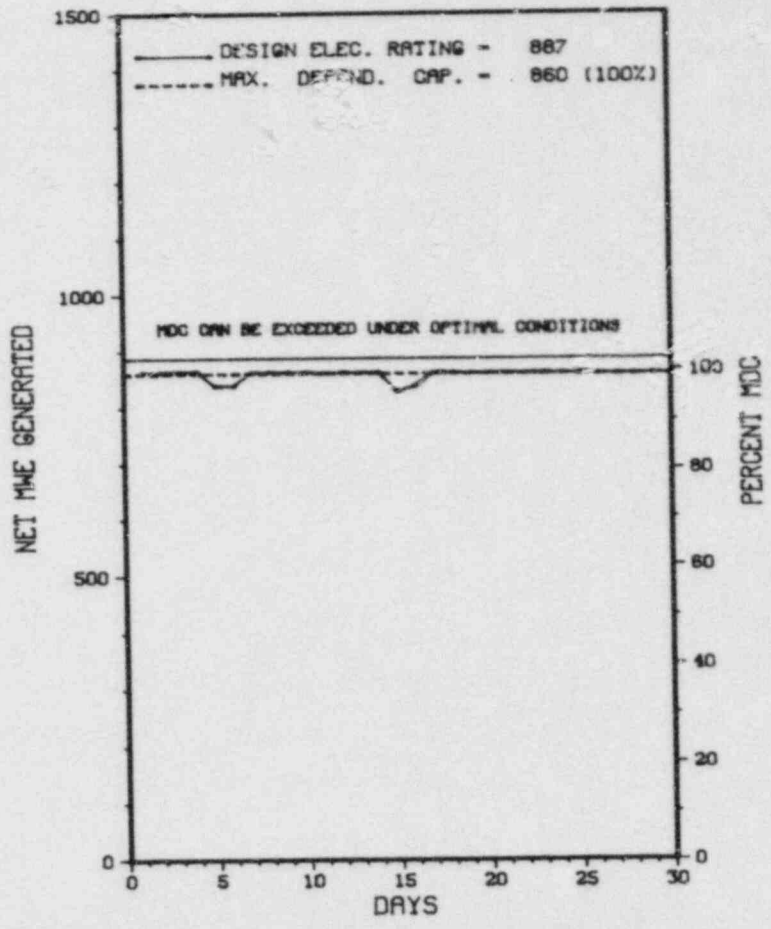
REFUELING - OCTOBER 21, 1984 - 7 WEEKS

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

OCONEE 1

AVERAGE DAILY POWER LEVEL (MWe) PLOT

OCONEE 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

OCONEE 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
10-P	06/05/84	F	0.0	A	5		HH	PUMPXX	SECURE HEATER DRAIN PUMP.
11-P	06/15/84	S	0.0	B	5		CC	VALVEX	TURBINE & CONTROL VALVE AND CONTROL ROD DRIVE PT'S.

SUMMARY

OCONEE 1 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* OCONEE 1 *
****

FACILITY DATA

Report Period JUN 1984

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

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 18 - MAY 10 (84-10): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 45 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, MAINTENANCE, STATION MODIFICATIONS, AND REFUELING OPERATIONS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 11 - JUNE 10 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 66 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, STARTUP OPERATIONS, LER REVIEW, AND OPEN ITEM FOLLOWUP. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-8 (84-12): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13 INSPECTOR HOURS (TWO INSPECTOR HOURS ON BACKSHIFTS) ON SITE IN THE AREAS OF INTERNAL AUDITS, ALARA, CONTROL OF RADIOACTIVE MATERIAL, TRANSPORTATION AND RADIOACTIVE WASTE, AND LICENSEE ACTIONS ON PREVIOUS ENFORCEMENT MATTERS AND INSPECTOR FOLLOWUP ITEMS. TWO VIOLATIONS WERE NOTED - FAILURE TO VERIFY THE PRESENCE AND CONDITION OF A NEUTRON RADIATION MODERATOR PRIOR TO SHIPPING A LOADED FUEL CASK AND FAILURE TO PERFORM NEUTRON RADIATION SURVEYS IN TWO INSTANCES ON LOADED FUEL CASKS.

INSPECTION MAY 14-18 (84-13): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 20 INSPECTOR HOURS ON SITE IN THE AREAS OF WITNESSING THE PERIODIC INTEGRATED LEAK RATE TEST; EXAMINATION OF TEST CONDITIONS; REVIEW OF TEST PERFORMANCE AND RESULTS; REVIEW OF TEST PROCEDURES; AND FOLLOWUP INSPECTION OF OUTSTANDING ITEMS. OF THE THREE AREAS INSPECTED, 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: JUNE 4-8, 1984 +

INSPECTION REPORT NO: 50-269/84-12 +

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
84-002/ - -	05/12/84	06/11/84	UNIT 1 REACTOR TRIP WAS INITIATED WHEN THE HIGH REACTOR COOLANT SYSTEM PRESSURE SETPOINT WAS REACHED. THIS EVENT IS ATTRIBUTED TO THE FAILURE OF THE KEY SELECTOR SWITCH AND RELAY.

1. Docket: 50-270 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	85,992.0
13. Hours Reactor Critical	720.0	4,367.0	61,680.8
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	720.0	4,367.0	60,527.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,842,872	11,205,439	143,696,105
18. Gross Elec Ener (MWH)	633,090	3,862,420	48,967,276
19. Net Elec Ener (MWH)	606,553	3,705,705	46,517,274
20. Unit Service Factor	100.0	100.0	70.4
21. Unit Avail Factor	100.0	100.0	70.4
22. Unit Cap Factor (MDC Net)	98.0	98.7	62.7*
23. Unit Cap Factor (DER Net)	95.0	95.7	61.1*
24. Unit Forced Outage Rate	.0	.0	15.5
25. Forced Outage Hours	.0	.0	10,256.1

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

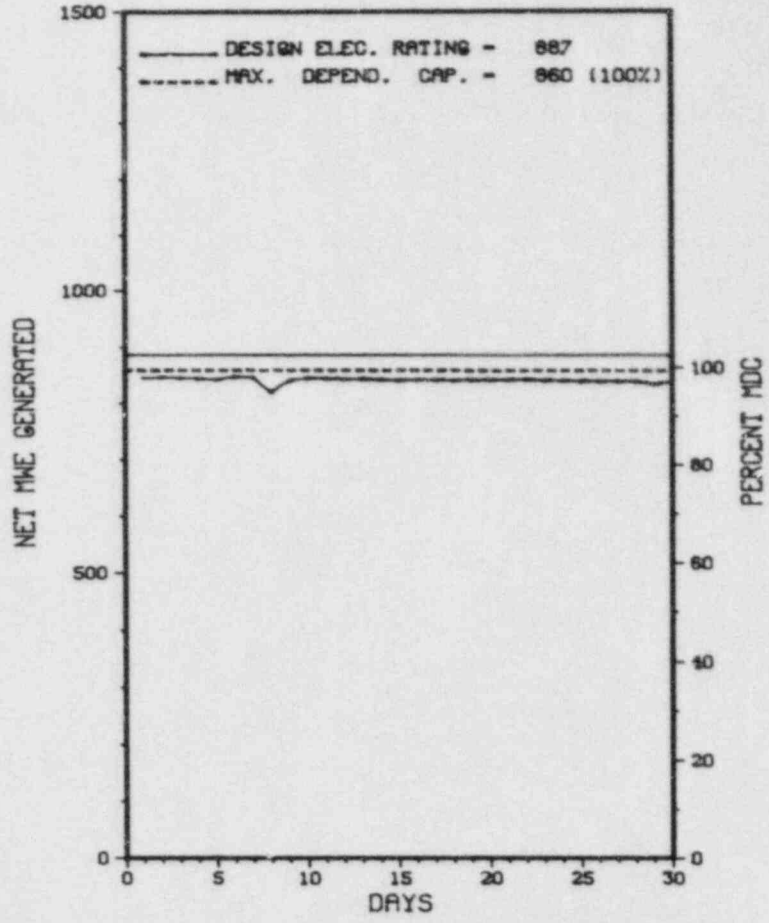
NONE

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

****
* OCONEE 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

OCONEE 2



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* OCONEE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
7-P	06/08/84	S	0.0	B	5		CC	VALVEX	TURBINE STOP AND CONTROL VALVE PT'S.

****
* SUMMARY *
****

OCONEE 2 EXPERIENCED NO SHUTDOWNS IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* OCONEE 2 *
****

FACILITY DATA

Report Period JUN 1984

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...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.....50-270

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 APRIL 18 - MAY 10 (84-10): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 45 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, MAINTENANCE, STATION MODIFICATIONS, AND REFUELING OPERATIONS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 11 - JUNE 10 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 66 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, STARTUP OPERATIONS, LER REVIEW, AND OPEN ITEM FOLLOWUP. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-8 (84-12): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13 INSPECTOR HOURS (TWO INSPECTOR HOURS ON BACKSHIFTS) ON SITE IN THE AREAS OF INTERNAL AUDITS, ALARA, CONTROL OF RADIOACTIVE MATERIAL, TRANSPORTATION AND RADIOACTIVE WASTE, AND LICENSEE ACTIONS ON PREVIOUS ENFORCEMENT MATTERS AND INSPECTOR FOLLOWUP ITEMS. TWO VIOLATIONS WERE NOTED - FAILURE TO VERIFY THE PRESENCE AND CONDITION OF A NEUTRON RADIATION MODERATOR PRIOR TO SHIPPING A LOADED FUEL CASK AND FAILURE TO PERFORM NEUTRON RADIATION SURVEYS IN TWO INSTANCES ON LOADED FUEL CASKS.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

POWER OPERATIONS.

LAST IE SITE INSPECTION DATE: MAY 11 - JUNE 10, 1984 +

INSPECTION REPORT NO: 50-270/84-11

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

1. Docket: 50-287 OPERATING STATUS
2. Reporting Period: 06/01/84 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	720.0	4,367.0	83,639.0
13. Hours Reactor Critical	696.7	2,463.8	59,173.7
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	687.2	2,427.9	58,011.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,719,167	5,936,327	141,428,890
18. Gross Elec Ener (MWH)	594,170	2,054,190	48,868,784
19. Net Elec Ener (MWH)	567,948	1,956,804	46,523,922
20. Unit Service Factor	95.4	55.6	69.4
21. Unit Avail Factor	95.4	55.6	69.4
22. Unit Cap Factor (MDC Net)	91.7	52.1	64.5*
23. Unit Cap Factor (DER Net)	88.9	50.5	62.8*
24. Unit Forced Outage Rate	4.6	1.5	14.7
25. Forced Outage Hours	32.8	35.8	10,177.8

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

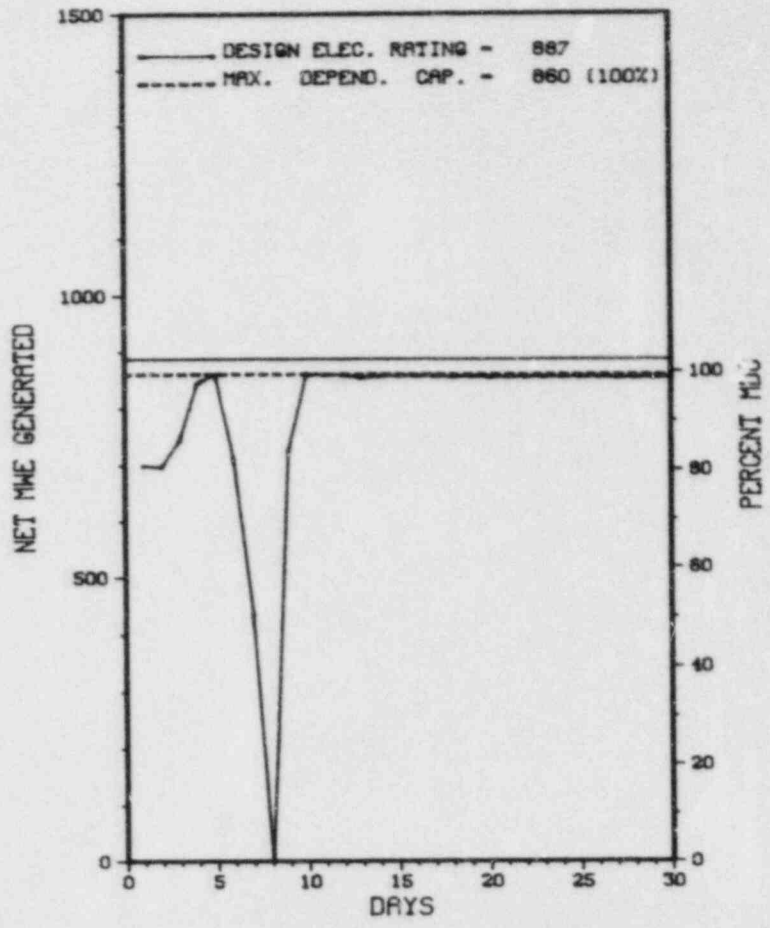
NONE

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

****
* OCONEE 3 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

OCONEE 3



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* OCONEE 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
6-P	06/01/84	F	0.0	A	5		HH	PUMPXX	REPAIR MECHANICAL SEALS ON HEATER DRAIN PUMP.
7-P	06/03/84	F	0.0	B	5		IB	INSTRU	EXCORE INSTRUMENT CALIBRATION.
8-P	06/06/84	F	0.0	A	5		HA	INSTRU	STATOR COOLANT CONTROL SYSTEM RUNBACK.
3	06/07/84	F	8.2	A	3		HA	INSTRU	STATOR COOLANT CONTROL SYSTEM RUNBACK.
4	06/07/84	F	24.6	A	3		IA	INSTRU	REACTOR ANTICIPATORY TRIP.
9-P	06/09/84	F	0.0	A	5		HH	TURBIN	PROBLEM RESETTING FEEDWATER PUMP TURBINE.

****
* SUMMARY *
****

OCONEE 3 OPERATED ROUTINELY IN JUNE.

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

****
* OCONEE 3 *
****

FACILITY DATA

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

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WALHALLA, SOUTH CAROLINA 29691

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION APRIL 18 - MAY 10 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 46 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, SURVEILLANCE, MAINTENANCE, STATION MODIFICATIONS, AND REFUELING OPERATIONS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-18 (84-12): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 23 INSPECTOR HOURS ON SITE IN THE AREAS OF WITNESSING THE PERIODIC INTEGRATED LEAK RATE TEST; EXAMINATION OF TEST CONDITIONS; REVIEW OF TEST PERFORMANCE AND RESULTS; REVIEW OF TEST PROCEDURES; AND FOLLOWUP INSPECTION OF OUTSTANDING ITEMS. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 11 - JUNE 10 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 68 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONS, MAINTENANCE, SURVEILLANCE, STARTUP OPERATIONS, LER REVIEW, AND OPEN ITEM FOLLOWUP. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-8 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 14 INSPECTOR HOURS (TWO INSPECTOR HOURS ON BACKSHIFTS) ON SITE IN THE AREAS OF INTERNAL AUDITS, ALARA, CONTROL OF RADIOACTIVE MATERIAL, TRANSPORTATION AND RADIOACTIVE WASTE, AND LICENSEE ACTIONS ON PREVIOUS ENFORCEMENT MATTERS AND INSPECTOR FOLLOWUP ITEMS. TWO VIOLATIONS WERE NOTED - FAILURE TO VERIFY THE PRESENCE AND CONDITION OF A NEUTRON RADIATION MODERATOR PRIOR TO SHIPPING A LOADED FUEL CASK AND FAILURE TO PERFORM NEUTRON RADIATION SURVEYS IN TWO INSTANCES ON LOADED FUEL CASKS.

****
* OCONEE 3 *
****

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 11 - JUNE 10, 1984 +

INSPECTION REPORT NO: 50-287/84-13

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: 50-219 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: JOSEPH R. MOLNAR (609) 971-4699

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	127,295.0
13. Hours Reactor Critical	.0	696.0	85,319.9
14. Rx Reserve Shtdwn Hrs	.0	.0	468.2
15. Hrs Generator On-Line	.0	.0	82,693.8
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	136,301,260
18. Gross Elec Ener (MWH)	0	0	46,056,905
19. Net Elec Ener (MWH)	-2,250	-10,087	44,275,596
20. Unit Service Factor	.0	.0	65.0
21. Unit Avail Factor	.0	.0	65.0
22. Unit Cap Factor (MDC Net)	.0	.0	56.1*
23. Unit Cap Factor (DER Net)	.0	.0	53.5
24. Unit Forced Outage Rate	.0	.0	11.6
25. Forced Outage Hours	.0	.0	8,916.8

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

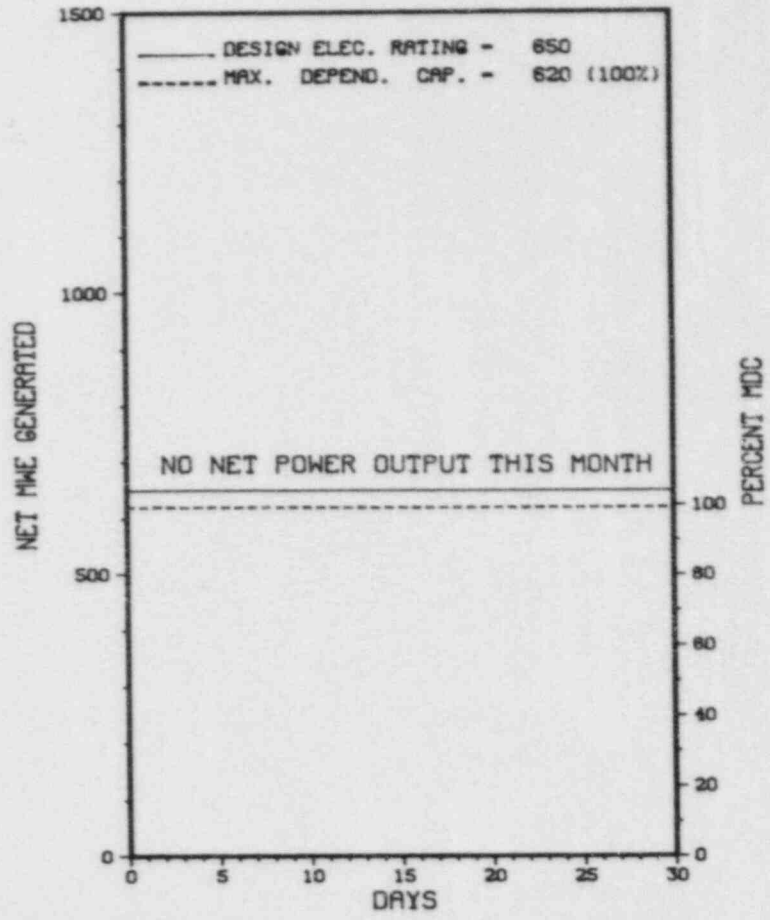
NONE

27. If Currently Shutdown Estimated Startup Date: 08/07/84

****
* OYSTER CREEK 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

OYSTER CREEK 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 U N I T S H U T D O W N S / R E D U C T I O N S

****
* OYSTER CREEK 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
31	02/11/83	S	720.0	C	4		ZZ	ZZZZZZ	1983 REFUELING AND MAINTENANCE OUTAGE CONTINUES.

****
* SUMMARY *
****

OYSTER CREEK REMAINED SHUT DOWN FOR REFUELING DURING ALL OF 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* OYSTER CREEK 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....C. COWGILL

LICENSING PROJ MANAGER.....J. LOMBARDO
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

NONE

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

FACILITY ITEMS (PLANS AND PROCEDURES):

NO INPUT PROVIDED.

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.			

1. Docket: 50-255 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: A. F. DIENES (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	720.0	4,367.0	109,862.0
13. Hours Reactor Critical	.0	.0	59,259.7
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	.0	56,278.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	115,360,224
18. Gross Elec Ener (MWH)	0	0	35,750,440
19. Net Elec Ener (MWH)	0	0	33,628,014
20. Unit Service Factor	.0	.0	51.2
21. Unit Avail Factor	.0	.0	51.2
22. Unit Cap Factor (MDC Net)	.0	.0	48.2
23. Unit Cap Factor (DER Net)	.0	.0	38.0
24. Unit Forced Outage Rate	.0	.0	32.1
25. Forced Outage Hours	.0	.0	12,525.6

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

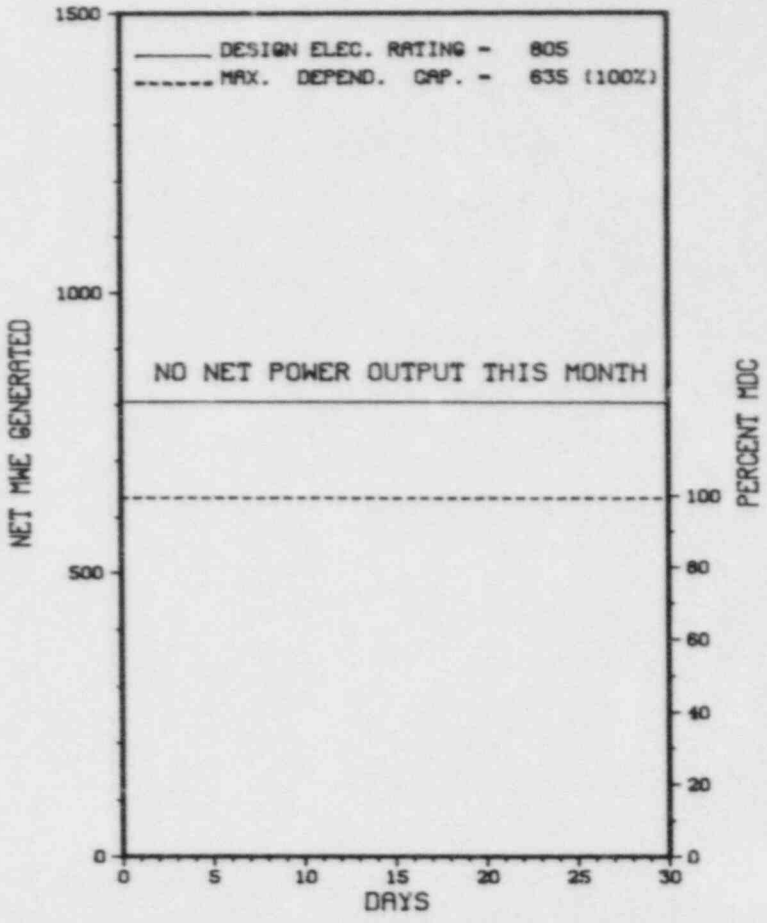
NONE

27. If Currently Shutdown Estimated Startup Date: 07/04/84

****
* PALISADES *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PALISADES



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* PALISADES *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
1	08/12/83	S	720.0	C	4				REFUELING & MAINTENANCE OUTAGE CONTINUES.

****
* SUMMARY *
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PALISADES REMAINED SHUT DOWN FOR REFUELING DURING THE ENTIRE MONTH OF 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* PALISADES *
****

FACILITY DATA

Report Period JUN 1984

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.....B. JORGENSON

LICENSING PROJ MANAGER.....W. PAULSON
DOCKET NUMBER.....50-255

LICENSE & DATE ISSUANCE....DPR-20, OCTOBER 16, 1972

PUBLIC DOCUMENT ROOM.....KALAMAZOO PUBLIC LIBRARY
315 SOUTH ROSE STREET
REFERENCE DEPARTMENT
KALAMAZOO, MICHIGAN 49007

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 16 THROUGH MAY 29, (84-04): ROUTINE, UNANNOUNCED INSPECTION BY RESIDENT INSPECTOR OF LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED ITEMS; PLANT SAFETY; WORK ACTIVITIES; TESTING ACTIVITIES; REPORTABLE EVENTS; AND INDEPENDENT INSPECTION AREAS. THE INSPECTION INVOLVED A TOTAL OF 154 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR INCLUDING 35 INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED IN ANY OF THE SIX AREAS INSPECTED.

INSPECTION BETWEEN MARCH 27 AND MAY 11, (84-07): INCLUDED A REVIEW OF THE SECURITY PLAN AND PROCEDURES; SECURITY ORGANIZATION - MANAGEMENT/PERSONNEL/RESPONSE; SECURITY PROGRAM AUDIT; TESTING AND MAINTENANCE; ACCESS CONTROL - PERSONNEL/PACKAGES/VEHICLES; ALARM STATIONS; AND PREVIOUS INSPECTION FINDINGS. THE INSPECTION INVOLVED 56 HOURS OF DIRECT INSPECTION EFFORT ONSITE BY TWO NRC INSPECTORS OF WHICH 8 INSPECTION HOURS WERE ACCOMPLISHED DURING OFFSHIFT PERIODS. THE INSPECTION BEGAN DURING THE DAY SHIFT. ONE WEAKNESS IN THE LICENSEE'S ACCESS CONTROL PROGRAM WAS IDENTIFIED DURING THE INSPECTION. ALL PREVIOUS ITEMS WERE CLOSED.

INSPECTION ON MAY 31, JUNE 1, (84-11): SPECIAL INSPECTION OF AUXILIARY FEEDWATER NOZZLE MODIFICATION ACTIVTIES, INCLUDING PURCHASE ORDER DOCUMENTATION REVIEW; OBSERVATION OF INSTALLATION ACTIVITIES; REVIEW OF INSTALLATION, WELDING AND INSPECTION PROCEDURES; WELDER QUALIFICATION; AND A REVIEW OF INSTALLATION DOCUMENTION. THIS INSPECTION INVOLVED A TOTAL OF 14 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR INCLUDING 0 HOURS DURING OFF-SHIFTS. NO ITEMS OF NONCOMPLIANCE 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:

THE PLANT SHUTDOWN ON 8/13/83 TO START A REFUELING AND MAINTENANCE OUTAGE. RESTART SCHEDULED FOR JULY, 1984.

LAST IE SITE INSPECTION DATE: MAY 30 - JUNE 1, 1984

INSPECTION REPORT NO: 84-11

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
84-05	05/12/84	06/11/84	ENGINEERED SAFETY FEATURE ACTUATION.

1. Docket: 50-277 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	87,575.0
13. Hours Reactor Critical	.0	2,583.9	62,283.0
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	2,544.8	60,556.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	7,865,391	178,420,001
18. Gross Elec Ener (MWH)	0	2,547,570	58,718,660
19. Net Elec Ener (MWH)	-5,793	2,453,347	56,289,777
20. Unit Service Factor	.0	58.3	69.1
21. Unit Avail Factor	.0	58.3	69.1
22. Unit Cap Factor (MDC Net)	.0	53.5	61.2
23. Unit Cap Factor (DER Net)	.0	52.8	60.4
24. Unit Forced Outage Rate	.0	4.4	12.5
25. Forced Outage Hours	.0	116.4	8,628.6

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

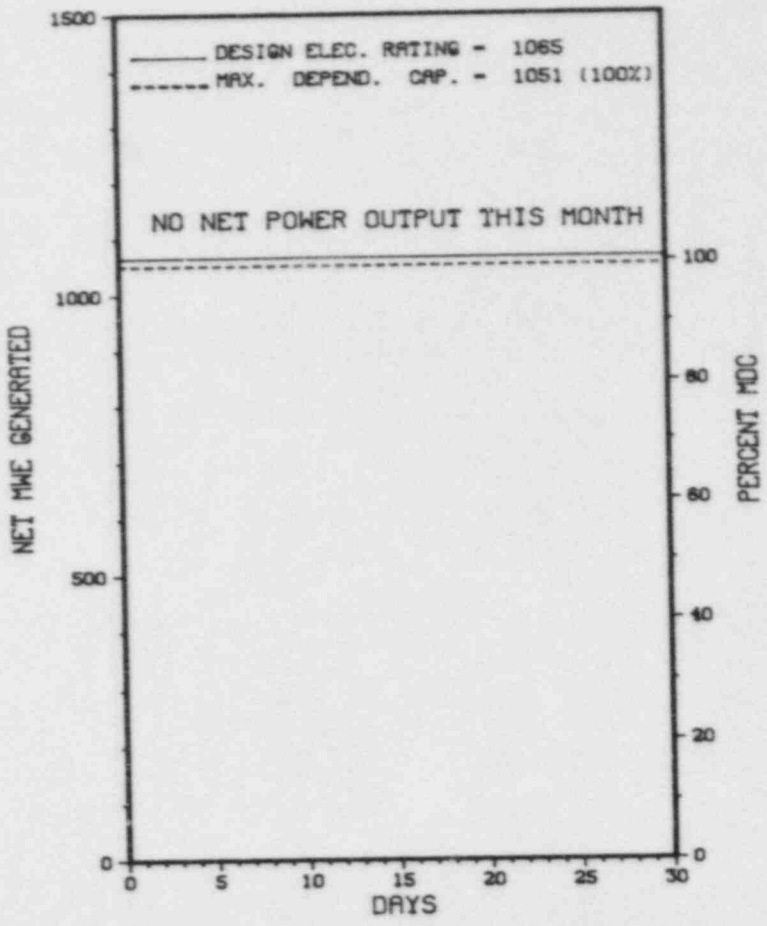
NONE

27. If Currently Shutdown Estimated Startup Date: 01/16/85

****
* PEACH BOTTOM 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PEACH BOTTOM 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* PEACH BOTTOM 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5	04/27/84	S	720.0	C	4		RC	FUELXX	SHUTDOWN FOR SIXTH REFUELING OUTAGE CONTINUES.

****
* SUMMARY *
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PEACH BOTTOM 2 CONTINUES IN ITS 6TH REFUELING SHUTDOWN.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* PEACH BOTTOM 2 *
****

FACILITY DATA

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.....A. BLOUGH

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

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

CONTRARY TO TECH SPEC 6.8, REG. GUIDE 1.33, AND PROCEDURE 510.5.G, BETWEEN DECEMBER 5, 1981 AND MARCH 10, 1984, REACTOR BUILDING EQUIPMENT CELL VENTILATION EXHAUST WAS SWITCHED TO SGTS NUMEROUS TIMES WITHOUT PERFORMANCE OF THE STEPS, LISTED ABOVE, THE REQUIRED ACTION OUTSIDE THE CONTROL ROOM.
(8407 4)

10 CFR 50 APPENDIX B CRITERION XVI "CORRECTIVE ACTION" REQUIRES THAT MEASURES BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY INDENTIFIED AND CORRECTED AND IN THE CASE OF SIGNIFICANT CONDITIONS ADVERSE TO QUALITY, THE MEASURES SHALL ASSURE THAT THE CORRECTIVE ACTIONS PRECLUDE REPETITION. PEACH BOTTOM QUALITY ASSURANCE PLAN VOLUMN III PROGRAM SECTION PARAGRAPH 16.1, "CORRECTIVE ACTION " STATES IN PART THAT "MEASURES BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY IDENTIFIED AND CORRECTED. PECO DEFINES CONDITIONS ADVERSE TO QUALITY AS... NONCONFORMANCES TO SPECIFIED REQUIREMENTS". CONTRARY TO THE ABOVE, AS OF MARCH 30, 1984, NONCONFORMANCES HAD NOT BEEN CORRECTED THAT HAD PREVIOUSLY BEEN IDENTIFIED ON THREE SEPARATE

****
* PEACH BOTTOM 2 *
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ENFORCEMENT SUMMARY

OCCASIONS IN QA AUDIT REPORTS AP82-27 DATED OCTOBER 25, 1982, AP83-40, DATED DECEMBER 30, 1983; AND AP84-13 (DRAFT) REGARDING INADEQUATE DOCUMENT CONTROL FOR PROCEDURES THAT CONTROL SAFETY-RELATED ACTIVITIES, SUPERSEDED INDICES, MISSING PAGES, AND DELETED PROCEDURES WERE SOME OF THE PROBLEMS ASSOCIATED WITH CONTROLLED COPY PROCEDURE BOOKS. (8408 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.

REPORTS FROM LICENSEE

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

1. Docket: 50-278 OPERATING STATUS
2. Reporting Period: 06/01/84 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

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	83,471.0
13. Hours Reactor Critical	252.8	3,597.1	60,397.2
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	241.7	3,554.2	58,870.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	690,338	11,283,675	172,321,980
18. Gross Elec Ener (MWH)	228,460	3,758,500	56,573,620
19. Net Elec Ener (MWH)	216,632	3,641,142	54,304,927
20. Unit Service Factor	33.6	81.4	70.5
21. Unit Avail Factor	33.6	81.4	70.5
22. Unit Cap Factor (MDC Net)	29.1	80.6	62.9
23. Unit Cap Factor (DER Net)	28.3	78.3	61.1
24. Unit Forced Outage Rate	52.3	14.4	7.7
25. Forced Outage Hours	264.8	599.3	4,930.2

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

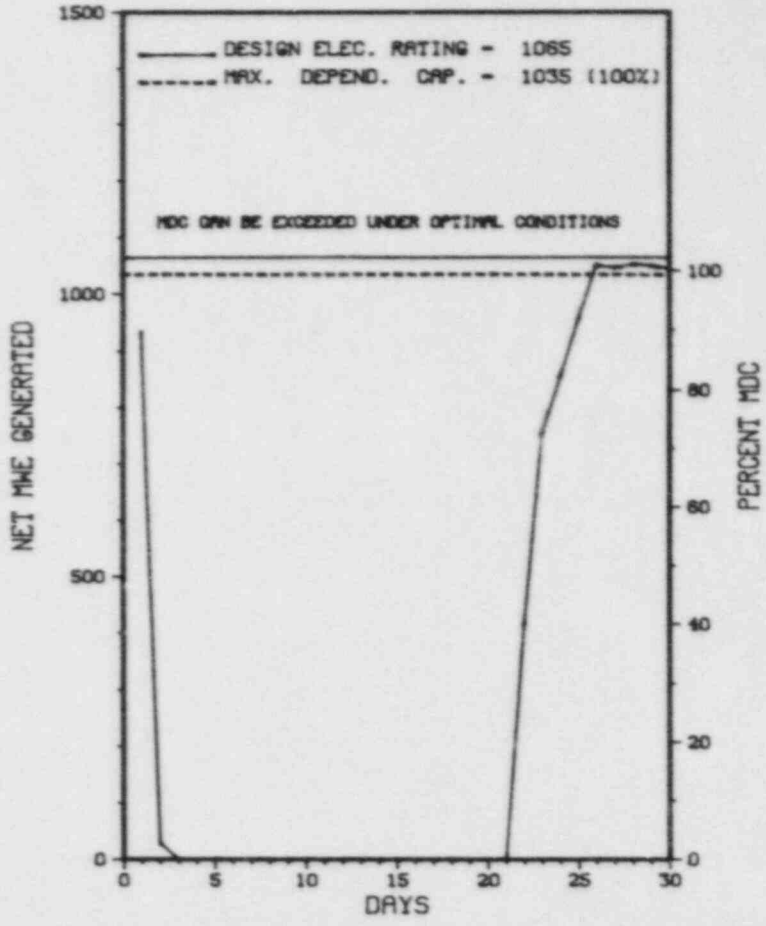
NONE

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

****
* PEACH BOTTOM 3 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PEACH BOTTOM 3



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* PEACH BOTTOM 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5A	06/02/84	S	213.5	A	1		SF	VALVEX	RCIC MO 15 VALVE AND FEEDWATER HTR REPAIR.
5B	06/11/84	F	264.8	A	9		SF	VALVEX	OUTAGE CONTINUED AS FORCED.

****
* SUMMARY *
****

PEACH BOTTOM 3 RETURNED TO POWER ON JUNE 22 FOLLOWING A SHUTDOWN FOR REPAIR ON JUNE 2.

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)

PEACH BOTTOM 3

FACILITY DATA

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.....A. BLOUGH

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

FAILURE TO FOLLOW ACCEPTED SECURITY PLAN OF MAY 1978 (REVISED OCTOBER 1980) RELATIVE TO CONTROL OF VITAL AREA DOORS. CONTRARY TO TECH SPEC 6.8, REG. GUIDE 1.33, AND PROCEDURE 510.5.G, BETWEEN DECEMBER 5, 1981 AND MARCH 10, 1984, REACTOR BUILDING EQUIPMENT CELL VENTILATION EXHAUST WAS SWITCHED TO SGTS NUMEROUS TIMES WITHOUT PERFORMANCE OF THE STEPS, LISTED ABOVE, THE REQUIRED ACTION OUTSIDE THE CONTROL ROOM.
(8407 4)

10 CFR 50 APPENDIX B CRITERION XVI "CORRECTIVE ACTION" REQUIRES THAT MEASURES BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY INDENTIFIED AND CORRECTED AND IN THE CASE OF SIGNIFICANT CONDITIONS ADVERSE TO QUALITY, THE MEASURES SHALL ASSURE THAT THE CORRECTIVE ACTIONS PRECLUDE REPETITION. PEACH BOTTOM QUALITY ASSURANCE PLAN VOLUMN III PROGRAM SECTION PARAGRAPH 16.1, "CORRECTIVE ACTION " STATES IN PART THAT "MEASURES BE ESTABLISHED TO ASSURE THAT CONDITIONS ADVERSE TO QUALITY ARE PROMPTLY IDENTIFIED AND CORRECTED. PECO DEFINES CONDITIONS ADVERSE TO QUALITY AS... NONCONFORMANCES TO SPECIFIED REQUIREMENTS". CONTRARY

ENFORCEMENT SUMMARY

TO THE ABOVE, AS OF MARCH 30, 1984, NONCONFORMANCES HAD NOT BEEN CORRECTED THAT HAD PREVIOUSLY BEEN IDENTIFIED ON THREE SEPARATE OCCASIONS IN QA AUDIT REPORTS AP82-27 DATED OCTOBER 25, 1982, AP83-40, DATED DECEMBER 30, 1983; AND AP84-13 (DRAFT) REGARDING INADEQUATE DOCUMENT CONTROL FOR PROCEDURES THAT CONTROL SAFETY-RELATED ACTIVITIES, SUPERSEDED INDICES, MISSING PAGES, AND DELETED PROCEDURES WERE SOME OF THE PROBLEMS ASSOCIATED WITH CONTROLLED COPY PROCEDURE BOOKS. (8408 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.

REPORTS FROM LICENSEE

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

1. Docket: 50-293 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: P. HAMILTON (617) 746-7905

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:

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	720.0	4,367.0	101,327.0
13. Hours Reactor Critical	.0	.0	69,733.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	.0	67,521.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	116,932,[illegible]
18. Gross Elec Ener (MWH)	0	0	39,228,314
19. Net Elec Ener (MWH)	0	0	37,693,409
20. Unit Service Factor	.0	.0	66.6
21. Unit Avail Factor	.0	.0	66.6
22. Unit Cap Factor (MDC Net)	.0	.0	55.5
23. Unit Cap Factor (DER Net)	.0	.0	56.8
24. Unit Forced Outage Rate	.0	.0	9.2
25. Forced Outage Hours	.0	.0	6,842.5

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

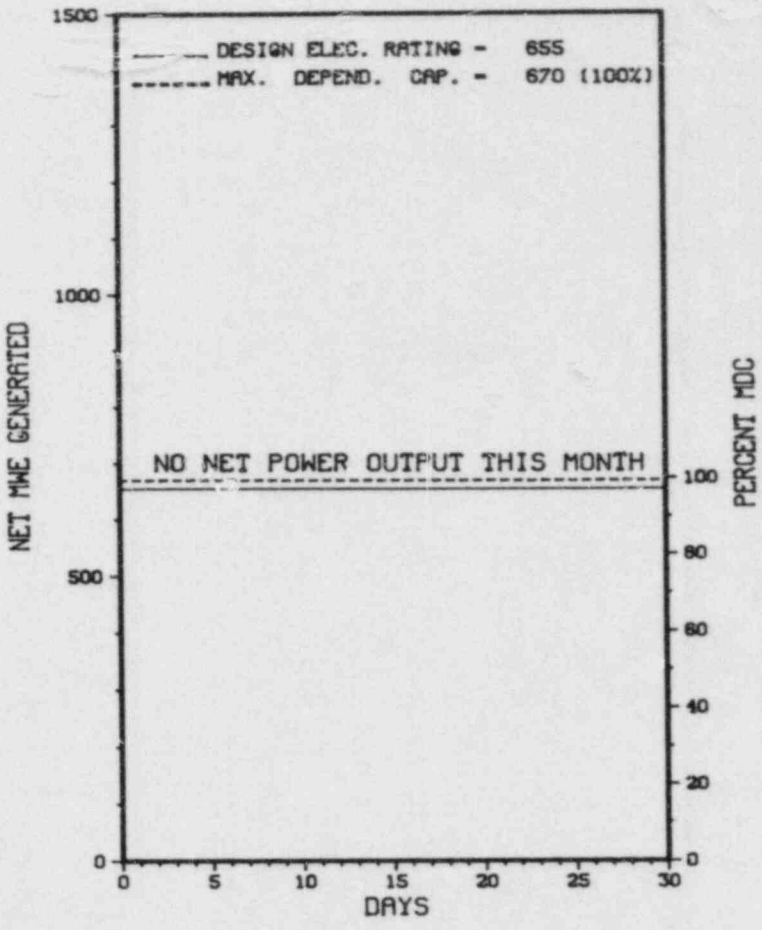
NONE

27. If Currently Shutdown Estimated Startup Date: 10/16/84

PILGRIM 1

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PILGRIM 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* PILGRIM 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
16	12/10/83	S	720.0	C	4				SHUTDOWN FOR REFUELING AND RECIRCULATION PIPE REPLACEMENT.

****
* SUMMARY *
****

PILGRIM 1 REMAINS SHUT DOWN FOR REFUELING AND RECIRCULATION PIPE REPLACEMENT.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* PILGRIM 1 *
****

FACILITY DATA

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

TECHNICAL SPECIFICATION 6.8, "PROCEDURES", STATES IN PART: "WRITTEN PROCEDURE...SHALL BE ESTABLISHED, IMPLEMENTED AND MAINTAINED THAT MEET OR EXCEED THE REQUIREMENTS...OF APPENDIX "A" OF USNRC REGULATORY GUIDE 1.33, WHICH IDENTIFIED TYPICAL SAFETY RELATED ACTIVITIES WHICH SHOULD BE COVERED BY WRITTEN PROCEDURES, SPECIFICALLY ACCESS CONTROL TO RADIATION AREAS INCLUDING A RADIATION WORK PERMIT SYSTEM. PILGRIM NUCLEAR POWER STATION PROCEDURE NO. 6.1-022, REVISION 12, DATED NOVEMBER 23, 1983, "RADIATION WORK PERMITS" STATES, "ALL PERSONS WHO ARE TO ENTER THE WORK AREA SHALL BE BRIEFED BY AN H.P. REPRESENTATIVE ON THE PHYSICAL AND RADIOLOGICAL CONDITIONS IN THE WORK AREA. ONCE BRIEFED, EACH INDIVIDUAL SHALL SIGN IN ON THE RWP SIGN-IN SHEET TO DOCUMENT THE BRIEFING AND AUTHORIZATION. CONTRARY TO THE ABOVE, ON FEBRUARY 15, 1984, TWO INDIVIDUALS PERFORMING WORK IN CONDENSER BAY "B" IN ACCORDANCE WITH RWP 84-506 WERE DIRECTED BY THEIR SUPERVISOR TO PERFORM WORK IN CONDENSER BAY "A". THE INDIVIDUALS COMPLIED AND AT THE SUPERVISOR'S DIRECTION FAILED TO NOTIFY THE HEALTH PHYSICS CONTROL POINT OF THE CHANGE; AND SUBSEQUENTLY DID NOT SIGN-IN ON THE RWP IN EFFECT FOR THE AREA AND WERE NOT BRIEFED AS TO THE PHYSICAL AND RADIOLOGICAL CONDITIONS BY A HEALTH PHYSICS TECHNICIAN. CONSEQUENTLY, THE HEALTH PHYSICS TECHNICIAN WAS UNAWARE OF THE INDIVIDUALS ENTRY INTO THE AREA.
(8406 4)

INSPECTION STATUS - (CONTINUED)

****
* PILGRIM 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: 50-266 OPERATING STATUS

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: C.W. FAY (414) 277-2811

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): 519

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	720.0	4,367.0	119,663.0
13. Hours Reactor Critical	720.0	2,016.4	96,096.9
14. Rx Reserve Shtdwn Hrs	.0	3.9	629.3
15. Hrs Generator On-Line	720.0	1,984.5	93,592.0
16. Unit Reserve Shtdwn Hrs	.0	5.8	799.3
17. Gross Therm Ener (MWH)	1,076,350	2,870,430	126,405,742
18. Gross Elec Ener (MWH)	369,630	991,280	42,387,260
19. Net Elec Ener (MWH)	353,890	946,534	40,314,416
20. Unit Service Factor	100.0	45.4	78.2
21. Unit Avail Factor	100.0	45.6	78.9
22. Unit Cap Factor (MDC Net)	101.3	44.7	68.9*
23. Unit Cap Factor (DER Net)	98.9	43.6	67.8
24. Unit Forced Outage Rate	.0	.0	2.7
25. Forced Outage Hours	.0	.0	2,406.3

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

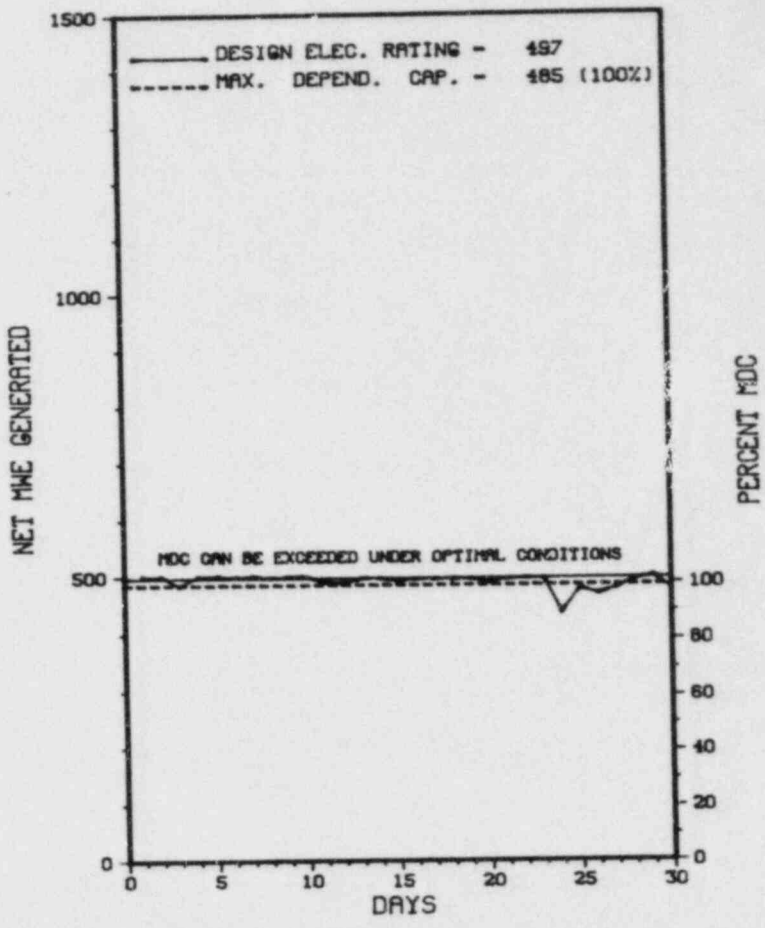
NONE

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

****
* POINT BEACH 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

POINT BEACH 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

POINT BEACH 1

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

SUMMARY

POINT BEACH 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* POINT BEACH 1 *
****

FACILITY DATA

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

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: APRIL 1 - MAY 31, 1984

INSPECTION REPORT NO: 84-06

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

1. Docket: 50-301 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: C.W. FAY (414) 277-2811
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): 519
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	720.0	4,367.0	104,448.0
13. Hours Reactor Critical	720.0	4,341.6	92,769.8
14. Rx Reserve Shtdwn Hrs	.0	8.8	207.1
15. Hrs Generator On-Line	720.0	4,277.9	91,180.7
16. Unit Reserve Shtdwn Hrs	.0	15.4	198.1
17. Gross Therm Ener (MWH)	1,083,029	6,375,044	127,269,821
18. Gross Elec Ener (MWH)	369,260	2,153,340	43,113,170
19. Net Elec Ener (MWH)	352,925	2,057,767	41,063,032
20. Unit Service Factor	100.0	98.0	87.3
21. Unit Avail Factor	100.0	98.3	87.5
22. Unit Cap Factor (MDC Net)	99.0	95.2	80.0*
23. Unit Cap Factor (DER Net)	98.6	94.8	79.1
24. Unit Forced Outage Rate	.0	.0	1.4
25. Forced Outage Hours	.0	.0	692.2

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

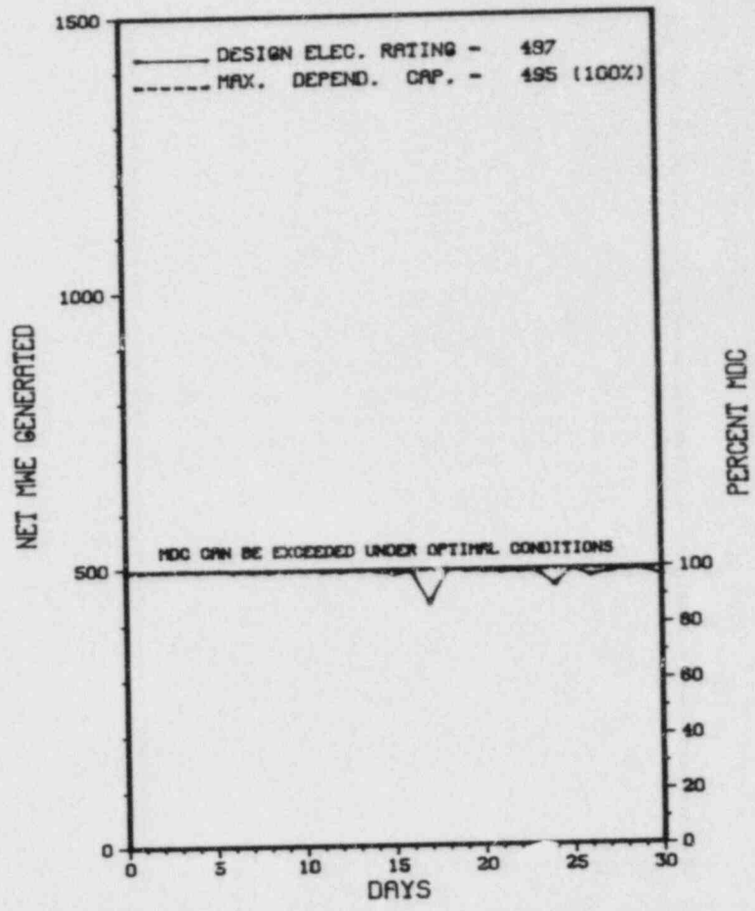
REFUELING & MAINTENANCE - 09/28/84 - 5 WEEKS

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

****
* POINT BEACH 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

POINT BEACH 2



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

POINT BEACH 2

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

SUMMARY

POINT BEACH 2 EXPERIENCED NO SHUTDOWNS OR POWER REDUCTIONS IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* POINT BEACH 2 *
****

FACILITY DATA

Report Period JUN 1984

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
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.....50-301

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

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

****
* POINT BEACH 2 *
****

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: APRIL 1 - MAY 31, 1984

INSPECTION REPORT NO: 84-04

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
84-03	05/19/84	06/21/84	INADVERTENT ACTUATION OF EMG. SAFEGUARDS.

1. Docket: 50-282 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	92,399.0
13. Hours Reactor Critical	720.0	4,317.4	75,990.4
14. Rx Reserve Shtdwn Hrs	.0	.0	5,571.1
15. Hrs Generator On-Line	720.0	4,296.0	74,677.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,177,748	6,948,821	117,259,983
18. Gross Elec Ener (MWH)	382,420	2,306,000	38,185,800
19. Net Elec Ener (MWH)	359,404	2,178,947	35,770,376
20. Unit Service Factor	100.0	98.4	80.8
21. Unit Avail Factor	100.0	98.4	80.8
22. Unit Cap Factor (MDC Net)	99.2	99.2	77.0
23. Unit Cap Factor (DER Net)	94.2	94.1	73.0
24. Unit Forced Outage Rate	.0	.0	8.1
25. Forced Outage Hours	.0	.0	2,920.9

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

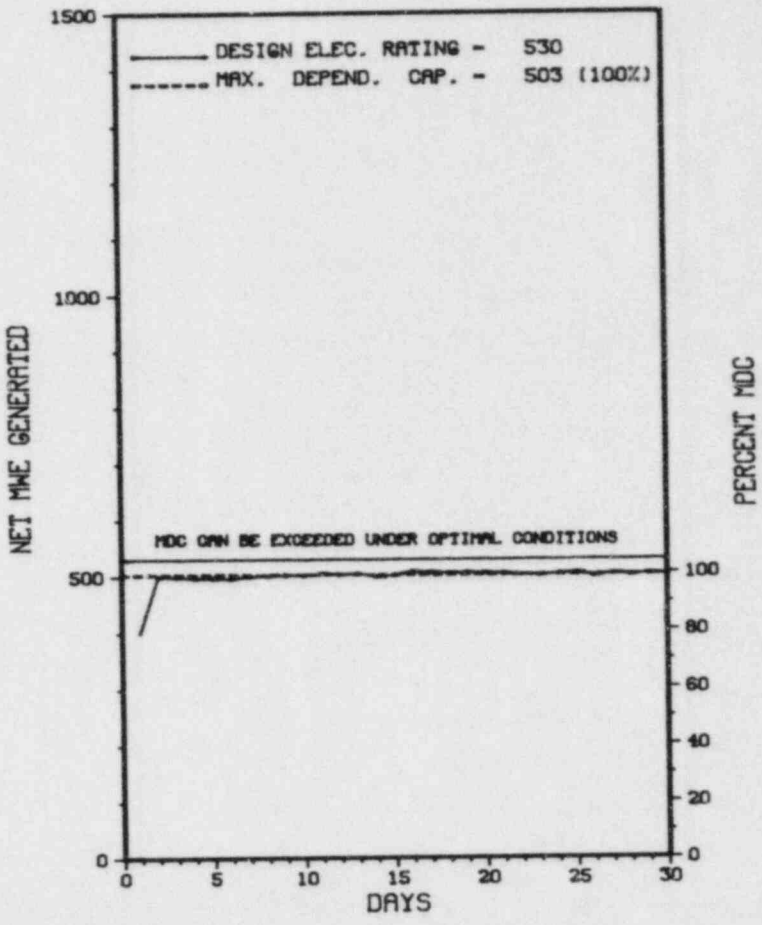
TEN YEAR OVERHAUL IN JANUARY 1985

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

****
* PRAIRIE ISLAND 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PRAIRIE ISLAND 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

PRAIRIE ISLAND 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
	06/01/84	F	0.0	A	5		BE	FLT	FILTER HOUSING FAILED, CAUSING SPILL. A DESIGN CHANGE WAS INITIATED TO CORRECT THE PROBLEM.

SUMMARY

PRAIRIE ISLAND 1 OPERATED ROUTINELY IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* PRAIRIE ISLAND 1 *
****

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

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 GENER...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. DIIANNI
DOCKET NUMBER.....50-282

LICENSE & DATE ISSUANCE....DPR-42, APRIL 5, 1974

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

INSPECTION SUMMARY

INSPECTION ON NOVEMBER 7 AND 9, 1983 AND MARCH 19-20, 1984 (83-22): SPECIAL ANNOUNCED INSPECTION BY NRC INSPECTOR OF DEGRADED VOLTAGE PROTECTION MEASURES. THE INSPECTION INVOLVED 20 INSPECTOR-HOURS ONSITE AND 20 INSPECTOR-HOURS IN OFFICE BY ONE NRC INSPECTOR INCLUDING NO INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED (FAILURE TO PERFORM AND DOCUMENT A 50.59 SAFETY EVALUATION).

INSPECTION OF MAY 21 - 23, (84-07): SPECIAL INSPECTION OF CONDITIONS SURROUNDING THE SIMULTANEOUS OPENING OF BOTH SHIELD BUILDING MAINTENANCE AIRLOCK DOORS FOR UNIT 1 WITH THE UNIT AT FULL POWER. THE INSPECTION INVOLVED 11 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED (FAILURE TO KEEP ONE SHIELD BUILDING MAINTENANCE AIRLOCK DOOR CLOSED WITH THE REACTOR AT FULL POWER).

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 3.7.A.1 AND A.5 STATE, IN PART, "A REACTOR SHALL NOT BE MADE OR MAINTAINED CRITICAL NOR SHALL IT BE HEATED OR MAINTAINED ABOVE 200 DEGREE F UNLESS ALL OF THE FOLLOWING REQUIREMENTS ARE SATISFIED FOR THE APPLICABLE UNIT...AT LEAST TWO SEPARATE PATHS FROM THE TRANSMISSION GRID TO THE PLANT 4.16KV SAFETY BUSES...BOTH DIESEL GENERATORS ARE OPERABLE..." TECHNICAL SPECIFICATION 3.7.B.2 STATES, IN PART, "A REACTOR SHALL BE PLACED IN THE COLD SHUTDOWN CONDITION IF THE REQUIREMENTS OF

ENFORCEMENT SUMMARY

SPECIFICATION TS.3.7.A CEASE TO BE SATISFIED. DURING STARTUP OPERATION OR POWER OPERATION, ANY OF THE FOLLOWING CONDITIONS OF INOPERABILITY MAY EXIST FOR THE TIMES SPECIFIED PROVIDED STARTUP OPERATION IS DISCONTINUED UNTIL OPERABILITY IS RESTORED....ONE DIESEL GENERATOR MAY BE OUT OF SERVICE FOR A PERIOD NOT TO EXCEED SEVEN DAYS (TOTAL FOR BOTH DIESEL GENERATORS DURING AND CONSECUTIVE 30 DAY PERIOD) PROVIDED (A) THE OPERABILITY OF THE OTHER DIESEL GENERATOR AND ITS ASSOCIATED DIESEL DRIVEN COOLING WATER PUMP ARE DEMONSTRATED IMMEDIATELY AND AT LEAST ONCE EVERY 24 HOURS THEREAFTER, (B) ALL ENGINEERED SAFETY FEATURES ARE OPERABLE, AND (C) BOTH PATHS FROM THE GRID TO THE PLANT 4. 6KV BUS ARE OPERABLE." CONTRARY TO THE ABOVE, ON NOVEMBER 17, 1983, WHILE THE REACTOR WAS CRITICAL AND ABOVE 200 DEGREE F, THE LICENSEE RACKED OUT BUS TIE BREAKER NO. 8 BETWEEN ESF AUXILIARY SUPPLY BUS 15 AND 4.16KV UNIT 2, BUS 26, THUS REDUCING THE PATHS FROM THE GRID TO THE PLANT 4.16KV BUS TO ONE WHILE THE DIESEL GENERATOR ASSOCIATED WITH BUS 15 WAS UNAVAILABLE.
(8320 3)

TECHNICAL SPECIFICATION 3.6, CONTAINMENT SYSTEM, A.1. STATES, "CONTAINMENT SYSTEM INTEGRITY AS DEFINED IN SPECIFICATION TS.1 SHALL NOT BE VIOLATED EXCEPT WHEN ONE OF THE FOLLOWING CONDITIONS EXIST: (A) THE REACTOR IS IN THE COLD SHUTDOWN CONDITION WITH THE REACTOR VESSEL HEAD INSTALLED, (B) THE REACTOR IS IN THE REFUELING SHUTDOWN CONDITION WITH THE VESSEL HEAD REMOVED, OR (C) THE FUEL INSIDE CONTAINMENT HAS NOT BEEN USED FOR POWER OPERATION." TECHNICAL SPECIFICATION 1.0, C. STATES, IN PART, "CONTAINMENT SYSTEM INTEGRITY EXISTS WHEN THE CONTAINMENT VESSEL, SHIELD BUILDING, AND ABSVZ ARE CLOSED AND THE FOLLOWING CONDITIONS ARE SATISFIED....7. AT LEAST ONE DOOR IN EACH SHIELD BUILDING AIRLOCK IS CLOSED." IMMEDIATE DISCUSSIONS WERE HELD WITH PLANT MANAGEMENT AND THE DOORS WERE CLOSED PROMPTLY. CONTRARY TO THE ABOVE, ON MAY 21, 1984 WITH THE UNIT 1 REACTOR AT FULL POWER AND DURING THE PERFORMANCE OF SURVEILLANCE PROCEDURE 1136 (SP 1136), BOTH SHIELD BUILDING MAINTENANCE AIRLOCK DOORS WERE OPEN SIMUTANEOUSLY FOR ABOUT ONE-HALF HOUR. (SP 1136, VOLUMETRIC LEAKAGE RATE TEST OF CONTAINMENT AIR LOCKS, SPECIFIES THAT THE SHIFT SUPERVISOR SHOULD BE INFORMED BEFORE RUNNING AIR HOSES THROUGH BOTH SHIELD BUILDING DOORS. AIR HOSES ARE USED TO PRESSURIZE THE CONTAINMENT BUILDING AIRLOCK BEING TESTED. THIS IS A DIFFERENT LOCK THAN THE SHIELD BUILDING AIRLOCK). THIS CONDITION VIOLATES A TECHNICAL SPECIFICATION LIMITING CONDITION FOR OPERATION (LCO).
(8407 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: MAY 21-23, 1984

INSPECTION REPORT NO: 84-07

REPORTS FROM LICENSEE

****
* PRAIRIE ISLAND 1 *
****

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-02	05/21/84	06/20/84	BOTH SHIELD BLDG DOORS OPENED DURING AIRLOCK TEST.

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1. Docket: 50-306 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	83,517.0
13. Hours Reactor Critical	720.0	4,367.0	72,617.3
14. Rx Reserve Shtdwn Hrs	.0	.0	1,516.1
15. Hrs Generator On-Line	720.0	4,367.0	71,660.2
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,177,967	7,030,325	112,762,183
18. Gross Elec Ener (MWH)	384,650	2,337,680	36,445,080
19. Net Elec Ener (MWH)	362,971	2,216,904	34,191,787
20. Unit Service Factor	100.0	100.0	85.8
21. Unit Avail Factor	100.0	100.0	85.8
22. Unit Cap Factor (MDC Net)	100.8	101.5	81.9
23. Unit Cap Factor (DER Net)	95.1	95.8	77.2
24. Unit Forced Outage Rate	.0	.0	4.2
25. Forced Outage Hours	.0	.0	3,315.5

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

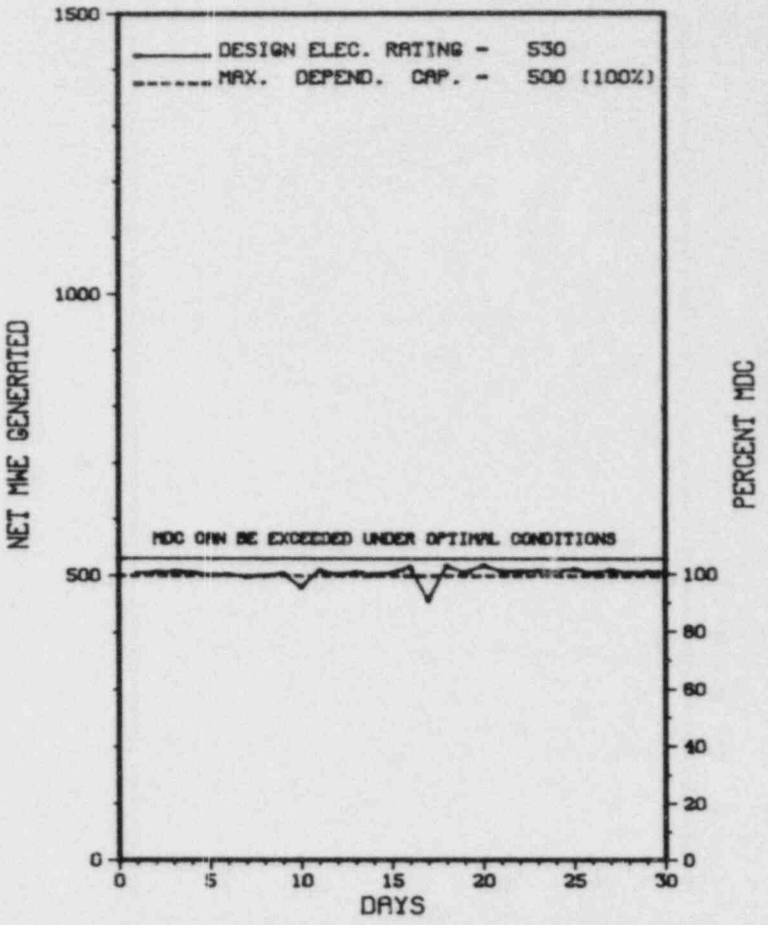
REFUELING OUTAGE IN AUGUST OF 1984.

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

****
* PRAIRIE ISLAND 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

PRAIRIE ISLAND 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* PRAIRIE ISLAND 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
	06/10/84	S	0.0	B	5				AXIAL OFFSET TEST.
	06/17/84	S	0.0	B	5				TURBINE VALVES TEST.

****
* SUMMARY *
****

PRAIRIE ISLAND 2 OPERATED ROUTINELY IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* PRAIRIE ISLAND 2 *
****

FACILITY DATA

Report Period JUN 1984

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. DIIANNI
DOCKET NUMBER.....50-306

LICENSE & DATE ISSUANCE....DPR-60, OCTOBER 29, 1974

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INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON NOVEMBER 7 AND 9, 1983 AND MARCH 19-20, 1984 (83-22): SPECIAL ANNOUNCED INSPECTION BY NRC INSPECTOR OF DEGRADED VOLTAGE PROTECTION MEASURES. THE INSPECTION INVOLVED 20 INSPECTOR-HOURS ONSITE AND 20 INSPECTOR-HOURS IN OFFICE BY ONE NRC INSPECTOR INCLUDING NO INSPECTOR-HOURS ONSITE DURING OFF-SHIFTS. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED (FAILURE TO PERFORM AND DOCUMENT A 50.59 SAFETY EVALUATION).

INSPECTION OF MAY 21 - 23, (84-07): SPECIAL INSPECTION OF CONDITIONS SURROUNDING THE SIMULTANEOUS OPENING OF BOTH SHIELD BUILDING MAINTENANCE AIRLOCK DOORS FOR UNIT 1 WITH THE UNIT AT FULL POWER. THE INSPECTION INVOLVED 11 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR. ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED (FAILURE TO KEEP ONE SHIELD BUILDING MAINTENANCE AIRLOCK DOOR CLOSED WITH THE REACTOR AT FULL POWER).

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: MAY 7-11, 1984

INSPECTION REPORT NO: 84-06

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: 50-254 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: DAVE KIMLER (309) 654-2241 X192

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	720.0	4,367.0	106,391.0
13. Hours Reactor Critical	.0	1,562.1	85,117.7
14. Rx Reserve Shtdwn Hrs	.0	.0	3,421.9
15. Hrs Generator On-Line	.0	1,561.2	81,908.3
16. Unit Reserve Shtdwn Hrs	.0	.0	909.2
17. Gross Therm Ener (MWH)	0	3,659,732	168,766,438
18. Gross Elec Ener (MWH)	0	1,213,148	54,471,876
19. Net Elec Ener (MWH)	-2,634	1,147,630	50,752,890
20. Unit Service Factor	.0	35.7	77.0
21. Unit Avail Factor	.0	35.7	77.8
22. Unit Cap Factor (MDC Net)	.0	34.2	62.0
23. Unit Cap Factor (DER Net)	.0	33.3	60.5
24. Unit Forced Outage Rate	.0	.0	5.9
25. Forced Outage Hours	.0	.0	2,728.0

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

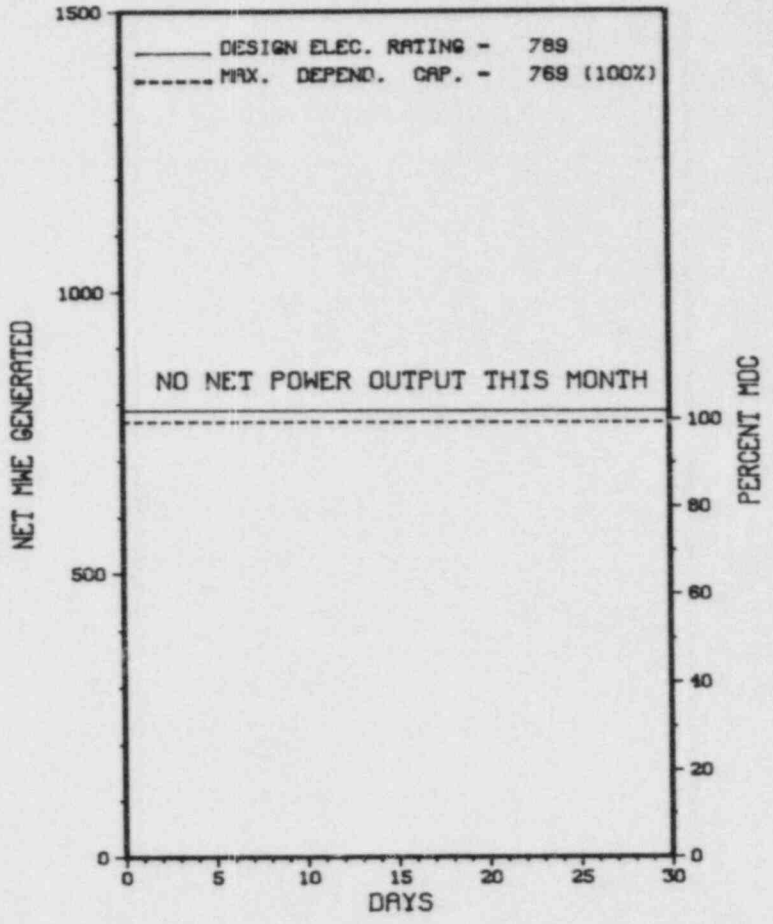
NONE

27. If Currently Shutdown Estimated Startup Date: 07/30/84

****
* QUAD CITIES 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

QUAD CITIES 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* QUAD CITIES 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-14	03/06/84	S	720.0	C	4		RC	FUELXX	UNIT ONE REMAINS SHUTDOWN FOR END OF CYCLE SEVEN REFUELING AND MAINTENANCE.

****
* SUMMARY *
****

QUAD CITIES 1 REMAINS SHUT DOWN FOR REFUELING AND 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* QUAD CITIES 1 *
****

FACILITY DATA

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

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MOLINE, ILLINOIS 61265

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 2 THROUGH MAY 9, (84-04): ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF PREVIOUS INSPECTION FINDINGS, OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; LICENSEE EVENT REPORTS; IE BULLETIN FOLLOWUP; REACTOR SCRAMS; REVIEW OF LICENSEE'S MONTHLY PERFORMANCE REPORT; PROCEDURES; REFUELING; TMI ACTION PLAN FOLLOWUP; SPECIAL REPORTS, REGIONAL REQUESTS; MEETINGS WITH LOCAL OFFICIALS; AND INDEPENDENT INSPECTION. THE INSPECTION INVOLVED 413 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS INCLUDING 83 INSPECTOR-HOURS ONSITE DURING OFF SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 30 THROUGH MAY 3, AND MAY 14, (84-07): INCLUDED A REVIEW OF SECURITY PLAN AND IMPLEMENTING PROCEDURES; SECURITY ORGANIZATION - MANAGEMENT, PERSONNEL, AND RESPONSE; SECURITY PROGRAM AUDIT; TESTING AND MAINTENANCE; PHYSICAL BARRIERS - PROTECTED AND VITAL AREAS; ASSESSMENT AIDS; ACCESS CONTROL - PERSONNEL, PACKAGES, AND VEHICLES; DETECTION AIDS - PROTECTED AND VITAL AREAS; ALARM STATIONS; AND COMMUNICATIONS. THE INSPECTION INVOLVED 35.5 HOURS OF DIRECT INSPECTION EFFORT BY ONE NRC INSPECTOR. THE INSPECTION BEGAN DURING THE DAYSHIFT; 11.5 HOURS WERE ACCOMPLISHED DURING OFF-SHIFT PERIODS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS IN THE AREAS EXAMINED DURING THE INSPECTION.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS SHUT DOWN FOR REFUELING. EXPECTED STARTUP 7/31/84.

LAST IE SITE INSPECTION DATE: MAY 20 - JUNE 23, 1984

INSPECTION REPORT NO: 84-08

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
84-07	05/07/84	05/30/84	RHR SERVICE WATER VAULT PENETRATIONS LEAKED.
84-08	05/11/84	06/08/84	125 VOLT BATTERY CAPABILITY RE-EVALUATION.
84-09	05/19/84	06/11/84	REACTOR SCRAM.

1. Docket: 50-265 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: DAVE KIMLER (309) 654-2241 X192
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	720.0	4,367.0	105,501.0
13. Hours Reactor Critical	656.5	2,821.1	80,738.7
14. Rx Reserve Shtdwn Hrs	.0	.0	2,985.8
15. Hrs Generator On-Line	644.2	2,711.0	77,920.8
16. Unit Reserve Shtdwn Hrs	.0	.0	702.9
17. Gross Therm Ener (MWH)	1,482,529	6,279,983	161,662,071
18. Gross Elec Ener (MWH)	474,417	2,038,706	51,474,464
19. Net Elec Ener (MWH)	453,336	1,940,177	48,275,051
20. Unit Service Factor	89.5	62.1	73.9
21. Unit Avail Factor	89.5	62.1	74.5
22. Unit Cap Factor (MDC Net)	81.9	57.8	59.5
23. Unit Cap Factor (DER Net)	79.8	56.3	58.0
24. Unit Forced Outage Rate	2.7	5.2	8.5
25. Forced Outage Hours	18.1	148.1	3,338.2

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

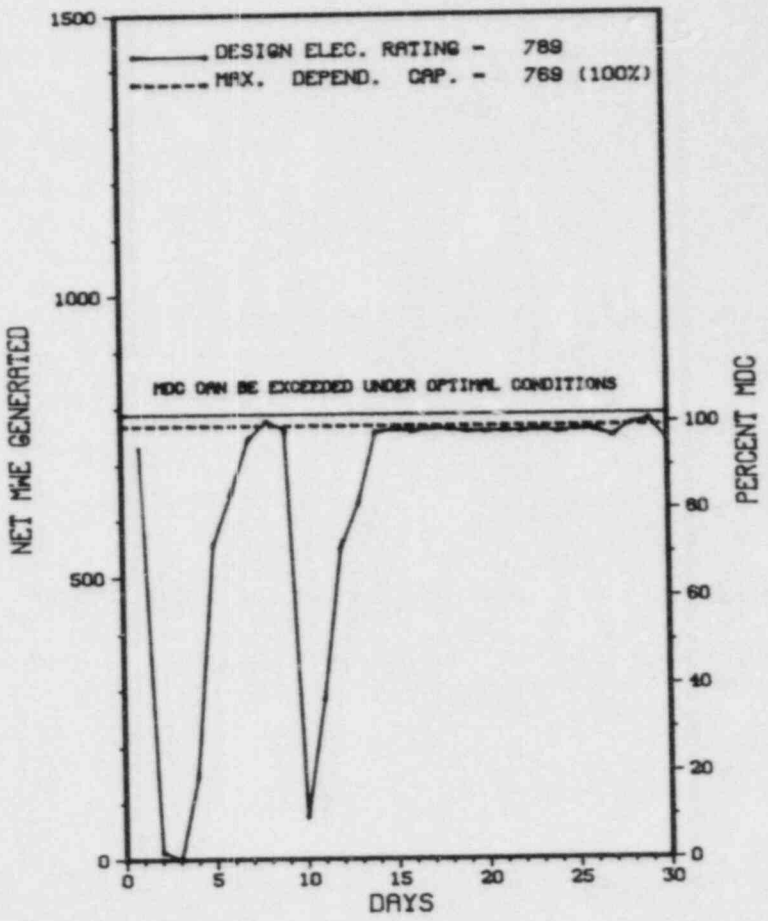
NONE

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

****
* QUAD CITIES 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

QUAD CITIES 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

QUAD CITIES 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-19	06/01/84	S	0.0	B	5		RC	CONROD	REDUCED LOAD FOR ROD MANEUVER IN PREARATION FOR UNIT SHUTDOWN.
84-20	06/02/84	S	57.7	B	2		ED	TRANSF	MANUALLY SCRAMMED UNIT TO REPAIR OIL LEAK ON TRANSFORMER 21.
84-21	06/06/84	S	0.0	H	5		RC	CONROD	REDUCED LOAD TO PERFORM CONTROL ROD MANEUVER PER NUCLEAR ENGINEER.
84-22	06/10/84	S	0.0	B	5		CD	VALVEX	REDUCED LOAD TO PERFORM BI-WEEKLY MAIN STEAM ISOLATION VLAVE TEST.
84-23	06/10/84	F	18.1	A	3		CC	VALVEX	REACTOR SCRAM DUE TO "FAST" CLOSURE OF #4 CONTROL VALVE DURING TESTING.
84-24	06/11/84	S	0.0	B	5		CH	VALVEX	REDUCED LOAD TO ALLOW MAINTENANCE TO WORK ON FEEDWATER HEATER VALVE.
84-25	06/13/84	S	0.0	H	5		RC	CONROD	REDUCED LOAD TO PERFORM CONTROL ROD MANEUVER PER NUCLEAR ENGINEER.
84-26	06/16/84	S	0.0	B	5		HA	TURBIN	REDUCED LOAD TO PERFORM WEEKLY TURBINE TESTS.
84-27	06/24/84	S	0.0	B	5		HA	TURBIN	REDUCED LOAD TO PERFORM WEEKLY TURBINE TESTS.
84-28	06/30/84	S	0.0	B	5		HA	TURBIN	REDUCED LOAD TO PERFORM WEEKLY TURBINE TESTS.

SUMMARY

QUAD CITIES 2 EXPERIENCED 2 SHUTDOWNS IN JUNE AS DISCUSSED ABOVE.

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

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

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504 17TH STREET
MOLINE, ILLINOIS 61265

INSPECTION STATUS

INSPECTION SUMMARY

INSPECTION ON APRIL 2 THROUGH MAY 9, (84-03): ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF PREVIOUS INSPECTION FINDINGS, OPERATIONAL SAFETY; MAINTENANCE; SURVEILLANCE; LICENSEE EVENT REPORTS; IE BULLETIN FOLLOWUP; REACTOR SCRAMS; REVIEW OF LICENSEE'S MONTHLY PERFORMANCE REPORT; PROCEDURES; REFUELING; TMI ACTION PLAN FOLLOWUP; SPECIAL REPORTS, REGIONAL REQUESTS; MEETINGS WITH LOCAL OFFICIALS; AND INDEPENDENT INSPECTION. THE INSPECTION INVOLVED 413 INSPECTOR-HOURS ONSITE BY THREE NRC INSPECTORS INCLUDING 83 INSPECTOR-HOURS ONSITE DURING OFF SHIFTS. NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION ON APRIL 30 THROUGH MAY 3, AND MAY 14, (84-06): INCLUDED A REVIEW OF SECURITY PLAN AND IMPLEMENTING PROCEDURES; SECURITY ORGANIZATION - MANAGEMENT, PERSONNEL, AND RESPONSE; SECURITY PROGRAM AUDIT; TESTING AND MAINTENANCE; PHYSICAL BARRIERS - PROTECTED AND VITAL AREAS; ASSESSMENT AIDS; ACCESS CONTROL - PERSONNEL, PACKAGES, AND VEHICLES; DETECTION AIDS - PROTECTED AND VITAL AREAS; ALARM STATIONS; AND COMMUNICATIONS. THE INSPECTION INVOLVED 35.5 HOURS OF DIRECT INSPECTION EFFORT BY ONE NRC INSPECTOR. THE INSPECTION BEGAN DURING THE DAYSHIFT; 11.5 HOURS WERE ACCOMPLISHED DURING OFF-SHIFT PERIODS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS IN THE AREAS EXAMINED DURING THE INSPECTION.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE UNIT IS OPERATING NORMALLY.

LAST IE SITE INSPECTION DATE: MAY 20 - JUNE 23, 1984

INSPECTION REPORT NO: 84-08

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
84-05	05/08/84	05/22/84	SHUTDOWN TO REPAIR ELECTROMATIC RELIEF PILOT VALVE.

1. Docket: 50-312 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	80,688.0
13. Hours Reactor Critical	696.5	3,569.9	47,921.5
14. Rx Reserve Shtdwn Hrs	23.5	790.9	10,104.7
15. Hrs Generator On-Line	690.2	3,444.8	45,987.0
16. Unit Reserve Shtdwn Hrs	.0	.0	1,210.2
17. Gross Therm Ener (MWH)	1,750,730	8,407,688	114,319,030
18. Gross Elec Ener (MWH)	590,414	2,805,074	38,201,146
19. Net Elec Ener (MWH)	559,487	2,635,573	36,009,897
20. Unit Service Factor	95.9	78.9	57.0
21. Unit Avail Factor	95.9	78.9	58.5
22. Unit Cap Factor (MDC Net)	89.0	69.1	51.1
23. Unit Cap Factor (DER Net)	84.6	65.7	48.6
24. Unit Forced Outage Rate	4.1	21.1	27.4
25. Forced Outage Hours	29.8	922.2	17,332.2

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

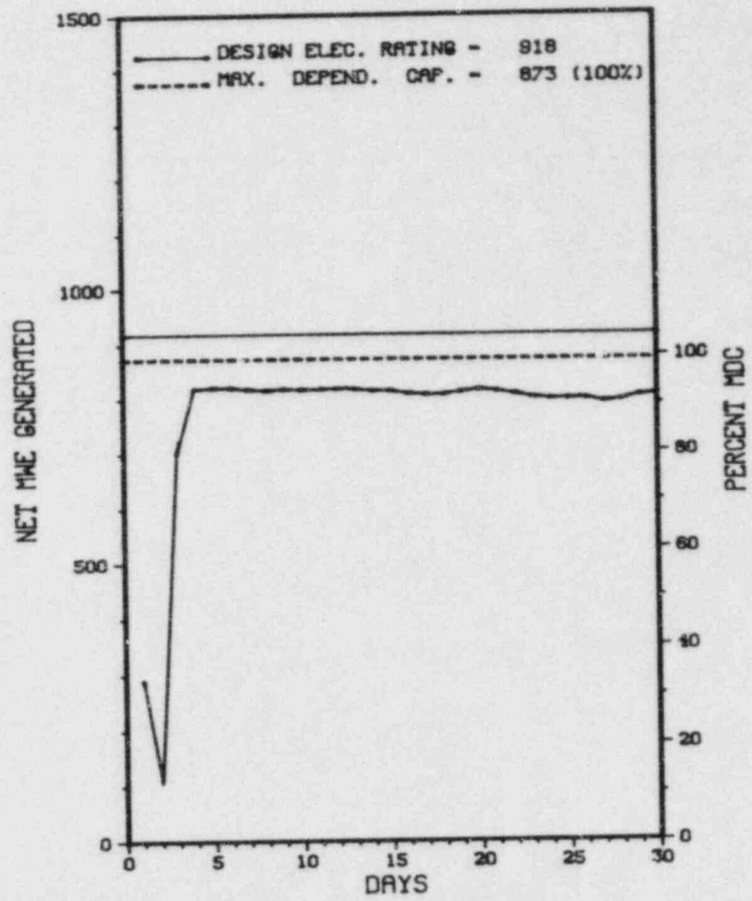
REFUELING, OCTOBER 1984, THREE MONTHS.

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

****
* RANCHO SECO 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

RANCHO SECO 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* RANCHO SECO 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
7	06/01/84	F	29.8	A	3		HH	INSTRU	"B" FEEDWATER PUMP OVERSPEED-REPLACED TRANSMITTER SWITCHES THAT SHORTED OUT.

****
* SUMMARY *
****

RANCHO SECO 1 EXPERIENCED 1 SHUTDOWN IN JUNE 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* RANCHO SECO 1 *
****

FACILITY DATA

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 FEBRUARY 24 - APRIL 26, 1984 (REPORT NO. 50-312/84-07) AREAS INSPECTED: THIS ROUTINE INSPECTION BY THE RESIDENT INSPECTORS AND TWO REGIONAL-BASED INSPECTORS INVOLVED 507 INSPECTOR-HOURS ONSITE IN THE AREAS OF FOLLOWUP OF LICENSEE EVENT REPORTS; PLANT OPERATIONS; LICENSEE'S COMMITMENTS; OPERATIONS SAFETY VERIFICATION; AND MEDIA CONTACTS.

RESULTS: OF THE AREAS INSPECTED, ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED IN THE AREA OF DOCUMENT CONTROL.

+ INSPECTION ON MAY 4, 1984 (REPORT NO. 50-312/84-08) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON APRIL 27 - JUNE 6, 1984 (REPORT NO. 50-312/84-09) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 18-22, 1984 (REPORT NO. 50-312/84-11) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ MEETING ON APRIL 23, 1984 (REPORT NO. 50-312/84-12) SCOPE: SPECIAL MANAGEMENT MEETING TO DISCUSS THE RESULTS OF THE NRC ASSESSMENT OF THE LICENSEE'S PERFORMANCE FROM OCTOBER 31, 1982 THROUGH OCTOBER 30, 1983, AS PART OF THE NRC'S SYSTEMATIC ASSESSMENT OF LICENSEE PERFORMANCE (SALP) PROGRAM. AREAS ADDRESSED INCLUDED PLANT OPERATIONS; RADIOLOGICAL CONTROLS; MAINTENANCE; SURVEILLANCE; FIRE PROTECTION; EMERGENCY PREPAREDNESS; SECURITY AND SAFEGUARDS, REFUELING; AND LICENSING ACTIVITIES.

RESULTS: A SUMMARY OF THE NRC'S ASSESSMENT OF THE LICENSEE'S PERFORMANCE WAS PRESENTED. NO NEW ENFORCEMENT ACTIONS WERE

****
* RANCHO SECO 1 *
****

INSPECTION SUMMARY

IDENTIFIED.

+ INSPECTION ON JUNE 25-29, 1984 (REPORT NO. 50-312/84-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 26 - JULY 6, 1984 (REPORT NO. 50-312/84-14) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 16 - JULY 18, 1984 (REPORT NO. 50-312/84-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON APRIL 24-25, 1984 (REPORT NO. 50-312/84-16) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ EXAM ON MAY 21 - JUNE 2, 1984 (REPORT NO. 50-312/OL-84-01) A WRITTEN AND OPERATING EXAM WAS ADMINISTERED TO TEN RO CANDIDATES, FOUR SRO CANDIDATES AND TWO NUCLEAR PLANT INSTRUCTORS. ALL CANDIDATES AND INSTRUCTORS PASSED THE WRITTEN AND OPERATING EXAMINATIONS.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

+ ON JUNE 1, THE PLANT WAS SHUT DOWN BY A REACTOR TRIP FROM 68 PERCENT POWER LEVEL DUE TO A SHORT CIRCUIT IN THE MAIN STEAM LINE BREAK LOGIC CAUSED BY A LEAKING STEAM PRESSURE DETECTOR TRANSMITTER. THE PLANT RESUMED 91 PERCENT POWER OPERATION ON JUNE 2 AND REMAINED AT THAT LEVEL FOR THE REST OF THE MONTH.

LAST IE SITE INSPECTION DATE: 06/16-07/18/84+

INSPECTION REPORT NO: 50-312/84-15+

REPORTS FROM LICENSEE

****
* RANCHO SECO 1 *
****

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-17/L0	04-22-84	05-22-84	BREAKER FOR CORE FLOOD TANK VENT VALVE NOT CLEARED PRIOR TO STARTUP
83-03-L1	01-11-83	05-15-84	MONTHLY TESTING OF MASTER REACTOR TRIP KA RELAY
84-18/L0	06-01-84	06-29-84	LEAK IN PRESSURE DETECTOR CAUSES SHORT CIRCUIT IN STEAM LINE RUPTURE LOGIC

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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: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: H. RAY NORRIS (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	720.0	4,367.0	116,813.0
13. Hours Reactor Critical	.0	616.1	84,196.8
14. Rx Reserve Shtdwn Hrs	.0	38.9	1,675.5
15. Hrs Generator On-Line	.0	615.8	82,065.9
16. Unit Reserve Shtdwn Hrs	.0	.0	23.2
17. Gross Therm Ener (MWH)	0	783,895	162,875,180
18. Gross Elec Ener (MWH)	0	246,010	52,344,876
19. Net Elec Ener (MWH)	-1,677	213,458	49,433,082
20. Unit Service Factor	.0	14.1	70.3
21. Unit Avail Factor	.0	14.1	70.3
22. Unit Cap Factor (MDC Net)	.0	7.4	63.6
23. Unit Cap Factor (DER Net)	.0	7.0	60.5
24. Unit Forced Outage Rate	.0	17.2	14.6
25. Forced Outage Hours	.0	128.2	8,233.5

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

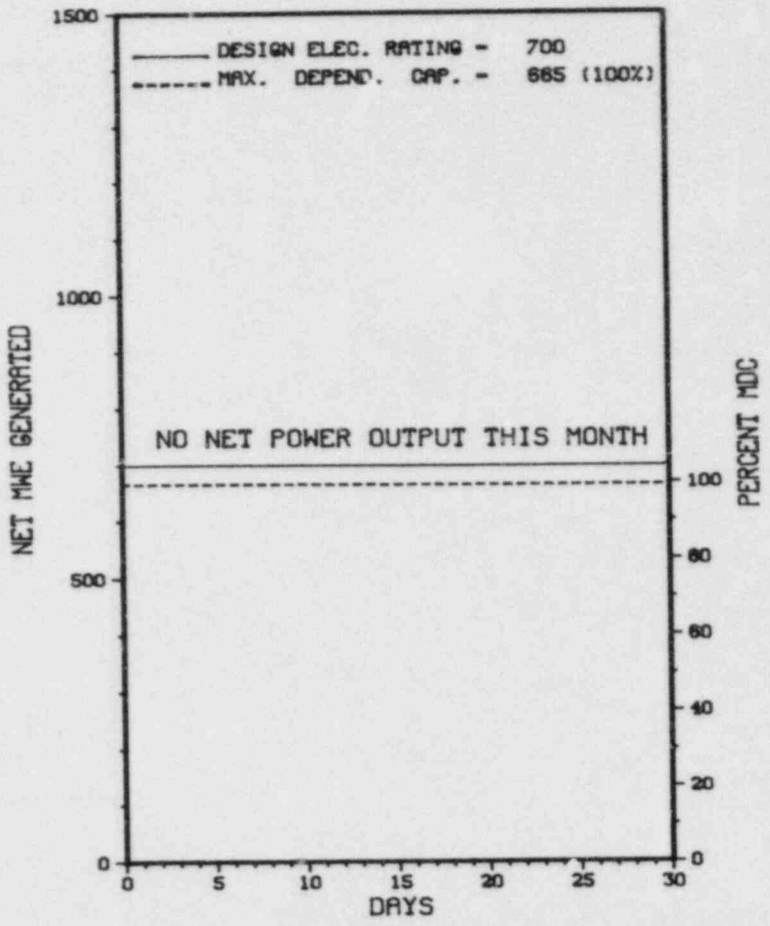
NONE

27. If Currently Shutdown Estimated Startup Date: 10/25/84

****
* ROBINSON 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ROBINSON 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* ROBINSON 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
0601	01/26/84	S	720.0	C	4		CJ	HTEXCH	CONTINUATION OF REFUELING AND STEAM GENERATOR REPLACEMENT OUTAGE.

****
* SUMMARY *
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ROBINSON 2 REMAINS SHUT DOWN FOR REFUELING AND STEAM GENERATOR REPLACEMENT.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* ROBINSON 2 *
****

FACILITY DATA

Report Period JUN 1984

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.....S. WEISE

LICENSING PROJ MANAGER.....G. REQUA
DOCKET 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 1-4 (84-15): THIS SPECIAL, UNANNOUNCED INSPECTION INVOLVED 28 INSPECTOR HOURS ON SITE IN THE AREAS OF PRE-PLANNING AND QUALITY ASSURANCE ACTIVITIES ASSOCIATED WITH STEAM GENERATOR REPLACEMENT. OF THE AREA INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-17): THIS SPECIAL, UNANNOUNCED INSPECTION INVOLVED 28 INSPECTOR HOURS ON SITE DURING REGULAR HOURS INSPECTING: NUREG-0737, ITEM II.F.1, CONTAINMENT HIGH RANGE RADIATION MONITORS; QUALITY ASSURANCE SURVEILLANCE PROGRAM; POSTING OF NOTICES TO WORKERS; EXTERNAL AND INTERNAL EXPOSURE CONTROL; RESPIRATOR PROTECTION PROGRAM; RADIATION WORK PERMITS FOR STEAM GENERATOR REPLACEMENT PROJECT; POSTING, LABELING AND CONTROL OF RADIOLOGICAL AREAS; AND FACILITIES AND EQUIPMENT. THREE VIOLATIONS - 1) FAILURE TO CALIBRATE CONTAINMENT HIGH RADIATION MONITORS AS REQUIRED AND IN ACCORDANCE WITH NUREG-0737. 2) FAILURE TO TAKE A REPRESENTATIVE AIR SAMPLE FOR DETECTING AND EVALUATING AIRBORNE RADIOACTIVITY IN RESTRICTED AREAS AS REQUIRED BY 10 CFR 20.103. 3) FAILURE TO FOLLOW RADIATION WORK PERMITS, PROCEDURE HP-006.

INSPECTION MAY 15-18 (84-18): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 24 INSPECTOR HOURS ON SITE IN THE AREAS OF ELECTRICAL MAINTENANCE AND GENERAL HOUSEKEEPING. OF THE TWO AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 11 - JUNE 10 (84-19): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 109 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF TECHNICAL SPECIFICATION COMPLIANCE, PLANT TOUR, OPERATIONS PERFORMANCE, REPORTABLE OCCURRENCES, HOUSEKEEPING, SITE SECURITY, SURVEILLANCE ACTIVITIES, MAINTENANCE ACTIVITIES, QUALITY ASSURANCE PRACTICES, RADIATION CONTROL ACTIVITIES, OUTSTANDING ITEMS REVIEW, ROBINSON IMPROVEMENT PROGRAM FOLLOWUP, AND ENFORCEMENT ACTION FOLLOWUP. OF THE 13 AREAS INSPECTED, NO VIOLATIONS OR

INSPECTION SUMMARY

DEVIATIONS WERE IDENTIFIED IN TEN AREAS; THREE VIOLATIONS WERE FOUND IN THREE AREAS (FAILURE TO IMPLEMENT PROCEDURES, PARAGRAPH 9; INACCURATE STATEMENT IN A LICENSEE EVENT REPORT, PARAGRAPH 11.D; FAILURE TO ADEQUATELY ESTABLISH SURVEILLANCE PROCEDURES, PARAGRAPH 5.B); NO APPARENT DEVIATION WAS FOUND IN ANY AREA.

INSPECTION MAY 29 - JUNE 1 (84-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 34 INSPECTOR HOURS ON SITE IN THE AREAS OF MODIFICATION PROGRESS AND STEAM GENERATOR REPLACEMENT PROJECT. VIOLATION - FAILURE TO ESTABLISH ADEQUATE CONTROLS FOR WELDING FILLER MATERIAL CONTROL. NO DEVIATIONS WERE FOUND.

INSPECTION JUNE 12-15 (84-22): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 33 INSPECTOR HOURS ON SITE IN THE AREAS OF STEAM GENERATOR REPLACEMENT PROJECT AND INSPECTOR FOLLOWUP ITEMS. ONE VIOLATION WAS IDENTIFIED - FAILURE TO FOLLOW TEMPORARY ATTACHMENT PROCEDURE. NO DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

10 CFR 20.203(B) REQUIRES THAT EACH RADIATION AREA BE CONSPICUOUSLY POSTED WITH A SIGN OR SIGNS BEARING THE RADIATION CAUTION SYMBOL AND THE WORDS: CAUTION (OR DANGER), RADIATION AREA. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO POST A RADIATION AREA IN THAT ON MARCH 23, 1984, A TRAILER CONTAINING FUEL SIPPING EQUIPMENT WITH GENERAL AREA RADIATION LEVELS AROUND THE TRAILER MEASURING 8 MRS/HR WAS NOT POSTED AS A RADIATION AREA. 10 CFR 20.203(F)(1) REQUIRES THAT EACH CONTAINER OF LICENSED MATERIAL SHALL BEAR A DURABLE, CLEARLY VISIBLE LABEL IDENTIFYING THE RADIOACTIVE CONTENTS. THE EXCEPTIONS OF 10 CFR 20.203(F)(3) DO NOT APPLY. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO LABEL A CONTAINER OF RADIOACTIVE MATERIAL IN THAT ON MARCH 20, 1984, A METAL BOX UTILIZED FOR HOLDING LAUNDERED PROTECTIVE CLOTHING WAS NOT LABELED WITH A CLEARLY VISIBLE LABEL IDENTIFYING THE RADIOACTIVE CONTENTS OF THE BOX. 10 CFR 20.103(C)(2) REQUIRES CERTAIN CONDITIONS TO BE MET BEFORE A LICENSEE MAY MAKE ALLOWANCES FOR THE USE OF RESPIRATORY PROTECTIVE EQUIPMENT. ONE CONDITION IS THAT THE LICENSEE MAINTAINS AND IMPLEMENTS A RESPIRATORY PROTECTION PROGRAM THAT INCLUDES WRITTEN PROCEDURES REGARDING TRAINING OF PERSONEL. HEALTH PHYSICS PROCEDURE HPP-102, RESPIRATOR FIT-TESTING, SECTION 5.2.2 REQUIRES THAT PERSONNEL ATTEND A RESPIRATORY TRAINING CLASS AND PASS A TEST PRIOR TO WEARING A RESPIRATOR. CONTRARY TO THE ABOVE, DURING 1983 FIFTEEN LICENSEE PERSONNEL WORE RESPIRATORS WITHOUT PASSING A WRITTEN TEST.
(8410 4)

TECHNICAL SPECIFICATION 6.5.1.1.1 REQUIRES THAT WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED COVERING APPLICABLE PROCEDURES RECOMMENDED IN APPENDIX "A" OF REGULATORY GUIDE 1.33, REVISION 2, FEBRUARY 1978. APPENDIX "A" REGULATORY GUIDE 1.33 STATES THAT THE LICENSEE SHOULD HAVE PROCEDURES FOR THE CONTROL OF RADIOACTIVITY. HEALTH PHYSICS PROCEDURE HPP-004, SECTION 3.2.4, REQUIRES, IN PART, THAT A FIXED RADIATION SURVEY AND A LOOSE (SMEARABLE) CONTAMINATION SURVEY BE PERFORMED ON EQUIPMENT LEAVING THE RADIATION CONTROL AREA (RCA) PRIOR TO RELEASE OF THE EQUIPMENT. CONTRARY TO THE ABOVE, THIS PROCEDURE WAS NOT FOLLOWED IN THAT ON APRIL 19, 1984, A SPOOL OF CABLE WAS RELEASED FROM THE RCA WITHOUT BEING SURVEYED FOR SMEARABLE CONTAMINATION.

(8414 5)

CONTRARY TO 10 CFR 50.73, LICENSEE EVENT REPORT 84-02 WAS ISSUED WITH AN INACCURATE STATEMENT CONCERNING CORRECTIVE ACTIONS. CONTRARY TO TECHNICAL SPECIFICATION 6.5.1.1.1.C, AN ADEQUATE SURVEILLANCE PROCEDURE WAS NOT ESTABLISHED FOR TESTING OF AUTOMATIC ACTUATION CIRCUITRY ASSOCIATED WITH SAFETY INJECTION INITIATION FOR STEAM BREAK PROTECTION.
(8419 4)

CONTRARY TO TECHNICAL SPECIFICATION 6.11, HEALTH PHYSICS PROCEDURE DP-004 WAS NOT IMPLEMENTED.
(8419 5)

CONTRARY TO 10CFR50, APPENDIX B, CRITERION IX ADEQUATE CONTROLS WERE NOT ESTABLISHED FOR WELDING FILLER MATERIAL CONTROL.
(8420 5)

****
* ROBINSON 2 *
****

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

SHUTDOWN FOR STEAM GENERATORS TUBE BUNDLE REPLACEMENT.

LAST IE SITE INSPECTION DATE: JUNE 12-15, 1984 +

INSPECTION REPORT NO: 50-261/84-22 +

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
83-014/ - -	05/22/84	05/25/84	A SERVICE WATER LEAK WAS DISCOVERED ON CONTAINMENT FAN COOLER HVH-2. THE TUBE BUNDLES FOR FAN COOLERS HVH-1, 2, 3, AND 4 WERE SUBSEQUENTLY REPLACED.
84-002/ - -	04/27/84	05/25/84	FAILURE TO TEST A FIRE DAMPER, 3 CURTAINS IN FIRE DAMPER FD-12 PARTIALLY FAILED THEIR OPERATIONAL SURVEILLANCE TEST.

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1. Docket: 50-272 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 7:0.0

3. Utility Contact: L. K. MILLER (609) 935-6000 X4455

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	61,392.0
13. Hours Reactor Critical	.0	1,237.6	34,388.8
14. Rx Reserve Shtdwn Hrs	.0	54.5	3,088.4
15. Hrs Generator On-Line	.0	1,197.8	32,975.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	3,800,023	99,621,600
18. Gross Elec Ener (MWH)	0	1,281,380	32,896,278
19. Net Elec Ener (MWH)	-3,071	1,209,632	31,180,944
20. Unit Service Factor	.0	27.4	53.7
21. Unit Avail Factor	.0	27.4	53.7
22. Unit Cap Factor (MDC Net)	.0	25.7	47.1
23. Unit Cap Factor (DER Net)	.0	25.4	46.6
24. Unit Forced Outage Rate	.0	45.8	31.2
25. Forced Outage Hours	.0	1,010.2	15,233.5

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

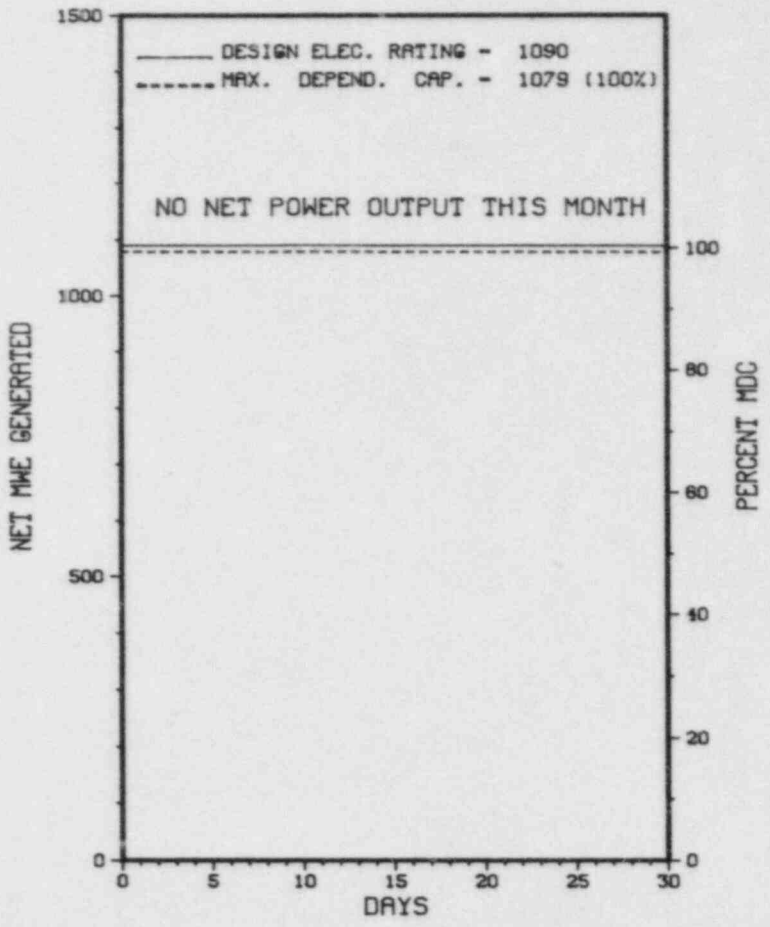
NONE

27. If Currently Shutdown Estimated Startup Date: 08/11/84

****
* SALEM 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SALEM 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

SALEM 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-174	04/02/84	S	720.0	C	4		RC	FUELXX	NUCLEAR NORMAL REFUELING CONTINUES.

SUMMARY

SALEM 1 CONTINUES IN A REFUELING SHUTDOWN.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SALEM 1 *
****

FACILITY DATA

Report Period JUN 1984

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

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

FAILURE TO PROVIDE EMERGENCY PLANNING INFORMATION TO THE PUBLIC WITHIN THE PLUME EXPOSURE ZONE ON AN ANNUAL BASIS AS REQUIRED BY 10 CFR 50.47 (B) (7). FAILURE TO PROVIDE EMERGENCY PLANNING INFORMATION TO THE PUBLIC WITHIN THE PLUME EXPOSURE ZONE ON AN ANNUAL BASIS AS REQUIRED BY 10 CFR 50.47 (B) (7).
(8410 4)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

NO INPUT PROVIDED.

****
* SALEM 1 *
****

OTHER ITEMS

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: 50-311 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: L. K. MILLER (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	720.0	4,367.0	23,808.0
13. Hours Reactor Critical	421.0	1,918.3	13,626.8
14. Rx Reserve Shtdwn Hrs	.0	1,443.0	3,533.6
15. Hrs Generator On-Line	405.4	1,769.6	13,186.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,345,678	5,743,709	39,214,781
18. Gross Elec Ener (MWH)	449,880	1,904,810	12,773,100
19. Net Elec Ener (MWH)	425,465	1,784,158	12,101,409
20. Unit Service Factor	56.3	40.5	55.4
21. Unit Avail Factor	56.3	40.5	55.4
22. Unit Cap Factor (MDC Net)	53.4	36.9	46.0
23. Unit Cap Factor (DER Net)	53.0	36.6	45.6
24. Unit Forced Outage Rate	43.7	59.5	34.0
25. Forced Outage Hours	314.6	2,597.4	6,780.5

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

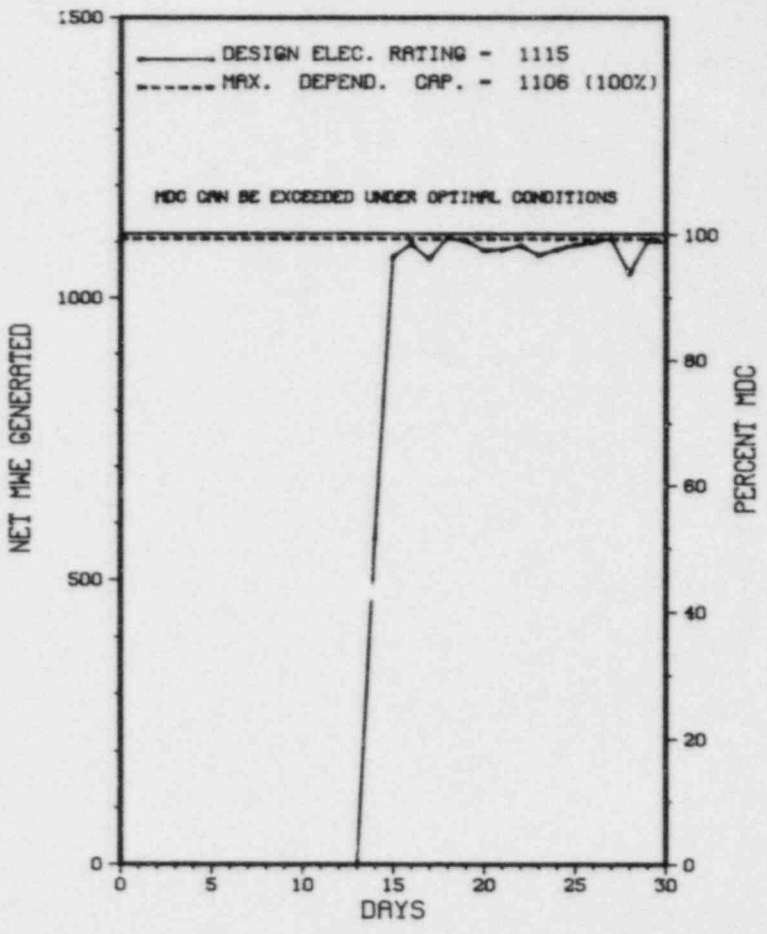
NONE

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

****
* SALEM 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SALEM 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SALEM 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-170	05/30/84	F	314.6	A	1		SF	VALVEX	HIGH PRESSURE SAFETY INJECTION/CORE SPRAY.
84-172	06/14/84	F	0.0	A	5		HH	INSTRU	SPEED CONTROL, FEEDWATER PUMP.
84-190	06/23/84	F	0.0	B	5		HF	FILTER	TRAVELING SCREEN/TRASH RACK/CANAL SCREEN.
84-192	06/23/84	F	0.0	B	5		HF	FILTER	TRAVELING SCREEN/TRASH RACK/CANAL SCREEN.

****
* SUMMARY *
****

SALEM 2 RETURNED TO POWER ON JUNE 14 FOLLOWING A SHUTDOWN FOR A SAFETY INJECTION/CORE SPRAY PROBLEM.

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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

****
* SALEM 2 *
****

FACILITY DATA

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

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112 WEST BROADWAY
SALEM, NEW JERSEY 08079

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

CONTRARY TO TECHNICAL SPECIFICATION 6.12, ON MARCH 26, 1984, A ZONE SURVEY OF THE UNIT 2 SKIMMAR FILTER ROOM IN THE FUEL HANDLING BUILDING IDENTIFIED A HIGH RADIATION AREA IN WHICH A PERSON COULD RECEIVE GREATER THAN 1000 MREM TO A MAJOR PORTION OF THE BODY IN ONE HOUR AND THIS AREA WAS NEITHER CONSPICUOUSLY POSTED AS A "HIGH RADIATION AREA" NOR LOCKED TO PREVENT UNAUTHORIZED ACCESS. (8413 4)

CONTRARY TO CRITERION XVI OF 10 CFR 50 APPENDIX B AND THE LICENSEE QUALITY ASSURANCE PROGRAM, CARDBOARD BOXES OF MSA FILTERS STORED ON THE 122 FOOT ELEVATION OF THE AUXILIARY BUILDING WERE IDENTIFIED AS A DEFICIENCY IN THE LICENSEE MANAGEMENT CLEANLINESS AND MATERIAL INSPECTION REPORT DATED MARCH 2, 1984 AND NO CORRECTIVE ACTIN WAS TAKEN AS OF MARCH 22, 1984. (8413 5)

OTHER ITEMS

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: 50-206 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: L. I. MAYWEATHER (714) 492-7700 X56223

4. Licensed Thermal Power (MWt): 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):

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	149,407.0
13. Hours Reactor Critical	.0	.0	88,440.8
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	.0	.0	84,821.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	108,263,946
18. Gross Elec Ener (MWH)	0	0	36,906,434
19. Net Elec Ener (MWH)	-994	-11,106	34,930,653
20. Unit Service Factor	.0	.0	54.7
21. Unit Avail Factor	.0	.0	54.7
22. Unit Cap Factor (MDC Net)	.0	.0	51.6
23. Unit Cap Factor (DER Net)	.0	.0	51.6
24. Unit Forced Outage Rate	.0	.0	21.9
25. Forced Outage Hours	.0	.0	11,178.3

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

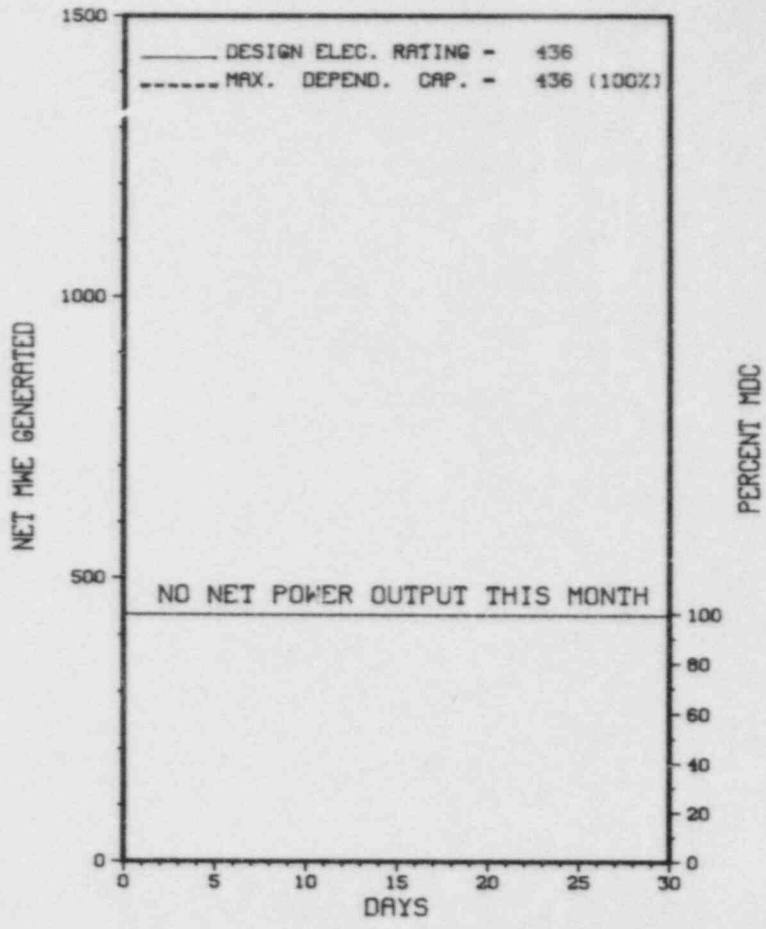
NONE

27. If Currently Shutdown Estimated Startup Date: 10/01/84

****
* SAN ONOFRE 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SAN ONOFRE 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SAN ONOFRE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
78	02/27/82	S	720.0	B	4		ZZ	ZZZZZZ	EXTENDED OUTAGE TO ACCOMPLISH SEISMICBACKFIT AND MISCELLANEOUS MAINTENANCE ITEMS.

****
* SUMMARY *
****

SAN ONOFRE 1 REMAINS SHUTDOWN FOR SEISMIC BACKFIT AND MISCELLANEOUS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SAN ONOFRE 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....E. MCKENNA
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 APRIL 9-13, APRIL 16-19, AND APRIL 30 - MAY 4, 1984 (REPORT NO. 50-206/84-10) AREAS INSPECTED: ROUTINE, ANNOUNCED INSPECTION OF SEISMIC MODIFICATIONS TO UNIT 1 BY THE NRC RESIDENT INSPECTORS AND TWO NRC CONSULTANTS IN THE FOLLOWING AREAS: A. SEISMIC MODIFICATION TO THE NORTH AND SOUTH EXTENSIONS OF THE TURBINE BUILDING. B. SEISMIC RACEWAY SUPPORT MODIFICATIONS IN THE 4160 VOLT SWITCHGEAR ROOM, THE CONTROL ROOM AND THE 480 VOLT ROOM. C. SEISMIC PIPE SUPPORTS ADDED IN THE CIRCULATING WATER PUMP PIT AREA 9. THE INSPECTION INVOLVED 89 INSPECTOR-HOURS ONSITE BY THE RESIDENT INSPECTORS AND 160 HOURS BY TWO NRC CONSULTANTS.

RESULTS: OF THE AREAS INSPECTED ONE VIOLATION WAS IDENTIFIED (INADEQUATE QC CONTROL OF WELDING UNDERCUT).

+ INSPECTION ON MAY 29 - JUNE 7, 1984 (REPORT NO. 50-206/84-12) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON APRIL 30 - JUNE 10, 1984 (REPORT NO. 50-206/84-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 12 - JULY 24, 1984 (REPORT NO. 50-206/84-14) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 18-22, 1984 (REPORT NO. 50-206/84-15) CANCELLED.

+ INSPECTION ON JULY 9-20, 1984 (REPORT NO. 50-206/84-16) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

****
* SAN ONOFRE 1 *
****

INSPECTION SUMMARY

+ INSPECTION ON JUNE 26-29, 1984 (REPORT NO. 50-206/84-17) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

THE PLANT HAS REMAINED SHUTDOWN SINCE LATE FEBRUARY 1982, FOR SEISMIC UP-GRADING, TMI MODIFICATIONS, STEAM GENERATOR TUBE RE-EVALUATION, EMERGENCY CORE COOLING SYSTEM TESTS, AND ROUTINE MAINTENANCE. THESE PROJECTS ARE NEARING COMPLETION AND RESTART IS AWAITING NRC RESOLUTION OF THE SEISMIC ISSUE.

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE PLANT HAS BEEN IN COLD SHUTDOWN SINCE FEBRUARY 1982, FOR EXTENSIVE SEISMIC REWORK. IN JUNE 1983, THE LICENSEE SUBMITTED TO NRR DESCRIPTIONS OF TWO PLANS FOR SONGS UNIT 1 AS WELL AS AN INDICATION OF THE CONTINUING ACTIONS WHICH WILL BE TAKEN UNTIL THE RESUMPTION OF POWER OPERATION. GENERALLY, THE LICENSEE WILL CONTINUE WORK TO COMPLETE NECESSARY MODIFICATIONS TO MAINTAIN THE PLANT IN MODE 5. AT THIS POINT, MODIFICATION EFFORTS WILL CEASE, AND A HOLD ON UNIT 1 ACTIVITIES WILL BE ASSUMED UNTIL AN ACCORD IS REACHED WITH NRR ON THE PLAN FOR RETURNING UNIT 1 TO POWER.

LAST IE SITE INSPECTION DATE: 07/09-20/84+

INSPECTION REPORT NO: 50-206/84-16+

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

1. Docket: 50-361 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: L. I. MAYWEATHER (714) 492-7700 X56223
4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	7,872.0
13. Hours Reactor Critical	463.1	3,229.5	5,842.2
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	462.6	3,154.8	5,716.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,510,122	10,313,640	18,807,175
18. Gross Elec Ener (MWH)	508,375	3,484,929	6,396,893
19. Net Elec Ener (MWH)	480,419	3,299,350	6,074,994
20. Unit Service Factor	64.3	72.2	72.6
21. Unit Avail Factor	64.3	72.2	72.6
22. Unit Cap Factor (MDC Net)	62.4	70.4	72.1
23. Unit Cap Factor (DER Net)	62.4	70.4	72.1
24. Unit Forced Outage Rate	.0	4.7	4.3
25. Forced Outage Hours	.0	156.8	257.7

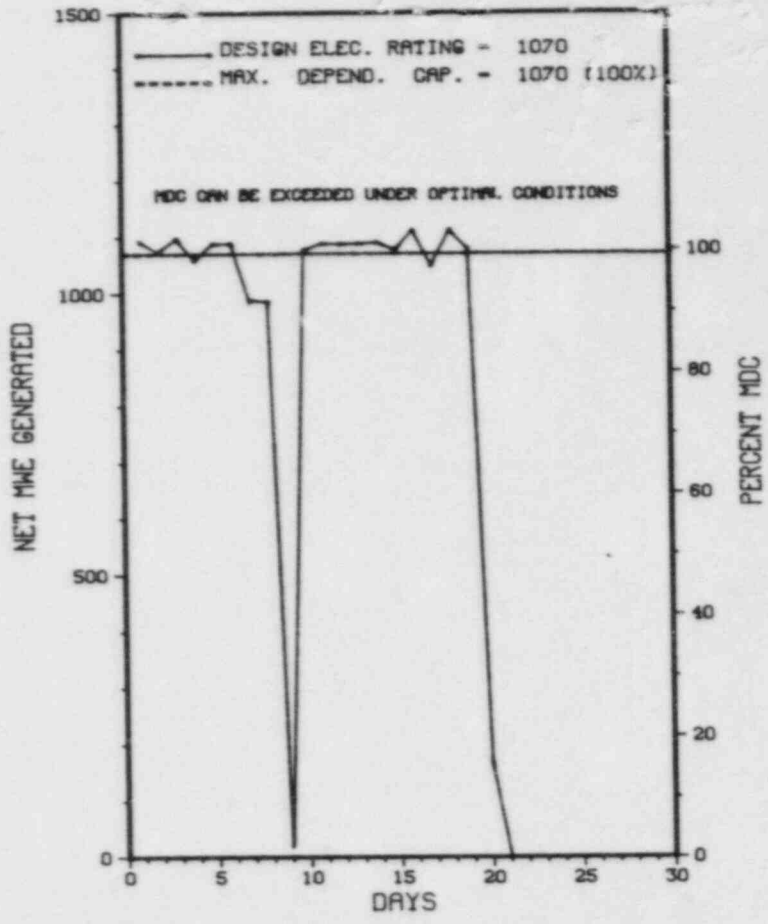
26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
REFUELING, SEPTEMBER 1984, 2 MONTH DURATION.

27. If Currently Shutdown Estimated Startup Date: 07/04/84

****
* SAN ONOFRE 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SAN ONOFRE 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SAN ONOFRE 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5	06/08/84	S	.0	B	5				REPAIR OF MAIN STEAM ISOLATION VALVE TEST SWITCH.
6	06/20/84	S	257.4	B	2		AB	SG	REPAIR OF PRIMARY TO SECONDARY LEAK IN STEAM GENERATOR E-088.

****
* SUMMARY *
****

SAN ONOFRE 2 WAS SHUTDOWN ON JUNE 20 FOR STEAM GENERATOR REPAIR.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SAN ONOFRE 2 *
****

FACILITY DATA

Report Period JUN 1984

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.....A. CHAFFEE

LICENSING PROJ MANAGER.....H. ROOD
DOCKET NUMBER.....50-361

LICENSE & DATE ISSUANCE...., SEPTEMBER 7, 1982

PUBLIC DOCUMENT ROOM.....SAN CLEMENTE LIBRARY
242 AVENIDA DEL MAR
SAN CLEMENTE, CALIFORNIA

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH-30, 1984 (REPORT NO. 50-361/84-08) AREAS INSPECTED: AN ANNOUNCED APPRAISAL OF THE EMERGENCY RESPONSE FACILITIES (ERFS) WAS CONDUCTED USING DRAFT REVISION 4 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 (EORF); BACKUP EOF AND THE EMERGENCY DATA ACQUISITION SYSTEM AS WELL AS THE INSTRUMENTATION, SUPPLIES AND EQUIPMENT FOR THESE FACILITIES. THE INSPECTION INVOLVED 330 INSPECTOR-HOURS ONSITE BY FIVE NRC INSPECTORS AND FOUR CONTRACTOR TEAM MEMBERS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED. THE INDEPENDENT VERIFICATION OF THE DOSE PROJECTIONS USING THE HEALTH PHYSICS COMPUTER SYSTEM HAS BEEN IDENTIFIED AS AN OPEN ITEM.

+ INSPECTION ON MAY 14-18, MAY 31, JUNE 3-5, 1984 (REPORT NO. 50-361/84-12) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION OF THE STARTUP TEST PROGRAM INCLUDING: RADWASTE SYSTEMS; RCS CHEMISTRY CONTROL; PROCESS AND EFFLUENT MONITORING SYSTEMS; AND REVIEW OF THE BIOSHIELD EFFECTIVENESS SURVEY. REACTIVE ONSITE FOLLOWUP OF UNPLANNED RADIOACTIVE GAS RELEASE THAT OCCURRED ON JUNE 2, 1984 WAS ALSO PERFORMED. THE INSPECTION INVOLVED 59 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 29 - JUNE 7, 1984 (50-361/84-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

****
* SAN ONOFRE 2 *
****

INSPECTION SUMMARY

+ INSPECTION ON APRIL 30 - JUNE 10, 1984 (REPORT NO. 50-361/84-16) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 14, 1984 (REPORT NO. 50-361/84-17) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 12 - JULY 24, 1984 (REPORT NO. 50-361/84-18) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 5-8, 1984 (REPORT NO. 50-361/84-19) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 18-22, 1984 (REPORT NO. 50-361/84-20) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 26-29, 1984 (REPORT NO. 50-361/84-21) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ EXAMINATION ON APRIL 24 - MAY 31, 1984 (REPORT NO. 50-361/OL-84-02) A WRITTEN AND OPERATING (INCLUDING SIMULATOR) EXAMINATION WAS ADMINISTERED TO 12 RO CANDIDATES, 11 SRO CANDIDATES AND FOUR NUCLEAR PLANT INSTRUCTORS. EIGHT RO, SEVEN SRO AND TWO INSTRUCTOR CANDIDATES PASSED ALL SECTIONS OF THE EXAMINATION: ONE INSTRUCTOR CANDIDATE RETOOK THE ORAL EXAMINATION AND PASSED. ONE SRO CANDIDATE RETOOK THE SIMULATOR EXAMINATION AND PASSED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

LOW POWER FACILITY OPERATING LICENSE WAS ISSUED FEBRUARY 16, 1982. THE FULL POWER FACILITY OPERATING LICENSE WAS ISSUED SEPTEMBER 7, 1982, AS AMENDEMENT 7 TO THE LOW POWER LICENSE. THE PLANT COMMENCED COMMERCIAL OPERATION ON AUGUST 7, 1983.

PLANT STATUS:

STEADY OPERATION AT FULL POWER; PROBLEMS BEING EXPERIENCED WITH SEALS ON ONE REACTOR COOLANT PUMP.

LAST IE SITE INSPECTION DATE: 06/12-07/24/84+

INSPECTION REPORT NO: 50-361/84-18+

Report Period JUN 1984

REPORTS FROM LICENSEE

****
* SAN ONOFRE 2 *
****

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: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: L. I. MAYWEATHER (714) 492-7700 X56223

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:

MDC NET & DER REFLECT AUXILIARY STATION LOADS.

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

11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	2,183.0	2,183.0
13. Hours Reactor Critical	235.3	1,495.0	1,495.0
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	231.4	1,304.6	1,304.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	755,354	4,097,605	4,097,605
18. Gross Elec Ener (MWH)	256,811	1,369,086	1,369,086
19. Net Elec Ener (MWH)	237,238	1,280,305	1,280,305
20. Unit Service Factor	32.1	59.8	59.8
21. Unit Avail Factor	32.1	59.8	59.8
22. Unit Cap Factor (MDC Net)	30.5	54.3	54.3
23. Unit Cap Factor (DER Net)	30.5	54.3	54.3
24. Unit Forced Outage Rate	6.7	1.3	1.3
25. Forced Outage Hours	16.7	16.7	16.7

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

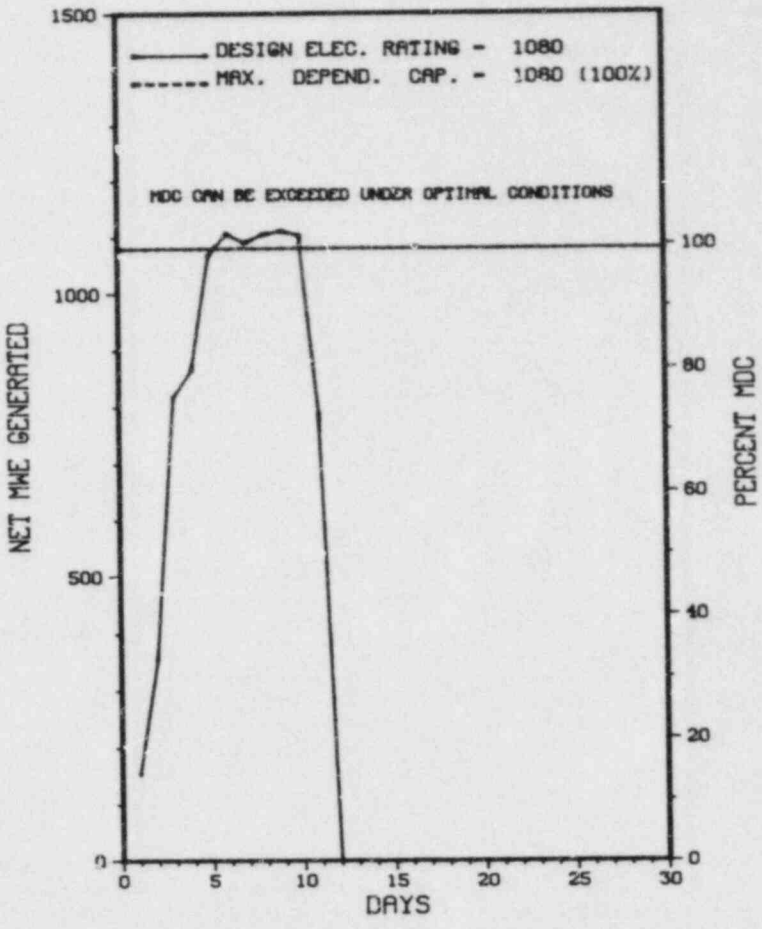
NONE

27. If Currently Shutdown Estimated Startup Date: 08/01/84

****
* SAN ONOFRE 3 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SAN ONOFRE 3



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SAN ONOFRE 3 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	06/01/84	F	16.7	A	3	84-022	TT	V	REACTOR TRIP FROM LOSS OF LOAD DUE TO A FAILURE IN THE TURBINE CONTROL SYSTEM. COMPUTING CHANNEL FAILURE WAS SUSPECTED. POWER SUPPLY WAS REPLACED AND LOOSE CIRCUIT CARDS RESEATED.
	06/01/84	S	10.2	B	3				UNIT REMAINED SHUTDOWN FOR SCHEDULED MAINTENANCE TO CORRECT EXCESSIVE INLEAKAGE FROM RCS LOOP DRAIN ISOLATION VALVES.
5	06/11/84	S	461.7	A	3	84-024	JC	CPU	REACTOR TRIP DUE TO ERRONEOUS PENALTY FACTORS GENERATED BY CONTROL ELEMENT ASSEMBLY CALCULATOR (CEAC #1). ALL FIVE BOARDS WERE REPLACED. THE UNIT REMAINED SHUT DOWN FOR SCHEDULED REPLACEMENT OF REACTOR COOLANT PUMP SEALS.

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* SUMMARY *
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SAN ONOFRE 3 EXPERIENCED 3 SHUTDOWNS IN JUNE 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 & License Examination	5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
		9-Other	

****
* SAN ONOFRE 3 *
****

FACILITY DATA

Report Period JUN 1984

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.....A. CHAFFEE

LICENSING PROJ MANAGER.....H. ROOD
DOCKET NUMBER.....50-362

LICENSE & DATE ISSUANCE....., NOVEMBER 15, 1982

PUBLIC DOCUMENT ROOM.....SAN CLEMENTE LIBRARY
242 AVENIDA DEL MAR
SAN CLEMENTE, CALIFORNIA

INSPECTION STATUS

INSPECTION SUMMARY

+ INSPECTION ON MARCH 26-30, 1984 (REPORT NO. 50-362/84-07) AREAS INSPECTED: AN ANNOUNCED APPRAISAL OF THE EMERGENCY RESPONSE FACILITIES (ERFS) WAS CONDUCTED USING DRAFT REVISION 4 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); BACKUP EOF AND THE EMERGENCY DATA ACQUISITION SYSTEM AS WELL AS THE INSTRUMENTATION, SUPPLIES AND EQUIPMENT FOR THESE FACILITIES. THE INSPECTION INVOLVED 330 INSPECTOR-HOURS ONSITE BY FIVE NRC INSPECTORS AND FOUR CONTRACTOR TEAM MEMBERS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED. THE INDEPENDENT VERIFICATION OF THE DOSE PROJECTIONS USING THE HEALTH PHYSICS COMPUTER SYSTEM HAS BEEN IDENTIFIED AS AN OPEN ITEM.

+ INSPECTION ON MAY 14-18, MAY 31, JUNE 3-5, 1984 (REPORT NO. 50-362/84-12) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION OF THE UNIT 3 STARTUP TEST PROGRAM INCLUDING: RADWASTE SYSTEMS; RCS CHEMISTRY CONTROL; PROCESS AND EFFLUENT MONITORING SYSTEMS; AND REVIEW OF THE UNIT 3 BIOSHIELD EFFECTIVENESS SURVEY. REACTIVE ONSITE FOLLOWUP OF UNPLANNED RADIOACTIVE GAS RELEASE THAT OCCURRED ON JUNE 2, 1984WAS ALSO PERFORMED. THE INSPECTION INVOLVED 39 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 29 - JUNE 7, 1984 (REPORT NO. 50-362/84-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

****
* SAN ONOFRE 3 *
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INSPECTION SUMMARY

+ ENFORCEMENT CONFERENCE ON MAY 9, 1984 (REPORT NO. 84-16) THE FOLLOWING MATTERS WERE DISCUSSED: 1. LICENSEE'S ENFORCEMENT HISTORY AND VIOLATIONS ASSOCIATED WITH THE MARCH 17-29, 1984 INSPECTION. 2. OTHER MATTERS OF CONCERN TO NRC. THE ENFORCEMENT CONFERENCE INVOLVED 10 HOURS BY FIVE NRC REPRESENTATIVES.

+ INSPECTION ON APRIL 30 - JUNE 10, 1984 (REPORT NO. 50-362/84-17) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 12 - JULY 24, 1984 (REPORT NO. 50-362/84-18) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 5-8, 1984 (REPORT NO. 50-362/84-19) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 18-22, 1984 (REPORT NO. 50-362/84-20) REPORT BEING PREPARED: TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 26-29, 1984 (REPORT NO. 50-362/84-21) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

ABNORMALLY HIGH RADIATION LEVELS OBSERVED IN REACTOR COOLANT SYSTEM.

FACILITY ITEMS (PLANS AND PROCEDURES):

SEVEN WEEK OUTAGE FOR REPLACEMENT OF REACTOR COOLANT PUMP SEALS AND SURVEILLANCE TESTING.

MANAGERIAL ITEMS:

LOW POWER FACILITY OPERATING LICENSE WAS ISSUED NOVEMBER 15, 1982. THE FULL POWER LICENSE WAS ISSUED SEPTEMBER 16, 1983.

PLANT STATUS:

INITIAL CRITICALITY WAS AUGUST 29, 1983. POWER ASCENSION TESTING WAS COMPLETED ON JANUARY 6, 1984. THE UNIT WILL NOW BE SHUT DOWN FOR ABOUT SEVEN WEEKS FOR REPLACEMENT OF REACTOR COOLANT PUMP SEALS AND SURVEILLANCE TESTING.

ABNORMALLY HIGH LEVELS OF RADIOACTIVITY HAVE BEEN OBSERVED, AND THE CAUSE AND NECESSARY CORRECTIVE ACTIONS ARE BEING EVALUATED.

LAST IE SITE INSPECTION DATE: 06/12-07/24/84+

INSPECTION REPORT NO: 50-362/84-18+

REPORTS FROM LICENSEE

SAN ONOFRE 3

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE			

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1. Docket: 50-327 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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	720.0	4,367.0	26,304.0
13. Hours Reactor Critical	571.2	1,932.1	16,373.5
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	523.3	1,777.8	15,890.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,621,013	5,101,462	50,593,262
18. Gross Elec Ener (MWH)	528,320	1,668,240	17,049,376
19. Net Elec Ener (MWH)	506,344	1,588,525	16,365,453
20. Unit Service Factor	72.7	40.7	60.4
21. Unit Avail Factor	72.7	40.7	60.4
22. Unit Cap Factor (MDC Net)	61.3	31.7	54.2
23. Unit Cap Factor (DER Net)	61.3	31.7	54.2
24. Unit Forced Outage Rate	27.3	40.8	22.5
25. Forced Outage Hours	196.7	1227.7	4,608.4

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

NONE

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

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* SEQUOYAH 1 *
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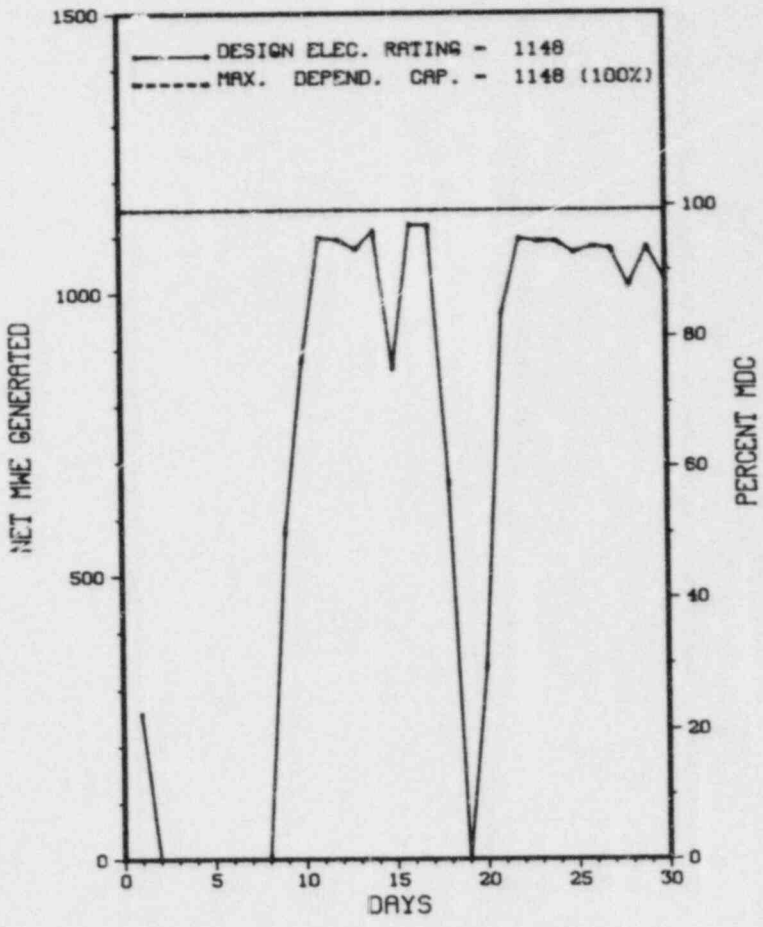
AVERAGE DAILY POWER LEVEL (MWe) PLOT

SEQUOYAH 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

SEQUOYAH 1

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
11	06/02/84	F	158.2	A	2				NUMBER 11 GENERATOR BEARING ARCING TO SHAFT.
12	06/18/84	F	38.5	A	3				TURBINE FIRST OUT ELECTRICAL TROUBLE.

SUMMARY

SEQUOYAH 1 INCURRED 2 SHUTDOWNS IN JUNE FOR GENERATOR AND TURBINE PROBLEMS.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SEQUOYAH 1 *
****

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

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. STAHLE
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

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

INSPECTION SUMMARY

+ INSPECTION APRIL 6 - MAY 5 (84-11): THIS ROUTINE INSPECTION INVOLVED 90 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONAL SAFETY VERIFICATION, PLANT OPERATIONS FOLLOWING REFUELING, UNIT 1 POST MODIFICATION AND SURVEILLANCE TESTING, MAINTENANCE, INDEPENDENT INSPECTION EFFORT, PORV MISWIRING FOLLOWUP, AND THIMBLE GUIDE TUBE EJECTION FOLLOWUP. OF THE SEVEN AREAS INSPECTED, NO VIOLATIONS WERE IDENTIFIED IN FIVE AREAS; FIVE APPARENT VIOLATIONS WERE FOUND IN TWO AREAS (CHANGING MODES WITH TECHNICAL SPECIFICATION INSTRUMENTATION OUT OF COMMISSION, PARAGRAPH 6; FAILURE TO CONTROL MODIFICATIONS, PARAGRAPH 10; FAILURE TO RETRIEVE QA RECORDS, PARAGRAPH 10; INADEQUATE TESTING OF MODIFICATIONS, PARAGRAPH 10; AND FAILURE TO USE APPROPRIATE DRAWINGS DURING MAINTENANCE, PARAGRAPH 10).

INSPECTION MAY 6 - JUNE 5 (84-13): THIS ROUTINE INSPECTION INVOLVED 72 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONAL SAFETY VERIFICATION, ESF SYSTEM OPERABILITY, IE BULLETIN CLOSEOUT, MAINTENANCE INSTRUCTION REVIEW AND INDEPENDENT INSPECTION EFFORT. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-14): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF ALARA, EXTERNAL EXPOSURES, AND THE POST ACCIDENT SAMPLING SYSTEM. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 3.0.4 REQUIRES THAT ENTRY INTO AN OPERATIONAL MODE OR OTHER SPECIFIED CONDITION SHALL NOT BE MADE UNLESS THE CONDITIONS FOR THE LIMITING CONDITION FOR OPERATION (LCO) ARE MET WITHOUT RELIANCE ON PROVISIONS CONTAINED IN THE ACTION REQUIREMENTS. CONTRARY TO THE ABOVE, ENTRY INTO AN OPERATIONAL MODE WAS MADE ON TWO DIFFERENT OCCASIONS WHEN THE LCOS WERE NOT MET WITHOUT RELIANCE ON PROVISIONS CONTAINED IN THE ACTION REQUIREMENTS. ON APRIL 13, 1984, UNIT 1 ENTERED MODE 3 WITH INSTRUMENT 1-LT-3-38 INOPERABLE. LCO 3.3.2.1 WAS NOT MET FOR STEAM GENERATOR LEVEL CHANNELS. ON APRIL 15, 1984, UNIT 1 ENTERED MODE 2 WITH INSTRUMENT 1-LT-68-320 INOPERABLE. LCO 3.3.3.7 WAS NOT MET FOR PRESSURIZER LEVEL CHANNELS. THE LICENSEE IMMEDIATELY COMPLIED WITH THE APPLICABLE ACTION REQUIREMENTS UNTIL THE INSTRUMENTS WERE RETURNEDTO SERVICE.

10 CFR 50, APPENDIX B, CRITERION XVII "QUALITY ASSURANCE RECORDS" AS IMPLEMENTED BY THE LICENSEE'S APPROVED QA PROGRAM (TOPICAL REPORT TVA-TR75-1) SECTION 17.2.17 REQUIRES THAT RECORDS OF MODIFICATIONS AND TESTS BE COMPILED, STORED AND RETRIEVABLE. CONTRARY TO THE ABOVE, THE LICENSEE FAILED TO RETRIEVE RECORDS SHOWING EVIDENCE OF MODIFICATION (REQUIRED BY NCR MEB 79-10 "CONTROL LOOP BISTABLES FAIL TO UNDESIRABLE POSITION ON LOSS OF POWER" AND IMPLEMENTED BY MODIFICATION ECN 22-78) OR POST-MODIFICATION TESTING ON A UNIT 2 PORV CONTROL CIRCUIT (PS 68-336) WHICH AFFECTS PCV 68-340). 10 CFR 50, APPENDIX B, CRITERION V AS IMPLEMENTED BY THE LICENSEES APPROVED QA PROGRAM (TOPICAL REPORT TVA-TR75-1) SECTION 17.2.5 "INSTRUCTIONS, PROCEDURES AND DRAWINGS" REQUIRES THAT ACTIVITIES AFFECTING QUALITY BE ACCOMPLISHED IN ACCORDANCE WITH DOCUMENTED DRAWINGS OF A TYPE APPROPRIATE TO THE CIRCUMSTANCES. DRAWINGS 45N668-1 AND D8059895B ARE TWO DRAWINGS SHOWING THE WIRING OF THE POWER OPERATED RELIEF VALVE (PORV) BISTABLE PRESSURE SWITCHES ASSOCIATED WITH THE AUXILIARY CONTROL LOOPS. CONTRARY TO THE ABOVE, ON MARCH 31, 1984 ACTIVITIES AFFECTING QUALITY WERE NOT ACCOMPLISHED IN ACCORDANCE WITH APPROPRIATE DOCUMENTED DRAWINGS IN THAT MAINTENANCE ON THE AUXILIARY CONTROL LOOP PORV BISTABLE PRESSURE SWITCHES WAS PERFORMED USING ONLY DRAWING 45N668-1, RESULTING IN MISWIRING CORRECTLY WIRED PRESSURE SWITCHES. 10 CFR 50, APPENDIX B, CRITERION III AS IMPLEMENTED BY THE LICENSEE'S APPROVED QA PROGRAM (TOPICAL REPORT TVA-TR75-1) SECTION 17.2.3 "MODIFICATION CONTROL," REQUIRES THAT MODIFICATIONS TO CRITICAL STRUCTURES, SYSTEMS, AND COMPONENTS (CSSC) SHALL BE CONTROLLED TO ASSURE THAT "AS-BUILT" QUALITY IS NOT DEGRADED. CONTRARY TO THE ABOVE, MODIFICATIONS TO CSSC WERE NOT CONTROLLED IN THAT ECN 22-78, IMPLEMENTING ENGINEERING DESIGN NON-CONFORMING REPORT, NCR MEB 79-10, WHICH ADDRESSED THE NEED TO REWIRE PRESSURIZER PORV CONTROL CIRCUITRY AND COMMITTED TO DO SO PRIOR TO UNIT FUEL LOADING, DID NOT GET IMPLEMENTED ON A UNIT 2 PORV CONTROL CIRCUIT (PS 68-337 WHICH EFFECTS PCV 68-334) UNTIL APRIL 1984. 10 CFR 50, APPENDIX B, CRITERION XI AS IMPLEMENTED BY THE LICENSEE'S APPROVED QA PROGRAM (TOPICAL REPORT TVA-TR75-1) SECTION 17.2.11 "TEST CONTROL" REQUIRES THAT TESTING BE PERFORMED TO DEMONSTRATE THAT CRITICAL STRUCTURES, SYSTEMS, AND COMPONENTS (CSSC) WILL PERFORM SATISFACTORILY IN SERVICE AND THAT MODIFICATIONS BE TESTED IN ACCORDANCE WITH THE ORIGINAL DESIGN AND TESTING REQUIREMENTS OR ACCEPTABLE ALTERNATIVES. CONTRARY TO THE ABOVE, A CSSC MODIFICATION WAS NOT TESTED FOR SATISFACTORY PERFORMANCE IN THAT AN ENGINEERING DESIGN MODIFICATION (ECN 22-78) ON THE PRESSURIZER POWER OPERATED RELIEF VALVE (PORV) CONTROL CIRCUIT WAS NOT REQUIRED TO BE TESTED FOR THE FAIL-SAFE PORTION OF THE MODIFICATION BY THE PREOPERATIONAL TEST PROCEDURE W-1.2A, REACTOR COOLANT SYSTEM FUNCTIONAL TEST.
(8411 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

OTHER ITEMS

100%

LAST IE SITE INSPECTION DATE: MAY 6 - JUNE 5, 1984 +

INSPECTION REPORT NO: 50-327/84-13 +

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
84-029/ - -	05/07/84	05/30/84	A HIGH RAD ALARM WAS ACTUATED WHICH CAUSED AN AUX BUILDING ISOLATION TO OCCUR, THE RADIATION LEVEL IS SO CLOSE TO THE SETPOINT, NORMAL FLUCTUATIONS OF THE DETECTOR TRIPPED THE ALARM.
84-030/ - -	04/19/84	05/18/84	THIMBLE TUBE EJECTION, A HIGH PRESSURE CONNECTION ON THE THIMBLE TUBE AT THE SEAL TABLE FAILED.
84-031/ - -	05/05/84	06/01/84	UNIT 1 INITIATED A PLANT SHUTDOWN REQUIRED BY TECH. SPEC. DUE TO AN INOPERABLE PRESSURIZER SAFETY RELIEF VALVE, REACTOR TRIP OCCURRED ON LOW-LOW STEAM GEN. LEVEL IN THE NUMBER 1 STEAM GENERATOR.
84-032/ - -	05/10/84	06/01/84	REACTOR TRIP OCCURRED ON LOW FEEDWATER FLOW COINCIDENT WITH LOW STEAM GENERATOR LEVEL, INVESTIGATION REVEALED A LEAKING AIR LINE SUPPLYING THE #7 HEATER DRAIN TANK LEVEL CONTROL VALVE.
84-033/ - -	05/11/84	06/05/84	UNIT 1 EXPERIENCED AN AUTOMATIC REACTOR TRIP ON LOW-LOW LEVEL IN THE NO. 2 STEAM GENERATOR FOLLOWING A TURBINE TRIP.
84-034/ - -	05/09/84	06/08/84	THE OPERATOR OBSERVED NO FLOW INDICATION ON 1-FI-67-1 OR A DECREASE IN 'B' ERCW HEADER PRESSURE AS WOULD BE EXPECTED.

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1. Docket: 50-328 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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): 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	720.0	4,367.0	18,264.0
13. Hours Reactor [illegible]ical	720.0	4,291.4	14,652.5
14. Rx Reserve [illegible] Hrs	.0	.0	.0
15. Hrs Generat[illegible]-Line	701.6	4,254.2	14,408.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,360,139	14,246,094	46,664,161
18. Gross Elec Ener (MWH)	799,740	4,900,650	15,932,590
19. Net Elec Ener (MWH)	772,002	4,723,799	15,341,537
20. Unit Service Factor	97.4	97.4	78.9
21. Unit Avail Factor	97.4	97.4	78.9
22. Unit Cap Factor (MDC Net)	93.4	94.2	73.2
23. Unit Cap Factor (DER Net)	93.4	94.2	73.2
24. Unit Forced Outage Rate	.0	2.2	7.7
25. Forced Outage Hours	.0	94.4	1,196.2

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

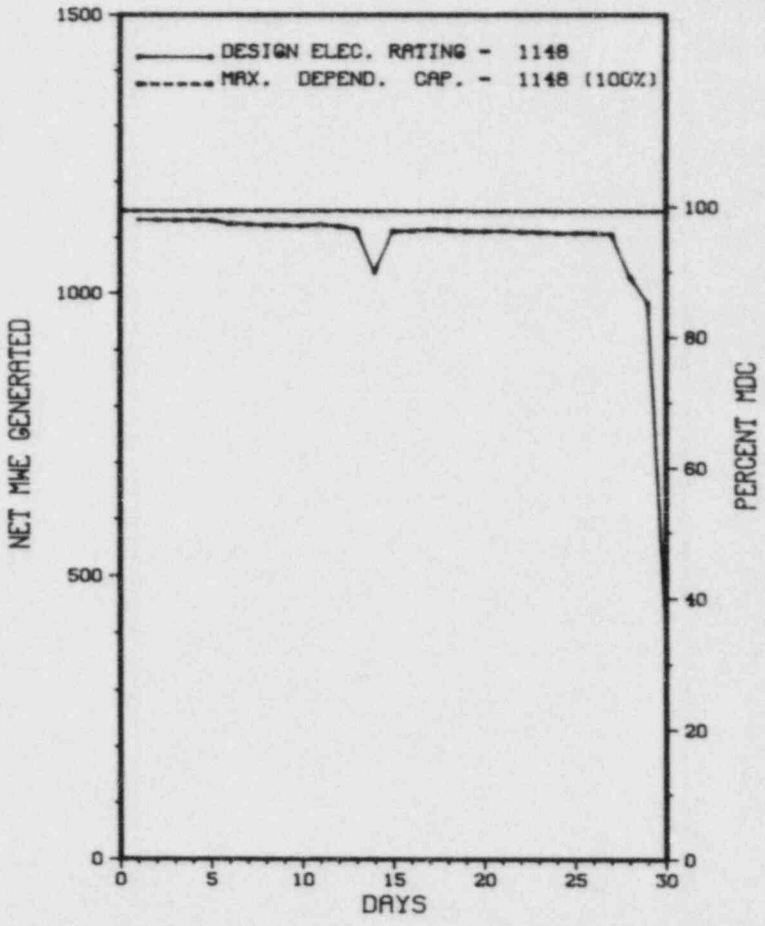
REFUELING/MODIFICATION SEPT 17, 1984; 51 DAYS.

27. If Currently Shutdown Estimated Startup Date: 07/02/84

****
* SEQUOYAH 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SEQUOYAH 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* SEQUOYAH 2 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
4	06/12/84	F	0.0	A	5				TUBE LEAK IN A-4 FEEDWATER HEATER.
5	06/29/84	S	18.4	B	1				MANUALLY SHUTDOWN TO REPAIR FEEDWATER DRAIN VALVE 3-526.

****
* SUMMARY *
****

SEQUOYAH 2 OPERATED ROUTINELY IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SEQUOYAH 2 *
****

FACILITY DATA

Report Period JUN 1984

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. STAHLE
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 (84-11): THIS ROUTINE INSPECTION INVOLVED 90 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONAL SAFETY VERIFICATION, PLANT OPERATIONS FOLLOWING REFUELING, UNIT 1 POST MODIFICATION AND SURVEILLANCE TESTING, MAINTENANCE, INDEPENDENT INSPECTION EFFORT, PORV MISWIRING FOLLOWUP, AND THIMBLE GUIDE TUBE EJECTION FOLLOWUP. OF THE SEVEN AREAS INSPECTED, NO VIOLATIONS WERE IDENTIFIED IN FIVE AREAS; FIVE APPARENT VIOLATIONS WERE FOUND IN TWO AREAS (CHANGING MODES WITH TECHNICAL SPECIFICATION INSTRUMENTATION OUT OF COMMISSION, PARAGRAPH 6; FAILURE TO CONTROL MODIFICATIONS, PARAGRAPH 10; FAILURE TO RETRIEVE QA RECORDS, PARAGRAPH 10; INADEQUATE TESTING OF MODIFICATIONS, PARAGRAPH 10; AND FAILURE TO USE APPROPRIATE DRAWINGS DURING MAINTENANCE, PARAGRAPH 10).

INSPECTION MAY 6 - JUNE 5 (84-13): THIS ROUTINE INSPECTION INVOLVED 72 INSPECTOR HOURS ON SITE IN THE AREAS OF OPERATIONAL SAFETY VERIFICATION, ESF SYSTEM OPERABILITY, IE BULLETIN CLOSEOUT, MAINTENANCE INSTRUCTION REVIEW AND INDEPENDENT INSPECTION EFFORT. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 21-25 (84-14): THIS ROUTINE, ANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF ALARA, EXTERNAL EXPOSURES, AND THE POST ACCIDENT SAMPLING SYSTEM. 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:

100%

LAST IE SITE INSPECTION DATE: MAY 6 - JUNE 5, 1984 +

INSPECTION REPORT NO: 50-328/84-13 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-007/ - -	05/19/84	06/13/84	THE BUS UNDERVOLTAGE TIMING RELAY FOR REACTOR COOLANT PUMP #2 WAS DISCOVERED FAILED AFTER THE UNDERVOLTAGE ALARM WAS INVESTIGATED, THE BUS WAS NOT ACTUALLY IN AN UNDERVOLTAGE CONDITION.
84-008/ - -	05/19/84	06/15/84	A REACTOR TRIP OCCURRED AT 1157 CST WHEN THE BALANCE OF PLANT REACTOR OPERATOR INTENDED TO STOP THE 2B MAIN FEEDWATER PUMP OIL PUMPS BUT INADVERTENTLY STOPPED 2A MAIN FEEDWATER PUMP.

1. Docket: 50-335 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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): 822
9. If Changes Occur Above Since Last Report, Give Reasons:
   687 INCREASED 5/25/83 BASED ON WATER TEMPS
10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:
    NONE

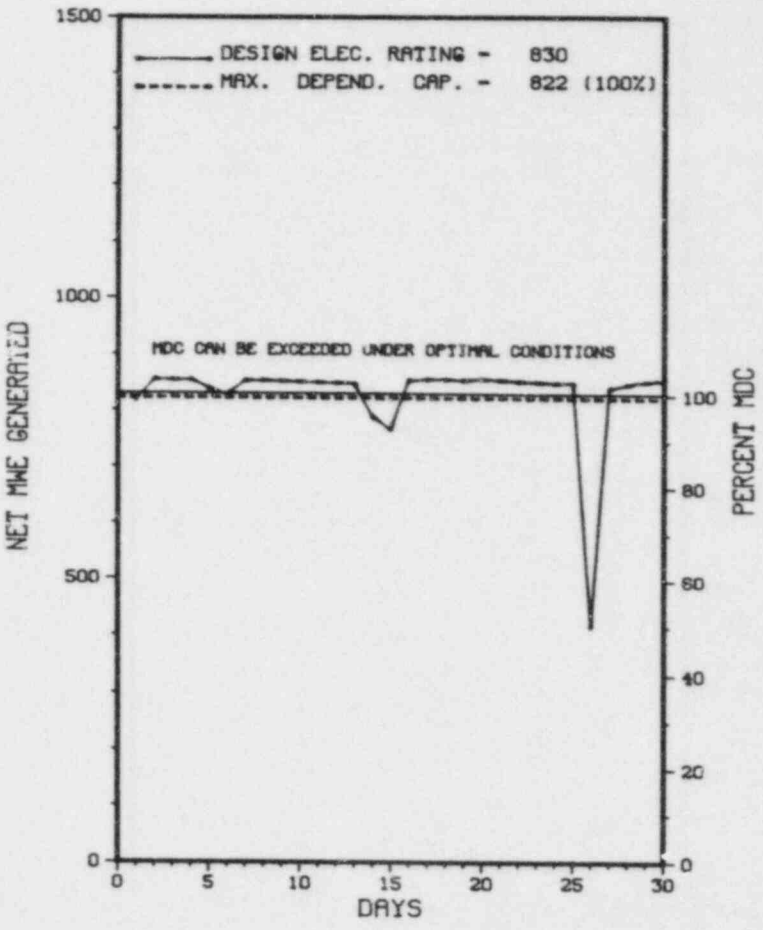
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	65,975.0
13. Hours Reactor Critical	713.8	1,193.6	45,659.9
14. Rx Reserve Shtdwn Hrs	.0	.0	205.3
15. Hrs Generator On-Line	710.5	1,079.0	44,655.9
16. Unit Reserve Shtdwn Hrs	.0	.0	39.3
17. Gross Therm Ener (MWH)	1,884,155	2,682,164	111,350,102
18. Gross Elec Ener (MWH)	629,650	899,470	36,264,345
19. Net Elec Ener (MWH)	597,840	823,566	34,153,266
20. Unit Service Factor	98.7	24.7	67.7
21. Unit Avail Factor	98.7	24.7	67.7
22. Unit Cap Factor (MDC Net)	101.0	22.9	63.0
23. Unit Cap Factor (DER Net)	100.0	22.7	62.4
24. Unit Forced Outage Rate	1.3	.9	4.5
25. Forced Outage Hours	9.5	9.5	2,114.2

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 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* ST LUCIE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
05	06/26/84	F	9.5	A	3		HB	VALVEX	REACTOR TRIP AS A RESULT OF THE CLOSURE OF A MAIN STEAM ISOLATION VALVE. THE VALVE WAS REPAIRED AND THE UNIT RETURNED TO POWER OPERATION.

****
* SUMMARY *
****

ST. LUCIE 1 OPERATED ROUTINELY IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* ST LUCIE 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....C. FEIERABEND

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 APRIL 23-27 (84-12): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 32 INSPECTOR HOURS ON SITE IN THE AREAS OF PROCUREMENT; RECEIPT, STORAGE, AND HANDLING OF EQUIPMENT AND MATERIALS; SURVEILLANCE TESTING AND CALIBRATION CONTROL; INDEPENDENT INSPECTION EFFORT; AND LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED INSPECTION FINDINGS. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN FOUR AREAS; TWO APPARENT VIOLATIONS WERE FOUND IN ONE AREA (FAILURE TO INCLUDE GAGES IN CALIBRATION PROGRAM, PARAGRAPH 7.A; FAILURE TO AUDIT TO NECESSARY DEPTH, PARAGRAPH 7.B).

INSPECTION APRIL 11 - MAY 11 (84-13): THIS ROUTINE RESIDENT INSPECTION INVOLVED 83 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF PLANT OPERATION, SURVEILLANCE OBSERVATION, MAINTENANCE OBSERVATION, ENGINEERED SAFETY SYSTEMS, HEADQUARTERS REQUESTS AND INSPECTION AND ENFORCEMENT CIRCULARS (IEC). NO ITEMS OF NON-COMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-15, 17-19 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 13 INSPECTOR HOURS ON SITE IN THE AREAS OF NUCLEAR OPERATORS (NO) PROCEDURE STORAGE, OPERATOR TRAINING - REACTOR STARTUPS, AND POWER ASCENSION TESTING. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-18 (84-18): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF INTERNAL EXPOSURE CONTROLS, EXTERNAL EXPOSURE CONTROLS, SOLID RADWASTE, TRANSPORTATION, CONTAMINATION HIGH-RANGE RADIATION MONITORS AND ACTION ON PREVIOUS INSPECTOR IDENTIFIED ITEMS. VIOLATION-FAILURE TO CERTIFY PROPER VENDOR CALIBRATION OF CONTAINMENT HIGH-RANGE RADIATION MONITORS AS REQUIRED BY TECHNICAL SPECIFICATIONS PRIOR TO INITIAL USE (UNIT 2).

****
* ST LUCIE 1 *
****

INSPECTION SUMMARY

INSPECTION MAY 14-18 (84-19): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF RADIOACTIVE WASTE MANAGEMENT, RADIOACTIVE EFFLUENT TREATMENT, PROCESS AND EFFLUENT RADIOLOGICAL INSTRUMENTATION AND CHEMISTRY. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-7 (84-20): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13 INSPECTOR HOURS ON SITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS (UNITS 1 AND 2); INSERVICE INSPECTION (UNIT 1); LICENSEE IDENTIFIED (50.55(E) AND LER) ITEMS (UNITS 1 AND 2); IE BULLETINS (UNITS 1 AND 2); AND INSPECTION FOLLOWUP ITEMS (UNITS 1 AND 2). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

CONTRARY TO 10CFR50, APPENDIX B, CRITERION XII AND THE LICENSEE ACCEPTED QA PROGRAM (FPL-NQA-100A), TQR 12.0 THE FOLLOWING GAGES HAVE NOT BEEN CONTROLLED AND CALIBRATED; UNIT 2 COMPONENT COOLING WATER PUMP SUCTION GAGES, AND UNIT 1 AND UNIT 2 CHANGING PUMP SUCTION GAGES. CONTRARY TO 10CFR50, APPENDIX B, CRITERION XVIII, THE LICENSEE ACCEPTED QA PROGRAM (FPL-NQA-100A) TQR 18.0 AND REGULATORY GUIDE 1.144 WHICH ENDORSES ANSI N45.2.12, AUDIT QAO-PSC-83-288 WAS NOT PERFORMED TO THE DEPTH NECESSARY TO DETERMINE IF SURVEILLANCE AND CALIBRATION ACTIVITIES WERE BEING ADEQUATELY IMPLEMENTED.
(8412 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

DURING REFUELING OUTAGE, THE THERMAL SHIELD WITHIN THE REACTOR VESSEL WAS FOUND TO BE BROKEN. THE SHIELD IS BEING REMOVED.

FACILITY ITEMS (PLANS AND PROCEDURES):

EXTENDED OUTAGE, RESTART PLANNED IN EARLY 1984.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

REFUELING.

LAST IE SITE INSPECTION DATE: JUNE 4-7, 1984 +

INSPECTION REPORT NO: 50-335/84-20 +

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-002/ - -	05/04/84	06/03/84	STEAM GENERATOR EDDY CURRENT TESTING SUBSEQUENT TO THE COMPLETION OF THE INSPECTION, FPL DECIDED TO CONDUCT A COMPLETE OVERVIEW OF THE INSPECTION RESULTS.
84-003/ - -	05/14/84	06/14/84	AN OPERATIONS TRAINEE PERSON IMPROPERLY PARALLELED THE 1B MOTOR GENERATOR SET THE OUT-OF-PHASE PARALLELING OF THE SET CAUSED AN OVERCURRENT CONDITION IN THE 1A MG-SET.

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1. Docket: 50-389 OPERATING STATUS
2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0
3. Utility Contact: N. W. GRANT (305) 552-3675
4. Licensed Thermal Power (MWt): 2560
5. Nameplate Rating (Gross MWe): 0850
6. Design Electrical Rating (Net MWe): 804
7. Maximum Dependable Capacity (Gross MWe): 832
8. Maximum Dependable Capacity (Net MWe): 786
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

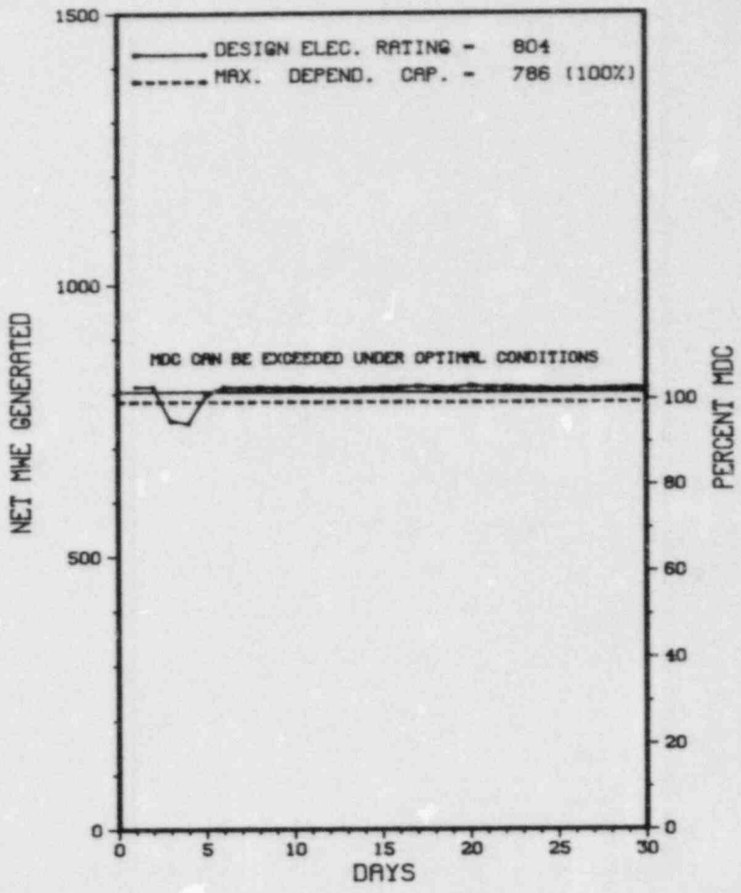
	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	7,872.0
13. Hours Reactor Critical	720.0	4,348.4	7,575.4
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	720.0	4,212.6	7,343.0
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,834,630	10,664,431	18,322,375
18. Gross Elec Ener (MWH)	612,980	3,574,640	6,117,880
19. Net Elec Ener (MWH)	580,648	3,381,654	5,779,240
20. Unit Service Factor	100.0	96.5	93.3
21. Unit Avail Factor	100.0	96.5	93.3
22. Unit Cap Factor (MDC Net)	102.6	98.5	93.4
23. Unit Cap Factor (DER Net)	100.3	96.3	91.3
24. Unit Forced Outage Rate	.0	2.9	6.4
25. Forced Outage Hours	.0	124.3	498.9

26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
REFUELING, 10/84, 2 MONTHS.
27. If Currently Shutdown Estimated Startup Date: N/A

****
* ST LUCIE 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ST LUCIE 2



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* ST LUCIE 2 *
****

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

****
* SUMMARY *
****

ST. LUCIE 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS OR SIGNIFICANT 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* ST LUCIE 2 *
****

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

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.....C. FEIERABEND

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

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

INSPECTION SUMMARY

+ INSPECTION APRIL 23-27 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 32 INSPECTOR HOURS ON SITE IN THE AREAS OF PROCUREMENT; RECEIPT, STORAGE, AND HANDLING OF EQUIPMENT AND MATERIALS; SURVEILLANCE TESTING AND CALIBRATION CONTROL; INDEPENDENT INSPECTION EFFORT; AND LICENSEE ACTIONS ON PREVIOUSLY IDENTIFIED INSPECTION FINDINGS. OF THE FIVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN FOUR AREAS; TWO APPARENT VIOLATIONS WERE FOUND IN ONE AREA (FAILURE TO INCLUDE GAGES IN CALIBRATION PROGRAM, PARAGRAPH 7.A; FAILURE TO AUDIT TO NECESSARY DEPTH, PARAGRAPH 7.B).

INSPECTION APRIL 11 - MAY 11 (84-15): THIS ROUTINE RESIDENT INSPECTION INVOLVED 82 RESIDENT INSPECTOR HOURS ON SITE IN THE AREAS OF PLANT OPERATION, SURVEILLANCE OBSERVATION, MAINTENANCE OBSERVATION, ENGINEERED SAFETY SYSTEMS, HEADQUARTERS REQUESTS AND INSPECTION AND ENFORCEMENT CIRCULARS (IEC). NO ITEMS OF NON-COMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-15, 17-19 (84-18): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 12 INSPECTOR HOURS ON SITE IN THE AREAS OF NUCLEAR OPERATORS (NO) PROCEDURE STORAGE, OPERATOR TRAINING - REACTOR STARTUPS, AND POWER ASCENSION TESTING. OF THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 14-18 (84-19): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF INTERNAL EXPOSURE CONTROLS, EXTERNAL EXPOSURE CONTROLS, SOLID RADWASTE, TRANSPORTATION, CONTAMINATION HIGH-RANGE RADIATION MONITORS AND ACTION ON PREVIOUS INSPECTOR IDENTIFIED ITEMS. VIOLATION-FAILURE TO CERTIFY PROPER VENDOR CALIBRATION OF CONTAINMENT HIGH-RANGE RADIATION MONITORS AS REQUIRED BY TECHNICAL SPECIFICATIONS PRIOR TO INITIAL USE (UNIT 2).

****
* ST LUCIE 2 *
****

INSPECTION SUMMARY

INSPECTION MAY 14-18 (84-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF RADIOACTIVE WASTE MANAGEMENT, RADIOACTIVE EFFLUENT TREATMENT, PROCESS AND EFFLUENT RADIOLOGICAL INSTRUMENTATION AND CHEMISTRY. OF THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-7 (84-21): THIS ROUTINE, UNANNOUNCED INSPECTION ENTAILED 13 INSPECTOR HOURS ON SITE IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT MATTERS (UNITS 1 AND 2); INSERVICE INSPECTION (UNIT 1); LICENSEE IDENTIFIED (50.55(E) AND LER) ITEMS (UNITS 1 AND 2); IE BULLETINS (UNITS 1 AND 2); AND INSPECTION FOLLOWUP ITEMS (UNITS 1 AND 2). NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

PERFORMING STARTUP TESTING.

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: JUNE 4-7, 1984 +

INSPECTION REPORT NO: 50-389/84-21 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

1. Docket: 50-395 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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	720.0	4,367.0	4,367.0
13. Hours Reactor Critical	720.0	3,406.3	3,406.3
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	720.0	3,291.0	3,291.0
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,847,339	8,793,584	8,793,584
18. Gross Elec Ener (MWH)	615,810	2,934,713	2,934,713
19. Net Elec Ener (MWH)	590,435	2,803,224	2,803.224
20. Unit Service Factor	100.0	75.4	75.4
21. Unit Avail Factor	100.0	75.4	75.4
22. Unit Cap Factor (MDC Net)	92.7	72.1	72.5
23. Unit Cap Factor (DER Net)	91.1	71.3	71.3
24. Unit Forced Outage Rate	.0	8.1	8.1
25. Forced Outage Hours	.0	291.2	291.2

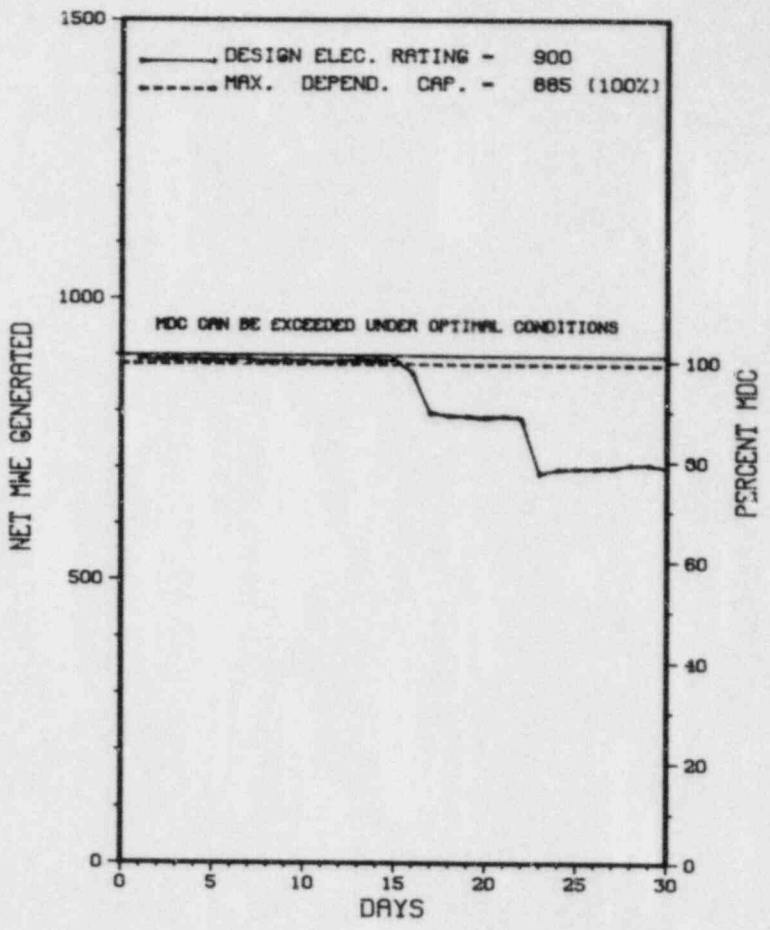
26. Shutdowns Sched Over Next 6 Months (Type,Date,Duration):
REFUELING, SEPTEMBER 1984, 60 DAYS.

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

****
* SUMMER 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SUMMER 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SUMMER 1 *
****

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

****
* SUMMARY *
****

SUMMER 1 OPERATED ROUTINELY IN 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)

****
* SUMMER 1 *
****

FACILITY DATA

Report Period JUN 1984

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 APRIL 1-30 (84-11): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 172 INSPECTOR HOURS ON SITE IN THE AREAS OF PLANT TOUR, PLANT OPERATIONS REVIEW, TECHNICAL SPECIFICATION COMPLIANCE, PHYSICAL PROTECTION, MAINTENANCE AND SURVEILLANCE REVIEW, NON-ROUTINE EVENT REPORTS, BULLETIN RESPONSES, LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS AND REVIEW OF SELECTED SPECIAL REPORTS. VIOLATION - INADEQUATE IMPLEMENTATION OF REQUIRED PROCEDURES, FOUR EXAMPLES.

INSPECTION MAY 1-31 (84-12): THIS ROUTINE, RESIDENT INSPECTION ENTAILED 144 INSPECTOR HOURS ON SITE PLANT TOURS; REVIEW OF INSPECTOR FOLLOWUP ITEMS, VIOLATIONS AND NON-ROUTINE EVENT REPORTS; OPERATIONAL SAFETY VERIFICATION; MONTHLY SURVEILLANCE OBSERVATIONS; MONTHLY MAINTENANCE OBSERVATIONS; FOLLOWUP OF OPERATING REACTOR EVENTS. ONE UNRESOLVED ITEM WAS IDENTIFIED - SLAVE RELAY CONTINUITY TEST. ONE DEVIATION WAS IDENTIFIED - FAILURE TO INCORPORATE AREA RADIATION MONITORS IN A ROUTINE CALIBRATION PROGRAM.

INSPECTION MAY 15-18 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 25 INSPECTOR HOURS ON SITE IN THE AREAS OF REVIEW OF THE SNUBBER SURVEILLANCE PROGRAM AND LICENSEE IDENTIFIED ITEMS. IN THE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 4-7 (84-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 25 INSPECTOR HOURS ON SITE IN THE AREAS OF LIQUID AND GASEOUS RADIOACTIVE WASTE MANAGEMENT. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 11-14 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 24 INSPECTOR HOURS ON SITE IN THE AREAS OF TRAINING,

INSPECTION SUMMARY

ORGANIZATION, EXTERNAL AND INTERNAL EXPOSURES, CONTROL OF RADIOACTIVE MATERIALS, CONTAMINATION, SURVEYS, MONITORING, PRE-PLANNING FOR THE UPCOMING OUTAGE. 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:

NORMAL OPERATION. (THE MAINTENANCE OUTAGE WAS COMPLETED 4/29 WHEN THE REACTOR WAS MADE CRITICAL.)

LAST IE SITE INSPECTION DATE: JUNE 11-14, 1984 +

INSPECTION REPORT NO: 50-395/84-16 +

REPORTS FROM LICENSEE

****
* SUMMER 1 *
****

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-023/ - -	04/17/84	05/17/84	AN INADVERTENT UNDERVOLTAGE SIGNAL OCCURRED ON ENGINEERED SAFETY FEATURES (ESF) BUS 1DA, THE INOPERABLE DIESEL INTERRUPTED FURTHER OPERATION OF THE ESFLS AT THIS POINT.
84-024/ - -	04/22/84	05/22/84	MAIN TURBINE TRIP REACTOR TRIPPED, DUE TO EVENTS ATTRIBUTED TO CONSERVATIVE SWITCH SETTINGS AND LOSS OF SUCTION ON THE MOTOR SUCTION PUMP.
84-025/ - -	04/25/84	05/25/84	REACTOR TRIPPED FROM 100% INDICATED POWER AS A RESULT OF MAIN TURBINE TRIP, DUE TO PERSONNEL ERROR.
84-026/ - -	05/05/84	06/04/84	A MAIN STEAM ISOLATION OCCURRED BECAUSE ON A HIGH STEAM FLOW SIGNAL COINCIDENT WITH A LO-LO REACTOR COOLANT SYSTEM TAVE SIGNAL, THE LICENSEE CONSIDERS THIS TO BE AN ISOLATED INCIDENT.
84-027/ - -	05/05/84	06/05/84	THIS VOLUNTARY RPT IS BEING SUBMITTED WITH RESPECT TO MAINTENANCE ACTIVITIES ASSOCIATED WITH THE FEEDWATER REGULATING VALVES A DESIGN MODIFICATION WAS IMPLEMENTED.

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1. Docket: 50-280 OPERATING STATUS
2. Reporting Period: 06/01/84 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

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	101,015.0
13. Hours Reactor Critical	481.8	3,240.7	62,339.7
14. Rx Reserve Shtdwn Hrs	.0	9.3	3,774.5
15. Hrs Generator On-Line	469.4	3,180.8	61,047.6
16. Unit Reserve Shtdwn Hrs	.0	.0	3,736.2
17. Gross Therm Ener (MWH)	961,379	7,384,017	141,784,630
18. Gross Elec Ener (MWH)	305,830	2,384,555	45,704,398
19. Net Elec Ener (MWH)	287,601	2,262,148	43,339,884
20. Unit Service Factor	65.2	72.8	60.4
21. Unit Avail Factor	65.2	72.8	64.1
22. Unit Cap Factor (MDC Net)	51.5	66.8	55.4
23. Unit Cap Factor (DER Net)	50.7	65.7	54.4
24. Unit Forced Outage Rate	26.9	6.3	20.9
25. Forced Outage Hours	172.5	212.3	12,424.1

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

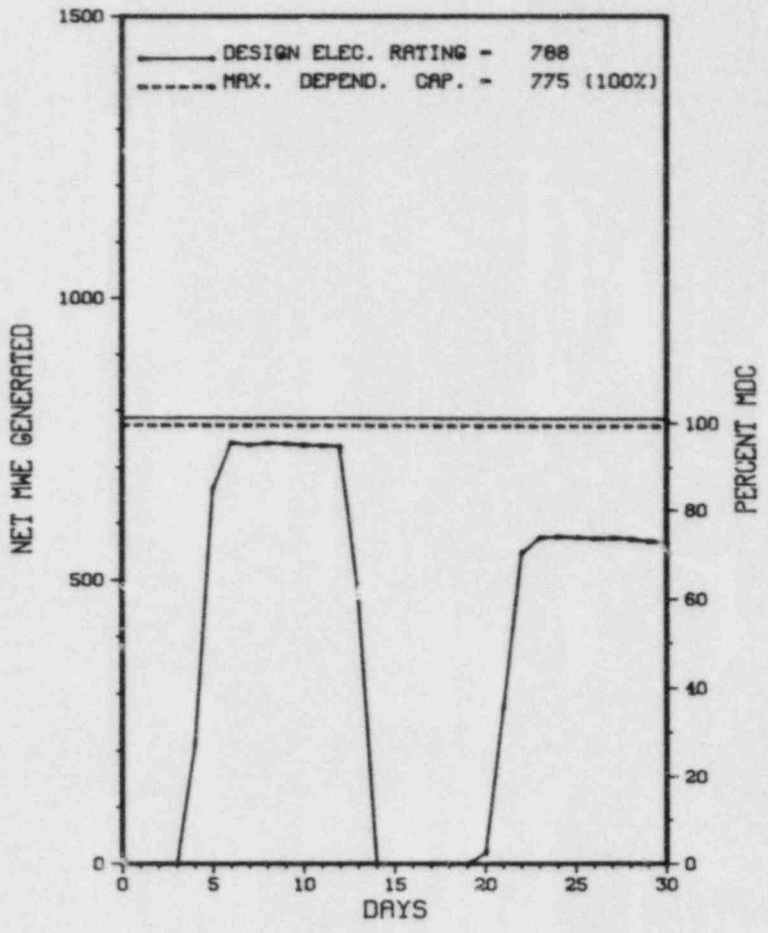
SNUBBER INSPECTION - 08-03-84 - 10 DAYS.

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

****
* SURRY 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SURRY 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SURRY 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-6	05/26/84	S	78.1	B	4				UNIT WAS SHUTDOWN FOR SCHEDULED SNUBBER OUTAGE.
84-7	06/13/84	F	172.5	A	3	84-015-00			REACTOR TRIP CAUSED BY "A" S/G LOW LEVEL DUE TO THE LOSS OF 1-FW-P-1A. 1-FW-P-1A WAS REPAIRED, BUT THE UNIT WAS DELAYED FROM STARTUP DUE TO CONTROL ROD B-6 BEING STUCK AT 60 STEPS. THE UNIT WAS RETURNED TO SERVICE WITH THE CONTROL ROD IN THE STUCK POSITION, LIMITING POWER TO 80% POWER.

****
* SUMMARY *
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SURRY 1 EXPERIENCED 2 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SURRY 1 *
****

FACILITY DATA

Report Period JUN 1984

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 ELECTRIC & 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 1 - MAY 5 (84-15): THIS INSPECTION INVOLVED 88 INSPECTOR HOURS ON SITE IN THE AREAS OF PLANT OPERATIONS AND OPERATING RECORDS, PLANT MAINTENANCE AND SURVEILLANCE, FIRE PROTECTION SYSTEMS, PLANT OPERABILITY AND SURVEILLANCE, SECURITY, FOLLOWUP OF EVENTS AND OPEN ITEMS. IN THE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED; (PROCEDURES FOR TESTING CERTAIN COMPONENTS WERE NOT ADEQUATE - PARAGRAPH 6; FIRE PROTECTION PROGRAM IMPLEMENTING PROCEDURES WERE NOT PROPERLY FOLLOWED - PARAGRAPH 7).

INSPECTION MAY 14-18 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 20 INSPECTOR HOURS ON SITE IN THE AREA OF PLANT CHEMISTRY. OF THE SINGLE AREA INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (84-19): THIS INSPECTION INVOLVED SECURITY ORGANIZATION-PERSONNEL; PHYSICAL BARRIERS-PROTECTED AND VITAL AREAS; ASSESSMENT AIDS; ACCESS CONTROL-PERSONNEL, PACKAGES AND VEHICLES; DETECTION AIDS-PROTECTED AND VITAL AREAS; ALARM STATIONS AND COMMUNICATIONS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE ELEVEN AREAS EXAMINED DURING THE INSPECTION.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.4.A.2 REQUIRES THAT DETAILED WRITTEN PROCEDURES WITH APPROPRIATE CHECK-OFF LISTS AND INSTRUCTIONS SHALL

ENFORCEMENT SUMMARY

BE PROVIDED FOR THE CALIBRATION AND TESTING OF INSTRUMENTS, COMPONENTS, AND SYSTEMS INVOLVING THE NUCLEAR SAFETY OF THE STATION. CONTRARY TO THE ABOVE REQUIREMENT, THE FOLLOWING PERIODIC TEST PROCEDURES AND POST-MAINTENANCE TESTING PROCEDURE EXAMINED DURING THE INSPECTION PERIOD APRIL 1 TO MAY 5, 1984, DID NOT PROVIDE APPROPRIATE CHECK-OFF LISTS AND INSTRUCTIONS FOR TESTING THE SAFETY RELATED INSTRUMENTS AND COMPONENTS DESCRIBED BELOW: (1) THE UNIT 1 AND 2 FIRE PROTECTION SYSTEMS PERIODIC TEST (PT) PROCEDURES DO NOT INSURE THAT THE APPLICABLE SECTIONS OF TECHNICAL SPECIFICATION 3.21, "FIRE DETECTION AND SUPPRESSION SYSTEMS", ARE MET. FOR EXAMPLE, THE FIRE DETECTION INSTRUMENTS (HEAT AND SMOKE DETECTORS) IN TABLE 3.21-1 OF THE TS (REVISED 1/17/84) ARE REQUIRED TO BE FUNCTIONALLY TESTED EVERY SIX MONTHS. HOWEVER, 1-PT-24.3B, PT-24.2A, AND PT-24.2C WHICH TEST THE HEAT DETECTORS IN THE CABLE TRAY ROOM, THE EMERGENCY DIESEL GENERATOR ROOMS (1 AND 3), THE FUEL OIL TANK ROOM, AND THE FUEL OIL TRANSFER PUMP HOUSE, ARE SCHEDULED TO BE PERFORMED DURING REFUELING OUTAGES (EVERY 18 MONTHS). IN ADDITION, THE PERIODIC TESTS DO NOT SPECIFICALLY IDENTIFY (BY ID NUMBER OR LOCATION) THE DETECTORS TO BE TESTED. THE TESTING TECHNIQUES WERE ALSO NOT DEFINED, WHICH RESULTED IN THE TESTING OF CERTAIN SMOKE DETECTORS BY BLOWING INHALED CIGARETTE SMOKE AT THE DETECTORS IN "NO SMOKING" AREAS. A MAJOR REVIEW OF THE PROGRAM AND PROCEDURES FOR FIRE PROTECTION SYSTEMS TESTING IS NECESSARY. (2) ELECTRICAL PREVENTATIVE MAINTENANCE PROCEDURE PC-DB-E/RI, "CLEAN, ADJUST AND SERVICE BREAKER", DESCRIBES THE POST-MAINTENANCE TESTING FOR THE WESTINGHOUSE DB-50 REACTOR TRIP AND BYPASS BREAKERS. HOWEVER, APPROPRIATE INSTRUCTIONS FOR INDEPENDENTLY TESTING THE UNDERVOLTAGE (UV) AND SHUNT TRIP COILS DURING VARIOUS PLANT CONDITIONS WERE NOT PROVIDED IN THE PROCEDURE. FOR EXAMPLE, THE PROCEDURE DID NOT ADDRESS REACTOR TRIP BREAKER SHUNT COIL TESTING DURING SHUTDOWN CONDITIONS WHEN THE RPS AND UV COIL ARE DEENERGIZED, ALTHOUGH THIS IS NORMALLY WHEN THE TESTING OCCURS. CONSEQUENTLY, SIGNIFICANT DEVIATIONS FROM THE PROCEDURE OCCUR WHEN THE TESTING IS PERFORMED. TECHNICAL SPECIFICATION 6.4.J REQUIRES THAT THE FACILITY FIRE PROTECTION PROGRAM AND IMPLEMENTING PROCEDURES ESTABLISHED FOR THE STATION SHALL BE IMPLEMENTED. CONTRARY TO THE ABOVE REQUIREMENT, ADMINISTRATIVE PROCEDURE (ADM)-56, "SPECIAL PROCESSES INVOLVING IGNITION SOURCES", WAS NOT IMPLEMENTED ON APRIL 24, 1984, IN THAT: (1) DAILY INSPECTIONS OF THE AREAS IN THE TURBINE AND SERVICE BUILDING WERE REQUIRED BY THE WELDING AND FLAME PERMITS, BUT WERE NOT DOCUMENTED. (2) SEVERAL COPIES OF THE WELDING AND FLAME PERMITS WERE NOT AVAILABLE IN THE REACTOR CONTROL ROOM AND CERTAIN FLAME PERMITS WERE NOT ATTACHED TO THE MAINTENANCE REQUEST (MR) FOLLOWING COMPLETION OF THE WORK. (3) A FIRE WATCH WAS NOT MAINTAINED FOR AT LEAST ONE HALF HOUR AFTER COMPLETION OF CUTTING OR WELDING OPERATIONS TO DETECT AND EXTINGUISH ANY POTENTIAL SMOLDERING FIRES IN THE THREE AREAS INSPECTED IN ITEM 1 ABOVE. TECHNICAL SPECIFICATION 6.4.A.2 REQUIRES THAT DETAILED WRITTEN PROCEDURES WITH APPROPRIATE CHECK-OFF LISTS AND INSTRUCTIONS SHALL BE PROVIDED FOR THE CALIBRATION AND TESTING OF INSTRUMENTS, COMPONENTS, AND SYSTEMS INVOLVING THE NUCLEAR SAFETY OF THE STATION. CONTRARY TO THE ABOVE REQUIREMENT, THE FOLLOWING PERIODIC TEST PROCEDURES AND POST-MAINTENANCE TESTING PROCEDURE EXAMINED DURING THE INSPECTION PERIOD APRIL 1 TO MAY 5, 1984, DID NOT PROVIDE APPROPRIATE CHECK-OFF LISTS AND INSTRUCTIONS FOR TESTING THE SAFETY RELATED INSTRUMENTS AND COMPONENTS DESCRIBED BELOW: (1) THE UNIT 1 AND 2 FIRE PROTECTION SYSTEMS PERIODIC TEST (PT) PROCEDURES DO NOT INSURE THAT THE APPLICABLE SECTIONS OF TECHNICAL SPECIFICATION 3.21, "FIRE DETECTION AND SUPPRESSION SYSTEMS" ARE MET. FOR EXAMPLE, THE FIRE DETECTION INSTRUMENTS (HEAT AND SMOKE DETECTORS) IN TABLE 3.21-1 OF THE TS (REVISED 1/17/84) ARE REQUIRED TO BE FUNCTIONALLY TESTED EVERY SIX MONTHS. HOWEVER, 1-PT-24.3B, PT-24.2A, AND PT-24.2C WHICH TEST THE HEAT DETECTORS IN THE CABLE TRAY ROOM, THE EMERGENCY DIESEL GENERATOR ROOMS (1 AND 3), THE FUEL OIL TANK ROOM, AND THE FUEL OIL TRANSFER PUMP HOUSE, ARE SCHEDULED TO BE PERFORMED DURING REFUELING OUTAGES (EVERY 18 MONTHS). IN ADDITION, THE PERIODIC TESTS DO NOT SPECIFICALLY IDENTIFY (BY ID NUMBER OR LOCATION) THE DETECTORS TO BE TESTED. THE TESTING TECHNIQUES WERE ALSO NOT DEFINED, WHICH RESULTED IN THE TESTING OF CERTAIN SMOKE DETECTORS BY BLOWING INHALED CIGARETTE SMOKE AT THE DETECTORS IN "NO SMOKING" AREAS. A MAJOR REVIEW OF THE PROGRAM AND PROCEDURES FOR FIRE PROTECTION SYSTEMS TESTING IS NECESSARY. (2) ELECTRICAL PREVENTATIVE MAINTENANCE PROCEDURE PC-DB-E/RI, "CLEAN, ADJUST AND SERVICE BREAKER", DESCRIBES THE POST-MAINTENANCE TESTING FOR THE WESTINGHOUSE DB-50 REACTOR TRIP AND BYPASS BREAKERS. HOWEVER, APPROPRIATE INSTRUCTIONS FOR INDEPENDENTLY TESTING THE UNDERVOLTAGE (UV) AND SHUNT TRIP COILS DURING VARIOUS PLANT CONDITIONS WERE NOT PROVIDED IN THE PROCEDURE. FOR EXAMPLE, THE PROCEDURE DID NOT ADDRESS REACTOR TRIP BREAKER SHUNT COIL TESTING DURING SHUTDOWN CONDITIONS WHEN THE RPS AND UV COIL ARE DEENERGIZED, ALTHOUGH THIS IS NORMALLY WHEN THE TESTING OCCURS. CONSEQUENTLY, SIGNIFICANT DEVIATIONS FROM THE PROCEDURE OCCUR WHEN THE TESTING IS PERFORMED. TECHNICAL SPECIFICATION 6.4.J REQUIRES THAT THE FACILITY FIRE PROTECTION PROGRAM AND IMPLEMENTING PROCEDURES ESTABLISHED FOR THE STATION SHALL BE IMPLEMENTED. CONTRARY TO THE ABOVE REQUIREMENT, ADMINISTRATIVE PROCEDURE (ADM)-56, "SPECIAL PROCESSES INVOLVING IGNITION SOURCES", WAS NOT IMPLEMENTED ON APRIL 24, 1984, IN THAT: (1) DAILY INSPECTIONS OF THE AREAS IN THE TURBINE AND SERVICE BUILDING WERE REQUIRED BY THE WELDING AND FLAME PERMITS, BUT WERE NOT DOCUMENTED. (2) SEVERAL COPIES OF THE WELDING AND FLAME PERMITS WERE NOT AVAILABLE IN THE REACTOR CONTROL ROOM AND CERTAIN FLAME PERMITS WERE NOT ATTACHED TO THE MAINTENANCE REQUEST (MR) FOLLOWING COMPLETION OF THE WORK. (3) A FIRE WATCH WAS NOT MAINTAINED FOR AT LEAST ONE HALF HOUR AFTER COMPLETION OF CUTTING OR WELDING OPERATIONS TO DETECT AND EXTINGUISH ANY POTENTIAL SMOLDERING FIRES IN THE THREE AREAS INSPECTED IN ITEM 1 ABOVE.
(8415 5)

ENFORCEMENT SUMMARY

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

+ REDUCED POWER OPERATION.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1984 +

INSPECTION REPORT NO: 50-280/84-19 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
NONE.			

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1. Docket: 50-281 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	4,367.0	97,895.0
13. Hours Reactor Critical	720.0	3,627.4	62,198.0
14. Rx Reserve Shtdwn Hrs	.0	23.8	23.8
15. Hrs Generator On-Line	720.0	3,578.9	61,154.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	1,743,647	8,414,637	143,130,509
18. Gross Elec Ener (MWH)	553,540	2,689,520	46,479,379
19. Net Elec Ener (MWH)	524,860	2,548,614	44,055,674
20. Unit Service Factor	100.0	82.0	62.5
21. Unit Avail Factor	100.0	82.0	62.5
22. Unit Cap Factor (MDC Net)	94.1	75.3	58.1
23. Unit Cap Factor (DER Net)	92.5	74.1	57.1
24. Unit Forced Outage Rate	.0	10.8	14.0
25. Forced Outage Hours	.0	431.6	7,258.2

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

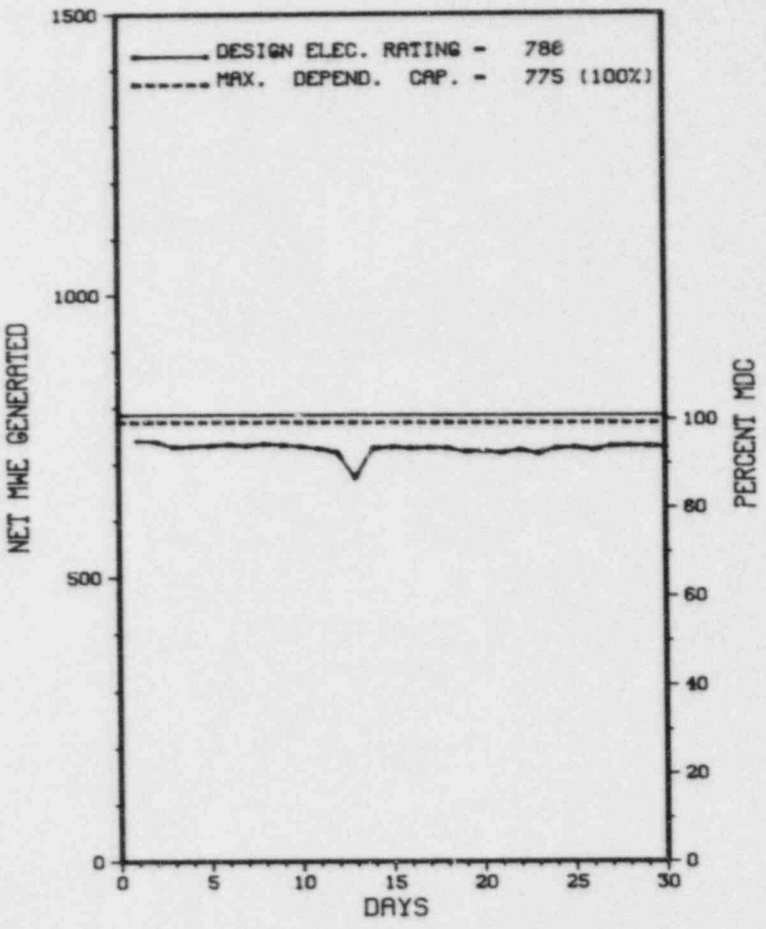
FLL MAINTENANCE - 11-13-84 - 10 DAYS

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

****
* SURRY 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SURRY 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

SURRY 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-18	06/11/84	S	0.0	A	5				UNIT WAS REDUCED TO 64% POWER (490 MW'S) TO ALLOW SHUTDOWN OF 2-FW-P-1A TO REPAIR OIL LEAK.

SUMMARY

SURRY 2 OPERATED ROUTINELY IN JUNE WITH NO SHUTDOWNS 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SURRY 2 *
****

FACILITY DATA

Report Period JUN 1984

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 ELECTRIC & 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 1 - MAY 5 (84-15): THIS INSPECTION INVOLVED 89 INSPECTOR HOURS ON SITE IN THE AREAS OF PLANT OPERATIONS AND OPERATING RECORDS, PLANT MAINTENANCE AND SURVEILLANCE, FIRE PROTECTION SYSTEMS, PLANT OPERABILITY AND SURVEILLANCE, SECURITY, FOLLOWUP OF EVENTS AND OPEN ITEMS. IN THE AREAS INSPECTED, TWO VIOLATIONS WERE IDENTIFIED; (PROCEDURES FOR TESTING CERTAIN COMPONENTS WERE NOT ADEQUATE - PARAGRAPH 6; FIRE PROTECTION PROGRAM IMPLEMENTING PROCEDURES WERE NOT PROPERLY FOLLOWED - PARAGRAPH 7).

INSPECTION MAY 14-18 (84-16): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 21 INSPECTOR HOURS ON SITE IN THE AREA OF PLANT CHEMISTRY. OF THE SINGLE AREA INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION JUNE 3-7 (84-17): THIS INSPECTION INVOLVED SECURITY ORGANIZATION-PERSONNEL; PHYSICAL BARRIERS-PROTECTED AND VITAL AREAS; ASSESSMENT AIDS; ACCESS CONTROL-PERSONNEL, PACKAGES AND VEHICLES; DETECTION AIDS-PROTECTED AND VITAL AREAS; ALARM STATIONS AND COMMUNICATIONS. THE LICENSEE WAS FOUND TO BE IN COMPLIANCE WITH NRC REQUIREMENTS WITHIN THE ELEVEN AREAS EXAMINED DURING THE INSPECTION.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

+ NORMAL AT POWER OPERATIONS.

LAST IE SITE INSPECTION DATE: JUNE 3-7, 1984 +

INSPECTION REPORT NO: 50-281/84-17 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-009/ - -	04/15/84	05/15/84	A REACTOR TRIP OCCURRED AS A RESULT OF AN INTERMEDIATE RANGE (NI-35) HIGH FLUX TRIP.
84-010/ - -	04/18/84	05/17/84	ON 4/18 AND 4/19 A REACTOR TRIP OCCURRED AS A RESULT OF A TURBINE TRIP FROM A HIGH LEVEL IN 6A FEEDWATER HEATER.
84-011/ - -	04/17/84	05/17/84	POTENTIAL FAILURE OF #3 EDG, DURING A REVIEW OF 10CFR 50, APPENDIX R COMPLIANCE, VEPCO WAS INFORMED OF A POTENTIALLY SIGNIFICANT DEFICIENCY.

1. Docket: 50-387 OPERATING STATUS

2. Reporting Period: 06/01/84 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	720.0	4,367.0	9,336.0
13. Hours Reactor Critical	691.0	2,588.0	6,433.3
14. Rx Reserve Shtdwn Hrs	29.0	29.0	185.7
15. Hrs Generator On-Line	683.0	2,502.8	6,271.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,154,934	7,588,635	18,838,406
18. Gross Elec Ener (MWH)	702,180	2,484,220	6,150,770
19. Net Elec Ener (MWH)	675,830	2,392,225	5,928,598
20. Unit Service Factor	94.9	57.3	67.2
21. Unit Avail Factor	94.9	57.3	67.2
22. Unit Cap Factor (MDC Net)	91.0	53.1	61.5
23. Unit Cap Factor (DER Net)	88.1	51.4	59.6
24. Unit Forced Outage Rate	5.1	19.6	15.1
25. Forced Outage Hours	37.0	608.7	1,117.2

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

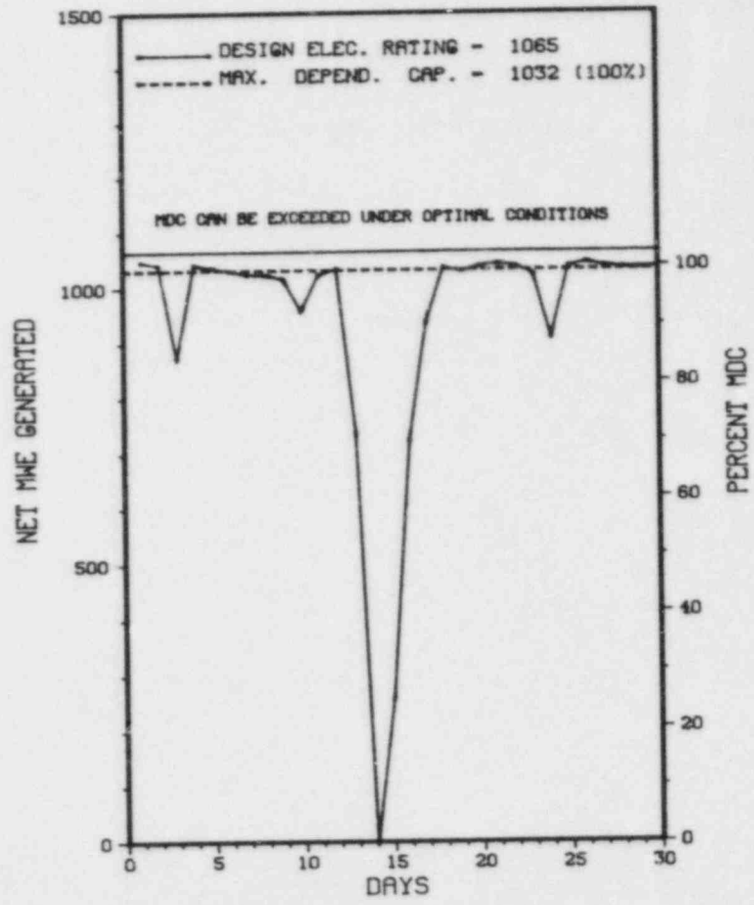
NONE

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

****
* SUSQUEHANNA 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

SUSQUEHANNA 1



JUNE 1984

Report Period JUN 1984 UNIT SHUTDOWNS / REDUCTIONS

****
* SUSQUEHANNA 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
5	06/13/84	F	37.0	H	3	84-028	HA	VALVEX	THE UNIT SCRAMMED ON CONTROL VALVE FAST CLOSURE AS A RESULT OF THE LOSS OF A TRANSMISSION LINE. THE LOSS OF POWER TO VARIOUS CONTROLLERS IN THE PLANT ALLOWED REACTOR VESSEL COOLANT LEVEL TO RISE TO THE HIGH LEVEL TRIP SETPOINT FOR THE MAIN TURBINE. ALL PLANT SYSTEMS RESPONDED AS DESIGNED EXCEPT FOR A SLOW TRANSFER OF THE 4KV ESS BUS 2A TO ITS ALTERNATE SUPPLY.

****
* SUMMARY *
****

SUSQUEHANNA 1 EXPERIENCED A UNIT TRIP ON CONTROL VALVE FAST CLOSURE.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* SUSQUEHANNA 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....R. PERCH
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

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.

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.			

1. Docket: 50-289 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: C. W. SMYTH (717) 948-8551

4. Licensed Thermal Power (MWt): 2535

5. Nameplate Rating (Gross MWe): 968 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	720.0	4,367.0	86,160.0
13. Hours Reactor Critical	.0	.0	31,731.8
14. Rx Reserve Shtdwn Hrs	.0	.0	839.5
15. Hrs Generator On-Line	.0	.0	31,180.9
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	0	76,531,071
18. Gross Elec Ener (MWH)	0	0	25,484,330
19. Net Elec Erer (MWH)	0	0	23,840,053
20. Unit Service Factor	.0	.0	36.2
21. Unit Avail Factor	.0	.0	36.2
22. Unit Cap Factor (MDC Net)	.0	.0	35.4*
23. Unit Cap Factor (DER Net)	.0	.0	33.8
24. Unit Forced Outage Rate	100.0	100.0	60.4
25. Forced Outage Hours	720.0	4,367.0	47,492.5

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

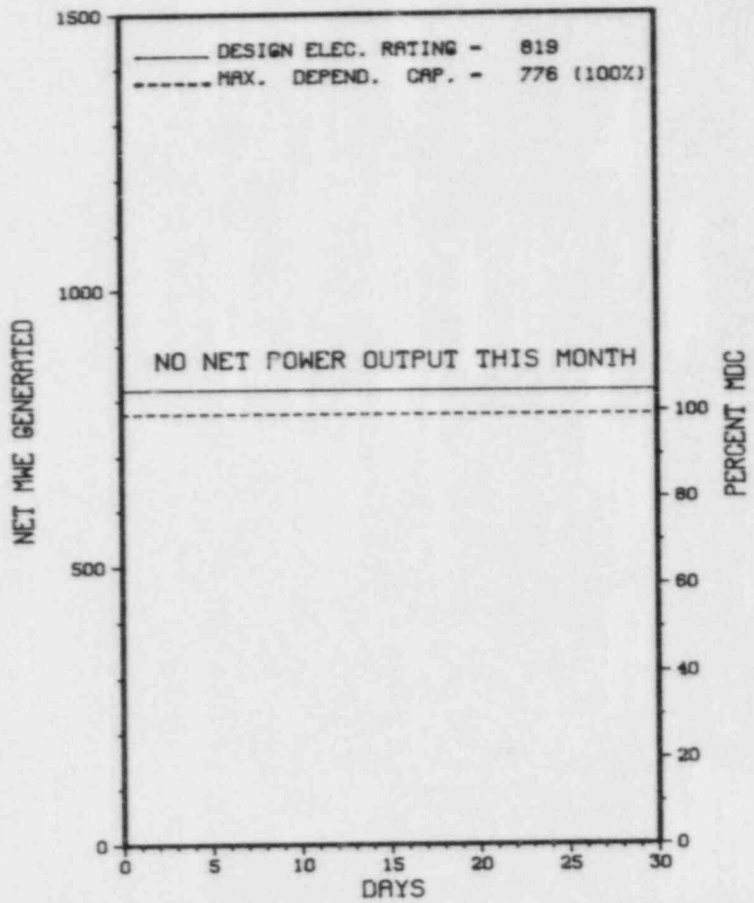
NONE

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

****
* THREE MILE ISLAND 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

THREE MILE ISLAND 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

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		ZZZ	ZZZZZZ	REGULATORY RESTRAINT ORDER CONTINUES.

****
* SUMMARY *
****

THREE MILE ISLAND 1 REMAINS SHUT DOWN FOLLOWING THE ACCIDENT AT UNIT 1.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* THREE MILE ISLAND 1 *
****

FACILITY DATA

FACILITY DESCRIPTION

LOCATION
STATE.....PENNSYLVANIA

COUNTY.....DAUPHIN

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...10 MI SE OF
HARRISBURG, PA

TYPE OF REACTOR.....PWR

DATE INITIAL CRITICALITY...JUNE 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. VANVLIET
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 10 CFR 50.54 (Q) WHICH REQUIRES AN EMERGENCY PLAN AND T.S. 6.8.1 WHICH REQUIRES WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED, AN UNIDENTIFIED PRIMARY SYSTEM LEAKAGE IN EXCESS OF 1.0 GPM WAS NOT CLASSIFIED AS AN UNUSUAL EVENT. CONTRARY TO T.S. 3.6.1 WHICH REQUIRES CONTAINMENT INTEGRITY BE MAINTAINED ON TWO OCCASIONS CONTAINMENT ISOLATION VALVES WERE FOUND TO BE OPEN WHEN THEY WERE REQUIRED TO BE CLOSED.
(8325 3)

CONTRARY TO T.S. 6.11, RADIATION PROTECTION PROCEDURES, THREE EXAMPLES OF FAILURE TO ADHERE TO RADIATION CONTROL PROCEDURES WERE IDENTIFIED DURING DECONTAMINATION OF A "HITMAN" LINER. CONTRARY TO T.S. 6.8.1 WHICH REQUIRES WRITTEN PROCEDURES BE ESTABLISHED, IMPLEMENTED AND MAINTAINED, ON FOUR OCCASIONS, WRITTEN PROCEDURES WERE NOT PROPERLY IMPLEMENTED AS REQUIRED. CONTRARY TO T.S. 6.8.1 AND ADMINISTRATIVE PROCEDURE REQUIREMENTS, A PROCEDURE CHANGE WAS MADE WITHOUT THE USE OF A PROCEDURE CHANGE REQUEST OR A TEMPORARY CHANGE NOTICE. CONTRARY TO 10 CFR 50.54 (Q) EMERGENCY PLANT REQUIREMENTS AND T.S. 6.8.1 PROCEDURES, A PLANNED/UNPLANNED

ENFORCEMENT SUMMARY

RELEASE REPORT FOR A KRYPTON RELEASE WAS NOT PREPARED. IN ADDITION, A TIMELY NRC NOTIFICATION WAS NOT MADE.
(8326 3)

CONTRARY TO TS 6.5.2.5.D AND 6.5.2.7, BETWEEN OCTOBER 31, 1983 AND DECEMBER 31, 1983, INDEPENDENT SAFETY REVIEWS WERE NOT PERFORMED OF THE 24 LICENSEE EVENT REPORTS SUBMITTED TO THE NRC IN WRITING; AND, THEREFORE, REPORTS OF THESE REVIEWS WERE NOT PREPARED, MAINTAINED AND TRANSMITTED TO THE COGNIZANT DIVISION VICE PRESIDENT. CONTRARY TO LIC. COND. 2.C (6) ASME IWV-3413 (A) SPECIFY FULL STROKE (30 DEGREES OPEN) TIMES FOR THE RBPIVS, AH-V1B AND C, IN THE APPLICABLE INSERVICE TESTING PROCEDURE. (FOR REACTOR BUILDING PURGE ISOLATION VALVES, AH-V1A AND AH-V1D, THE FULL STROKE TIMES WERE NOT SPECIFIED CONSISTENT WITH THE FSAR VALUES OF 2 SECONDS).
(8402 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 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: 50-344 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: W. O. NICHOLSON (503) 556-3713 X409

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	68,639.0
13. Hours Reactor Critical	.0	2,793.6	41,643.9
14. Rx Reserve Shtdwn Hrs	.0	.0	3,875.4
15. Hrs Generator On-Line	.0	2,776.2	40,330.3
16. Unit Reserve Shtdwn Hrs	.0	.0	3,237.0
17. Gross Therm Ener (MWH)	0	9,111,746	127,675,599
18. Gross Elec Ener (MWH)	0	2,940,315	41,515,806
19. Net Elec Ener (MWH)	-2,583	2,814,479	39,228,505
20. Unit Service Factor	.0	63.6	58.8
21. Unit Avail Factor	.0	63.6	63.5
22. Unit Cap Factor (MDC Net)	.0	59.7	52.9
23. Unit Cap Factor (DER Net)	.0	57.0	50.6
24. Unit Forced Outage Rate	.0	1.8	17.2
25. Forced Outage Hours	.0	50.3	8,352.1

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

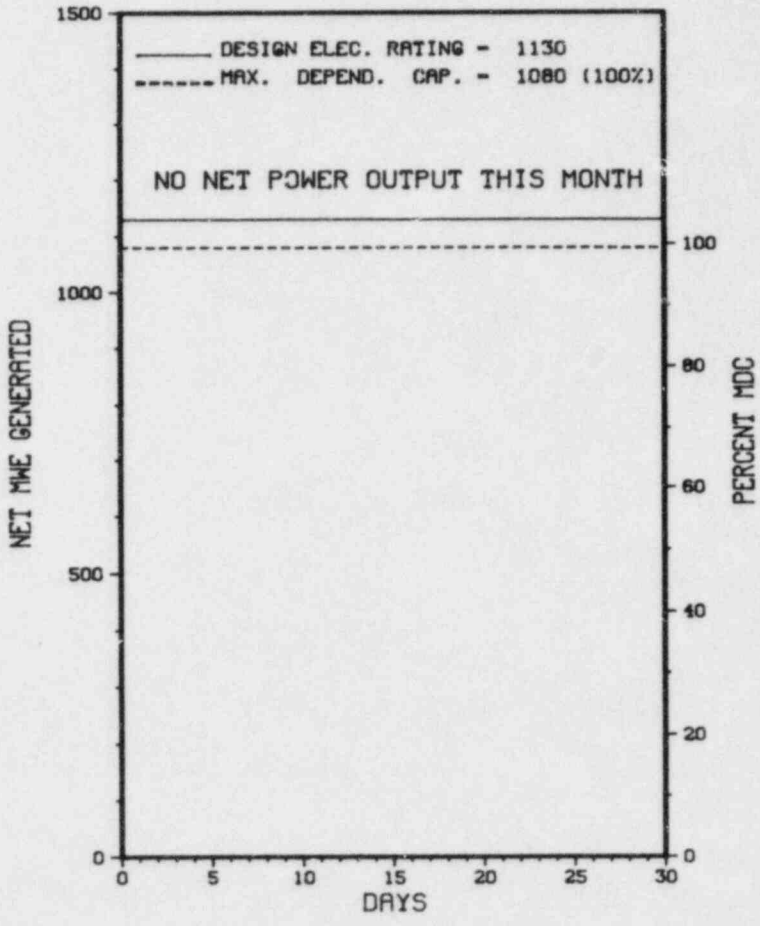
NONE

27. If Currently Shutdown Estimated Startup Date: 09/24/84

****
* TROJAN *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

TROJAN



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* TROJAN *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-07	04/27/84	S	720.0	C	3	84-06	TA	ZZZZZZ	CONTINUED ANNUAL REFUELING/MAINTENANCE OUTAGE WHICH BEGAN AT 1827 ON APRIL 27, 1984.

****
* SUMMARY *
****

TROJAN REMAINED SHUT DOWN FOR MAINTENANCE AND REFUELING DURING ALL OF 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* TROJAN *
****

FACILITY DATA

Report Period JUN 1984

FACILITY DESCRIPTION

LOCATION
STATE.....OREGON

COUNTY.....COLUMBIA

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...42 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....COLUMBIA RIVER

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.....G. JOHNSTON

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 14-18, 1984 (REPORT NO. 50-344/84-13) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON MAY 1 - JUNE 1, 1984 (REPORT NO. 50-344/84-14) AREAS INSPECTED: ROUTINE INSPECTION OF OPERATIONAL SAFETY VERIFICATION; REFUELING ACTIVITIES; CORRECTIVE ACTION; MAINTENANCE; SURVEILLANCE; MODIFICATIONS TO THE REACTOR CORE BARREL; CONTROL OF VENDOR TECHNICAL MANUALS; AND EMPLOYEE RESPONSIBILITY WITH REGARD TO SIGNING PLANT DOCUMENTATION. THE INSPECTION INVOLVED 180 INSPECTOR-HOURS ONSITE BY THE NRC RESIDENT INSPECTORS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 4-8, 1984 (REPORT NO. 50-344/84-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

ENFORCEMENT SUMMARY

PARAGRAPH 2.C(7) OF THE TROJAN NUCLEAR PLANT FACILITY OPERATING LICENSE NO. NPF-1 STATES IN PART "..., ALL ACTIVITIES TO WHICH A QUALITY ASSURANCE PROGRAM, SHALL AFTER THE DATE OF ISSUE OF THIS LICENSE, BE CONDUCTED IN ACCORDANCE WITH THE QUALITY ASSURANCE PROGRAM FOR OPERATIONS". PORTLAND GENERAL ELECTRIC COMPANY HAS DESIGNATED NUCLEAR PROJECTS QUALITY ASSURANCE PROGRAM FOR

ENFORCEMENT SUMMARY

OPERATIONS MANUAL (NPQAP.0), REVISION 8 IN ACCORDANCE WITH 10 CFR 50.54(A)(1) FOR THIS PURPOSE. PARAGRAPH 5.1 OF NUCLEAR QUALITY ASSURANCE PROGRAM FOR OPERATIONS MANUAL (NPQAP/0), REVISION 8, STATES IN PART: "THIS CHAPTER DESCRIBES THE MEASURES WHICH WILL ASSURE THAT ACIVITIES AFFECTING QUALITY RELATED ITEMS AND SERVICES ARE DELINEATED, CONTROLLED, IMPLEMENTED AND ACCOMPLISHED THROUGH UTILIZATION OF APPROVED DOCUMENTED INSTRUCTIONS, PROCEDURES, OR DRAWINGS." RECORDS MANAGEMENT SERVICES IS RESPONSIBLE FOR PROPER DISTRIBUTION OF RECORD DRAWINGS FOR WHICH PGE HAS CUSTODY AND ALL APPROVED CHANGES AND REVISIONS THERETO. SECTION II.E.1(B) OF QUALITY ASSURANCE PROCEDURE (QAP)-6, "DOCUMENT CONTROL" STATES IN PART: "SUPERSEDED COPIES OF CONTROLLED DOCUMENTS SHALL BE REPLACED BY THE CURRENT REVISION SO AS TO PRESERVE THE CONTROLLED AND CURRENT STATUS OF THE DOCUMENT. SUPERSEDED COPIES WILL BE EITHER DESTROYED OR MARKED VOID." CONTRARY TO THIS REQUIREMENT, AT THE TIME OF THIS INSPECTION: THE LICENSEE HAD FAILED TO CONTROL THE DISTRIBUTION OF QUALITY RELATED DOCUMENTS IN A MANNER TO PRECLUDE THE USE OF OUTDATED OR INAPPROPRIATE DOCUMENTS. PIPING AND INSTRUMENTATION DRAWINGS (P&IDS) AND DESIGN CHANGE NOTICES (DCNS) SENT TO THE CONTROL ROOM BETWEEN THE PERIOD OF OCTOBER 1983 AND FEBRUARY 1984 BY THE LICENSEE'S RECORDS MANAGEMENT SERVICES HAD NOT BEEN FILED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED ON THE TRANSMITTAL FORM. SPECIFICALLY, ONE OF FOUR CONTROLLED SETS OF P&IDS LOCATED IN THE REACTOR CONTROL ROOM CONTAINED SUPERCEDED DRAWINGS. SIX OF APPROXIMATELY 35 P&IDS (NOS. M201, M213 SHEET 2, M218, M233, M243, AND M248) WERE OUT-OF-DATE WHEN COMPARED WITH THE LICENSEE'S COMPUTERIZED MASTER INDEX LIST. SOME OF THESE DRAWINGS HAD OUTSTANDING DCNS. NONE OF THE SIX DRAWINGS WERE IDENTIFIED IN A MANNER (E.G. STAMPED) TO REFER THE USER TO THE OPEN DCN REGISTER MAINTAINED IN THE CONTROL ROOM.
(8405 4)

PARAGRAPH 5.1 OF NPQAP/0, REVISION 8, STATES IN PART: "THIS CHAPTER DESCRIBES MEASURES WHICH WILL ASSURE THAT ACTIVITIES AFFECTING QUALITY-RELATED ITEMS AND SERVICES ARE DELINEATED, CONTROLLED, IMPLEMENTED, AND ACCOMPLISHED THROUGH UTILIZATION OF APPROVED, DOCUMENTED INSTRUCTIONS, PROCEDURES OR DRAWINGS. LICENSEE IMPLEMENTING PROCEDURE A0-12-4 "MATERIAL CONTROL AND IDENTIFICATION" SECTION IV, STATES THAT "LEVELS AND METHODS OF STORAGE WILL BE USED TO MINIMIZE THE POSSIBILITY OF DAMAGE OR LOWERING OF QUALITY DUE TO CORROSION, CONTAMINATION, OR PHYSICAL DAMAGE FROM THE TIME AN ITEM IS STORED UPON RECEIPT UNTIL THE TIME AN ITEM IS REMOVED FROM STORAGE." CONTRARY TO THIS REQUIREMENT, AT THE TIME OF THE INSPECTION, LICENSEE DESIGNATED QUALITY RELATED ITEMS LOCAL PURCHASE ORDER N0285 AND PURCHASE ORDER N27086 FOR A-36 STRUCTURAL STEEL, AND PURCHASE ORDER N22106 FOR ASTM A-376 STAINLESS STEEL PIPE HAD NOT BEEN ASSIGNED LEVELS AND METHODS OF STORAGE TO MINIMIZE THE POSSIBILITY OF DAMAGE OR LOWERING OF QUALITY DUE TO CORROSION, CONTAMINATION, OR DETERIORATION. QUALITY RELATED ITEMS N0285 AND N27086 FOR A-36 STRUCTURAL STEEL WERE OBSERVED BY THE INSPECTOR TO BE STORED OUTDOORS, IN A DIRECT CONTACT WITH THE DIRT. QUALITY RELATED ITEM N22106 DESIGNATED BY THE LICENSEE TO QA CODE "A" WAS OBSERVED TO BE STORED OUTSIDE, WITH ONE END CAPPED BUT THE CAP HAD A SPLIT IN IT, THE OTHER END OF THE PIPE WAS UNCAPPED. DIRT AND RESIDUE HAD ACCUMULATED INSIDE THE PIPE. THIS STAINLESS STEEL PIPE WAS LOCATED IN AN AREA WITH OTHER MATERIALS WHICH HAD BEEN ACCEPTED FOR USE, AND WAS NOT LABELED SCRAP OR NONCONFORMING.
(8405 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

MANAGERIAL ITEMS:

AN ENFORCEMENT CONFERENCE AND A SPECIAL MEETING WITH THE LICENSEE HAVE BEEN SCHEDULED FOR APRIL 16, 1984, TO DISCUSS THE SIMULTANEOUS REMOVAL OF BOTH AUXILIARY FEEDWATER PUMPS FROM SERVICE ON MARCH 20, 1984 AND TO DISCUSS A CORRECTIVE ACTION PROGRAM RESULTING FROM THE NRC'S MARGINAL RATING OF THE OPERATOR REQUALIFICATION PROGRAM.

OTHER ITEMS

PLANT STATUS:

ROUTINE POWER OPERATION.

LAST IE SITE INSPECTION DATE: 06/04-08/84+

INSPECTION REPORT NO: 50-344/84-15+

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-07-LO	04-28-84	- -	INADVERTENT SAFETY INJECTION ACTUATION FROM LIFTING INCORRECT ELECTRICAL LEADS

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1. Docket: 50-250 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	101,432.6
13. Hours Reactor Critical	711.3	3,525.8	71,551.1
14. Rx Reserve Shtdwn Hrs	.0	.0	844.3
15. Hrs Generator On-Line	698.0	3,426.5	69,348.7
16. Unit Reserve Shtdwn Hrs	.0	.0	121.8
17. Gross Therm Ener (MWH)	1,520,181	7,327,350	142,815,942
18. Gross Elec Ener (MWH)	486,770	2,364,540	45,575,105
19. Net Elec Ener (MWH)	462,850	2,238,824	43,151,841
20. Unit Service Factor	96.9	78.5	68.4
21. Unit Avail Factor	96.9	78.5	68.5
22. Unit Cap Factor (MDC Net)	96.5	77.0	65.7*
23. Unit Cap Factor (DER Net)	92.8	74.0	61.4
24. Unit Forced Outage Rate	3.1	9.8	5.6
25. Forced Outage Hours	22.0	372.1	3,552.2

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

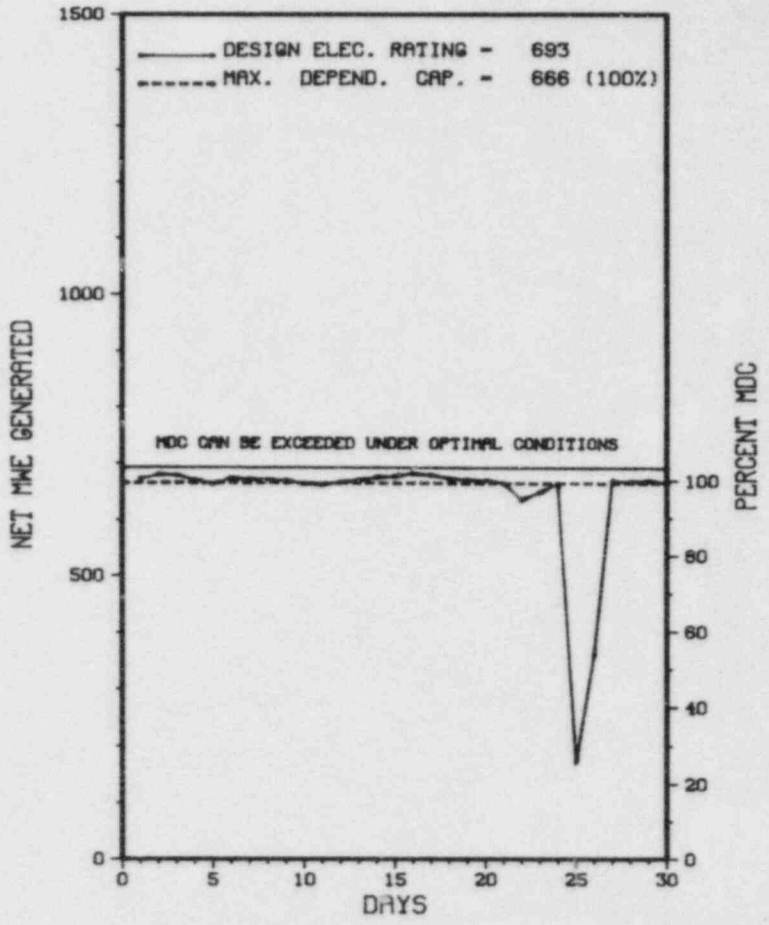
NONE

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

****
* TURKEY POINT 3 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

TURKEY POINT 3



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

TURKEY POINT 3

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
13	06/26/84	F	22.0	B	1	250-84-018	CB	VALVEX	THE UNIT WAS SHUT DOWN TO REPAIR A LEAKING INSTRUMENT ISOLATION VALVE. FOLLOWING THE REPAIRS, THE UNIT RETURNED TO POWER OPERATION.

SUMMARY

TURKEY POINT 3 OPERATED ROUTINELY IN 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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

****
* TURKEY POINT 3 *
****

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

Report Period JUN 1984

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

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FLORIDA INTERNATIONAL UNIVERSITY
MIAMI, FLORIDA 33199

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

INSPECTION SUMMARY

+ INSPECTION APRIL 23-27 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 17 INSPECTOR HOURS ON SITE IN THE AREAS OF RADIATION PROTECTION ACTIVITIES ASSOCIATED WITH THE REFUELING OUTAGE, INCLUDING ORGANIZATION AND MANAGEMENT, TRAINING AND QUALIFICATIONS, EXTERNAL EXPOSURE CONTROL, INTERNAL EXPOSURE CONTROL, RADIATION WORK PERMITS, POSTING AND CONTROL OF RADIOLOGICAL AREAS, RADIOLOGICAL SURVEYS, ALARA ACTIVITIES, POST ACCIDENT SAMPLING AND FOLLOWUP ON PREVIOUS INSPECTOR IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 7-28 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 127 INSPECTOR HOURS ON SITE, INCLUDING 22 HOURS OF BACKSHIFT, IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT ITEMS, IE BULLETIN FOLLOWUP, LER FOLLOWUP, ANNUAL AND MONTHLY SURVEILLANCE, ANNUAL AND MONTHLY MAINTENANCE, OPERATIONAL SAFETY, EMERGENCY SAFETY FEATURES WALKDOWN, PLANT TRIPS, REFUELING, DESIGN CHANGES, ORGANIZATION AND ADMINISTRATION, INDEPENDENT INSPECTION AND EXIT INTERVIEWS. OF THE TWELVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TEN AREAS; THREE VIOLATIONS WERE FOUND IN TWO AREAS (PARAGRAPH 7, INADEQUATE SURVEILLANCE TEST AND FAILURE TO FOLLOW PROCEDURE; AND PARAGRAPH 9, FAILURE TO FOLLOW CLEARANCE TAG PROCEDURE).

INSPECTION MAY 1-4 (84-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 14 INSPECTOR HOURS ON SITE IN THE AREAS OF INSPECTION AND TESTING OF SNUBBERS, FOLLOWUP ON INSPECTOR IDENTIFIED ITEMS, AND IEB 81-01. IN THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TWO AREAS; ONE APPARENT VIOLATION WAS FOUND IN ONE AREA (FAILURE TO PERFORM VITAL INSPECTION OF SNUBBERS - PARAGRAPH 6).

INSPECTION MAY 15-17 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 7 INSPECTOR HOURS ON SITE IN THE AREAS OF TMI ITEM

INSPECTION SUMMARY

II.F.1.4 CONTAINMENT PRESSURE MONITOR AND CONTROL ROOM TOURS. OF THE TWO AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF INITIAL CRITICALITY FOLLOWING REFUELING, ZERO POWER PHYSICS TESTS, AND OPEN ITEM FOLLOWUP. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE IMPLEMENTED THAT MEET OR EXCEED THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.33. THE CLEARANCE TAG PROCEDURE (AP-0103.4) REQUIRES THAT CLEARANCE TAGS BE FILLED OUT, HUNG PROPERLY AND THE CLEARANCE LIFTED BEFORE THE COMPONENT IS MANIPULATED. CONTRARY TO THE ABOVE, THE AP 0103.4 WAS NOT IMPLEMENTED ON APRIL 16, 1984, IN THE RADIATION WASTE BUILDING, ON APRIL 17, DURING THE PERFORMANCE OF HYDROSTATIC TESTING, AND ON APRIL 19, DURING SURVEILLANCE TESTING OF THE EMERGENCY DIESEL GENERATOR, IN THAT TAGS WERE NOT FILLED OUT, HUNG, OR PROPERLY LIFTED. TECHNICAL SPECIFICATION 4.8.1.C.6 REQUIRES VERIFYING EVERY EIGHTEEN MONTHS THAT THE DIESEL GENERATOR COMPLETES AN EIGHT HOUR RUN AND THAT THE COOLING SYSTEM FUNCTIONS WITHIN LIMITS DURING THE EIGHT HOURS. CONTRARY TO THE ABOVE, THE SURVEILLANCE TESTING (OP 430413) WHICH WAS CONDUCTED ON APRIL 19, 1984, TO SATISFY THE ABOVE SPECIFICATIONS WAS INADEQUATE IN THAT INSUFFICIENT DATA WAS TAKEN SO THAT A COMPLETE EVALUATION OF THE COOLING SYSTEM COULD BE ACCOMPLISHED. TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED AND IMPLEMENTED THAT MEET OR EXCEED THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.33. CONTRARY TO THE ABOVE, OPERATING PROCEDURES (OP 0206.6), "HYDROSTATIC PRESSURE TESTING FOR INSERVICE INSPECTION REQUIREMENTS" WAS NOT IMPLEMENTED IN THAT RELIEF VALVES WERE REQUIRED TO BE LISTED AND WERE NOT FOR THE HYDROSTATIC TEST OF THE SAFETY INJECTION SYSTEM ON APRIL 17, 1984. ALSO, AN ADEQUATE PROCEDURE FOR THE SAME HYDROSTATIC TEST WAS NOT ESTABLISHED IN THAT SEVERAL REQUIREMENTS OF THE QUALITY ASSURANCE TEST CONTROL PROGRAM WERE NOT ADDRESSED. TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE IMPLEMENTED THAT MEET OR EXCEED THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.33. THE CLEARANCE TAG PROCEDURE (AP-0103.4) REQUIRES THAT CLEARANCE TAGS BE FILLED OUT, HUNG PROPERLY AND THE CLEARANCE LIFTED BEFORE THE COMPONENT IS MANIPULATED. CONTRARY TO THE ABOVE, THE AP 0103.4 WAS NOT IMPLEMENTED ON APRIL 16, 1984, IN THE RADIATION WASTE BUILDING, ON APRIL 17, DURING THE PERFORMANCE OF HYDROSTATIC TESTING, AND ON APRIL 19, DURING SURVEILLANCE TESTING OF THE EMERGENCY DIESEL GENERATOR, IN THAT TAGS WERE NOT FILLED OUT, HUNG, OR PROPERLY LIFTED. TECHNICAL SPECIFICATION 4.8.1.C.6 REQUIRES VERIFYING EVERY EIGHTEEN MONTHS THAT THE DIESEL GENERATOR COMPLETES AN EIGHT HOUR RUN AND THAT THE COOLING SYSTEM FUNCTIONS WITHIN LIMITS DURING THE EIGHT HOURS. CONTRARY TO THE ABOVE, THE SURVEILLANCE TESTING (OP 430413) WHICH WAS CONDUCTED ON APRIL 19, 1984, TO SATISFY THE ABOVE SPECIFICATIONS WAS INADEQUATE IN THAT INSUFFICIENT DATA WAS TAKEN SO THAT A COMPLETE EVALUATION OF THE COOLING SYSTEM COULD BE ACCOMPLISHED. TECHNICAL SPECIFICATION 6.8.1 REQUIRES THAT WRITTEN PROCEDURES SHALL BE ESTABLISHED AND IMPLEMENTED THAT MEET OR EXCEED THE REQUIREMENTS OF USNRC REGULATORY GUIDE 1.33. CONTRARY TO THE ABOVE, OPERATING PROCEDURES (OP 0206.6), "HYDROSTATIC PRESSURE TESTING FOR INSERVICE INSPECTION REQUIREMENTS" WAS NOT IMPLEMENTED IN THAT RELIEF VALVES WERE REQUIRED TO BE LISTED AND WERE NOT FOR THE HYDROSTATIC TEST OF THE SAFETY INJECTION SYSTEM ON APRIL 17, 1984. ALSO, AN ADEQUATE PROCEDURE FOR THE SAME HYDROSTATIC TEST WAS NOT ESTABLISHED IN THAT SEVERAL REQUIREMENTS OF THE QUALITY ASSURANCE TEST CONTROL PROGRAM WERE NOT ADDRESSED. (8414 4)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE.

OTHER ITEMS

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

OPERATING.

LAST IE SITE INSPECTION DATE: MAY 29 - JUNE 1, 1984 +

INSPECTION REPORT NO: 50-250/84-20 +

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-014/ - -	04/24/84	05/24/84	REACTOR TRIP OCCURRED. THE ROOT CAUSE WAS DETERMINED TO STEM FROM PERSONNEL ERROR THAT PROPAGATED INTO THE REACTOR TRIP.
84-015/ - -	05/14/84	06/13/84	ON 5/14, A TURBINE RUNBACK OCCURRED. THE ROOT CAUSE WAS DETERMINED TO STEM FROM AN INSTRUMENT PWR SUPPLY FAILURE IN NUCLEAR INSTRUMENTATION SYSTEM.
84-016/ - -	05/13/84	06/12/84	AN ISOTOPIC ANALYSIS FOR IODINES IN THE REACTOR COOLANT SYSTEM (RCS) WAS NOT PERFORMED WITHIN THE TIME INTERVAL REQUIRED BY T.S. RCS SAMPLE BEING OBTAINED APPROX. 1 HOUR TO EARLY.

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1. Docket: 50-251 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	95,160.0
13. Hours Reactor Critical	676.6	2,045.3	66,684.1
14. Rx Reserve Shtdwn Hrs	.0	.0	166.6
15. Hrs Generator On-Line	615.9	1,888.9	64,357.3
16. Unit Reserve Shtdwn Hrs	.0	.0	31.2
17. Gross Therm Ener (MWH)	1,172,598	4,174,827	135,930,568
18. Gross Elec Ener (MWH)	369,585	1,268,500	43,189,862
19. Net Elec Ener (MWH)	346,928	1,190,181	40,897,289
20. Unit Service Factor	85.5	43.3	67.6
21. Unit Avail Factor	85.5	43.3	67.7
22. Unit Cap Factor (MDC Net)	72.3	40.9	66.3*
23. Unit Cap Factor (DER Net)	69.5	39.3	62.0
24. Unit Forced Outage Rate	12.4	18.6	5.0
25. Forced Outage Hours	91.6	432.0	2,973.8

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

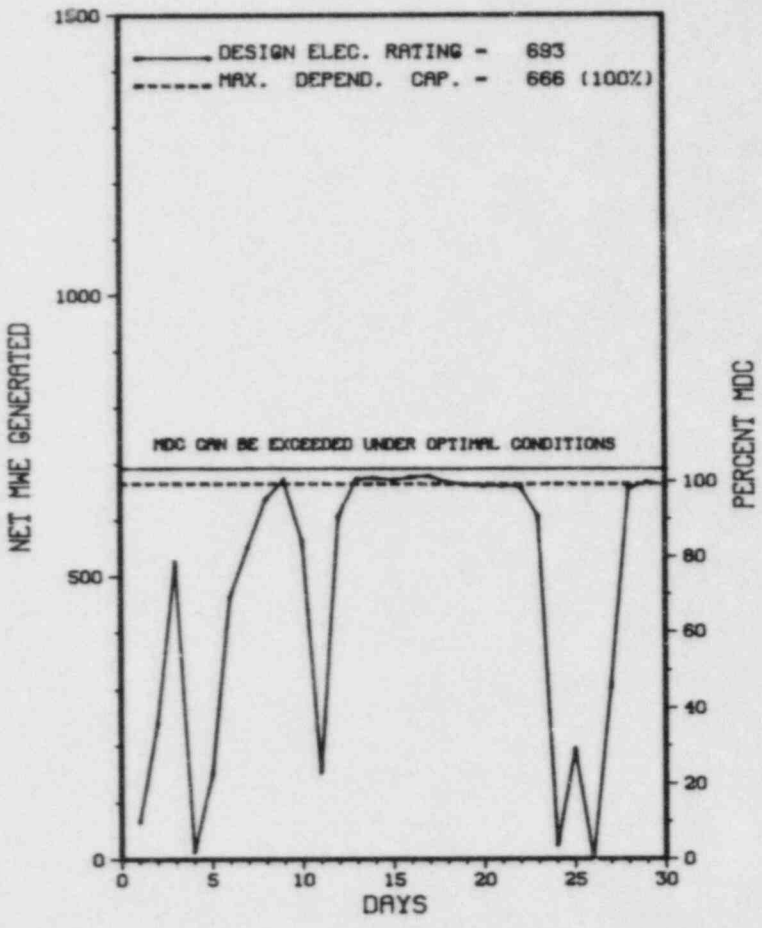
NONE

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

****
* TURKEY POINT 4 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

TURKEY POINT 4



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

TURKEY POINT 4

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
08	06/01/84	S	12.5	B	9		HA	TURBIN	TURBINE OVERSPEED TEST
09	06/02/84	S	0.0	F	5		RC	FUELXX	FUEL RELATED POWER REDUCTIONS ASSOCIATED WITH RETURNING TO POWER FROM REFUELING OUTAGE.
10	06/04/84	F	30.6	F	3	251-84-010	HH	PUMPXX	REACTOR TRIP DUE TO LOW STEAM GENERATOR LEVEL AND STEAM FLOW GREATER THAN FEED FLOW CAUSED BY A FEEDWATER PUMP TRIP.
11	06/05/84	S	0.0	F	5		RL	FUELXX	FUEL RELATED POWER REDUCTIONS ASSOCIATED WITH RETURNING TO POWER FROM REFUELING OUTAGE.
12	06/10/84	F	14.8	B	1		HD	VALVOP	THE UNIT WAS SHUTDOWN TO REPAIR A MAINSTEAM ISOLATION VALVE SOLENOID.
13	06/23/84	F	6.5	B	1		HA	TURBIN	THE UNIT WAS SHUTDOWN TO BALANCE THE MAIN TURBINE.
14	06/24/84	F	6.5	B	1		HA	VALVEZ	THE UNIT WAS SHUTDOWN TO REPAIR A TURBINE OIL INTERCEPT VALVE.
15	06/25/84	S	0.0	H	5		RL	FUELXX	POWER REDUCTION TO VERIFY MODERATOR TEMPERATURE COEFFICIENT AND TO REPAIR TURBINE INTERCEPT VALVE.
16	06/25/84	F	33.2	B	1		HA	VALVEX	THE UNIT WAS SHUT DOWN TO REPAIR A TURBINE OIL INTERCEPT VALVE.
17	06/27/84	S	0.0	H	5		HH	ZZZZZZ	POWER REDUCTION FOR SECONDARY CHEMISTRY CONTROL AND VERIFICATION OF MODERATOR TEMPERATURE COEFFICIENT.

SUMMARY

TURKEY POINT 4 EXPERIENCED SEVERAL SHUTDOWNS IN JUNE AS DETAILED 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* TURKEY POINT 4 *
****

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

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

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MIAMI, FLORIDA 33199

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

INSPECTION SUMMARY

+ INSPECTION APRIL 23-27 (84-13): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 18 INSPECTOR HOURS ON SITE IN THE AREAS OF RADIATION PROTECTION ACTIVITIES ASSOCIATED WITH THE REFUELING OUTAGE, INCLUDING ORGANIZATION AND MANAGEMENT, TRAINING AND QUALIFICATIONS, EXTERNAL EXPOSURE CONTROL, INTERNAL EXPOSURE CONTROL, RADIATION WORK PERMITS, POSTING AND CONTROL OF RADIOLOGICAL AREAS, RADIOLOGICAL SURVEYS, ALARA ACTIVITIES, POST ACCIDENT SAMPLING AND FOLLOWUP ON PREVIOUS INSPECTOR IDENTIFIED ITEMS. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION APRIL 7-28 (84-14): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 127 INSPECTOR HOURS ON SITE, INCLUDING 23 HOURS OF BACKSHIFT, IN THE AREAS OF LICENSEE ACTION ON PREVIOUS ENFORCEMENT ITEMS, IE BULLETIN FOLLOWUP, LER FOLLOWUP, ANNUAL AND MONTHLY SURVEILLANCE, ANNUAL AND MONTHLY MAINTENANCE, OPERATIONAL SAFETY, EMERGENCY SAFETY FEATURES WALKDOWN, PLANT TRIPS, REFUELING, DESIGN CHANGES, ORGANIZATION AND ADMINISTRATION, INDEPENDENT INSPECTION AND EXIT INTERVIEWS. OF THE TWELVE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TEN AREAS; THREE VIOLATIONS WERE FOUND IN TWO AREAS (PARAGRAPH 7, INADEQUATE SURVEILLANCE TEST AND FAILURE TO FOLLOW PROCEDURE; AND PARAGRAPH 9, FAILURE TO FOLLOW CLEARANCE TAG PROCEDURE).

INSPECTION MAY 1-4 (84-15): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 14 INSPECTOR HOURS ON SITE IN THE AREAS OF INSPECTION AND TESTING OF SNUBBERS, FOLLOWUP ON INSPECTOR IDENTIFIED ITEMS, AND IEB 81-01. IN THE THREE AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED IN TWO AREAS; ONE APPARENT VIOLATION WAS FOUND IN ONE AREA (FAILURE TO PERFORM VITAL INSPECTION OF SNUBBERS - PARAGRAPH 6).

INSPECTION MAY 15-17 (84-17): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 7 INSPECTOR HOURS ON SITE IN THE AREAS OF TMI ITEM

INSPECTION SUMMARY

II.F.4 CONTAINMENT PRESSURE MONITOR AND CONTROL ROOM TOURS. OF THE TWO AREAS INSPECTED, NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

INSPECTION MAY 29 - JUNE 1 (84-20): THIS ROUTINE, UNANNOUNCED INSPECTION INVOLVED 16 INSPECTOR HOURS ON SITE IN THE AREAS OF INITIAL CRITICALITY FOLLOWING REFUELING, ZERO POWER PHYSICS TESTS, AND OPEN ITEM FOLLOWUP. NO VIOLATIONS OR DEVIATIONS WERE IDENTIFIED.

ENFORCEMENT SUMMARY

CONTRARY TO THE REQUIREMENTS OF TECHNICAL SPECIFICATIONS 4.14.1 AND 4.14.2, THE LICENSEE FAILED TO PERFORM VISUAL INSPECTION OF THE UNIT 4 MECHANICAL SNUBBERS PRIOR TO REMOVAL OF THE SNUBBERS FOR FUNCTIONAL TESTING. (8415 5)

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE.

FACILITY ITEMS (PLANS AND PROCEDURES):

COMPLETED STEAM GENERATOR REPLACEMENT.

MANAGERIAL ITEMS:

NONE.

PLANT STATUS:

NORMAL OPERATION.

LAST IE SITE INSPECTION DATE: MAY 29 - JUNE 1, 1984 +

INSPECTION REPORT NO: 50-251/84-20 +

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
84-006/ - -	05/05/84	06/04/84	ACTUATION OF STRIPPING RELAYS ON A 4KV BUS OCCURRED. SUPERVISORS OVERSEEING THE UNDERVOLTAGE MODIFICATIONS WERE INSTRUCTED TO EXERCISE MORE CARE.

1. Docket: 50-271 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	103,225.8
13. Hours Reactor Critical	359.7	3,886.4	83,584.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	357.8	3,854.2	81,346.7
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	527,956	5,932,770	118,093,442
18. Gross Elec Ener (MWH)	177,410	2,012,268	39,305,346
19. Net Elec Ener (MWH)	169,078	1,928,790	37,293,806
20. Unit Service Factor	49.7	88.3	78.8
21. Unit Avail Factor	49.7	88.3	78.8
22. Unit Cap Factor (MDC Net)	46.6	87.6	71.7
23. Unit Cap Factor (DER Net)	45.7	85.9	70.3
24. Unit Forced Outage Rate	.0	3.8	7.2
25. Forced Outage Hours	.0	150.6	5,041.8

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

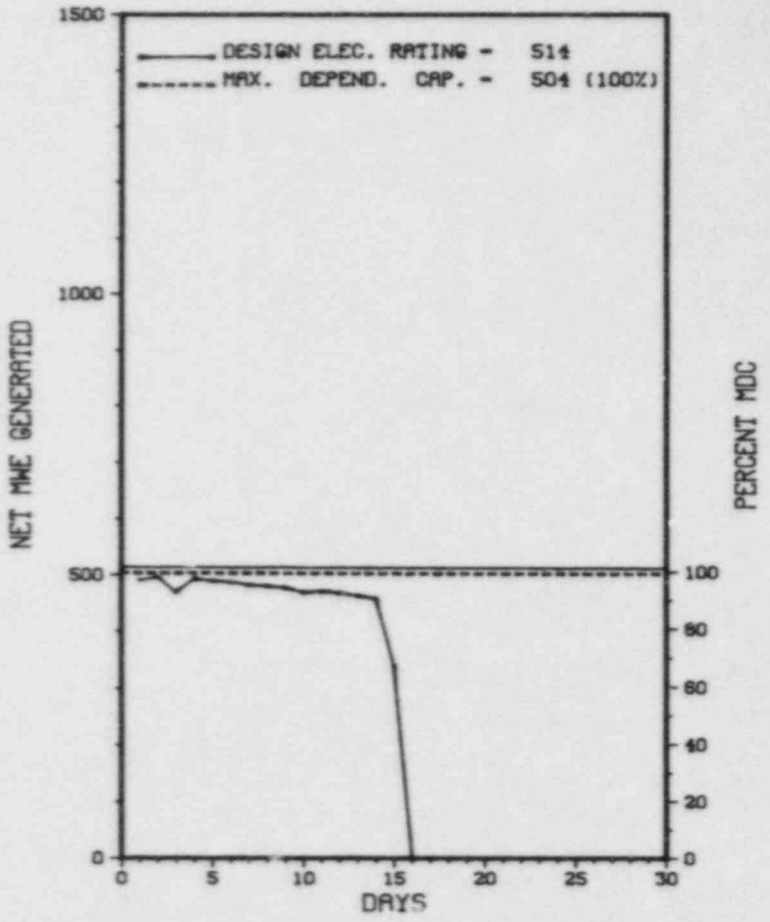
NONE

27. If Currently Shutdown Estimated Startup Date: 08/03/84

****
* VERMONT YANKEE 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

VERMONT YANKEE 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

****
* VERMONT YANKEE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-11	06/03/84	S	8.8	B	5		RB	CONROD	POWER REDUCTION FOR CONTROL ROD EXERCISE AND OTHER SURVEILLANCE.
84-12	06/15/84	S	362.2	C	1				REFUELING AND MAINTENANCE OUTAGE COMMENCES.

****
* SUMMARY *
****

VERMONT YANKEE BEGAN A REFUELING AND MAINTENANCE SHUTDOWN ON JUNE 15.

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 & License Examination		5-Reduced Load	Licensee Event Report (LER) File (NUREG-0161)
			9-Other	

****
* VERMONT YANKEE 1 *
****

FACILITY DATA

Report Period JUN 1984

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

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION INPUT PROVIDED.

ENFORCEMENT SUMMARY

APPENDIX "A" TO LICENSE NO. DPR-28, TECHNICAL SPECIFICATIONS (TS), SECTION 3.7.B.2, REQUIRES THAT IN-PLACE COLD DOP AND HALOGENATED HYDROCARBON TESTS AT DESIGN FLOWS BE PERFORMED ON THE STANDBY GAS TREATMENT SYSTEM. ALSO SECTION 3.7.B.2, OF THE TS REQUIRES THAT SYSTEM FANS BE SHOWN TO OPERATE WITHIN (10 % OF DESIGN FLOW. CONTRARY TO THE ABOVE REQUIREMENT, THE DATA FOR THE AIR FLOW CAPACITY TEST OF THE STANDBY GAS TREATMENT SYSTEM TRAIN B PERFORMED ON JANUARY 10, 1984 INDICATED A FLOW OF 1263 CFM WHICH IS NOT WITHIN (10 % OF THE DESIGN FLOW OF 1500 CFM. THEREFORE, THE IN-PLACE COLD DOP AND HALOGENATED HYDROCARBON TESTS OF JANUARY 10, 1984 WERE NOT PERFORMED AT THE DESIGN FLOW AS REQUIRED.
(8407 5)

OTHER ITEMS

SYSTEMS AND COMPONENTS:

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.

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: 50-397 OPERATING STATUS
2. Reporting Period: 06/01/84 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): 1100
6. Design Electrical Rating (Net MWe): 1100
7. Maximum Dependable Capacity (Gross MWe): 1100
8. Maximum Dependable Capacity (Net MWe): 1100
9. If Changes Occur Above Since Last Report, Give Reasons:

---

10. Power Level To Which Restricted, If Any (Net MWe):
11. Reasons for Restrictions, If Any:

NONE

	MONTH	YEAR	CUMULATIVE
12. Report Period Hrs	720.0	818.2	818.2
13. Hours Reactor Critical	324.8	408.2	408.2
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	170.1	228.5	228.5
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	162,576	207,077	207,077
18. Gross Elec Ener (MWH)	29,682	34,767	34,767
19. Net Elec Ener (MWH)	26,634	31,566	31,566
20. Unit Service Factor		NOT IN	
21. Unit Avail Factor		COMMERCIAL	
22. Unit Cap Factor (MDC Net)		OPERATION	
23. Unit Cap Factor (DER Net)			
24. Unit Forced Outage Rate			
25. Forced Outage Hours	549.5	573.3	573.3

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

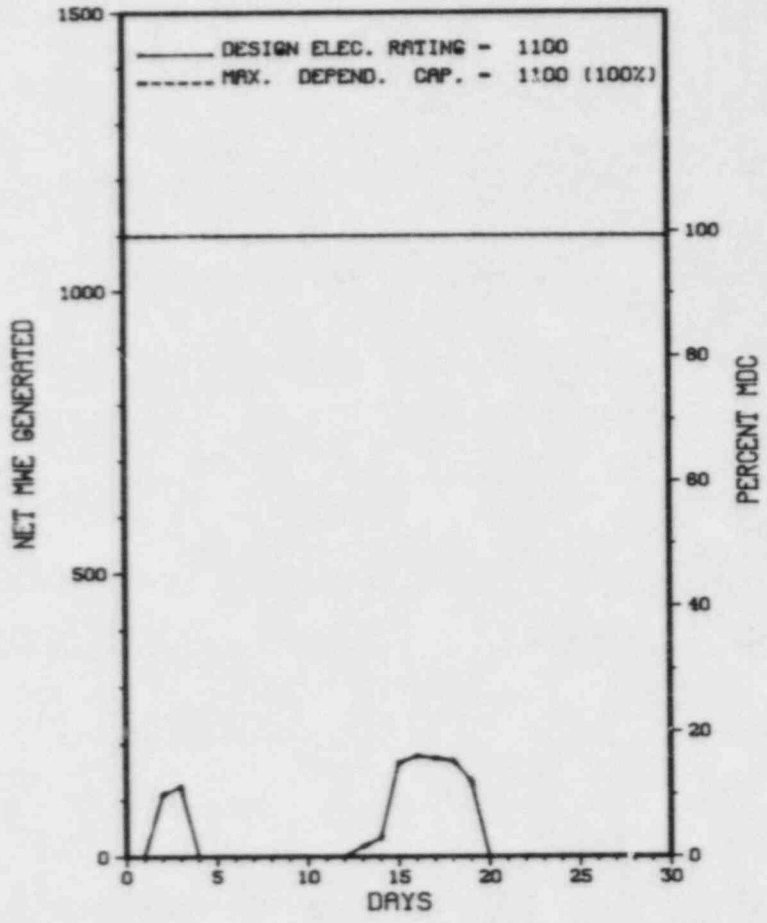
NONE

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

****
* WASHINGTON NUCLEAR 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

WASHINGTON NUCLEAR 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

WASHINGTON NUCLEAR 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
3	06/01/84	F	27.3	A	3				AUTOMATIC SCRAM OCCURRED ON HIGH REACTOR PRESSURE AS A RESULT OF THE CLOSURE OF ALL FOUR MAIN TURBINE BYPASS VALVES DUE TO A DEH MALFUNCTION. A REPLACEMENT LOGIC CARD WAS INSTALLED IN THE DEH SYSTEM. SEE LER 84-056, 6/28/84.
4	06/03/84	F	239.7	A	1				A PLANT SHUTDOWN WAS COMPLETED ON 6/3/84 AS A RESULT OF INCREASING CONDUCTIVITY ON THE PRIMARY SYSTEM. REPAIRS WERE MADE TO THE CONDENSER AND STARTUP WAS INITIATED ON 6/8/84. CONDUCTIVITY LEVELS AGAIN INCREASED AND THE PLANT WAS SHUTDOWN ON 6/9/84 (GENERATOR WAS NOT PLACED ON LINE). ADDITIONAL REPAIRS WERE MADE TO THE CONDENSER.
6	06/13/84	F	0.5	A	4				THE GENERATOR TRIPPED ON HIGH REACTOR LEVEL WHILE TRANSFERRING FEEDWATER CONTROL. THE TURBINE WAS RELATCHED AND CHANGES TO THE FEEDWATER CONTROL LOGIC WERE SUBSEQUENTLY MADE.
7	06/13/84	F	16.3	A	3				AUTO SCRAM OCCURRED ON LOW LEVEL DUE TO A LOSS OF FEEDWATER FOLLOWING CONDENSATE BOOSTER AND FEEDWATER PUMPS TRIPPING ON LOW SUCTION PRESSURE. THE LOW SUCTION PRESSURE WAS DUE TO THE CONDENSATE CLEANUP FLOW CONTROL VALVE FAILING TO OPEN WITH ONLY TWO CONDENSATE FILTER DEMINS. IN SERVICE. THE CAUSE FOR VALVE FAILURE WAS DETERMINED AND THE VALVE WAS REPAIRED. SEE LER 84-060.
8	06/19/84	S	0.4	B	4				THE GENERATOR WAS TRIPPED AS A PART OF THE POWER ASCENSION TEST PROGRAM. FOLLOWING THE TEST, THE GENERATOR WAS PLACED BACK ON LINE.
9	06/19/84	F	265.7	A	1				PLANT SHUTDOWN TO REPAIR A TURBINE BYPASS VALVE WHICH STUCK OPEN FOLLOWING A PLANNED TRIP OF THE GENERATOR. THE VALVE WAS REPAIRED, HOWEVER THE OUTAGE WAS EXTENDED DUE TO REPAIRS ON RHR PUMP "B".

SUMMARY

WNP-2 CONTINUES IN POWER ASCENSION AND TESTING.

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

****
* WASHINGTON NUCLEAR 2 *
****

FACILITY DATA

Report Period JUN 1984

FACILITY DESCRIPTION

LOCATION
STATE.....WASHINGTON

COUNTY.....BENTON

DIST AND DIRECTION FROM
NEAREST POPULATION CTR...30 MI NW OF
RICHLAND, WASH

TYPE OF REACTOR.....BWR

DATE INITIAL CRITICALITY...JANUARY 16, 1984

DATE ELEC ENER 1ST GENER...MAY 27, 1984

DATE COMMERCIAL OPERATE....**********

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.....R. FEIL

LICENSING PROJ MANAGER.....R. AULUCK
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 APRIL 1-30, 1984 (REPORT NO. 50-397/84-09) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF CONTROL ROOM OPERATIONS; ENGINEERED SAFETY FEATURE STATUS; SURVEILLANCE PROGRAM; MAINTENANCE PROGRAM; POWER ASCENSION TEST PROGRAM; LICENSEE EVENT REPORTS; SPECIAL INSPECTION TOPICS; AND LICENSEE ACTIONS ON PREVIOUS INSPECTION FINDINGS. THE INSPECTION INVOLVED 188 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS.

RESULTS: THREE ITEMS OF NONCOMPLIANCE WERE IDENTIFIED IN THE AREAS OF COMPLETENESS OF TEST PROCEDURES; CONTAINMENT ACCESS CONTROL ; AND DEVIATION FROM FIRE PROTECTION SYSTEM DRAWINGS

+ INSPECTION ON MAY 14-18, 1984 (REPORT NO. 50-397/84-10) AREAS INSPECTED: ANNOUNCED INSPECTION OF THE EMERGENCY PREPAREDNESS EXERCISE AND ASSOCIATED CRITIQUE. THE INSPECTION INVOLVED 175 INSPECTOR-HOURS ONSITE BY FOUR NRC INSPECTORS AND FOUR CONTRACTOR TEAM MEMBERS.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON APRIL 30 - MAY 4, 1984 (REPORT NO. 50-397/84-12) AREAS INSPECTED: ROUTINE, UNANNOUNED SAFETY INSPECTIONS OF SAFETY SYSTEM/ COMPONENT CALIBRATION AND FOLLOWUP OF PREVIOUS INSPECTION OPEN ITEMS; BULLETINS; CIRCULARS; AND TMI (NUREG-0737) ACTIVITIES. THE INSPECTION INVOLVED 26 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

INSPECTION SUMMARY

+ INSPECTION ON MAY 1 - JUNE 5, 1984 (REPORT NO. 50-397/84-13) AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION BY THE RESIDENT INSPECTORS OF CONTROL ROOM OPERATIONS; ENGINEERED SAFETY FEATURE STATUS; SURVEILLANCE PROGRAM; MAINTENANCE PROGRAM; POWER ASCENSION TEST PROGRAM; LICENSEE EVENT REPORTS; SPECIAL INSPECTION TOPICS; AND LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS. THE INSPECTION INVOLVED 143 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS.

RESULTS: TWO VIOLATIONS WERE IDENTIFIED IN THE AREAS OF EVENT REPORTING AND CLEARANCE ORDER ADMINISTRATIVE PROCEDURES.

+ INSPECTION ON JUNE 6-7, 1984 (REPORT NO. 50-397/84-14) AREAS INSPECTED: FOLLOWUP ON ITEM OF NONCOMPLIANCE, FACILITY ORGANIZATION AND OPERATIONS, RECORDS AND REPORTS. THE INSPECTION INVOLVED 7 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON MAY 29 - JUNE 8, 1984 (REPORT NO. 50-397/84-15) REPORT BEING PREPARED; TO BE REPORTED NEXT MONTH.

+ INSPECTION ON JUNE 13-15 AND 18, 1984 (REPORT NO. 50-397/84-16) AREAS INSPECTED: PROGRAM AUDIT; VITAL AREA BARRIERS; ACCESS CONTROL, PERSONNEL, PACKAGES, VEHICLES; ALARM STATIONS; COMMUNICATIONS; TRAINING AND QUALIFICATIONS; FOLLOWUP ON PREVIOUS INSPECTION FINDINGS; FOLLOWUP ON INFORMATION NOTICES; AND INDEPENDENT EFFORT. THE INSPECTION INVOLVED 28 INSPECTOR-HOURS ONSITE BY ONE NRC INSPECTOR.

RESULTS: NO ITEMS OF NONCOMPLIANCE OR DEVIATIONS WERE IDENTIFIED.

+ INSPECTION ON JUNE 5-8 AND JUNE 25-29, 1984 (REPORT NO. 50-397/84-17) AND IN OFFICE INSPECTION EFFORT JULY 1-5, 1984 AREAS INSPECTED: ROUTINE, UNANNOUNCED INSPECTION OF THE LICENSEE'S RESPONSE TO PREVIOUS VIOLATIONS AND INSPECTOR-IDENTIFIED ITEMS. COMPLIANCE WITH CONDITIONS OF MATERIALS LICENSE 46-17964-02 WAS ALSO EXAMINED. THE INSPECTION INVOLVED 75 INSPECTOR-HOURS ONSITE BY TWO NRC INSPECTORS AND 15 HOURS IN-OFFICE EXAMINATION.

RESULTS: OF THE AREAS INSPECTED, ONE ITEM OF NONCOMPLIANCE WAS IDENTIFIED IN ONE AREA (FAILURE TO MAINTAIN RECORDS OF QUARTERLY INVENTORIES OF LICENSED MATERIAL PURSUANT TO A LICENSE CONDITION).

+ INSPECTION ON JUNE 6-30, 1984 (REPORT NO. 50-397/84-18) 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:

OTHER ITEMS

NONE

PLANT STATUS:

MODE 4

LAST IE SITE INSPECTION DATE: 06/06-30/84+

INSPECTION REPORT NO: 50-397/84-18+

REPORTS FROM LICENSEE

NUMBER	DATE OF EVENT	DATE OF REPORT	SUBJECT
84-35-LO	04-20-84	- -	REACTOR WATER CLEANUP SYSTEM ISOLATES ON HIGH FLOW AT ALARM POINT
84-36-LO	04-23-84	- -	TEST EQUIPMENT IMPROPERLY INSTALLED IN FEEDWATER SYSTEM CAUSING A SCRAM
84-37-LO	04-11-84	- -	LOOSE PARTS MONITOR DETECTOR CHANNEL #6 DAMAGED DURING REMOVAL OF INSULATION AROUND DETECTOR
84-39-LO	04-26-84	05-23-84	CONTROL ROOM OUTSIDE AIR RAD MON SYSTEM SPIKES CAUSING ACTIVATION OF EMERGENCY FILTER UNITS
84-40-LO	05-10-84	- -	TECHNICIAN INSTALLED JUMPER INCORRECTLY LOCKING OUT HPCS DIESEL
84-41-LO	05-09-84	- -	DIESEL SURVEILLANCE PERFORMED WITHOUT PRE-LUBE WARMUP
84-42-LO	05-17-84	- -	SHUTDOWN DUE TO FEED PUMP SPEED CONTROL PROBLEMS

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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: 06/01/84 Outage + On-line Hrs: 720.0

3. Utility Contact: S. WHIPPLE (617) 872-8100

4. Licensed Thermal Power (MWt): 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	720.0	4,367.0	207,068.0
13. Hours Reactor Critical	575.2	2,553.6	164,077.9
14. Rx Reserve Shtdwn Hrs	.0	.0	.0
15. Hrs Generator On-Line	497.2	2,470.3	159,382.6
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	254,368	1,408,483	86,292,077
18. Gross Elec Ener (MWH)	77,089	432,398	26,155,256
19. Net Elec Ener (MWH)	71,725	405,813	24,473,402
20. Unit Service Factor	69.1	56.6	77.0
21. Unit Avail Factor	69.1	56.6	77.0
22. Unit Cap Factor (MDC Net)	59.7	55.4	72.8*
23. Unit Cap Factor (DER Net)	56.9	53.0	69.4*
24. Unit Forced Outage Rate	5.4	8.3	5.3
25. Forced Outage Hours	28.2	224.2	7,710.6

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

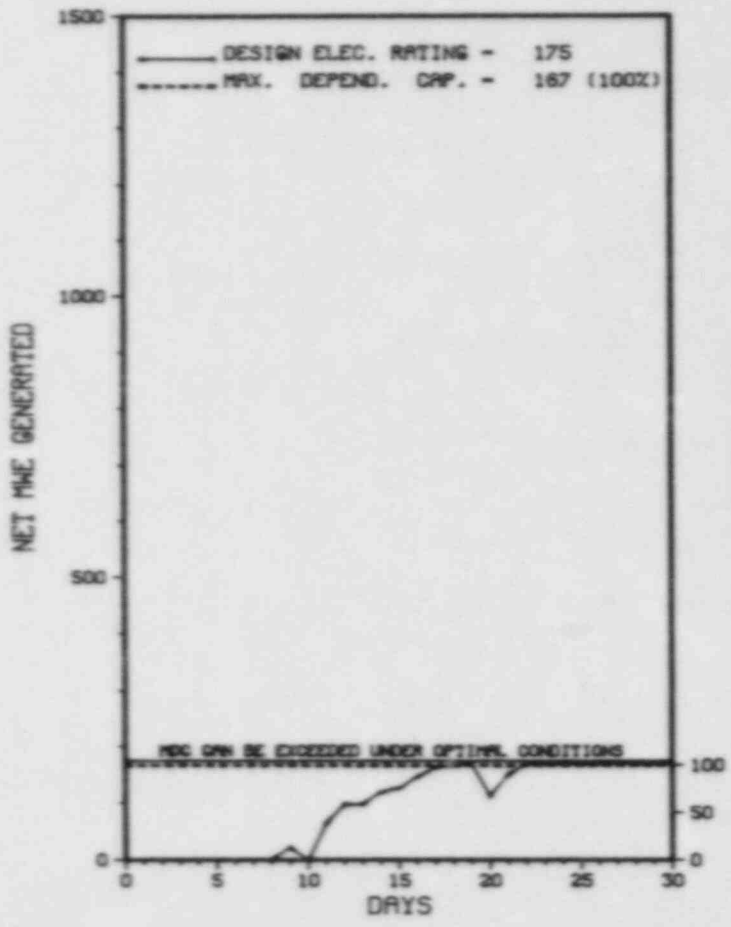
NONE

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

****
* YANKEE-ROWE 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

YANKEE-ROWE 1



JUNE 1984

* Item calculated with a Weighted Average

Report Period JUN 1984 U N S H U T D O W N S / R E D U C T I O N S

****
* YANKEE-ROWE 1 *
****

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
84-3	03/31/84	S	194.6	C	4		RC	FUELXX	REFUELING AND MAINTENANCE OUTAGE CONCLUDES.
84-4	06/09/84	F	28.2	A	1				THE GOVERNOR IMPELLED DISCHARGE PRESSURE WAS LOW AND ADMINISTRATION DECIDED TO CORRECT THE PROBLEM BEFORE WESTINGHOUSE DEPARTED FROM THE SITE.
84-5	06/20/84	F	0.0	A	5				THE #2 HEATER DRAIN PUMP SHOWED LOW AMPS AND #2 STEAM EXTRACTION POINT STEAM TO #2 FEEDWATER HEATER LEAK NEEDED TO BE PATCHED. POWER REDUCTION TO 118 MWE.

****
* SUMMARY *
****

YANKEE ROWE INCURRED 2 SHUTDOWNS FOLLOWING RETURN TO POWER FROM REFUELING ON JUNE 8.

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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* YANKEE-ROWE 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....P. ERICKSON
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.

****
* 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.

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: 50-295 O P E R A T I N G S T A T U S
2. Reporting Period: 06/01/84 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	720.0	4,367.0	92,039.0
13. Hours Reactor Critical	720.0	3,405.4	65,481.5
14. Rx Reserve Shtdwn Hrs	.0	.0	2,621.8
15. Hrs Generator On-Line	720.0	3,290.1	63,758.4
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	2,322,645	10,190,823	180,112,306
18. Gross Elec Ener (MWH)	761,041	3,343,269	58,063,148
19. Net Elec Ener (MWH)	733,449	3,214,378	55,117,683
20. Unit Service Factor	100.0	75.3	69.3
21. Unit Avail Factor	100.0	75.3	69.3
22. Unit Cap Factor (MDC Net)	97.9	70.8	57.6
23. Unit Cap Factor (DER Net)	97.9	70.8	57.6
24. Unit Forced Outage Rate	.0	15.5	13.4
25. Forced Outage Hours	.0	604.4	9,216.4

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

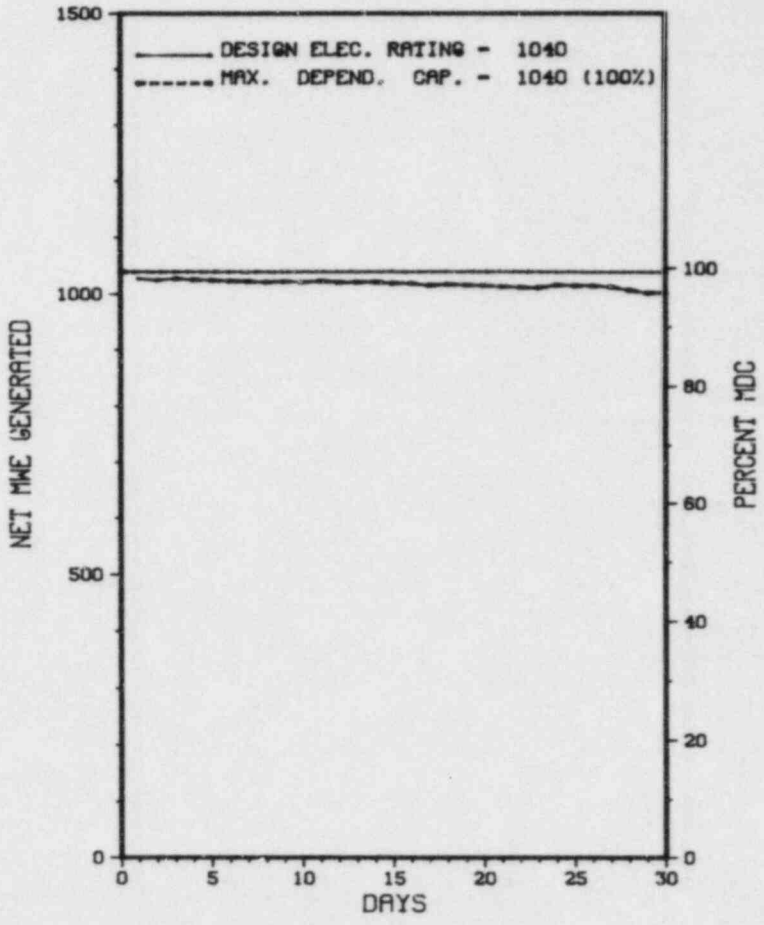
REFUELING & MAINTENANCE - 11/26/84

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

****
* ZION 1 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ZION 1



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

ZION 1

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

SUMMARY

ZION 1 EXPERIENCED NO SHUTDOWNS OR POWER REDUCTIONS IN 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 & License Examination		5-Reduced Load	Licensee Event Report
			9-Other	(LER) File (NUREG-0161)

****
* ZION 1 *
****

FACILITY DATA

Report Period JUN 1984

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.....J. WATERS

LICENSING PROJ MANAGER.....J. NORRIS
DOCKET NUMBER.....50-295

LICENSE & DATE ISSUANCE....DPR-39, OCTOBER 19, 1973

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ZION, ILLINOIS 60099

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS:

THE PLANT IS OPERATING ROUTINELY.

LAST IE SITE INSPECTION DATE: JUNE 4-8, 1984

INSPECTION REPORT NO: 84-09

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
84-13	04/02/84	06/01/84	MISSED SURVEILLANCE ON ORT-PR25 TURBINE BLDG FIRE SUMP RADIATION MONITOR.
84-14	05/16/84	06/15/84	FAILURE OF MISC. VENT STACK MONITOR ORT PR18A DURING CONT. VENT.

1. Docket: 50-304 O P E R A T I N G S T A T U S

2. Reporting Period: 06/01/84 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	720.0	4,367.0	85,752.0
13. Hours Reactor Critical	.0	2,032.0	61,257.0
14. Rx Reserve Shtdwn Hrs	.0	.0	226.1
15. Hrs Generator On-Line	.0	2,017.6	59,544.1
16. Unit Reserve Shtdwn Hrs	.0	.0	.0
17. Gross Therm Ener (MWH)	0	6,204,923	171,121,006
18. Gross Elec Ener (MWH)	0	2,029,823	54,733,860
19. Net Elec Ener (MWH)	-5,698	1,930,558	52,007,503
20. Unit Service Factor	.0	46.2	69.4
21. Unit Avail Factor	.0	46.2	69.4
22. Unit Cap Factor (MDC Net)	.0	42.5	58.3
23. Unit Cap Factor (DER Net)	.0	42.5	58.3
24. Unit Forced Outage Rate	100.0	19.2	17.7
25. Forced Outage Hours	431.9	480.1	12,856.8

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

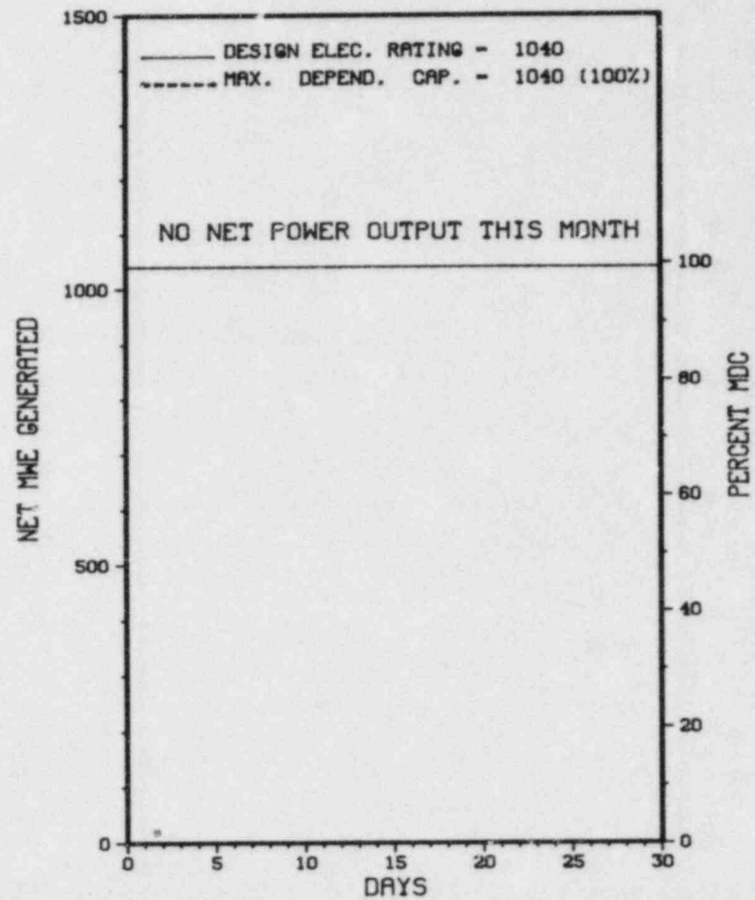
NONE

27. If Currently Shutdown Estimated Startup Date: 07/04/84

****
* ZION 2 *
****

AVERAGE DAILY POWER LEVEL (MWe) PLOT

ZION 2



JUNE 1984

Report Period JUN 1984

UNIT SHUTDOWNS / REDUCTIONS

ZION 2

No.	Date	Type	Hours	Reason	Method	LER Number	System	Component	Cause & Corrective Action to Prevent Recurrence
3	03/27/84	S	288.1	C	4		RC	FUELXX	CONTINUED CYCLE VII-VIII REFUELING OUTAGE.
4	06/13/84	F	431.9	H	4				ENVIRONMENTAL QUALIFICATION MODIFICATION.

SUMMARY

ZION 2 COMPLETED A SHUTDOWN FOR REFUELING AND REMAINS SHUT DOWN FOR ENVIRONMENTAL QUALIFICATION MODIFICATIONS.

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

****
* ZION 2 *
****

FACILITY DATA

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.....NONE

REGULATORY INFORMATION

IE REGION RESPONSIBLE.....III

IE RESIDENT INSPECTOR.....J. WATERS

LICENSING PROJ MANAGER.....J. NORRIS
DOCKET NUMBER.....50-304

LICENSE & DATE ISSUANCE....DPR-48, NOVEMBER 14, 1973

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ZION, ILLINOIS 60099

INSPECTION STATUS

INSPECTION SUMMARY

NO INSPECTION SUMMARIES RECEIVED FOR THIS TIME PERIOD.

ENFORCEMENT SUMMARY

NONE

OTHER ITEMS

SYSTEMS AND COMPONENT PROBLEMS:

NONE

FACILITY ITEMS (PLANS AND PROCEDURES):

NONE

OTHER ITEMS

MANAGERIAL ITEMS:

NONE

PLANT STATUS

THE PLANT IS IN HOT SHUTDOWN, COMING OUT OF REFUELING/MAINTENANCE OUTAGE.

LAST IE SITE INSPECTION DATE: JUNE 4-8, 1984

INSPECTION REPORT NO: 84-09

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
84-12	04/20/84	06/06/84	FAILURE TO TEST OPERABILITY OF CONTAINMENT PURGE AND VENT ISOLATION SYSTEMS.

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SECTION 3

APPENDIX

STATUS OF SPENT FUEL STORAGE CAPABILITY

PRESSURIZED 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	316	672		N/S	1998
ARKANSAS 2	177	988	168	820		N/S	2003
BEAVER VALLEY 1	157	833	52	781		N/S	1995
CALVERT CLIFFS 1	217	1830(c)	868(c)	961(c)(m)	1098	03-85	1991
CALVERT CLIFFS 2	217					N/S	1991
COOK 1	193	2050(c)	553(c)	1497(c)		N/S	1994
COOK 2	193					N/S	
CRYSTAL RIVER 3	177	1163	171	992		N/S	1997
DAVIS-BESSE 1	177	735	140	595		N/S	1993
DIABLO CANYON 1							
FARLEY 1	157	675	114	561	1293	N/S	1991
FARLEY 2	157	675	62	613	1345	N/S	1994
FORT CALHOUN 1	133	729	305	0		N/S	1985
GINNA	121	595	340	255		N/S	1992
HADDAM NECK	157	1168	493	675		06-84	1994
INDIAN POINT 1	0	288	160	128		N/S	
INDIAN POINT 2	193	482	268	214	980	05-84	1984
INDIAN POINT 3	193	837	140	697		N/S	1993
KEWAUNEE	121	990	268	722(m)		N/S	1991
MAINE YANKEE	217	953	577	376	1678	N/S	1987
MCGUIRE 1	193	500	95	405(n)	1344	N/S	1990
MCGUIRE 2							
MILLSTONE 2	217	667	376	291		N/S	1987
NORTH ANNA 1	157	966(c)	116(c)	850		05-84	1991
NORTH ANNA 2	157					08-84	1990
OCONEE 1	177	1312(1)	1123	189(1)(n)		N/S	1991
OCONEE 2	177					N/S	
OCONEE 3	177	825	72	753		N/S	
PALISADES	204	784	480	304		N/S	1988
POINT BEACH 1	121	1058(c)	484(c)	1078(c)		N/S	1995
POINT BEACH 2	121					N/S	
PRAIRIE ISLAND 1	121	1017(c)	561(c)	456(c)(m)	720	N/S	1988
PRAIRIE ISLAND 2	121					08-84	
RANCHO SECO 1	177	579	280	299		10-84	1987
ROBINSON 2	157	276	152	124(e)	431	N/S	1985(g)
SALEM 1	193	1170	212	958		05-84	1996
SALEM 2	193	1170	72	1098		N/S	2000
SAN ONOFRE 1	157	216	94	122		N/S	1985
SAN ONOFRE 2	217	800	0	800		N/S	
SAN ONOFRE 3	217	800	0	800		N/S	
SEQUOYAH 1	193	800	65	735		N/S	1993
SEQUOYAH 2(d)	193	800	65	735		N/S	1994
ST LUCIE 1	217	728	352	376		N/S	1990
ST LUCIE 2							
SUMMER 1	157	682	0	682	1276	N/S	
SURRY 1	157	1044(c)	556(c)	484(c)		N/S	1987
SURRY 2	157					N/S	

STATUS OF SPENT FUEL STORAGE CAPABILITY

PRESSURIZED 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
THREE MILE ISLAND 1	177	752	208	544		N/S	1986
THREE MILE ISLAND 2	177	442	0	442		N/S	1986
TROJAN	193	651	312	339		N/S	1990
TURKEY POINT 3	157	621	445	175(m)		N/S	1987
TURKEY POINT 4	157	621	430	191		N/S	1988
YANKEE-ROWE 1	76	391	250	141	471	N/S	1988
ZION 1	193	2112(c)	863(c)	1249(c)		N/S	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 PWRassemblies 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 WATER REACTORS	STATUS OF SPENT FUEL STORAGE CAPABILITY						
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
BIG ROCK POINT 1	84	193	152	41	289	08-84	1986
BROWNS FERRY 1	764	3471	1068	2403		07-84	1985
BROWNS FERRY 2	764	3471	889	601(m)	2582	08-84	1985
BROWNS FERRY 3	764	3471	1768	150(m)	1703	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	848	1518		N/S	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	576	1474		N/S	1998
FITZPATRICK	560	2244	816	1428		N/S	1991
HATCH 1	560	3021	0	3021		N/S	1999
HATCH 2	560	2750	1284	1466		N/S	1999
HUMBOLDT BAY	172	487	251	236		N/S	
LA CROSSE	72	440	207	233		N/S	1990
LASALLE 1							
LASALLE 2							
MILLSTONE 1	580	2184	1281	903		N/S	1991
MONTICELLO	484	2237	1137	1100		N/S	1991
NINE MILE POINT 1	532	1984	1177	807	1788	N/S	1990
OYSTER CREEK 1	560	1800	1375	425	1225	N/S	1987
PEACH BOTTOM 2	764	2816	1361	1455		N/S	1990
PEACH BOTTOM 3	764	2816	1212	1604		N/S	1991

STATUS OF SPENT FUEL STORAGE CAPABILITY

BOILING 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
PILGRIM 1	580	2320	1708	62(m)		N/S	1990
QUAD CITIES 1	724	3657	1730	1927		N/S	2003
QUAD CITIES 2	724	3897	412	3485		N/S	2003
SUSQUEHANNA 1	764	2840	0	2840		N/S	1997
VERMONT YANKEE 1	368	2000	1082	918		06-84	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 PWRassemblies 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 *	9.92	08/01/74	ARKANSAS 1
* OPERATING *	21.56	12/08/62	BIG ROCK POINT 1
* ELECTRICAL *	7.80	09/12/76	BROWNS FERRY 3
* PRODUCING *	9.49	01/03/75	CALVERT CLIFFS 1
* UNITS *	6.28	03/22/78	COOK 2
**********	6.84	08/28/77	DAVIS-BESSE 1
	10.12	05/19/74	DUANE ARNOLD
	9.41	02/01/75	FITZPATRICK
	14.38	12/02/69	GINNA
	5.77	09/22/78	HATCH 2
	10.23	04/08/74	KEWAUNEE
	.20	04/20/84	LASALLE 2
	1.11	05/23/83	MCGUIRE 2
	13.33	03/05/71	MONTICELLO
	3.85	08/25/80	NORTH ANNA 2
	9.83	09/01/74	OCONEE 3
	10.37	02/18/74	PEACH BOTTOM 2
	13.65	11/06/70	POINT BEACH 1
	9.53	12/21/74	PRAIRIE ISLAND 2
	9.72	10/13/74	RANCHO SECO 1
	3.08	06/03/81	SALEM 2
	.77	09/25/83	SAN ONOFRE 3
	8.15	05/07/76	ST LUCIE 1
	11.99	07/04/72	SURRY 1
	10.03	06/19/74	THREE MILE ISLAND 1
	11.03	06/21/73	TURKEY POINT 4
	23.64	11/10/60	YANKEE-ROWE 1
	5.51	12/26/78	ARKANSAS 2
	10.71	10/15/73	BROWNS FERRY 1
	7.57	12/04/76	BRUNSWICK 1
	7.56	12/07/76	CALVERT CLIFFS 2
	10.14	05/10/74	COOPER STATION
	14.22	04/13/70	DRESDEN 2
	6.87	08/18/77	FARLEY 1
	10.85	08/25/73	FORT CALHOUN 1
	16.90	08/07/67	HADDAM NECK
	11.01	06/26/73	INDIAN POINT 2
	16.18	04/26/68	LA CROSSE
	11.64	11/08/72	MAINE YANKEE
	13.59	11/29/70	MILLSTONE 1
	14.64	11/09/69	NINE MILE POINT 1
	11.15	05/06/73	OCONEE 1
	14.77	09/23/69	OYSTER CREEK 1
	9.83	09/01/74	PEACH BOTTOM 3
	11.91	08/02/72	POINT BEACH 2
	12.22	04/12/72	QUAD CITIES 1
	13.76	09/26/70	ROBINSON 2
	16.96	07/16/67	SAN ONOFRE 1
	3.94	07/22/80	SEQUOYAH 1
	1.05	06/13/83	ST LUCIE 2
	11.31	03/10/73	SURRY 2
	8.52	12/23/75	TROJAN
	11.78	09/20/72	VERMONT YANKEE 1
	11.01	06/28/73	ZION 1
	8.05	06/14/76	BEAVER VALLEY 1
	9.84	08/28/74	BROWNS FERRY 2
	9.17	04/29/75	BRUNSWICK 2
	9.39	02/10/75	COOK 1
	7.42	01/30/77	CRYSTAL RIVER 3
	12.94	07/22/71	DRESDEN 3
	3.10	05/25/81	FARLEY 2
	7.55	12/11/76	FORT ST VRAIN
	9.64	11/11/74	HATCH 1
	8.18	04/27/76	INDIAN POINT 3
	1.82	09/04/82	LASALLE 1
	3.00	06/30/81	MCGUIRE 1
	8.64	11/09/75	MILLSTONE 2
	6.21	04/17/78	NORTH ANNA 1
	10.57	12/05/73	OCONEE 2
	12.50	12/31/71	PALISADES
	11.95	07/19/72	PILGRIM 1
	10.57	12/04/73	PRAIRIE ISLAND 1
	12.11	05/23/72	QUAD CITIES 2
	7.52	12/25/76	SALEM 1
	1.78	09/20/82	SAN ONOFRE 2
	2.52	12/23/81	SEQUOYAH 2
	1.62	11/16/82	SUMMER 1
	1.62	11/16/82	SUSQUEHANNA 1
	11.66	11/02/72	TURKEY POINT 3
	.10	05/27/84	WASHINGTON NUCLEAR 2
	10.51	12/26/73	ZION 2

TOTAL 747.90 YRS

	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
	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

TOTAL 74.77 YRS

The total reactor years of experience is as the sum of all calendar days for each unit, from the date that electricity was first generated until a final shutdown date or the status date, whichever comes first, divided by 365.25 days/year. If a date is unknown, the first day of the first month of operation is substituted. Units which have not yet generated electricity but which are licensed are listed but not included in the computation.

****
* RESEARCH *
* REACTORS *
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NON-POWER REACTORS IN THE U.S.

STATE	CITY	LICENSEE	REACTOR TYPE	DOCKET	LICENSE NUMBER	DATE OL 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

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* RESEARCH *
* REACTORS *
****

NON-POWER REACTORS IN THE U.S.

STATE	CITY	LICENSEE	REACTOR TYPE	DOCKET	LICENSE NUMBER	DATE OL ISSUED	AUTHORIZED POWER LEVEL (KW)
MASSACHUSETTS	CAMBRIDGE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	HWR REFLECTED	50-020	R-37	06-09-58	5000.0
	LOWELL	UNIVERSITY OF LOWELL	GE	50-223	R-125	12-24-74	1000.0
	WORCESTER	WORCESTER POLYTECHNIC INSTITUTE	GE	50-134	R-61	12-16-59	10.0
MICHIGAN	ANN ARBOR	UNIVERSITY OF MICHIGAN	POOL	50-002	R-28	09-13-57	2000.0
	EAST LANSING	MICHIGAN STATE UNIVERSITY	TRIGA MARK I	50-294	R-114	03-21-69	250.0
	MIDLAND	DOW CHEMICAL COMPANY	TRIGA	50-264	R-108	07-03-67	100.0
MISSOURI	COLUMBIA	UNIVERSITY OF MISSOURI, COLUMBIA	TANK	50-186	R-103	10-11-66	10000.0
	ROLLA	UNIVERSITY OF MISSOURI	POOL	50-123	R-79	11-21-61	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	MANHATTAN COLLEGE - PYHSICS DEPT.	TANK	50-199	R-94	03-24-64	0.0001
	BUFFALO	STATE UNIVERSITY OF NEW YORK	PULSTAR	50-057	R-77	03-24-61	2000.0
	ITHACA	CORNELL UNIVERSITY	TRIGA MARK II	50-157	R-80	01-11-62	500.0
	ITHACA	CORNELL UNIVERSITY	ZPR	50-097	R-89	12-11-62	0.1
	NEW YORK	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	TRIGA MARK II	50-208	R-128	04-14-77	250.0
	TUXEDO	UNION CARBIDE CORP	POOL	50-054	R-81	09-07-61	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	OREGON STATE UNIVERSITY	TRIGA MARK II	50-243	R-106	03-07-67	1000.0
	PORTLAND	REED COLLEGE	TRIGA MARK I	50-288	R-112	07-02-68	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	UNIVERSITY OF TEXAS	TRIGA MARK I	50-192	R-92	08-02-63	250.0
	COLLEGE STATION	TEXAS A&M UNIVERSITY	AGN-201M #106	50-059	R-23	08-26-57	0.005
	COLLEGE STATION	TEXAS A&M UNIVERSITY	TRIGA	50-128	*R-83	12-07-61	1000.0
UTAH	PROVO	BRIGHAM YOUNG UNIVERSITY	L-77	50-262	R-109	09-07-67	0.01

NON-POWER REACTORS IN THE U.S.

*** RESEARCH REACTORS ***

STATE	CITY	LICENSEE	REACTOR TYPE	DOCKET	LICENSE NUMBER	DATE OL 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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Status Summary Report

14 ABSTRACT (200 words or less)

The OPERATING UNITS STATUS REPORT - LICENSED OPERATING REACTORS 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. The three sections of the report are: monthly highlights and statistics for commercial operating units, and errata from previously reported data; a compilation of detailed information on each unit, provided by NRC's Regional Offices, IE Headquarters and the utilities; and an appendix for miscellaneous information such as spent fuel storage capability, reactor-years of experience and non-power reactors in the U.S. It is hoped the report is helpful to all agencies and individuals interested in maintaining an awareness of the U.S. energy situation as a whole.

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