

Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

July 13, 1990

U.S. Nuclear Regulatory Commission Document Control Desk Washington, DC 20555

Dear Sir:

MONTHLY OPERATING REPORT SALEM NO. 2 DOCKET NO. 50-311

In compliance with Section 6.9.1.6, Reporting Requirements for the Salem Technical Specifications, the original copy of the monthly operating reports for the month of June 1990 are being sent to you.

> Average Daily Unit Power Level Operating Data Report Unit Shutdowns and Power Reductions Safety Related Maintenance Major Plant Modifications Operating Summary Refueling Information

> > Sincerely yours,

Doliggi for L. J. Miller

L. K. Miller General Manager -Salem Operations

RH:pc

Mr. Thomas T. Martin cc: Regional Administrator USNRC Region I 631 Park Avenue King of Prussia, PA 19046

Enclosures

8-1-7.R4

9007190274 900630 PDR ADOCK 05000311

The Energy People

AVERAGE DAILY UNIT POWER LEVEL

Docket No.	50-311
Unit Name	Salem # 2
Date	07-10-90
Completed by	Art Orticelle
Telephone	609-339-2122

Month JUNE, 1990

Day Average Daily Power Level (MWe-NET)

Day Average Daily Power Level (MWe-NET)

1	0	17	0
2	0	18	0
3	0	19	0
4	00	20	0
5	00	21	0
6	0	22	0
7	0	23	
8	00	24	73
9	0	25	325
10	0	26	298
11	0	27	317
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
16	0		

CORRECTED OPERATING DATA REPORT

Com	pleted by: <u>Art Orticelle</u>	Docket No Date: Telephone	$\begin{array}{c} 50-311\\ 07-10-90\\ 609-339- \end{array}$	<u>)</u> -2122
<u>Ope</u>	rating Status			
1. 2. 3. 4. 5. 6. 7. 8.	Unit Name	<u>Salem No. 2</u> <u>ine 1990</u> <u>3411</u> <u>1170</u> e) <u>1115</u> s MWe) <u>1149</u> MWe) <u>1106</u> ings (items 3	<u>Notes</u> through 7) si	ince Last
9.	Power Level to Which Restricted,	if any (Net M	MWe) <u>N/A</u>	
10.	Reasons for Restrictions, if any	<u>N/A</u>		
	· · · · · · · · · · · · · · · · · · ·	This Month	Year to Date	Cumulative
11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24.	Hours in Reporting Period No. of Hrs. Reactor was Critical Reactor Reserve Shutdown Hrs. Hours Generator On-Line Unit Reserve Shutdown Hours Gross Thermal Energy Generated (MWH) Gross Elec. Energy Generated (MWH) Net Elec. Energy Generated (MWH) Unit Service Factor Unit Availability Factor Unit Capacity Factor (using MDC Net) Unit Capacity Factor (using DER Net) Unit Forced Outage Rate Shutdowns scheduled over next 6 m	720 145.3 0 82.2 0 125880 28390 11491 11.4 11.4 1.4 1.4 45.0 months (type,	$ \begin{array}{r} $	$ \begin{array}{r} 76392 \\ 48145 \\ 0 \\ 46601.5 \\ 0 \\ 95733421.0 \\ 48313322 \\ 45951890 \\ 61 \\ 61 \\ 54.4 \\ 53.9 \\ 25.4 \\ ation of each) $
25.	If shutdown at end of Report Peri	iod, Estimated	l Date of Star	tup:
	7/24/90			

8-1-7.R2

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UNIT SHUTDOWN AND POWER REDUCTIONS REPORT MONTH JUNE 1990

DOCKET NO.: 50-311 UNIT NAME: Salem #2 DATE: 07-10-90 COMPLETED BY: Art Orticelle TELEPHONE: 339-2122

NO.	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR	LICENSE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
0050	06/01/90	PO	558.3	С	4		RC	FUELXX	REFUELING
0051	06/24/90	MO	.6	В	1		CC	TURBIN	TURBINE TRIP TEST
0052	06/26/90	บา	7.5	A	1	·	cc	VALVEX	#24 GOV. VALVE
0053	06/28/90	บ1	59.8	A	3		EB	TRANSF	2F 460/230V TRANSFORMER
0054	06/30/90	MO	11.6	A	4		CD	INSTRU	21, 22, 23, & 24 MS167 CONTROLS
			· · · ·			· · ·			
									· · · · · · · · · · · · · · · · · · ·
							1		
i			7						
								*	
1 F S	: Forced : Scheduled	2 Reaso A-Equ B-Ma C-Ret D-Re E-Opo F-Adı G-Opo H-Otl	on: nipment Failun intenance or ' fueling gulatory Rest erator Trainin ninistrative erational Erro her (Explain)	re (Explain) Test riction ng & License or (Explain)	Examination	3 Method: 1-Manual 2-Manual 3-Automat: 4-Continua Previous 5-Load Rea 9-Other	Scram ic Scram ation of s Outage duction	4 Exhibit G - I for Preparati Entry Sheets Event Report (NUREG-0161)	5 nstructions Exhibit 1 - Same on of Data Source for Licensee (LER) File

SAFETY RELA MONTH: - JU	TED MAINE 1990	INTENANCE)	DOCKET NO: UNIT NAME: DATE: COMPLETED BY: TELEPHONE:	50-311 SALEM 2 JULY 10, 1990 M. MORRONI (609) 339-2068
WO NO	UNIT	EQ	UIPMENT IDENTIF	ICATION
890104136	2	PNL 689-2C MN STM 23M	15169	
		FAILURE DESCRIPTION:	REDUNDANT AIR	LEAKS - REPAIR
890104158	2	PNL 689-2A MN STM 21M	15169	
		FAILURE DESCRIPTION:	SWITCHING VALV	E AIR LEAK - REP
890728121	2	CONTROL ROOM MODS		
		FAILURE DESCRIPTION:	INSTALL DCP 2S ROOM MODIFICAT	C-2154 - CONTRON PIONS
900206243	2	VALVE 21SJ43		
		FAILURE DESCRIPTION:	VALVE LEAKS TH INSPECT	IROUGH - OPEN &
900318010	2	24BF19-24 SG FD CON1	ROL VLV PNL REG	ULATOR 702D
		FAILURE DESCRIPTION:	REPLACE REGULA	TOR IN PANEL
900422071	2	LETDOWN FLOW INDICATI		
		FAILURE DESCRIPTION:	INDICATION FAI TROUBLESHOOT &	LED LOW - REWORK
900430099	2	2B DIESEL GENERATOR 1	INDICATION	
		FAILURE DESCRIPTION:	FREQUENCY INDI WITH NO CHANGE	CATION SHOWING (DURING LOADED)

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SAFETY REL <i>1</i> MONTH: - JU	ATED MAI JNE 1990	NTENANCE (cont'd)	DOCKET NO: UNIT NAME: DATE: COMPLETED BY: TELEPHONE:	50-311 SALEM 2 JULY 10, 1990 M. MORRONI (609) 339-2068
WO NO	UNIT	ЕQ	UIPMENT IDENTIF	TCATION
900504123	2	22 CHARGING PUMP FAILURE DESCRIPTION:	REWELD ALIGNME CENTERING PIN	NT PIN AND BLOCK
900507095	2	VALVE 2VC5 FAILURE DESCRIPTION:	VALVE LEAKS PA REMOVE AND REF	AST SEAT AND PINS - PAIR
900515134	2	VALVE 2CV11 FAILURE DESCRIPTION:	VALVE LEAKS TH INTERNALS	IROUGH - REPLACE
900515209	2	2LT504/24 SG LEVEL SE FAILURE DESCRIPTION:	NSING LINE SG LEVEL SENSI - REPAIR TUBIN	ING LINE 2LT504 BENT IG AT ROOT VALVE
900501052	2	CABLE SEPARATION CRIT	ERIA CORRECT CABLE DISCREPANCIES	SEPARATION CRITERIA
900619176	2	28VDC FIRE PROTECTION FAILURE DESCRIPTION:	CIRCUIT 28VDC GROUND C CIRCUIT - INVE	ON FIRE PROTECTION STIGATE & REPAIR
910318017	2	2RC40 RX HEAD VENT VA FAILURE DESCRIPTION:	LVE REPLACE RELAYS	S AND "O" RING

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MAJOR PLANT M MONTH: - JUNE	ODIFICATIONS 1990	DOCKET NO: UNIT NAME: DATE: COMPLETED BY: TELEPHONE:	50-311 SALEM 2 JULY 10, 1990 M. MORRONI (609) 339-2068
*DCR PRINCIPAL SYSTEM		DESCF	RIPTION

None for the period.

SALEM GENERATING STATION MONTHLY OPERATING SUMMARY - UNIT 2 JUNE 1990

SALEM UNIT NO. 2

The Unit entered the period shutdown for a refueling outage. Following completion of maintenance and testing activities, the Unit was synchronized to the grid on June 24, 1990. During the power ascension, a leak developed on the Turbine/Generator Electro-Hydraulic Control (EHC) system. The Turbine/Generator was briefly removed from service on June 26, 1990 to repair the leak. The Unit was returned to service on June 27, 1990, and a power escalation commenced. The Unit experienced a Reactor Trip on June 28, 1990, due to the failure of 2F 460V transformer. The Unit remained shutdown through the rest of the period for replacement of the transformer and Main Steam Isolation Valve testing and control circuit modifications.

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REF MON	UELING INFORMATION TH: - JUNE 1990	DOCKET NO: 5 UNIT NAME: S DATE: J COMPLETED BY: M TELEPHONE: (0-311 ALEM 2 ULY 10, 1990 M. MORRONI 609) 339-2068
MON	TH JUNE 1990		
1.	Refueling information has changed fro YES <u>x</u> NO	om last month:	
2.	Scheduled date for next refueling:	October 12, 1991	<u></u>
3.	Scheduled date for restart following	refueling: <u>Dec</u>	ember 15, 1990
4.	a) Will Technical Specification chan be required?: YES NO	nges or other lic	ense amendments
	NOT DETERMINED TO DAT	2 <u>x</u>	
	b) Has the reload fuel design been : Review Committee?: YES NO	reviewed by the S	Station Operating
	If no, when is it sche	eduled?: <u>Septemb</u>	<u>ber 1991</u>
5.	Scheduled date(s) for submitting prop N/A	posed licensing a	action:
6.	Important licensing considerations a	ssociated with re	fueling:
7.	Number of Fuel Assemblies:		
	a. Incore b. In Spent Fuel Storage		<u> 193 </u>
8.	Present licensed spent fuel storage	capacity:	1170
	Future spent fuel storage capacity:		1170
9.	Date of last refueling that can be d to the spent fuel pool assuming the p licensed capacity:	ischarged present	March 2003

8-1-7.R4
