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July 1, 1969

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TITLE

REACTOR OPERATIONS DAILY REPORTS

7-1-69 THROUGH 6-30-70

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7-1-69 THROUGH 6-30-70

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Page 3

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3920	3525	7445	REACTOR 3400 WPPS 650
2. MAX POWER LEVEL - MW		3920	3050	6970	3000
3. INPUT PRODUCTION - MWD		3920	1048	4968	674
4. OUTAGE HOURS		0	13.3	13.3	14.4
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0	61.3
	KMWD	75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D	100.0	45.0	72.5	40.0
	30 DAY AVG.	91.1	74.9	83.0	57.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		+1.5	-1.9	-0.4	-1.6
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	-	N.E.
9. ESTIMATED STARTUP TIME	DATE HOUR				
10. FUEL FAILURES- M-T-D	NAT. ENR.	0 0	0 0	0 0	0
11. WATER LEAKS- M-T-D	TUBE V.S.	0 0	0 0	0 0	MSH - PSIG 117
12. WATER TEMP. AT 2330 HRS.	INLET OUTLET	16.8 94.8	16.7 75.8	- -	MLBS/HR. STEAM PRODUCED 2,298 STEAM EXPORTED 1,304
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		190.0	192.0	382.0	KWH OUTPUT 23.5 x 10 ⁵ M-T-D KWH OUTPUT 23.5 x 10 ⁵
14. PEAK ELECT. DEMAND - MW		158.5			

KW-Reactor resumed operation at 1315 hours concluding an unexplained panellit trip.

N-Reactor resumed operation at 1422 hours concluding a fuel element failure removal.

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	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3900	3825	7725	REACTOR 4888 WPPS
2. MAX POWER LEVEL - MW		3920	3735	7655	3900
3. INPUT PRODUCTION - MWD		3914	3482	7396	3500
4. OUTAGE HOURS		0	0	0	0
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		100.0	72.3	86.1	70.0
30 DAY AVG.		91.1	74.8	83.0	57.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		+2.9	-1.3	+1.6	-0.5
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	-	N.E.
9. ESTIMATED STARTUP TIME DATE					
HOUR					
10. FUEL FAILURES- NAT.		0	0	0	
M-T-D ENR.		0	0	0	
11. WATER LEAKS- TUBE		0	0	0	
M-T-D V.S.		0	0	0	
12. WATER TEMP. INLET		17.0	16.8	-	
AT 2330 HRS. OUTLET		94.7	89.8	-	
13. REACTOR WATER FLOW RATE		190.0	192.5	382.5	
AT 2330 - GPM ÷ 1000					
14. PEAK ELECT. DEMAND - MW	159.2				

MSH - PSIG

125

STEAM PRODUCED

11 958

STEAM EXPORTED

11 249

KWH OUTPUT

185.0 x 10⁵

M-T-D KWH OUTPUT

208.5 x 10⁵

MLBS/HR.
185 N

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REACTOR OPERATIONS DAILY REPORT

7-3-69

		KE	KW	TOTAL	N
1. REACTOR POWER		0	3870	3870	REACTOR 4000
2. FUEL ELEMENTS					WPPS 800
3. REACTOR POWER - MW		3900	3855	7755	4000
4. REACTOR POWER - MW		2255	3822	6077	3994
5. OUTAGE HOURS		10.0	0	10.0	0
6. FORECAST FOR MO.	TDE				
	KMWD				
7. TIME OPER. EFF.	M-T-D				
	30 DAY AVG.				
8. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD					
9. REACTOR LIMITING POWER LEVEL			N.E.	--	ADM
10. ESTIMATED STARTUP TIME	DATE				
	HOUR				
11. FUEL FAILURES	NAT.				
	ENR.				
12. WATER LEAKS	TUBE				
	VOL.				
13. WATER COOL		19.0	16.8		MSH - PSIG 127
14. AIR FLOW		6.0	92.1		STEAM INJECTED 12,100
15. RIA OF REACTOR		19.3	193.0	208.3	STEAM EXPORTED 12,272
16. PEAK ELECT. DEMAND - MW	159.2				KWH OUTPUT 102.4 x 10 ⁵
					NET DRY WEIGHT 389.9 x 10 ³

RE - Reactor shut down at 1400 hours due to an enriched fuel element failure in tube 3457 charge under PTA-159.

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REACTOR OPERATIONS DAILY REPORT

7-4-69

	KE	KW	TOTAL	N
1. REACTOR POWER	C	3910	3910	REACTOR 4000
2. REACTOR POWER	0	3900	3900	WPPS 800
3. REACTOR POWER	0	3879	3879	4000
4. OUTAGE HOURS	24.0	0	24.0	4000
5. FORECAST FOR MO.	TOE			0
	KMWD			
6. TIME OPER. EFF.	M-T-D			
	30 DAY AVG.			
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD				
8. FACTOR LIMITING POWER LEVEL		N.E.	--	ADM
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES	NAT.			
M-T-D	ENR.			
11. WATER LEAKS	PSI			
M-T-D	V.S.			
12. WATER COOL	18.9	16.8	--	MSH - PSIG 125
13. WATER COOL	6.8	24.2	--	STEAM PRESSURE
14. WATER COOL	19.5	193.0	209.5	12,274
15. PEAK ELECT DEMAND - MW	29.1			580.1 X 10 ⁵

16. Reactor power contributing down for scheduled charge-discharge and A & B riser cross-tie modification. Charge-discharge in progress.

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OPERATIONS DAILY REPORT

7-5-69

Page 7

		KE	KW	TOTAL	N
1. REACTOR		0	3925	3925	REACTOR 4000
2. WPPS		0	3920	3920	WPPS 300
3. REACTOR PRODUCTION - MW		0	3909	3909	4000
4. DOUTAGE HOURS		24.0	0	24.0	0
5. FORECAST FOR MO.	TOE KMWD				
6. TIME OPER. EFF.	M-T-D 30 DAY AVG.				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD					
8. FACTOR LIMITING POWER LEVEL			B.O.	--	ADM
9. ESTIMATED STARTUP TIME	DATE HOUR				
10. FUEL FAILURES - M-T-D	NAT. ENR.				
11. WATER LEAKS - M-T-D	TYPE VOL.				
12. WASTE WATER M-T-D		38.5	10.0	--	MSH - PSIG 127
13. WASTE WATER M-T-D		0.0	23.7	--	STEAM EXPORTED 12,300
14. WASTE WATER M-T-D		15.0	193.0	208.8	KWH OUTPUT 100.0 x 10 ⁵
15. PEAK ELECT. DEMAND - MW		100.7			M-T-D RADIATION 771.0 x 10 ⁴

RE - in unit 2 is in preparation for crosstie modification.
Change-out charge is continuing.

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12. [REDACTED]
13. [REDACTED]
14. [REDACTED]
15. [REDACTED]

1. [REDACTED]
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REACTOR OPERATIONS DAILY REPORT

7-6-69

		KE	KW	TOTAL	N
1. REACTOR					REACTOR 4000
2. CORE		0	3935	3935	WPPS 800
3. MAX. REACTOR POWER		0	3935	3935	4000
4. MAX. REACTOR POWER - MW		0	3930	3930	4000
5. OUTAGE HOURS		24.0	0	24.0	0
5. FORECAST FOR NO.	TOE	64.5	77.4	71.0	61.3
	KMWD	75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D	43.1	90.8	66.9	90.0
	30 DAY AVG.	79.7	81.1	80.4	57.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-4.5	+2.6	-1.2	+6.1
8. FACTOR LIMITING POWER LEVEL			B.O.	--	ALM
9. ESTIMATED STARTUP TIME	DATE	7-18-69			
	HOUR	1200			
10. FUEL FAILURES	NAT.	0	0	0	
	M-T-D	1	0	1	0
11. WATER LEAKS	TUBE	0	0	0	
	M-T-D	0	0	0	MSH - PSIG 127
12. MAX. REACTOR POWER		18.7	17.0	--	STEAM PRODUCTION
		18.0	94.0	--	STEAM EXPORTED
13. REACTOR POWER		18.6	103.0	209.9	12,383
14. PEAK ELECT. DEMAND - MW					KWH OUTPUT
					100.7 X 10 ⁵
					M-T-D KWH OUTPUT
					963.7 X 10 ³

12 - Reactor power increased due to element failure from tube 3457 with the charge machine. Charge-discharge is continuing.

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REACTOR OPERATIONS DAILY REPORT

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Page 9

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3935	3935	REACTOR 0 WPPS 0
2. MAX. POWER LEVEL - MW		0	3935	3935	4000
3. INPUT PRODUCTION - MWD		0	3935	3935	1606
4. OUTAGE HOURS		24.0	0	24.0	14.4
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		36.9	92.1	64.5	82.9
30 DAY AVG.		76.3	81.1	78.7	55.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-6.9	+3.6	-3.3	+5.3
8. FACTOR LIMITING POWER LEVEL			B.O.	--	
9. ESTIMATED STARTUP TIME DATE		7-18-69			7-8-69
HOUR		1200			1200
10. FUEL FAILURES- NAT.		0	0	0	
M-T-D ENR.		1	0	1	
11. WATER LEAKS- TUBE		0	0	0	
M-T-D V.S.		0	0	0	
12. WATER TEMP. INLET		18.8	17.0	--	
AT 2330 HRS. OUTLET		C.U.	94.2	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.2	193.0	210.2	
14. PEAK ELECT. DEMAND - MW	106.4				

MSH - PSIG

10

STEAM PRODUCED

5,492

STEAM EXPORTED

4,948

KWH OUTPUT

77.2 X 10⁵

M-T-D KWH OUTPUT

1040.9 X 10⁵

KE - Continuing down for scheduled work. Completed charge-discharge. A and B riser crosstie modifications and other maintenance work are in progress. The fuel element failure removed from the reactor was an enriched hot-die-size element.

N - Reactor scrammed at 0938 hours due to a fuel element failure in tube 2060. The failure was removed and startup preparation is in progress.

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REACTOR OPERATIONS DAILY REPORT

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Page 10

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3935	3935	REACTOR 3500 WPPS 708
2. MAX POWER LEVEL - MW		0	3935	3935	3400
3. INPUT PRODUCTION - MWD		0	3935	3935	758
4. OUTAGE HOURS		24.0	0	24.0	15.1
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		32.3	93.1	62.7	77.1
30 DAY AVG.		73.0	81.1	77.1	55.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-9.4	+4.6	-4.8	+3.7
8. FACTOR LIMITING POWER LEVEL			B.O.	--	N.E.
9. ESTIMATED STARTUP TIME DATE		7-18-69			
HOUR		1200			
10. FUEL FAILURES- M-T-D NAT.		0	0	0	
ENR.		1	0	1	1
11. WATER LEAKS- M-T-D TUBE		0	0	0	
V.S.		0	0	0	
12. WATER TEMP. INLET		19.1	17.5	--	MSH - PSIG 110
AT 2330 HRS. OUTLET		C.U.	94.4	--	STEAM PRODUCED 2,573
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.2	193.0	210.2	STEAM EXPORTED 2,048
14. PEAK ELECT. DEMAND - MW	100.8				KWH OUTPUT 29.9 X 10 ⁵
					M-T-D KWH OUTPUT 1070.8 X 10 ⁵

KE - The crosstie modification on the A and B risers and other maintenance work are continuing. Inspection of PTA 159 fuel elements discharged from tube 3455 revealed an enriched hot-die-size element failure. This is the second failure under PTA 159. The other failure was in tube 3457

N - Reactor resumed operation at 1503 hours, concluding an outage caused by a fuel element failure.

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Page 11

		C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW			0	3935	3935	REACTOR 3650 WPPS 740
2. MAX POWER LEVEL - MW			0	3935	3935	3500
3. INPUT PRODUCTION - MWD			0	3935	3935	3495
4. OUTAGE HOURS			24.0	0	24.0	0
5. FORECAST FOR MO.	TOE		64.5	77.4	71.0	61.3
	KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D		28.7	93.8	61.3	79.7
	90 DAY A %		69.7	81.1	75.4	59.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD			-11.8	+5.6	-6.2	+4.8
8. FACTOR LIMITING POWER LEVEL				B.O.	--	N.E.
9. ESTIMATED STARTUP TIME	DATE		7-18-69			
	HOUR		1200			
10. FUEL FAILURES	HAT.		0	0	0	
	ENR.		2	0	2	1
11. WATER LEAKS	TUBE		0	0	0	
	V.S.		0	0	0	
12. WATER TEMP.	INLET		19.6	17.8	--	
	OUTLET		O.U.	94.7	--	
13. REACTOR WATER FLOW RATE AT 1330 - GPM ± 1000			17.0	193.0	210.0	
14. PEAK ELECT. DEMAND - MW			104.8			

KE - Modification of the crosstie on A and B risers and other maintenance work are continuing.

185-N

STEAM PRODUCED
11,890

STEAM EXPORTED
10,540

KWH OUTPUT
168.6 X 10⁵

M-T-D KWH OUTPUT
1139.4 X 10⁵

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	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3925	3925	REACTOR 0 WPPS 0
2. MAX POWER LEVEL - MW		0	3935	3935	3650
3. INPUT PRODUCTION - MWD		0	3931	3931	1343
4. OUTAGE HOURS		24.0	0	24.0	15.0
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		25.8	94.5	60.1	75.5
30 DAY AVG.		66.3	81.1	73.7	60.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-14.2	+6.6	-7.6	+3.8
8. FACTOR LIMITING POWER LEVEL			B.O.	--	
9. ESTIMATED DATE		7-18-69			7-11-69
STARTUP TIME HOUR		1200			1000
10. FUEL FAILURES* NAT.		0	0	0	
M-T-D ENR.		2	0	2	1
11. WATER LEAKS* TUBE		0	0	0	
M-T-D V.S.		0	0	0	
12. WATER TEMP. INLET		19.6	17.7	--	
AT 2330 HRS. OUTLET		C.U.	94.5	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		18.5	193.0	211.5	
14. PEAK ELECT. DEMAND - MW	105.6				

MSH - PSIG	15
STEAM PRODUCED	4,566
STEAM EXPORTED	4,212
KWH OUTPUT	64.9 X 10 ⁵
M-T-D KWH OUTPUT	1204.3 X 10 ⁵

KE - Modification of crosstia on the A and B risers and other maintenance work are continuing.

N - Reactor scrammed at 0857 hours due to loss of #5 turbine; cause undetermined. Miscellaneous maintenance work in progress.

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Page 13

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3920	3920	REACTOR 3600 WPPS 684
2. MAX POWER LEVEL - MW		0	3925	3925	3400
3. INPUT PRODUCTION - MWD		0	3924	3924	1132
4. OUTAGE HOURS		24.0	0	24.0	11.4
5. FORECAST FOR MO. <small>TOE</small>					
6. TIME OPER. EFF. <small>M-T-D</small>					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD <small>30 DAY AVG.</small>					
8. FACTOR LIMITING POWER LEVEL			B.O.	--	N.E.
9. ESTIMATED STARTUP TIME <small>DATE</small>					
10. FUEL FAILURES- M-T-D <small>NAT.</small>					
11. WATER LEAKS- M-T-D <small>TUBE</small>					
12. WATER TEMP. <small>INLET</small>		19.7	17.9	--	
AT 2330 HRS. <small>OUTLET</small>		C.U.	94.7	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.5	193.0	211.5	
14. PEAK ELECT. DEMAND - MW	108.7				

MSH - PSIG
110

STEAM PRODUCED
3,848

STEAM EXPORTED
3,291

KWH OUTPUT
49.4 X 10⁵

M-T-D KWH OUTPUT
1253.7 X 10⁵

KE -- Scheduled work is continuing.

N -- Reactor resumed operation at 1124 hours concluding an outage caused by loss of #5 turbine.

Correction:

N -- Reactor. The statement on the daily report dated 6-18-69 that N Reactor was down from 2040 hours until 2050 hours to repair a failed unloader valve was incorrect. The reactor did not shut down. The reactor started down at 2040 hours due to failure of unloader valve, but the problem was corrected at 2050 hours and power was resumed.

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REACTOR OPERATIONS DAILY REPORT

BY _____

DATE 7-12-69

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Page 14

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3920	3920	REACTOR 4000 WPPS 765
2. MAX POWER LEVEL - MW		0	3920	3920	3675
3. INPUT PRODUCTION - MWD		0	3920	3920	3622
4. OUTAGE HOURS		24.0	0	24.0	0
5. FORECAST FOR MO. TOE KMWD					
6. TIME OPER. EFF. M-T-D 30 DAY AVG.					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD					
8. FACTOR LIMITING POWER LEVEL			B.O.	--	N.E.
9. ESTIMATED STARTUP TIME DATE HOUR					
10. FUEL FAILURES- NAT. M-T-D ENR.					
11. WATER LEAKS- TUBE M-T-D V.S.					
12. WATER TEMP. INLET AT 2330 HRS. OUTLET		19.6 C.U.	17.7 94.4	--	MSH - PSIG 118 STEAM PRODUCED 12,315 STEAM EXPORTED 11,128 KWH OUTPUT 171.7 X 10 ⁵ M-T-D KWH OUTPUT 1425.4 X 10 ⁵
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1033		17.5	193.0	210.5	
14. PEAK ELECT. DEMAND - MW	99.0				

KE - Scheduled work is continuing.

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BY _____

DATE 7-13-69

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3920	3920	REACTOR 4000 WPPS 798
2. MAX. POWER LEVEL - MW		0	3920	3920	4000
3. INPUT PRODUCTION - MWD		0	3920	3920	3989
4. OUTAGE HOURS		24.0	0	24.0	0
5. FORECAST FOR MO.	TGE	64.5	77.4	71.0	61.3
	KMWD	75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D	19.9	95.7	57.8	77.5
	30 DAY AVG.	56.3	84.4	70.4	60.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-21.5	+9.6	-11.9	+5.5
8. FACTOR LIMITING POWER LEVEL			B.O.	--	ADM
9. ESTIMATED STARTUP TIME	DATE	7-18-69			
	HOUR	1200			
10. FUEL FAILURES- M-T-D	NAT.	0	0	0	
	ENR.	2	0	2	1
11. WATER LEAKS- M-T-D	TUBE	0	0	0	
	V.S.	0	0	0	
12. WATER TEMP. AT 2330 HRS.	INLET	19.5	17.7	--	
	OUTLET	C.U.	94.4	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.5	193.0	210.5	
14. PEAK ELECT. DEMAND - MW	100.2				

MSH - PSIG

126

STEAM PRODUCED

13,563

STEAM EXPORTED

11,979

KWH OUTPUT

186.2 X 10⁵

M-T-D KWH OUTPUT

1611.6 X 10⁵

KE = Modification on the crosstie of A and B risers and other maintenance work are continuing.

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REACTOR OPERATIONS DAILY REPORT

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DATE 7-14-69

		C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW			0	0	0	REACTOR 4000 WPPS 801
2. MAX POWER LEVEL - MW			0	3920	3920	4000
3. INPUT PRODUCTION - MWD			0	3865	3865	4000
4. OUTAGE HOURS			24.0	0.1	24.1	0
5. FORECAST FOR MO.	TOE		64.5	77.4	71.0	61.3
	KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D		18.4	96.0	57.2	79.1
	30 DAY AVG.		53.0	87.7	70.3	72.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD			-23.9	+10.5	-13.4	+7.1
8. FACTOR LIMITING POWER LEVEL				B.O.	--	ADM
9. ESTIMATED STARTUP TIME	DATE		7-18-69	7-19-69		
	HOUR		1200	0400		
10. FUEL FAILURES- M-T-D	NAT.		0	0	0	
	ENR.		2	0	2	
11. WATER LEAKS- M-T-D	TUBE		0	0	0	MSH - PSIG 128
	V.S.		0	0	0	
12. WATER TEMP. AT 2330 HRS.	INLET		19.6	17.7	--	MLBS/HR. STEAM PRODUCED 13,600 STEAM EXPORTED 12,377
	OUTLET		C.U.	94.5	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000			17.2	192.5	209.7	KWH OUTPUT 191.5 x 10 ⁵
14. PEAK ELECT. DEMAND - MW		102.8				

MSH - PSIG

128

STEAM PRODUCED

13,600

STEAM EXPORTED

12,377

KWH OUTPUT

191.5 X 10⁵

M-T-D KWH OUTPUT

1803.1 X 10⁵

KE - The modification on A-B riser crosstie is 90% complete.
Other maintenance work such as changing orifice screens, and
cutting graphite in #3 HCR channel for new flat rod, is continuing.

KW - Reactor shut down at 2352 hours for scheduled outage.

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Page 17

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR 4000 WPPS 810
2. MAX POWER LEVEL - MW		0	0	0	4000
3. INPUT PRODUCTION - MWD		0	0	0	4000
4. OUTAGE HOURS		24.0	24.0	48.0	0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0	61.3
	KMWD	75.4	90.5	165.9	73.0
6. TIME OPER. EFF.	M-T-D	17.2	89.6	53.4	80.5
	30 DAY AVG.	49.7	87.7	68.7	75.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-26.4	+7.6	-18.8	+8.8
8. FACTOR LIMITING POWER LEVEL				--	ADM
9. ESTIMATED STARTUP TIME	DATE	7-18-69	7-19-69		
	HOURL	1200	0400		
10. FUEL FAILURES- M-T-D	NAT.	0	0	0	
	ENR.	2	0	2	1
11. WATER LEAKS- M-T-D	TUBE	0	0	0	
	V.S.	0	0	0	
12. WATER TEMP.	INLET	19.7	18.7	--	
AT 2330 HRS.	OUTLET	C.U.	C.U.	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.0	13.4	32.4	

14. PEAK ELECT. DEMAND - MW 49.9

MSH - PSIG

128

STEAM PRODUCED

13,600

STEAM EXPORTED

12,379

KWH OUTPUT

194.7 X 10⁵

M-T-D KWH OUTPUT

1997.8 X 10⁵

KE - Except for inspection and clean up, the modification of the A and B riser is completed. Other maintenance work is continuing.

KW - Scheduled charge discharge in progress.

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	C	KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0		REACTOR 4000 WPPS 810
2. MAX POWER LEVEL - MW		0	0	0		4000
3. INPUT PRODUCTION - MWD		0	0	0		4000
4. OUTAGE HOURS		24.0	24.0	48.0		0
5. FORECAST FOR MO. TOE		64.5	77.4	71.0		61.3
KMWD		75.4	90.5	165.9		73.0
6. TIME OPER. EFF. M-T-D		16.1	84.0	50.1		81.7
30 DAY AVG.		46.3	87.5	66.9		78.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-28.8	+4.7	-24.1		+10.4
8. FACTOR LIMITING POWER LEVEL				--		ADM
9. ESTIMATED STARTUP TIME DATE		7-18-69	7-19-69			
HOUR		1200	0400			
10. FUEL FAILURES- NAT.		0	0	0		
M-T-D ENR.		2	0	2		1
11. WATER LEAKS- TUBE		0	0	0		MSH - PSIG
M-T-D V.S.		0	0	0		128
12. WATER TEMP. INLET		20.1	19.5	--		STEAM PRODUCED
AT 2330 HRS. OUTLET		C.U.	C.U.	--		13,600
13. REACTOR WATER FLOW RATE						STEAM EXPORTED
AT 2330 - GPM ÷ 1000		15.8	15.8	31.6		12,420
14. PEAK ELECT. DEMAND - MW						KWH OUTPUT
75.7						193.9 X 10 ⁵
						M-T-D KWH OUTPUT
						2191.6 X 10 ⁵

KE - Scheduled maintenance work is continuing.

KW - Scheduled charge-discharge and maintenance are continuing.

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Page 19

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR 0 WPPS 0
2. MAX POWER LEVEL - MW		0	0	0	4000
3. INPUT PRODUCTION - MWD		0	0	0	2472
4. OUTAGE HOURS		24.0	24.0	48.0	9.2
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		15.2	79.1	47.1	80.5
30 DAY AVG.		43.0	84.2	63.6	79.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-31.2	+1.8	-29.4	+10.6
8. FACTOR LIMITING POWER LEVEL				---	
9. ESTIMATED DATE STARTUP TIME HOUR		7-19-69 1200	7-18-69 1300		7-18-69 1400
10. FUEL FAILURES- M-T-D NAT.		0	0	0	
ENR.		2	0	2	1
11. WATER LEAKS- M-T-D TUBE		0	0	0	
V.S.		0	0	0	MSH - PSIG 15
12. WATER TEMP. INLET AT 2330 HRS. OUTLET		19.8 C.U.	18.1 18.4	--- ---	STEAM PRODUCED 8,408 STEAM EXPORTED 7,659 KWH OUTPUT 121.0 X 10 ⁵ M-T-D KWH OUTPUT 2312.6 X 10 ⁵
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.8	58.2	75.0	
14. PEAK ELECT. DEMAND - MW	138.4				

KE - Completed trip-out test (PTA-178). Corrective modification on the discharge clearing equipment and other maintenance are in progress.

KW - Completed trip-out test (PTA-178) and other scheduled work. Startup preparation in progress.

N - Reactor scrammed at 1450 hours when a WPPSS generator tripped out causing the main steam header pressure to increase.

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Page 20

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR 2800 WPPS 0
2. MAX POWER LEVEL - MW		0	2700	2700	2800
3. INPUT PRODUCTION - MWD		0	695	695	781
4. OUTAGE HOURS		24.0	16.3	40.3	13.5
5. FORECAST FOR MO. <small>TOE</small>					
<small>KMWD</small>					
6. TIME OPER. EFF. <small>M-T-D</small>					
<small>30 DAY AVG.</small>					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD					
8. FACTOR LIMITING POWER LEVEL			N.E.	--	N.E.
9. ESTIMATED STARTUP TIME <small>DATE</small>					
<small>HOUR</small>					
10. FUEL FAILURES- <small>NAT.</small>					
<small>M-T-D</small> <small>ENR.</small>					
11. WATER LEAKS- <small>TUBE</small>					
<small>M-T-D</small> <small>V.S.</small>					
12. WATER TEMP. <small>INLET</small>		18.7	17.9	--	MSH - PSIG 110
<small>AT 2330 HRS.</small> <small>OUTLET</small>		19.3	21.0	--	STEAM PRODUCED 2,505
13. REACTOR WATER FLOW RATE <small>AT 2330 - GPM ÷ 1000</small>		177.0	64.5	241.5	STEAM EXPORTED 0
14. PEAK ELECT. DEMAND - MW <u>148.8</u>					KWH OUTPUT 0

185-N	M-T-D KWH OUTPUT 2312.6 X 10 ⁵
-------	--

KE - Completed modification of the discharge clearing equipment.
Other maintenance work is continuing.

KW - Reactor resumed operation at 1447 hours. The reactor was again down at 2230 hours for the removal of a Neptunium fuel element failure (PTA-163) from tube 2358.

N - Reactor resumed operation at 1332 hours concluding an outage caused by WPPSS generator trip-out.

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ROUGH DRAFT
AFTER FILL-IN

THIS DOCUMENT CLASSIFIED

THIS DOCUMENT CONSISTS OF

REACTOR OPERATIONS DAILY REPORT

PAGES, NO. OF

COPIES, SERIES

Page 21

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	2080	2080	REACTOR 2800 WPPS 0
2. MAX POWER LEVEL - MW		0	2000	2000	3200
3. INPUT PRODUCTION - MWD		0	119	119	2471
4. OUTAGE HOURS		24.0	19.6	43.6	1.9
5. FORECAST FOR MO. TOE KMWD					
6. TIME OPER. EFF. M-T-D 30 DAY AVG.					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD					
8. FACTOR LIMITING POWER LEVEL			N.E.	--	
9. ESTIMATED DATE STARTUP TIME HOUR					
10. FUEL FAILURES- M-T-D NAT. ENR.					
11. WATER LEAKS- M-T-D TUBE V.S.					
12. WATER TEMP. INLET AT 2330 HRS. OUTLET		19.8 C.U.	18.1 47.0	-- --	MSH - PSIG 92 STEAM PRODUCED 7,925 STEAM EXPORTED 0 KWH OUTPUT 0 M-T-D KWH OUTPUT 2312.6 X 10 ⁵
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000		15.2	184.0	199.2	
14. PEAK ELECT. DEMAND - MW	148.3				

KE - Miscellaneous maintenance work is continuing.

KW - There were 6 pieces of Neptunium fuel element failures removed from tube 2358. The end caps were missing. The Neptunium charges in tubes 2359 and 2398 were also discharged; resumed operation at 1640 hours. The reactor was again down from 1724 hours until 1830 hours, from 2013 hours until 2112 hours, and from 2214 hours until 2303 hours due to unexplained panellit trips on gauges 4364, 4555, and 3963 respectively.

N - Reactor was down from 0209 hours until 0404 hours due to a scram caused by low surge tank level.

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ROUGH DRAFT
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REACTOR OPERATIONS DAILY REPORT

DATE 7-20-69

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 Page 22

	C	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3770	0	3770	REACTOR 0 WPPS 0
2. MAX POWER LEVEL - MW		3550	2920	6470	2850
3. INPUT PRODUCTION - MWD		1442	1554	2996	2365
4. OUTAGE HOURS		11.3	7.0	18.3	2.3
5. FORECAST FOR MO. TOE		64.5	77.4	71.0	61.3
KMWD		75.4	90.5	165.9	73.0
6. TIME OPER. EFF. M-T-D		15.6	73.3	44.4	79.7
30 DAY AVG.		41.9	7.3	60.1	79.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D-KMWD		-37.1	-4.6	-41.7	-16.8
8. FACTOR LIMITING POWER LEVEL		N.E.		---	---
9. ESTIMATED STARTUP TIME DATE			7-21-69		8-31-69
HOUR			2400		
10. FUEL FAILURES- M-T-D NAT.		0	0	0	
ENR.		2	* 6	8	1
11. WATER LEAKS- M-T-D TUBE		0	0	0	
V.S.		0	0	0	
12. WATER TEMP. INLET		18.6	19.8	--	
AT 2330 HRS. OUTLET		89.2	C.U.	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		188.5	19.7	208.2	
14. PEAK ELECT. DEMAND - MW	153.1				

MSH - PSIG
8

MLBS/HR.
STEAM PRODUCED
7,584
STEAM EXPORTED
0
KWH OUTPUT
0
M-T-D KWH OUTPUT
2312.6 X 10⁵

- KE - Reactor resumed operation at 1121 hours concluding a rupture removal and scheduled outage.
- KW - Reactor was down from 0100 hours until 0133 hours due to an unexplained panellit trip on gauge 4759. The reactor again scrambled at 1735 hours due to an unexplained panellit trip on gauge 5181. Checking of recently charged tubes for improper seating of charges is in progress.
- N - Reactor shut down at 2142 hours for scheduled effluent control project work.

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DUN- 5947

REACTOR OPERATIONS DAILY REPORT

DATE 7-21-69

PAGE 23

	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800	2400	6200	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3800	1500	5300		0
3. INPUT PRODUCTION - MWD	3740	38	3778		0
4. OUTAGE HOURS	0	22.2	22.2		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4		61.3
	KMWD	75.4	90.5		73.0
	M-T-D	19.6	70.1		76.0
6. TIME OPER. EFF.	30 DAY AVG	43.7	75.2		76.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-35.8	-7.5	-43.3		-16.8
8. FACTOR LIMITING POWER LEVEL	B.C.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE		--		8-31-69
	HOURL		--		1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	2	* 6		1
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.7	18.2	PRODUCED	0
	OUTLET	94.3	34.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	185.0	375.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 155.0				DAILY	0
				M-T-D	2312.6x10 ⁵

KW - Reactor resumed operation at 2214 hours concluding an outage caused by an unexplained panellit trip.

N - Reactor is continuing down for scheduled effluent control project and other maintenance work.

* Neptunium failures.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-22-69

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	3350	7150	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800	3250	7050		0
3. INPUT PRODUCTION - MWD		3800	2603	6403		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0		61.3
	KMWD	75.4	90.5	165.9		73.0
6. TIME OPER. EFF.	M-T-D	23.2	71.5	47.4		72.5
	30 DAY AVG	43.7	75.2	59.4		76.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-34.4	-7.8	-42.2		-16.8
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE					8-31-69
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	2	* 6	8		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.5	--	PRODUCED	0
	OUTLET	94.6	82.1	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	192.5	382.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		155.8			DAILY	0
					M-T-D	2312.6X10 ⁵

N - Effluent control project and other maintenance work are continuing.

* Neptunium failures.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-23-69

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3790	3650	7440	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800	3600	7400		0
3. INPUT PRODUCTION - MWD		3797	3423	7220		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0		61.3
	KMWD	75.4	90.5	165.9		73.0
6. TIME OPER. EFF.	M-T-D	26.6	72.7	49.6		69.3
	30 DAY AVG	43.7	75.1	59.4		73.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-33.0	-7.2	-40.2		-16.8
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE					8-31-69
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	2	* 6	8		1
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.3	18.9	--	PRODUCED	0
	OUTLET	94.8	89.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		156.3			DAILY	0
					M-T-D	2312.6X10 ⁵

11 - Scheduled work is continuing. Loop heat-up on 5 primary pumps in progress.

* Neptunium failures.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-24-69

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3790	3730	7520	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3790	3705	7495		0
3. INPUT PRODUCTION - MWD	3790	3653	7443		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4		61.3
	KMWD	75.4	90.5		73.0
6. TIME OPER. EFF.	M-T-D	29.6	73.8		66.5
	30 DAY AVG	43.7	75.1		70.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-31.7	-6.5	-38.2		-16.8
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				8-31-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	2	* 6		1
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.5	19.0	PRODUCED	0
	OUTLET	94.9	91.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	157.4			DAILY	0
				M-T-D	2312.6X10 ⁵

N - Scheduled work is continuing. Completed decontamination.

* Neptunium failures.

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REACTOR
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REACTOR OPERATIONS DAILY REPORT

DATE 7-25-69

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3790	3800	7590	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3790	3780	7570		0
3. INPUT PRODUCTION - MWD	3790	3740	7530		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.8	PRODUCED	0
	OUTLET	94.5	92.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	193.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		156.2		DAILY	0
				M-T-D	2312.6X10 ⁵

N - Scheduled work is continuing.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-26-69

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3780	3835	7615	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3790	3825	7615		0
3. INPUT PRODUCTION - MWD	3788	3807	7595		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED DATE					
STARTUP TIME	HOUR				
10. FUEL FAILURES - NAT.					
M-T-D	ENR.				
11. WATER LEAKS - TUBE				MSH PSIG	0
M-T-D	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	19.6	19.1	--	PRODUCED	0
AT 2330 HRS. OUTLET	94.8	93.8	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	153.2			DAILY	0
				M-T-D	2312.6X10 ⁵

N - Scheduled work is continuing. Completed hydro test of 2A and 2B steam generators.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-27-69

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3770	3850	7620	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3780	3850	7630		0
3. INPUT PRODUCTION - MWD		3777	3839	7616		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0		61.3
	KMWD	75.4	90.5	165.9		73.0
6. TIME OPER. EFF.	M-T-D	37.5	76.7	57.1		59.1
	30 DAY AVG	43.7	75.1	59.4		60.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-27.7	-3.9	-31.6		-16.8
8. FACTOR LIMITING POWER LEVEL		B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				8-31-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / /	
	ENR.	2	* 6	8		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.9	19.4	--	PRODUCED	0
	OUTLET	94.9	94.5	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		153.6			DAILY	0
					M-T-D	2316.6X10 ⁵

* Neptunium failures.

N - Scheduled work is continuing. Completed charge-discharge, except for six tubes left empty to be borescoped.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-28-69

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3770	3850	7620	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3770	3850	7620		0
3. INPUT PRODUCTION - MWD		3770	3850	7620		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0		61.3
	KMWD	75.4	90.5	165.9		73.0
6. TIME OPER. EFF.	M-T-D	39.7	77.6	58.6		57.0
	30 DAY AVG	43.7	75.1	59.4		57.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-26.3	-2.9	-29.2		-16.8
8. FACTOR LIMITING POWER LEVEL		B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE					8-31-69
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	2	* 6	8		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.8	19.5	--	PRODUCED	0
	OUTLET	94.6	94.6	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		157.0			DAILY	0
					M-T-D	2312.6X10 ⁵

* Neptunium failure.

N - Scheduled work is continuing. Completed borescope of six process tubes.
Decontamination of reactor hardware is in progress.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-29-69

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3770	3850	7620	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3770	3850	7620		0
3. INPUT PRODUCTION - MWD	3770	3850	7620		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4		61.3
	KMWD	75.4	90.5		73.0
6. TIME OPER. EFF.	M-T-D	41.8	78.3		55.0
	30 DAY AVG	43.7	75.7		53.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.9	-2.1	-27.0		-16.8
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				8-31-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	2	* 6		1
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.8	19.5	PRODUCED	0
	OUTLET	94.8	94.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	190.0	193.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	157.0			DAILY	0
				M-T-D	2312.6X10 ⁵

* Neptunium failures

N - Scheduled work is continuing. Completed decontamination of reactor hardware.
Work on the V-11 valves is in progress.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-30-69

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3760	3850	7610	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3770	3850	7620	0	
3. INPUT PRODUCTION - MWD		3767	3850	7617	0	
4. OUTAGE HOURS		0	0	0	24.0	
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0	61.3	
	KMWD	75.4	90.5	165.9	73.0	
6. TIME OPER. EFF.	M-T-D	43.7	79.1	61.4	53.2	
	30 DAY AVG	43.7	79.1	61.4	53.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-23.6	-1.1	-24.7	-16.8	
8. FACTOR LIMITING POWER LEVEL		B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				8-31-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	1	
	ENR.	2	* 6	8		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.9	19.7	--	PRODUCED	0
	OUTLET	94.7	94.7	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	193.0	383.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 156.9				DAILY	0	
				M-T-D	2312.6x10 ⁵	

N - Scheduled work is continuing. Completed repairs on V-11 valves. Other maintenance work in process. The progress of the effluent control program (GCP-411) is as follows: The new section of the 30" emergency raw water header at the No. 1 high-lift is in place. The tie-in of the 30" raw water supply line from No. 1 low-lift diesel to silo and the tie-in of the 36" raw water supply line and the 30" filter water line to the 42" raw water supply line are in process.

* Neptunium failures.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3835	3835	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3760	3850	7610		0
3. INPUT PRODUCTION - MWD		1638	3842	5480		0
4. OUTAGE HOURS		13.3	0	13.3		24.0
5. FORECAST FOR MO.	TOE	64.5	77.4	71.0		61.3
	KMWD	75.4	90.5	165.9		73.0
6. TIME OPER. EFF.	M-T-D	43.7	79.7	61.7		51.5
	30 DAY AVG	41.9	80.9	61.4		51.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-24.4	-0.2	-24.6		-16.8
8. FACTOR LIMITING POWER LEVEL			B.O.	--		
9. ESTIMATED STARTUP TIME	DATE	8-3-69				8-31-69
	HOUR	1200				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	2	* 6	8		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	21.2	19.8	--	PRODUCED	0
	OUTLET	C.U.	94.6	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.0	192.5	211.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 155.2					DAILY	0
					M-T-D	2312.6X10 ⁵

* Neptunium failures.

KE - Reactor shut down at 1040 hours when a leak developed in the number 18 horizontal control rod inlet water supply hose. Outage scheduled for 8-4-69 will be completed.

N - Effluent control program continuing (GCP-411). The 36" raw water return overflow from the emergency raw water tank is open for completion of the 36" raw water return tie-in to side of tank. Tie-in of 36" to demineralized water tank and other reactor maintenance work are in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3835	3835	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3835	3835		0
3. INPUT PRODUCTION - MWD	0	3835	3835		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		B.O.	-		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	21.2	19.3	PRODUCED	0
	OUTLET	C.U.	94.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.2	192.5	208.7	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW		99.5		DAILY	0
				M-T-D	0

KE - Reactor continuing down for charge discharge and maintenance work.

N - Effluent control program; completed tie in of 36" silo overflow to 36" raw water return and replacement of the 30" emergency raw water header in 182-N Bldg. continues.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3835	3835	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3835	3835		0
3. INPUT PRODUCTION - MWD	0	3835	3835		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		B.O.	-		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.				/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	21.1	19.3	-	PRODUCED	0
	OUTLET	C.U.	94.4	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.0	192.5	209.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	99.0			DAILY	0
				M-T-D	0

KE - Scheduled charge discharge and maintenance work are continuing.

N - Work on the effluent control program was discontinued for the week-end. Other reactor maintenance work is in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3835	3835	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3250	3835	7085		0
3. INPUT PRODUCTION - MWD	780	3835	4615		0
4. OUTAGE HOURS	16.5	0	16.5		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	10.4	100.0		0
	30 DAY AVG	37.6	80.9		41.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-8.6	+1.9	-6.7		0
8. FACTOR LIMITING POWER LEVEL	N.E.	3.0.	-		
9. ESTIMATED STARTUP TIME	DATE	8-5-69			8-31-69
	HOUR	0800			1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.4	19.0	PRODUCED	0
	OUTLET	84.0	94.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	188.5	192.5	381.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	152.3			DAILY	0
				M-T-D	0

KE - Reactor resumed operation at 1632 hours concluding a scheduled charge discharge initiated by #18 HCR water supply hose leak.

N - Maintenance work continuing.

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KE - Reactor scrammed at 0211 hours due to an unexplained panellet trip on gauge 4056.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3035	3035	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3425	3035	7260		0
3. INPUT PRODUCTION - MWD	320	3035	4155		0
4. OUTAGE HOURS	21.8	0	21.8		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	10.1	100.0		0
	30 DAY AVG	37.9	80.9		30.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.4	+2.5	-8.9		0
8. FACTOR LIMITING POWER LEVEL		B.O.	-		
9. ESTIMATED STARTUP TIME	DATE	8-5-69			8-31-69
	HOUR	1200	-		1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.0	18.7	PRODUCED	0
	OUTLET	C.U.	93.9	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	22.0	192.5	214.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.6			DAILY	0
				M-T-D	0

KE - Reactor scrammed at 0211 hours due to an unexplained panellit trip on gauge 4056. Water leak tested entire unit. Replaced process tube 1770 due to rear Van Stone flange leak. Maintenance work in progress.

N - The effluent control work on the 36" demineralized water line tie in and 30" emergency raw water supply header replacement are in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3400	3845	7245	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		2800	3835	6635		0
3. INPUT PRODUCTION - MWD		207	3835	4042		0
4. OUTAGE HOURS		20.5	0	20.5		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1	196.1		3.8
6. TIME OPER. EFF.	M-T-D	11.6	100.0	55.8		0
	30 DAY AVG	38.5	80.9	59.7		35.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.3	+3.2	-11.1		0
8. FACTOR LIMITING POWER LEVEL		N. E.	B. O.	-		
9. ESTIMATED STARTUP TIME	DATE					8-31-69
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.7	-	PRODUCED	0
	OUTLET	68.2	93.8	-	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		187.5	192.5	380.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		154.9			DAILY	0
					M-T-D	0

KE - Reactor resumed operation at 2030 hours concluding an outage caused by an unexplained panellet trip and insufficient reactivity.

N - Scheduled maintenance work and effluent control program are continuing.

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		KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	0	3750	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3700	3845	7545		0
3. INPUT PRODUCTION - MWD		3402	3844	7246		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1	196.1		3.8
6. TIME OPER. EFF.	M-T-D	26.3	100.0	63.2		0
	30 DAY AVG	41.0	60.9	61.4		33.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.1	+3.8	-10.3		0
8. FACTOR LIMITING POWER LEVEL		N.E.	B.O.	-		
9. ESTIMATED STARTUP TIME	DATE		8-9-69			8-31-69
	HOUR		0000			1500
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.4	19.0		PRODUCED	0
	OUTLET	92.9	94.3		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		190.0	192.5	302.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		157.1			DAILY	0
					M-T-D	0

N - The effluent control work and other maintenance work (Including repairs of 4 Foster Wheeler boiler tube leaks) are continuing.

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KW - Reactor shut down at 0005 hours for scheduled work.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3760	0	3760	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3750	3845	7595		0
3. INPUT PRODUCTION - MWD	3742	13	3755		0
4. OUTAGE HOURS	0 /	23.9	23.9		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	36.8	85.8		0
	30 DAY AVG	45.2	77.6		32.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-13.4	+0.6	-12.8		0
8. FACTOR LIMITING POWER LEVEL	N.E.		-		
9. ESTIMATED STARTUP TIME	DATE	8-9-69	-		8-31-69
	HOUR	0800	-		1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.4	21.1	PRODUCED	0
	OUTLET	93.7	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	15.7	205.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	99.9			DAILY	0
				M-T-D	0

KM - Reactor shutdown at 0005 hours for scheduled work. Charge Discharge of thorium column and maintenance work are in progress.

N - Replacement of the 30" emergency raw water supply header, Foster Wheeler boiler repairs, and other maintenance are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 EFFECTIVE DAY - MW	3760	0	3760	REACTOR	0
				WPPSS	0
2. MAX POWER LEVEL - MW	3760	0	3760		0
3. INLET PRODUCTION - MWD	3758	0	3758		0
4. OUTLET HOURS	0	24.0	24.0		24.0
5. FUEL COST FOR MO.	TOE				
	KMWD				
6. THERMAL EFF.	M-T-D				
	30 DAY AVG				
7. INLET PRODUCTION VARIANCE FROM 30 DAY CAST M-T-D KMWD					
8. FUEL LIMITING POWER LEVEL	B.O.		-		
9. FUEL TYPE	DATE				
ST. NO.	HOUR				
10. FUEL ANALYSIS -	NAT.				
M-T-D	ENR.				
11. WATER PUMPERS -	TUBE			MSH PSIG	0
M-T-D	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER PUMP.	INLET	19.3	21.0	PRODUCED	0
	OUTLET	93.8	C.U.	EXPORTED	0
13. FUEL FOR WATER FLOW RATE AT 1000 HRS		190.0	10.6	200.6	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	148.5			DAILY	0
				M-T-D	0

II - Scheduled work continuing. Completed charge discharge. Maintenance work in progress.

II - Effluent control project and other maintenance work are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 PREV. DAY - MW	3760	3370	7130	REACTOR	0
				WPPSS	0
2. POWER LEVEL - MW	3760	2890	6650		0
3. POWER PRODUCTION - MWD	3760	1324	5084		0
4. OFFLINE HOURS	0	10.5	10.5		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. PRODUCTION VARIANCE FORECAST M-T-D KMWD					
8. REACTOR LIMITING POWER LEVEL	B.O.	N.E.	-		
9. TESTED	DATE				
10. STOP TIME	HOUR				
11. FAILURES -	NAT.				
	ENR.				
12. LEAKS -	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
13. WATER TEMP.	INLET	19.8	19.3	PRODUCED	0
AT 2300 HRS.	OUTLET	94.3	74.9	EXPORTED	0
14. REACTOR WATER FLOW RATE GPM ÷ 1000		190.0	192.5	185-N BLDG KWH OUTPUT	
15. PEAK ELECT. DEMAND - MW		154.2		DAILY	0
				M-T-D	0

KW - Reactor resumed operation at 1030 hours concluding a scheduled outage.

N - Work on the Foster Wheeler boiler and other maintenance work are continuing.

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	KE	KW	TOTAL	N	
1. REACTOR LEVEL AT 0800 FOLLOWING DAY - MW	3760	3755	7515	REACTOR	0
2. MAX. POWER LEVEL - MW	3760	3630	7390	WPPSS	0
3. REACTOR PRODUCTION - MWD	3760	3411	7171		0
4. OFF-PEAK HOURS	0	0	0		24.0
5. REACTOR CAST FOR MO.	TOE 83.0	83.0	83.0		3.2
	KMWD 97.0	99.1	196.1		3.8
6. TIME OPER. EFF.	M-T-D 55.8	75.7	65.7		0
	30 DAY AVG 55.2	72.8	64.0		26.3
7. REACTOR PRODUCTION VARIANCE FORECAST M-T-D KMWD	-11.6	-4.2	-15.8		0
8. REACTOR LIMITING POWER LEVEL	B.O.	N.E.	-		
9. REACTOR SHUT DOWN TIME	DATE				8-31-69
	HOUR				1600
10. REACTOR FAILURES - M-T-D	NAT. 0	0	0		
	ENR. 0	0	0		0
11. REACTOR LEAKS - M-T-D	TUBE 0	0	0	MSH PSIG	0
	V.S. 1	0	1	NUCLEAR STEAM MLBS/HR.	
12. REACTOR WATER TEMP. M-T-D HRS.	INLET 19.9	19.6	-	PRODUCED	0
	OUTLET 94.3	90.0	-	EXPORTED	0
13. REACTOR WATER FLOW RATE M-T-D - GPM ÷ 1000	190.5	193.0	383.5	185-N BLDG KWH OUTPUT	
14. REACTOR ELECT. DEMAND - MW	154.7			DAILY	0
				M-T-D	0

N - Foster Wheeler boiler leak repairs and other maintenance work are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3760	3825	7585	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3760	3800	7560		0
3. INPUT PRODUCTION - MWD	3760	3761	7521		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	59.8	77.9		0
	30 DAY AVG	58.5	72.8		22.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-10.9	-3.7	-14.6		0
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	-		
9. ESTIMATED STARTUP TIME	DATE				8-31-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.9	PRODUCED	0
	OUTLET	94.0	92.9	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	193.0	384.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	155.6			DAILY	0
				M-T-D	0

N - Effluent control project, Foster Wheeler Boiler leak repairs and other maintenance work as required are continuing.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3860	3860	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3760	3850	7610		0
3. INPUT PRODUCTION - MWD		1610	3834	5444		0
4. OUTAGE HOURS		13.5	0	13.5		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1	196.1		3.8
6. TIME OPER. EFF.	M-T-D	58.5	79.7	69.1		0
	30 DAY AVG	60.0	72.8	66.4		19.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.4	--3.0	-15.4		0
8. FACTOR LIMITING POWER LEVEL			B.O.	-		
9. ESTIMATED STARTUP TIME	DATE	8-14-69		-		8-31-69
	HOUR	0030		-		1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	1	0	1		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.0	18.9	-	PRODUCED	0
	OUTLET	C.U.	93.8	-	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.2	193.0	210.2	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		157.1			DAILY	0
					M-T-D	0

KE - Reactor shut down at 1031 hours for the removal of a hot die size enriched fuel element failure (PTA-011) from tube 3074 with the charging machine. Charge discharge and maintenance work are in progress.

N - Effluent control project and other maintenance work are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2000	0	2000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3865	3865		0
3. INPUT PRODUCTION - MWD	0	2046	2046		0
4. OUTAGE HOURS	24.0	11.3	35.3		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	54.0	77.7		0
	30 DAY AVG	60.0	71.2		15.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.6	-4.1	-19.7		0
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME	DATE	8-15-69			8-31-69
	HOUR	0200			1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	1	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.5	20.5	PRODUCED	0
	OUTLET	22.0	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	182.0	19.0	201.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	111.7			DAILY	0
				M-T-D	0

KE - Completed a small charge discharge and maintenance work.

KW - Reactor scrambled at 1244 hours due to an unexplained trip via the high speed scanning system. Investigation of cause in progress.

N - Reactor is continuing down for effluent control project and other maintenance work.

8-14-69 (12-8)

KE - Reactor resumed operation at 0144 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3600	2000	5600	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3450	0	3450		0
3. INPUT PRODUCTION - MWD	2250	0	2250		0
4. OUTAGE HOURS	1.7	24.0	25.7		24.0
5. FORECAST FOR MO. TOE	83.0	83.0	83.0		3.2
KMWD	97.0	99.1	196.1		3.8
6. TIME OPER. EFF. M-T-D	56.8	72.1	64.4		0
30 DAY AVG	63.1	71.2	67.2		12.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-16.5	-7.4	-23.9		0
8. FACTOR LIMITING POWER LEVEL	N.E.		-		
9. ESTIMATED STARTUP TIME DATE					8-31-69
HOUR					1600
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
ENR.	1	0	1		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	0
V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	20.0	20.1	-	PRODUCED	0
OUTLET	87.8	21.0	-	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	64.0	254.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	151.7			DAILY	0
				M-T-D	0

KE - Reactor resumed operation at 0144 hours concluding a rupture removal outage.

KW - Investigation, as to the cause, of the trip on the high speed scanning system showed that the scanner is sensitive to humidity about 65%. Procedures for operating Control Room air conditioner were revised.

N - Reactor is continuing down for effluent control project and other maintenance work.

8-15-69 (12-8)

KW - Reactor resumed operation at 0514 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0100 FOLLOWING DAY - MW	3710	3340	7050	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3660	3130	6790		0
3. INPUT PRODUCTION - MWD	3590	1834	5424		0
4. OUTAGE HOURS	0	5.2	5.2		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.9	19.9	PRODUCED	0
	OUTLET	92.6	80.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	191.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		159.6		DAILY	0
				M-T-D	0

KW - Reactor resumed operation at 0514 hours concluding an outage caused by an unexplained trip on the high speed scanning system.

N - Scheduled work continuing.

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	KL	KW	TOTAL		
1. POWER LEVEL AT 0000 FOLLOWING DAY - MW	3730	3730	7460	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3730	3610	7340		0.
3. INPUT PRODUCTION - MWD	3714	3408	7122		0
4. OUTAGE HOURS	0	0	0		0.0
5. FORECAST FOR MO. <small>TOE</small>					
<small>KMWD</small>					
6. TIME OPER. EFF. <small>M-T-D</small>					
<small>30 DAY AVG</small>					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		
9. ESTIMATED <small>DATE</small> STARTUP TIME <small>HOUR</small>					
10. FUEL FAILURES - <small>NAT.</small> M-T-D <small>ENR.</small>					
11. WATER LEAKS - <small>TUBE</small> M-T-D <small>V.S.</small>				MSH PSIG	0
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. <small>INLET</small> AT 2330 HRS. <small>OUTLET</small>	19.8 93.8	19.5 89.6	-- --	PRODUCED	0
				EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	193.0	384.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 156.8				DAILY	0
				M-T-D	0

N - Scheduled work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3740	3830	7570	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3730	3790	7520		0
3. INPUT PRODUCTION - MWD	3730	3730	7460		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	64.4	75.8		0
	30 DAY AVG	73.1	79.5		6.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-14.8	-7.9	-22.7		0
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				8-31-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	1	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.9	19.5	PRODUCED	0
	OUTLET	93.8	93.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	193.0	384.0	IRS-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	0

157.1

N - Effluent control project and other maintenance work as required are continuing.

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	KE	RW	TOTAL		
1. POWER LEVEL AT 0000 FOLLOWING DAY - MW	0	3855	3855	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3750	3855	7605		0
3. INPUT PRODUCTION - MWD	3290	3837	7127		0
4. OUTAGE HOURS	2.9	0	2.9		24.0
5. FORECAST FOR MO.	TOE 83.0	83.0	83.0		8.0
	KMWD 97.0	92.1	196.1		3.0
6. TIME OPER. EFF.	M-T-D 65.7	77.1	71.4		0
	30 DAY AVG 76.0	82.2	79.1		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-14.6	-7.3	-21.9		0
8. FACTOR LIMITING POWER LEVEL		E.O.	--		
9. ESTIMATED REACTOR TIME	DATE 8-20-69				8-20-69
	HOUR 1300				
10. FUEL ELEMENTS - M-T-D	NAT. 0	0	0		
	ENR. 2	0	2		
11. WATER LEAKS - M-T-D	TUBE 0	0	0	MSR PSIG	0
	V.S. 1	0	1	NUCLEAR STEAM MWD/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 19.7	19.4	--	PRODUCED	0
	OUTLET 24.0	24.5	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000	63.0	193.0	261.0	185-N SLOS	
				KWH	0
14. PEAK ELECT. DEMAND - MW	159.9			DAILY	0
				M-T-D	0

AL - Reactor shut down at 2106 hours with a fuel element failure in tube 4551.

A - Maintenance work is continuing during a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3855	3855	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3855	3855		0
3. INPUT PRODUCTION - MWD	0	3855	3855		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	62.2	78.2		0
	30 DAY AVG	74.2	83.2		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-17.7	-6.6	-24.3		0
8. FACTOR LIMITING POWER LEVEL		B.O.			
9. ESTIMATED STARTUP TIME	DATE	8-20-69			8-31-69
	HOUR	1600			1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	2	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.0	19.8	PRODUCED	0
	OUTLET	24.1	94.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	16.2	102.5	208.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.3			DAILY	0
				M-T-D	0

KE - Reactor still down due to a fuel element failure. Charge-discharged tube #4551.
Replaced tube #4552 due to a leak.

N - Work is continuing on scheduled outage.

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	KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2850	3845	6695	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	1775	3855	5630		0
3. INPUT PRODUCTION - MWD	68	3852	3920		0
4. OUTAGE HOURS	22.0	0	22.0		24.0
5. FORECAST FOR MO. TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF. M-T-D	59.5	79.4	69.4		0
	30 DAY AVG	71.2	86.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-20.8	-6.0	-26.8		0
8. FACTOR LIMITING POWER LEVEL	N.E.	B.O.			
9. ESTIMATED STARTUP TIME DATE				8-31-69	
	HOUR			1600	
10. FUEL FAILURES - NAT.	0	0	0		
M-T-D					
	ENR.	2	2		
11. WATER LEAKS - TUBE	1	0	1	MSH PSIG	0
M-T-D					
	V.S.	1	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	20.0	19.8	--	PRODUCED	0
AT 2330 HRS. OUTLET	46.0	94.7	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000	183.0	192.5	375.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	158.4			DAILY	0
				M-T-D	0

KE - Reactor resumed operation at 2200 hours, concluding an outage caused by a fuel element failure in tube #4551.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3675	3840	7515	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3550	3845	7395		0
3. INPUT PRODUCTION - MWD		2964	3843	6807		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1	196.1		3.8
6. TIME OPER. EFF.	M-T-D	61.5	80.4	70.9		0
	30 DAY AVG	71.2	86.3	78.7		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-21.0	-5.3	-26.3		
8. FACTOR LIMITING POWER LEVEL		N.E.	B.O.			
9. ESTIMATED STARTUP TIME	DATE				8-31-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	2	0	2		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	0
	V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.0	19.9	--	PRODUCED	0
	OUTLET	90.3	94.7	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		189.0	192.5	381.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		161.4			DAILY	0
					M-T-D	0

N - Work continuing during scheduled outage.

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	KE	KW	TOTAL		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3725	3840	7565	REACTION	0
2. MAX. POWER LEVEL - MW	3725	3840	7565	WPPSS	0
3. INPUT PRODUCTION - MWD	3690	3840	7530		0
4. OUTPUT THERMS	0	0	0		24.0
5. REACTOR ON NO.	TOE				
	KMWD				
6. THERM. PROD. LTR.	M-T-D				
	30 DAY AVG				
7. THERM. PRODUCTION VARIANCE					
8. THERM. PRODUCTION VARIANCE					
9. REACTOR OPERATING POWER LEVEL	N.E.	B.O.			
10. REACTOR ON NO.	DATE				
11. REACTOR ON NO.	HOUR				
12. REACTOR ON NO.	NAT.				
13. REACTOR ON NO.	ENR.				
14. REACTOR ON NO.	TUBE				
15. REACTOR ON NO.	V.S.				
16. WATER TEMP. INLET	20.0	19.5		NUCLEAR STEAM GALLS/HR.	
17. WATER TEMP. OUTLET	93.7	94.6		PRODUCED	0
18. REACTOR WATER FLOW RATE				EXPORTED	0
19. REACTOR WATER FLOW RATE	191.0	207.5	388.5		
20. REACTOR WATER FLOW RATE					
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100. REACTOR WATER FLOW RATE					

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	KE	KW	TOTAL		
1. POWER LEVEL AT 0300 FOLLOWING DAY - MW	3735	3830	7565	REACTOR	0
2. MAX. POWER LEVEL - MW	3735	3840	7575	WRPSS	0
3. TOTAL PRODUCTION - MWD	3727	3830	7555		0
4. TOTAL HOURS	0	0	0		18.0
5. FORECAST FOR MO.					
6. TOTAL C.E.R. EFF.					
7. TOTAL C.E.R. EFF. VARIANCE					
8. TOTAL C.E.R. EFF. M-T-D					
9. REACTOR RUNNING POWER LEVEL	B.O.	B.O.			
10. REACTOR RUNNING DATE					
11. REACTOR RUNNING HOUR					
12. REACTOR RUNNING NAT.					
13. REACTOR RUNNING INR.					
14. REACTOR RUNNING TUBE					
15. REACTOR RUNNING V.S.					
16. WATER TEMP. INLET	20.1	20.0		PRODUCED	0
17. WATER TEMP. OUTLET	94.3	94.7		EXPORTED	0
18. REACTOR FLOW RATE	192.0	194.5	386.5		
19. REACTOR DEMAND - MW	157.7			DAILY	0
				MAINT.	0

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		KE	KW	TOTAL		
1. POWER LEVEL AT 0000 FOLLOWING DAY - MW		0	3830	3830	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3735	3830	7565		0
3. INPUT PRODUCTION - MWD		1377	3830	5207		0
4. OUTAGE HOURS		15.0	0	15.0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1	196.1		3.8
6. THER. OPER. EFF.	M-T-D	63.7	62.8	73.2		0
	30 DAY AVG	69.1	86.3	77.7		0
7. REACTOR PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-21.5	-3.4	-24.9		
8. REACTOR LIMITING POWER LEVEL			B.O.	--		
9. ESTIMATED STARTUP TIME	DATE	8-25-69			8-30-69	
	HOUR	2400				
10. TUBE FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	3	0	3		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	0
	V.S.	1	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2300 HRS.	INLET	21.0	19.7	--	PRODUCED	0
	OUTLET	C.U.	94.3	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2300 HRS.		17.0	192.5	209.5	105-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		153.6			DAILY	0
					M-T-D	0

12 - Reactor shut down at 0900 hours on 8-24-69 due to fuel element failure in tube #4991.

14 - Scheduled outage - work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2350	3830	6180	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	800	3830	4630		0
3. INPUT PRODUCTION - MWD	5	3830	3835		0
4. OUTAGE HOURS	22.9	0	22.9		24.0
5. FORECAST FOR MO. TOE	83.0	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF. M-T-D	61.3	83.5	72.4		0
	30 DAY AVG	65.9	86.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.6	-2.8	-27.4		
8. FACTOR LIMITING POWER LEVEL	N.E.	B.O.	--		
9. ESTIMATED STARTUP TIME DATE				8-31-69	
	HOUR			1600	
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
	ENR.	3	3		
11. WATER LEAKS - TUBE	1	0	1	MSH PSIG	0
	V.S.	1	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	20.0	19.6	--	PRODUCED	0
	OUTLET	23.8	94.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	182.0	192.5	374.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	155.1			DAILY	0
				M-T-D	0

KE - Reactor startup at 2254 hours on 8-25-69

N - Work is continuing on scheduled outage.

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	KE	KW	TOTAL		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3600	3840	7440	REACTOR	0
2. MAX. POWER LEVEL - MW	3400	3840	7240	WPPSS	0
3. INPUT PRODUCTION - MWD	2649	3833	6482		0
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE 53.0	83.0	83.0		0
	KMWD 97.0	99.1	196.1		0
	M-T-D 62.8	34.2	73.5		0
	30 DAY AVG 65.9	86.3	76.1		0
6. PRODUCTION VARIANCE FROM 10/10/68 M-T-D KMWD	-25.1	-2.1	-27.2		0
7. REACTOR LIMITING POWER LEVEL	N.E.	B.O.	--		0
8. REACTOR 3	DATE				0
9. REACTOR TIME	HOOR				0
10. REACTOR -	NAT.	0	0		0
	ENR.	3	0		0
11. REACTOR LEAKS -	TUBE	1	0		0
	V.S.	1	0		0
12. WATER TEMP.	INLET	19.1	19.0		0
AT 1330 HRS.	OUTLET	86.8	94.0		0
13. REACTOR WATER FLOW RATE AT 1330 HRS. - PM + 1000		190.0	192.5		0
14. REACTOR DEMAND - MW		159.7			0

1 - Work continuing during scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3750	3850	7600	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3715	3850	7565		0
3. INPUT PRODUCTION - MWD	3616	3849	7465		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
	M-T-D	64.2	84.7		0
6. TIME OPER. EFF.	30 DAY AVG	65.9	86.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.6	-1.5	-26.1		-33.1
8. FACTOR LIMITING POWER LEVEL		B.O.			
9. ESTIMATED STARTUP TIME	DATE			8-31-69	
	HOUR			1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	3	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.1	19.0	PRODUCED	0
	OUTLET	92.9	94.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000	191.0	192.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	159.8			DAILY	0
				M-T-D	0

N - Work continuing during scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800	3855	7655	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3780	3855	7635		0
3. INPUT PRODUCTION - MWD	3758	3852	7610		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	65.5	85.3		0
	30 DAY AVG	65.9	86.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.0	-0.8	-24.8		-34.3
8. FACTOR LIMITING POWER LEVEL	N.E.	B.O.			
9. SCHEDULED STARTUP TIME	DATE			8-31-69	
	HOUR			1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	3	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2300 HRS.	INLET	19.0	18.8	PRODUCED	0
	OUTLET	94.1	94.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2300 - GPM ÷ 1000	191.0	192.0	383.0	100-NET KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	0

159.3

1. - Work is continuing during scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800	3865	7665	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3800	3865	7665		0
3. INPUT PRODUCTION - MWD	3795	3860	7655		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.				/ / / / / / / / / /	
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	18.9	18.8	--	PRODUCED	0
	OUTLET	94.4	94.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	192.0	192.5	384.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	160.9			DAILY	0
				M-T-D	0

N - Scheduled work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800	3865	7665	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3800	3865	7665		0
3. INPUT PRODUCTION - MWD	3800	3865	7665		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.9	PRODUCED	0
	OUTLET	94.5	94.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	192.5	384.5	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	157.3			DAILY	0
				M-T-D	0

N - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3780	3865	7645	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3800	3865	7665		0
3. INPUT PRODUCTION - MWD	3794	3865	7659		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0		3.2
	KMWD	97.0	99.1		3.8
6. TIME OPER. EFF.	M-T-D	68.8	86.7		0
	30 DAY AVG	71.1	86.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-22.1	+1.1	-21.0		-3.8
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	3	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	2	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.3	19.3	PRODUCED	0
	OUTLET	94.8	94.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.5	192.5	384.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	157.1			DAILY	0
				M-T-D	0

N - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3780	3855	7635	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3780	3865	7645		0
3. INPUT PRODUCTION - MWD	3780	3862	7642		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	B.O.	--		
9. ESTIMATED DATE				9-3-69	
STARTUP TIME HOUR				0800	
10. FUEL FAILURES - NAT.				/ / / / /	
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	15
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	19.9	19.5	--	PRODUCED	0
AT 2330 HRS. OUTLET	94.7	94.7	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	191.0	192.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	159.9			DAILY	0
				M-T-D	0

N - Reactor is continuing down to complete several maintenance items.

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		KE	KW	TOTAL	N	
					REACTOR	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3790	3855	7645	WPPSS	0
2. MAX. POWER LEVEL - MW		3780	3855	7635		0
3. INPUT PRODUCTION - MWD		3780	3855	7635		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.0	83.0	83.0		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	100.0	100.0	100.0		0
	30 DAY AVG	76.7	86.3	81.5		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+1.4	+1.5	+2.9		-6.9
8. FACTOR LIMITING POWER LEVEL		B.O.	B.O.	--		
9. ESTIMATED STARTUP TIME	DATE				9-3-69	
	HOUR				2400	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	10
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.0	18.8	--	PRODUCED	0
	OUTLET	94.0	94.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	192.5	382.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		161.4			DAILY	0
					M-T-D	0

N - Reactor is continuing down to complete several maintenance items required for startup.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	0	3800	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3790	3860	7650		0
3. INPUT PRODUCTION - MWD		3788	2980	6768		0
4. OUTAGE HOURS		0	5.4	5.4		24.0
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	100.0	92.5	96.2		0
	30 DAY AVG	79.7	85.5	82.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+2.0	+1.4	+3.4		-10.4
8. FACTOR LIMITING POWER LEVEL		B.O.		---		
9. ESTIMATED STARTUP TIME	DATE		9-5-69		9-5-69	
	HOUR		1030		0800	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	10
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.3	18.5	--	PRODUCED	0
	OUTLET	93.6	C.U.	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.5	30.0	221.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		158.2			DAILY	0
					M-T-D	0

KW - Reactor manually scrambled at 1833 hours due to a flame-out in the #1 boiler.
Charge-discharge in progress.

N - Maintenance work required before startup is continuing.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3825	0	3825	REACTOR	1000
					WPPSS	0
2. MAX. POWER LEVEL - MW		3810	0	3810		0
3. INPUT PRODUCTION - MWD		3806	0	3806		0
4. OUTAGE HOURS		0	24.0	24.0		24.0
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	100.0	69.4	84.7		0
	30 DAY AVG	82.5	82.2	82.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+2.8	-1.7	+1.1		-13.8
8. FACTOR LIMITING POWER LEVEL		B.O.				
9. ESTIMATED STARTUP TIME	DATE		9-7-69			
	HOUR		0800			
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUB	0	0	0	MSH PSIG	10
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.8	19.2	---	PRODUCED	0
	OUTLET	93.6	C.U.	---	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.5	15.5	107.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		109.4			DAILY	0
					M-T-D	0

KW - Reactor is continuing down for charge-discharge.

N - Completed miscellaneous maintenance.

9-5-69 (12-8)

N - Reactor resumed operation at 0006 hours.

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1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	KE	KW	TOTAL	N	
				REACTOR	2500
	3835	0	3835	WPPSS	470
2. MAX. POWER LEVEL - MW	3825	0	3825		2800
3. INPUT PRODUCTION - MWD	3823	0	3823		1454
4. OUTAGE HOURS	0	24.0	24.0		1.5
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	B.O.		--		N.E.
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	82
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.0	19.1	--	PRODUCED 4907
	OUTLET	93.9	C.U.	--	EXPORTED 3243
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.5	13.0	204.5	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	111.2			DAILY	54.0 X 10 ⁵
				M-T-D	54.0 X 10 ⁵

KW - Charge-discharge and maintenance work are continuing.

N - Reactor resumed operation at 0006 hours concluding an extended outage for effluent control program. The reactor was again down at 2235 hours due to a flow monitor trip.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	3400
				WPPSS	740
2. MAX. POWER LEVEL - MW	3835	0	3835		3300
3. INPUT PRODUCTION - MWD	2452	0	2452		2346
4. OUTAGE HOURS	8.5	24.0	32.5		2.2
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	114
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.0	19.6	PRODUCED	8032
	OUTLET	C.U.	C.U.	EXPORTED	7165
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.0	13.2	185-N BLDG KWH OUTPUT	
			30.2		
14. PEAK ELECT. DEMAND - MW	102.8			DAILY	107.1X10 ⁵
				M-T-D	161.1X10 ⁵

KE - Reactor shut down at 1530 hours due to excessive water collection.

KW - Completed charge-discharge. Maintenance work is continuing.

N - Reactor resumed operation at 0210 hours concluding an outage caused by a flow monitor trip.

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1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	KE	KW	TOTAL	N	
				REACTOR	WPPSS
	0	3300	3300	3700	771
2. MAX. POWER LEVEL - MW	0	2870	2870	3600	
3. INPUT PRODUCTION - MWD	0	790	790	3414	
4. OUTAGE HOURS	24.0	15.3	39.3	0	
5. FORECAST FOR MO.	TOE	83.3	83.3	90.0	
	KMWD	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	80.7	62.7	40.7	
	30 DAY AVG	78.0	79.0	9.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-0.3	-10.2	-10.5	-17.0	
8. FACTOR LIMITING POWER LEVEL		N.E.		N.E.	
9. ESTIMATED STARTUP TIME	DATE	9-9-69			
	HOUR	0001			
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	1	MSH PSIG	125
	V.S.	0	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	20.2	--	PRODUCED	12,705
	OUTLET	C.U.	--	EXPORTED	11,495
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.2	191.5	208.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.1			DAILY	176.7X10 ⁵
				M-T-D	337.8X10 ⁵

KE - Charge-discharge 94 metal and water leak tested headers 1 through 17. Found tube 1788 to be leaking. Removal of leaking tube in progress.

KW - Reactor resumed operation at 1520 hours concluding an outage caused by a flame-out in #1 boiler. A cracked rear Van Stone was found on tube 5771, causing a leak. A Process Standard Authorization was received to operate with a Van Stone insert in this tube and the tube will be replaced during a future outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2100	0	2100	REACTOR	3850
				WPPSS	800
2. MAX. POWER LEVEL - MW	0	3370	3370		3850
3. INPUT PRODUCTION - MWD	0	1714	1714		3742
4. OUTAGE HOURS	24.0	10.7	34.7		0
5. FORECAST FOR MO. TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0		103.7
6. TIME OPER. EFF. M-T-D	70.6	46.1	58.4		48.1
	30 DAY AVG	74.7	80.0		77.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.4	-11.6	-15.0		-16.7
8. FACTOR LIMITING POWER LEVEL.					N.E.
9. ESTIMATED STARTUP TIME DATE		9-9-69			
	HOUR	2100			
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	129
	V.S.	1	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	20.3	19.2	--	PRODUCED	12,877
	OUTLET	C.U.	20.2	EXPORTED	12,032
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.3	62.5	78.8	185-N BLOG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	108.6			DAILY	185.6x10 ⁵
				M-T-D	523.4x10 ⁵

KE - Completed charge-discharge and the replacement of process tube 1788 due to a rear Van Stone failure.

KW - Reactor was down from 1244 hours until 1320 hours due to an unexplained panellit trip on gauge 4850. The reactor was again scrambled at 1352 hours due to a trip on the high speed scanning system caused when the rate-of-change limits were exceeded. Removal of process tube 5771 due to a cracked rear Van Stone is in progress.

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KE - Reactor resumed operation at 0441 hours.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3450	2445	5895	REACTOR	3900
					WPPSS	800
2. MAX. POWER LEVEL - MW		3300	2200	5500	3900	
3. INPUT PRODUCTION - MWD		2133	165	2298	3882	
4. OUTAGE HOURS		4.7	20.7	25.4	0	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	71.7	42.5	57.1	53.8	
	30 DAY AVG	74.0	77.1	75.6	16.6	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.3	-14.5	-18.8	-16.3	
8. FACTOR LIMITING POWER LEVEL		N.E.	N.E.	--	N.E.	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	129
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.6	19.1	--	PRODUCED	13,359
	OUTLET	85.1	60.2	--	EXPORTED	12,362
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		188.0	190.5	378.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		159.8			DAILY	191.2X10 ⁵
					M-T-D	714.6X10 ⁵

KE - Reactor resumed operation at 0441 hours concluding an outage caused by excessive water collection.

KW - Reactor resumed operation at 2044 hours. Completed the removal and replacement of process tube 5771 due to a cracked rear Van Stone.

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		KE	KW	TOTAL	N	
					REACTOR	WPPSS
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3695	3280	6975	0	0
2. MAX. POWER LEVEL - MW		3625	3000	6625	3900	
3. INPUT PRODUCTION - MWD		3462	2555	6017	1808	
4. OUTAGE HOURS		0	0	0	12.7	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	74.5	48.3	61.4	53.2	
	30 DAY AVG	74.0	77.1	75.6	17.7	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.0	-15.1	-19.1	-18.0	
8. FACTOR LIMITING POWER LEVEL		N.E.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				9-11-69	
	HOUR				1200	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	35
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	19.7	19.8	--	PRODUCED	7,228
	OUTLET	91.6	77.5	--	EXPORTED	5,752
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	192.0	383.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		159.2			DAILY	88.8x10 ⁵
					M-T-D	803.4x10 ⁵

N - Reactor shut down at 1118 hours when Washington Public Power Supply System (WPPSS) #2 turbine tripped off.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3755	3625	7380	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3745	3470	7215		0
3. INPUT PRODUCTION - MWD	3705	3305	7010		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	83.3	83.3		90.0
	KMWD	93.0	93.0		103.7
6. TIME OPER. EFF.	M-T-D	76.8	53.0		48.3
	30 DAY AVG	75.9	77.1		17.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.4	-14.9	-18.3		-21.4
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE			9-12-69	
	HOUR			0900	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0
	ENR.	0	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG 33
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET	19.8	19.5	--	PRODUCED 0
	OUTLET	94.0	86.8	--	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	192.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 162.0	DAILY			0	
	M-T-D			803.4X10 ⁵	

N - Reactor is continuing down for maintenance work. A major overhaul of the shield temperature scanner is in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3755	3800	7555	REACTOR	500
				WPPSS	0
2. MAX. POWER LEVEL - MW	3755	3760	7515	600	
3. INPUT PRODUCTION - MWD	3753	3634	7387	63	
4. OUTAGE HOURS	0	0	0	18.2	
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	12
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	19.7	19.6	--	PRODUCED	202
	OUTLET	94.4	92.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	192.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	161.2			DAILY	0
				M-T-D	803.4x10 ⁵

N - Reactor resumed operation at 0844 hours concluding an outage caused by the loss of Washington Public Power Supply System (WPPSS) #2 turbine. The reactor shut down again at 1430 hours for replacement of an incorrectly installed water seal gasket in Cell #4.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3775	0	3775	REACTOR	3200
				WPPSS	687
2. MAX. POWER LEVEL - MW	3765	3800	7565		3100
3. INPUT PRODUCTION - MWD	3755	1557	5312		736
4. OUTAGE HOURS	0	14.0	14.0		5.7
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.				N.E.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - TUBE				MSH PSIG	110
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	18.9	20.1	--	PRODUCED	2480
	OUTLET	C.U.	--	EXPORTED	990
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	18.0	209.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	159.9			DAILY	55.0X10 ⁵
				M-T-D	858.4X10 ⁵

KW - Reactor shut down at 1000 hours for scheduled charge-discharge. At 1900 hours, following the discharging of fuel elements from tubes on row 41, a high radiation reading in the discharge area indicated that a fuel element was caught in the vicinity of tube 3893. Action to locate and remove the fuel element was initiated.

N - Reactor resumed operation at 0415 hours. The reactor was again down from 2115 hours until 2245 hours to perform a rod scram test.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3775	0	3775	REACTOR	3500
				WPPSS	740
2. MAX. POWER LEVEL - MW	3775	0	3775		3300
3. INPUT PRODUCTION - MWD	3773	0	3773		3095
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE 83.3	83.3	83.3		90.0
	KMWD 93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D 81.8	51.8	66.8		52.3
	30 DAY AVG 79.4	77.5	78.5		24.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-1.4	-19.0	-20.4		-27.9
8. FACTOR LIMITING POWER LEVEL	B.O.		--		N.E.
9. ESTIMATED STARTUP TIME	DATE 9-16-69				
	HOUR 1600				
10. FUEL FAILURES - M-T-D	NAT. 0	0	0	/ / / / /	
	ENR. 0	0	0		
11. WATER LEAKS - M-T-D	TUBE 0	0	0	MSH PSIG	115
	V.S. 1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 19.0	20.0	--	PRODUCED	10,542
	OUTLET 94.0	C.U.	--	EXPORTED	9,000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	18.0	209.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.2			DAILY	155.1X10 ⁵
				M-T-D	1013.5X10 ⁵

KW - Reactor is continuing down for scheduled charge-discharge. An enriched fuel element was located and successfully removed from between the rear nozzle and rear pigtail of tube 4093 without any significant radiation or contamination incidents. Time loss of 11 hours resulted.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	0	3800	REACTOR	3900
					WPPSS	800
2. MAX. POWER LEVEL - MW		3800	0	3800		3800
3. INPUT PRODUCTION - MWD		3779	0	3779		3563
4. OUTAGE HOURS		0	24.0	0		0
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	83.0	48.3	65.7		55.4
	30 DAY AVG	79.4	74.2	76.8		27.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.7	-22.1	-22.8		-27.8
8. FACTOR LIMITING POWER LEVEL		B.O.		--		N.E.
9. ESTIMATED STARTUP TIME	DATE		9-16-69			
	HOUR		1600			
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.5	20.0	--	PRODUCED	12,250
	OUTLET	94.0	C.U.	--	EXPORTED	11,600
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		191.5	13.0	204.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		146.2			DAILY	180.0X10 ⁵
					M-T-D	1193.5X10 ⁵

KW - Completed charge-discharge. Miscellaneous maintenance work as required is in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	2705	6505	REACTOR	3930
					WPPSS	800
2. MAX. POWER LEVEL - MW		3800	2500	6300		3930
3. INPUT PRODUCTION - MWD		3800	119	3919		3896
4. OUTAGE HOURS		0	21.0	21.0		0
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	84.1	46.0	65.1		58.2
	30 DAY AVG	79.4	71.2	75.3		31.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		0	-25.1	-25.1		-27.3
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	--		ADM
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.5	18.2	-	PRODUCED	13,424
	OUTLET	94.0	57.0	-	EXPORTED	12,562
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	189.5	380.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		160.5			DAILY	191.7X10 ⁵
					M-T-D	1385.2X10 ⁵

KW - Reactor resumed operation at 1800 hours concluding a scheduled outage. The reactor was again down from 1827 hours until 1905 hours due to a low panellit trip on gauge 3648 and was again down from 1937 hours until 2200 hours to investigate abnormal tube pressure decrease and temperature increase on tube 3648. The examination of the rear hardware and downstream dummies failed to reveal anything abnormal.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3575	3575	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800	3515	7315	3930	
3. INPUT PRODUCTION - MWD		2425	2957	5382	3393	
4. OUTAGE HOURS		8.5	0	8.5	2.7	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	82.9	49.2	66.1	60.0	
	30 DAY AVG	78.7	71.2	75.0	47.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.7	-25.2	-25.9	-27.4	
8. FACTOR LIMITING POWER LEVEL			N.E.			
9. ESTIMATED STARTUP TIME	DATE	9-20-69			9-19-69	
	HOUR	0200			0400	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	1	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	21
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.9	18.3	--	PRODUCED	11,618
	OUTLET	21.0	85.7	--	EXPORTED	10,700
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		60.0	195.5	255.5	185-M BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		161.0			DAILY	165.0X10 ⁵
					M-T-D	1550.2X10 ⁵

KE - Reactor shut down at 1530 hours for scheduled work. Charge-discharge in progress.

N - Reactor shut down at 2120 hours due to a fuel element failure suspect in tube 1351.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3625	3625	REACTOR	0
				WPRES	0
2. MAX POWER LEVEL - MW	0	3610	3610		0
3. INPUT PRODUCTION - MWD	0	3578	3578		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO. TOE	85.3	83.3	83.3		90.7
	KMWD	93.0	93.0		103.7
6. TIME OPER. EFF. M-T-D	78.3	52.1	65.2		56.7
	30 DAY AVG	78.7	71.2		47.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.8	-24.7	-28.5		-30.8
8. FACTOR LIMITING POWER LEVEL		N.E.	--		
9. ESTIMATED STARTUP TIME DATE	9-20-69			9-19-69	
	HOUR	0200		1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		1
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	8
	V.S.	1	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	20.0	18.5	--	PRODUCED	0
	OUTLET	C.U.	88.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	13.7	195.5	209.2	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.4			DAILY	0
				M-T-D	1550.2X10 ⁵

KE - Reactor is continuing down for scheduled work. Completed discharge of "Borets" thoria. Charging of natural fuel elements in progress.

N - Reactor is continuing down for miscellaneous maintenance work as required.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	1	3655	3656	REACTOR	175
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3655	3655		0
3. INPUT PRODUCTION - MWD	0	3639	3639		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		N.F.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	13
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.8	18.2	PRODUCED	0
	OUTLET	23.1	88.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		180.0	195.5	375.5	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	155.4			DAILY	0
				M-T-D	1550.2X10 ⁵

KE - Scheduled work is continuing.

N - Startup preparation is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3250	3680	6930	REACTOR	3200
				WPPSS	661
2. MAX. POWER LEVEL - MW	3000	3670	6670	3100	
3. INPUT PRODUCTION - MWD	1262	3663	4925	1314	
4. OUTAGE HOURS	5.1	0	5.1	7.3	
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--	N.E.	
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	118
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	18.7	18.4	--	PRODUCED	449
	OUTLET	76.3	89.1	EXPORTED	444.5
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	186.5	195.5	382.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	158.1			DAILY	54.8x10 ⁵
				M-T-D	1604.7x10 ⁵

KE - Reactor resumed operation at 0505 hours concluding a scheduled outage.

N - Reactor resumed operation at 0718 hours concluding an outage caused by a fuel element failure.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3675	3710	7385	REACTOR	3900
					WPPSS	780
2. MAX. POWER LEVEL - MW		3675	3700	7375	3700	
3. INPUT PRODUCTION - MWD		3388	3685	7073	3240	
4. OUTAGE HOURS		0	0	0	0	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	75.6	58.9	77.3	56.7	
	30 DAY AVG	77.7	71.2	74.5	39.7	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.4	-23.1	-31.5	-36.7	
8. FACTOR LIMITING POWER LEVEL		N.E.	N.E.	--	N.E.	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	125
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.6	18.7	--	PRODUCED	11,184
	OUTLET	91.1	89.8	--	EXPORTED	10,400
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		188.0	195.5	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		159.1			DAILY	160.7X10 ⁵
					M-T-D	1765.4X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	3725	7475	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3750	3725	7475	3800	
3. INPUT PRODUCTION - MWD		3692	3714	7406	3794	
4. OUTAGE HOURS		0	0	0	0	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	76.7	60.8	68.8	58.6	
	30 DAY AVG	77.7	71.2	74.5	43.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.8	-22.4	-30.2	-36.3	
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	1	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	132
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.4	18.3	--	PRODUCED	13,136
	OUTLET	92.9	89.9	--	EXPORTED	12,500
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	195.5	385.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		160.4			DAILY	190.0X10 ⁵
					M-T-D	1955.4X10 ⁵

9-23-69 (12-8)

N - Reactor scrambled at 0725 hours due to an unexplained high zone temperature monitor trip. Investigation of cause in progress.

NOT ASSIGNED

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3810	3730	7540	REACTOR	500
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800	3730	7530	3800	
3. INPUT PRODUCTION - MWD		3765	3726	7491	1174	
4. OUTAGE HOURS		0	0	0	16.6	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	77.8	62.5	70.1	57.4	
	30 DAY AVG	79.8	71.2	75.5	44.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.2	-21.8	-29.0	-38.6	
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	1	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	25
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.1	18.0	--	PRODUCED	4,065
	OUTLET	93.7	90.0	--	EXPORTED	3,339
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	194.5	384.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 162.2					DAILY	59.7X10 ⁵
					M-T-D	2015.1X10 ⁵

N - Reactor scrambled at 0725 hours due to a high zone temperature monitor trip. The cause could not be determined. Other miscellaneous maintenance work was completed.

9-24-69 (12-8)

N - Reactor resumed operation at 0540 hours.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3820	3735	7555	REACTOR	3200
					WPPSS	660
2. MAX. POWER LEVEL - MW		3820	3740	7560	3000	
3. INPUT PRODUCTION - MWD		3813	3733	7546	1027	
4. OUTAGE HOURS		0	0	0	5.7	
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3	90.0	
	KMWD	93.0	93.0	186.0	103.7	
6. TIME OPER. EFF.	M-T-D	78.7	64.0	71.4	58.2	
	30 DAY AVG	82.9	71.2	77.1	46.6	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.5	-21.2	-27.7	-41.1	
8. FACTOR LIMITING POWER LEVEL		B.O.	I.A.L.	--	N.E.	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	1	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	112
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.4	18.2	--	PRODUCED	3,502
	OUTLET	94.4	90.4	--	EXPORTED	3,400
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	194.5	384.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 160.2					DAILY	43.4X10 ⁵
					M-T-D	2058.5X10 ⁵

N - Reactor resumed operation at 0540 hours concluding an unexplained high zone temperature monitor trip.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3820	3740	7560	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3820	3740	7560	3250	
3. INPUT PRODUCTION - MWD	3820	3735	7555	2425	
4. OUTAGE HOURS	0	0	0	5.3	
5. FORECAST FOR MO.	TOE	83.3	83.3	90.0	
	KMWD	93.0	93.0	103.7	
6. TIME OPER. EFF.	M-T-D	79.5	65.5	59.0	
	30 DAY AVG	82.9	71.2	49.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.8	-20.5	-26.3	-42.0	
8. FACTOR LIMITING POWER LEVEL	B.O.	I.A.L.	--	--	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	1	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	40
	V.S.	1	1	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.2	18.0	PRODUCED	8,303
	OUTLET	94.1	90.1	EXPORTED	7,725
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	194.5	385.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 161.0				DAILY	119.3x10 ⁵
				M-T-D	2177.8x10 ⁵

N - Reactor was down from 1823 hours until 1925 hours due to a flow monitor trip caused by the loss of #3 drive turbine (motor bearing froze). The reactor was again scrambled manually at 1945 hours due to faulty mercoid in #3 drive turbine.

9-26-69 (12-8)

N - Reactor resumed operation at 0800 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3820	0	3820	REACTOR	3100
				WPPSS	657
2. MAX. POWER LEVEL - MW	3820	3740	7560	2700	
3. INPUT PRODUCTION - MWD	3820	3739	7559	402	
4. OUTAGE HOURS	0	0	0	10.6	
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	I.A.L.	--	N.E.	
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - NAT.				/ / / / /	
M-T-D	ENR.				
11. WATER LEAKS - TUBE				MSH PSIG	119
M-T-D	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	18.2	18.0	--	PRODUCED	1,329
AT 2330 HRS. OUTLET	94.2	90.3	--	EXPORTED	261
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	194.5	385.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	161.3			DAILY	20.2X10 ⁵
				M-T-D	2198.0X10 ⁵

N - Reactor resumed operation at 0800 hours concluding a scram outage caused by a faulty #3 drive turbine mercoïd. The reactor was again scrammed from 1612 hours until 1846 hours by a flow monitor trip when the #3 drive turbine tripped off due to a faulty oil pump.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3820	0	3820	REACTOR	3600
				WPPSS	734
2. MAX. POWER LEVEL - MW	3820	3745	7565		3200
3. INPUT PRODUCTION - MWD	3820	475	4295		3090
4. OUTAGE HOURS	0	20.9	20.9		0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.		--		N.E.
9. ESTIMATED DATE STARTUP TIME HOUR					
10. FUEL FAILURES - NAT. M-T-D ENR.					
11. WATER LEAKS - TUBE M-T-D V.S.				MSH PSIG	119
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET AT 2330 HRS. OUTLET	18.0 94.1	15.4 19.2	-- --	PRODUCED	10,589
				EXPORTED	10,720
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	15.4	205.9	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	155.0			DAILY	155.6X10 ⁵
				M-T-D	2353.6X10 ⁵

KW - Reactor shut down at 0303 hours due to flame-out in #3 boiler. Small charge-discharge and miscellaneous maintenance work were completed.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3820	3010	6830	REACTOR	3950
					WPPSS	794
2. MAX. POWER LEVEL - MW		3820	2500	6320		3900
3. INPUT PRODUCTION - MWD		3820	305	4125		3671
4. OUTAGE HOURS		0	19.5	19.5		0
5. FORECAST FOR MO.	TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0	186.0		103.7
6. TIME OPER. EFF.	M-T-D	81.7	63.2	72.4		61.8
	30 DAY AVG	82.9	65.6	74.3		57.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.6	-25.3	-28.9		-45.3
8. FACTOR LIMITING POWER LEVEL		B.O.	N.E.	--		N.E.
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	1	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.5	18.3	--	PRODUCED	12,555
	OUTLET	94.7	66.0	--	EXPORTED	12,429
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.5	193.0	383.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		159.4			DAILY	181.9X10 ⁵
					M-T-D	2535.5X10 ⁵

KW - Reactor resumed operation at 1930 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3820	3700	7520	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3820	3660	7480	4000	
3. INPUT PRODUCTION - MWD	3820	3202	7022	3943	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO.	TOE	83.3	83.3	90.0	
	KMWD	93.0	93.0	103.7	
6. TIME OPER. EFF.	M-T-D	82.4	64.4	73.4	
	30 DAY AVG	82.9	65.6	74.3	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.9	-25.2	-28.1	-44.8	
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--	ADM	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	
	ENR.	0	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	0	0	
	V.S.	1	1	2	
12. WATER TEMP. AT 2330 HRS.	INLET	18.2	18.1	--	
	OUTLET	94.3	88.5	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	195.0	386.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 161.0				DAILY	190.8X10 ⁵
				M-T-D	2726.3X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3820	3785	7605	REACTOR	4000
				WPPSS	797
2. MAX. POWER LEVEL - MW	3820	3775	7595		4000
3. INPUT PRODUCTION - MWD	3820	3729	7549		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE	83.3	83.3	83.3		90.0
	KMWD	93.0	93.0		103.7
	M-T-D	82.9	65.6		64.4
6. TIME OPER. EFF. 30 DAY AVG	82.9	65.6	74.3		64.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.1	-24.6	-26.7		-44.2
8. FACTOR LIMITING POWER LEVEL	B.O.	N.E.	--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
	ENR.	0	0		1
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	130
	V.S.	1	2	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	17.9	17.8	--	PRODUCED	13,640
	OUTLET	94.0	90.5	EXPORTED	12,980
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	190.5	195.0	385.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	160.4			DAILY	191.6X10 ⁵
				M-T-D	2917.9X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3830	3785	7615	REACTOR	4000
				WPPSS	793
2. MAX. POWER LEVEL - MW	3820	3785	7605		4000
3. INPUT PRODUCTION - MWD	3820	3784	7604		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	100.0	100.0		100.0
	30 DAY AVG	82.9	65.6		67.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+0.7	+0.6	+1.3		+1.3
8. FACTOR LIMITING POWER LEVEL	B.O.	I.A.L.	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.5	17.3	PRODUCED	13,720
	OUTLET	93.6	90.5	EXPORTED	13,055
13. REACTOR WATER FLOW RATE AT 2000 - GPM ÷ 1000	190.0	194.5	384.5	185--N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 161.1				DAILY	191.4X10 ⁵
				M-T-D	191.4X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3830	3785	7615	REACTOR	4000
					WPPSS	800
2. MAX. POWER LEVEL - MW		3830	3785	7615	4000	
3. INPUT PRODUCTION - MWD		3830	3785	7615	4000	
4. OUTAGE HOURS		0	0	0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3	61.3	
	KMWD	96.8	97.6	194.4	73.0	
6. TIME OPER. EFF.	M-T-D	100.0	100.0	100.0	100.0	
	30 DAY AVG	82.9	65.6	74.3	71.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+ 1.4	+1.3	+2.7	+2.6	
8. FACTOR LIMITING POWER LEVEL		B.O.	I.A.L.	--	ADM	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	<div></div> 0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.1	17.0	--	PRODUCED	13,652
	OUTLET	93.4	90.0	--	EXPORTED	13,038
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	194.5	385.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 159.3					DAILY	191.9X10 ⁵
					M-T-D	383.3X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3830	3785	7615	REACTOR	4000
				WPPSS	308
2. MAX. POWER LEVEL - MW	3830	3785	7615		4000
3. INPUT PRODUCTION - MWD	3830	3785	7615		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	I.A.L.	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.0	16.7	PRODUCED	13,800
	OUTLET	93.3	89.8	EXPORTED	13,087
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	195.0	185-N BLDG KWH OUTPUT	
			386.0	DAILY	193.3X10 ⁵
14. PEAK ELECT. DEMAND - MW				M-T-D	576.6X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3830	3785	7615	REACTOR	4000
				WPPSS	808
2. MAX. POWER LEVEL - MW	3830	3785	7615		4000
3. INPUT PRODUCTION - MWD	3830	3785	7615		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	B.O.	I.A.L.	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.9	16.8	PRODUCED	13,800
	OUTLET	93.2	89.8	EXPORTED	13,108
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	194.5	385.5	185--N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW				DAILY	191.6X10 ⁵
				M-T-D	768.2X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3830	3785	7615		4000
3. INPUT PRODUCTION - MWD	2226	3785	6011		4000
4. OUTAGE HOURS	10.0	0	10.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
	M-T-D	91.7	100.0		100.0
6. TIME OPER. EFF.	30 DAY AVG	81.6	73.0		77.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+ 1.9	+3.2	+5.1		+6.5
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE	10-10-69			
	HOUR	1600			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.9	16.9	PRODUCED	13,800
	OUTLET	C.U.	89.8	EXPORTED	13,046
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	19.5	194.5	214.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	157.9			DAILY	191.3X10 ⁵
				M-T-D	950.5X10 ⁵

KE - Reactor shut down at 1400 hours for scheduled work. Charge-discharge in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3785	3785	REACTOR	4000
					WPPSS	815
2. MAX. POWER LEVEL - MW		0	3785	3785		4000
3. INPUT PRODUCTION - MWD		0	3785	3785		4000
4. OUTAGE HOURS		24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3		61.3
	KMWD	96.8	97.6	194.4		73.0
6. TIME OPER. EFF.	M-T-D	76.4	100.0	88.2		100.0
	30 DAY AVG	79.4	76.4	77.9		78.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.2	+3.8	+2.6		+7.8
8. FACTOR LIMITING POWER LEVEL			I.A.L.			ADM
9. ESTIMATED STARTUP TIME	DATE	10-10-69				
	HOUR	1600				
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.0	16.8	--	PRODUCED	13,800
	OUTLET	C.U.	89.8	--	EXPORTED	13,112
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.7	195.0	212.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		105.2			DAILY	193.8x10 ⁵
					M-T-D	1153.3x10 ⁵

KE - Reactor is continuing down for scheduled work. Wall thickness measurement (WTG) of process tubes in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3785	3785		4000
3. INPUT PRODUCTION - MWD	0	3785	3785	2768	2860
4. OUTAGE HOURS	24.0	0	24.0		7.1
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	65.5	100.0		95.8
	30 DAY AVG	79.4	78.5		77.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-4.4	+4.5	+0.1		+8.0
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE	10-10-69			10-10-69
	HOUR	1200			2400
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.2	16.5	PRODUCED	8,979
	OUTLET	C.U.	89.5	EXPORTED	6,866
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.7	195.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	133.0X10 ⁵
				M-T-D	1286.1X10 ⁵

KE - Scheduled work is continuing. Completed wall thickness measurement (WTG) of 226 process tubes and "Through Reactor Decontamination" test (PTA-158). Charge-discharge in progress.

N - Reactor shut down at 1655 hours for a scheduled control rod scram test and plant maintenance.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3785	3785		0
3. INPUT PRODUCTION - MWD	0	3785	3785		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	194.4		73.0
6. TIME OPER. EFF.	M-T-D	57.3	100.0		83.8
	30 DAY AVG	79.4	79.7		73.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-7.5	+5.1	-2.4		+8.0
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE	10-10-69			10-10-69
	HOUR	1200			2400
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	17.8	16.3	PRODUCED	0
	OUTLET	C.U.	89.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.8	195.0	211.8	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 108.1				DAILY	0
				M-T-D	1286.1X10 ⁵

KE - Scheduled charge-discharge is continuing.

N - Scheduled maintenance work as required is in progress.

Correction: Item 3 for N Reactor on the report of 10-7-69 should have read 2768 instead of 2860 as reported.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3785	3785		0
3. INPUT PRODUCTION - MWD	0	3785	3785		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	50.9	100.0		74.5
	30 DAY AVG	76.7	82.9		70.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-10.6	+5.8	-4.8		+5.6
8. FACTOR LIMITING POWER LEVEL		I.A.L	--		
9. ESTIMATED STARTUP TIME	DATE	10-11-69			10-10-69
	HOUR	0800			2400
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	20
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	18.0	16.2	PRODUCED	0
	OUTLET	C.U.	89.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.0	195.0	211.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.7			DAILY	0
				M-T-D	1286.1X10 ⁵

KE - Scheduled charge-discharge and maintenance work are continuing.

N - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3785	3785		0
3. INPUT PRODUCTION - MWD	0	3785	3785		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		
9. ESTIMATED DATE					
STARTUP TIME HOUR					
10. FUEL FAILURES - NAT.					
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	18
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	17.8	16.0	--	PRODUCED	0
AT 2330 HRS. OUTLET	C.U.	89.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.3	195.0	210.3	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	154.0			DAILY	0
				M-T-D	1286.1X10 ⁵

KE - Scheduled charge-discharge continuing.

N - Scheduled maintenance continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	2200
				WPPSS	390
2. MAX. POWER LEVEL - MW	0	3785	3785		2500
3. INPUT PRODUCTION - MWD	0	3785	3785		386
4. OUTAGE HOURS	24.0	0	24.0		16.2
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	37
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.0	16.0	PRODUCED	1450
	OUTLET	17.5	89.0	EXPORTED	774
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		178.0	195.0	185-N BLDG KWH OUTPUT	
			373.0	DAILY	1.2X10 ⁵
14. PEAK ELECT. DEMAND - MW				M-T-D	1287.3X10 ⁵

KE - Completed charge-discharge. Maintenance work in process. A functional test of the diesel crosstie line check valves revealed that the check valve in the "A" riser emergency water line failed to operate.

N - Reactor resumed operation at 1047 hours concluding a scheduled outage. The reactor was again down from 1826 hours until 2352 hours due to a flow monitor trip caused by toggle valve leakage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3785	3785	REACTOR	2000
				WPPSS	305
2. MAX. POWER LEVEL - MW	0	3785	3785		3200
3. INPUT PRODUCTION - MWD	0	3785	3785		2422
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF. M-T-D	38.2	100.0	69.1		66.9
	30 DAY AVG	66.7	82.9		72.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-20.0	+7.6	-12.4		+1.3
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		N.E.
9. ESTIMATED STARTUP TIME DATE	10-13-69				
	HOUR	1600			
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	16.9	15.1	--	PRODUCED	8,283
	OUTLET	C.U.	88.2	EXPORTED	6,220
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.0	195.0	212.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	153.8			DAILY	11.1X10 ⁵
				M-T-D	1298.4X10 ⁵

KE - The check valve in the "A" riser emergency process water line was removed, inspected, repaired, and reinstalled. Tests on check valve for reliability are in progress.

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N - Reactor was down from 0312 hours until 0507 hours due to an unexplained trip; cause unknown.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3800	3800	REACTOR	3275
				WIPSS	703
2. MAX. POWER LEVEL - MW	0	3795	3795		3075
3. INPUT PRODUCTION - MWD	0	3789	3789		2505
4. OUTAGE HOURS	24.0	0	24.0		1.9
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	35.3	100.0		68.8
	30 DAY AVG	63.4	84.8		73.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-25.1	+8.3	-14.8		+1.5
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	120
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2310 HRS.	INLET	15.6	15.4	PRODUCED	8,524
	OUTLET	C.U.	88.6	EXPORTED	7,553
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.0	194.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 151.4				DAILY	117.8x10 ⁵
				M-T-D	1516.0x10 ⁵

KE - Completed tests on the diesel crosstie line check valves for reliability and permission was granted to operate at a reduced bulk outlet temperature until the backup adequacy can be reviewed.

N - Reactor was down from 0312 hours until 0507 hours due to an unexplained trip; cause not determinate.

Correction: The daily 185-N Bldg. KWH output for N Reactor on the report of 10-12-69 should have read 110.9×10^5 instead of 11.1×10^5 as reported and the month to date should be corrected to read 1398.2×10^5 .

10-14-69 (12-8)

KE - Reactor resumed operation at 0758 hours concluding a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3520	3815	7335	REACTOR	4000
				WPPSS	810
2. MAX. POWER LEVEL - MW	3200	3810	7010	3800	
3. INPUT PRODUCTION - MWD	1200	3803	5003	3444	
4. OUTAGE HOURS	8.0	0	8.0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	61.3	
	KMWD	96.8	97.6	73.0	
6. TIME OPER. EFF.	M-T-D	37.5	100.0	71.1	
	30 DAY AVG	62.3	88.1	73.1	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-25.0	+8.9	-16.1	+2.6	
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	ADM	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG 130	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.4	15.2	PRODUCED 11,813	
	OUTLET	78.0	88.8	EXPORTED 11,063	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	195.0	386.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	159.6			DAILY	178.0X10 ⁵
				M-T-D	1694.0X10 ⁵

KE - Reactor resumed operation at 0758 hours concluding a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3500	3820	7320	REACTOR	4000
				WPPSS	810
2. MAX. POWER LEVEL - MW	3590	3820	7410	4000	
3. INPUT PRODUCTION - MWD	3494	3817	7311	3980	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	61.3	
	KMWD	96.8	97.6	73.0	
6. TIME OPER. EFF.	M-T-D	41.7	100.0	73.0	
	30 DAY AVG	62.3	91.5	73.1	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.5	+9.6	-14.9	+4.2	
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	ADM.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.2	15.2	PRODUCED	13,584
	OUTLET	86.4	88.9	EXPORTED	12,670
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	190.5	194.5	385.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	161.6			DAILY	193.4X10 ⁵
				M-T-D	1887.4X10 ⁵

Correction: Item 3 for KE Reactor on the report of 10-14-69 should have read 1298 instead of 1200 as reported.

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		KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3670	3840	7510	REACTOR 4000 WPPSS 810
2. MAX. POWER LEVEL - MW		3630	3830	7460	4000
3. INPUT PRODUCTION - MWD		3605	3823	7428	4000
4. OUTAGE HOURS		0	0	0	0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3	61.3
	KMWD	96.8	97.6	194.4	73.0
6. TIME OPER. EFF.	M-T-D	45.3	100.0	72.7	74.7
	30 DAY AVG	62.3	94.4	78.3	73.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-24.1	+10.3	-13.8	+5.8
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--	ADM.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / / / / / / / /
	ENR.	0	0	0	0
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG 130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET	15.0	15.0	--	PRODUCED 13,652
	OUTLET	86.7	88.8	--	EXPORTED 12,670
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.5	194.5	385.0	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW		161.7			DAILY 194.0X10 ⁵ M-T-D 2081.4X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3770	3845	7615	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3755	3845	7600	4000	
3. INPUT PRODUCTION - MWD	3698	3842	7540	4000	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	ADM	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.3	15.2	PRODUCED	13,448
	OUTLET	89.7	89.4	EXPORTED	12,579
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	190.5	194.5	385.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.0			DAILY	193.9X10 ⁵
				M-T-D	2285.4X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3845	3845	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3770	3845	7615		4000
3. INPUT PRODUCTION - MWD	3163	3845	7008		4000
4. OUTAGE HOURS	3.7	0	3.7		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.			ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.2	15.1	PRODUCED	13,448
	OUTLET	20.0	89.4	EXPORTED	12,559
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		68.0	194.5	185-N BLDG KWH OUTPUT	
			262.5		
14. PEAK ELECT. DEMAND - MW		159.1		DAILY	193.0x10 ⁵
				M-T-D	2478.4x10 ⁵

KE - Reactor shut down at 2020 hours due to excessive water collection.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR	4000
					WPPSS	800
2. MAX. POWER LEVEL - MW		0	3845	3845	4000	
3. INPUT PRODUCTION - MWD		0	3484	3484	4000	
4. OUTAGE HOURS		24.0	2.0	26.0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3	61.3	
	KMWD	96.8	97.6	194.4	73.0	
6. TIME OPER. EFF.	M-T-D	47.9	99.6	73.7	78.7	
	30 DAY AVG	66.3	94.1	80.2	80.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-26.5	+12.0	-14.5	+10.8	
8. FACTOR LIMITING POWER LEVEL				--	ADM	
9. ESTIMATED STARTUP TIME	DATE	10-20-69	10-29-69	--		
	HOUR	1000	1900	--		
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.1	15.2	--	PRODUCED	13,480
	OUTLET	17.8	19.0	--	EXPORTED	12,611
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		177.0	66.0	243.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		114.3			DAILY	193.6X10 ⁵
					M-T-D	2672.0X10 ⁵

KE - Aluminum process tube 4188 was replaced due to leak indication. Type of leak in the process tube has not been determined. Startup preparation in progress.

KW - Reactor shut down at 2200 hours scheduled work. Functional test of check valves in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3000	0	3000	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	2500	0	2500		4000
3. INPUT PRODUCTION - MWD	995	0	995		4000
4. OUTAGE HOURS	11.0	24.0	35.0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		61.3
	KMWD	97.6	194.4		73.0
6. TIME OPER. EFF. M-T-D	48.2	94.6	71.4		79.7
30 DAY AVG	65.5	90.8	78.1		81.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-28.6	+8.8	-19.8		+12.4
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME DATE		10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	1	0	1	MSH PSIG	131
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.0	16.9	--	PRODUCED	13,708
	OUTLET	62.4	C.U.	EXPORTED	12,672
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	189.0	18.1	207.1	185-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.7			DAILY	194.9X10 ⁵
				M-T-D	2866.9X10 ⁵

KE - Reactor resumed operation at 1102 hours concluding a water leak outage. Process tube 4188 was found to have an internal leak.

KW - Reactor is continuing down for scheduled work. Completed the functional test of the check valves on the emergency water system and found the valves to be functioning properly. Charge discharge in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3540	0	3540	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3515	0	3515	4000	
3. INPUT PRODUCTION - MWD	3148	0	3148	4000	
4. OUTAGE HOURS	0	24.0	24.0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	61.3	
	KMWD	96.8	97.6	73.0	
6. TIME OPER. EFF.	M-T-D	50.7	90.1	80.7	
	30 DAY AVG	65.5	87.4	81.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-28.7	+5.7	-23.0	+14.1	
8. FACTOR LIMITING POWER LEVEL	N.E.		--	ADM	
9. ESTIMATED STARTUP TIME	DATE	10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG 130	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.1	16.7	PRODUCED	13,680
	OUTLET	85.0	C.U.	EXPORTED	12,670
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	190.0	18.2	208.2	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	103.6			DAILY	194.5X10 ⁵
				M-T-D	3061.4X10 ⁵

KW - Scheduled work is continuing. Charge-discharge and change out of Venturis are in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3710	0	3710	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3710	0	3710		4000
3. INPUT PRODUCTION - MWD	3621	0	3621		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF. M-T-D	52.9	86.0	69.4		81.6
30 DAY AVG	65.5	84.1	74.8		81.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-28.1	+2.5	-25.6		+15.7
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME DATE		10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.1	15.1	--	PRODUCED	13,680
	OUTLET	88.7	C.U.	EXPORTED	12,666
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	20.0	210.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	103.6			DAILY	194.3X10 ⁵
				M-T-D	3255.7X10 ⁵

KW - Scheduled charge-discharge and venturi changes are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3760	0	3760	REACTOR	4000
				WPPSS	810
2. MAX. POWER LEVEL - MW	3760	0	3760		4000
3. INPUT PRODUCTION - MWD	3732	0	3732		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	54.9	82.2		82.4
	30 DAY AVG	65.5	80.8		83.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-27.5	-0.6	-28.1		+17.3
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME	DATE	10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	131
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.9	16.6	PRODUCED	13,665
	OUTLET	89.5	C.U.	EXPORTED	12,640
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	15.1	205.1	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 104.4				DAILY	194.7X10 ⁵
				M-T-D	3450.4X10 ⁵

KW - Scheduled charge-discharge and maintenance work as required are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3850	0	3850	REACTOR	4000
				WPPSS	812
2. MAX. POWER LEVEL - MW	3820	0	3820		4000
3. INPUT PRODUCTION - MWD	3785	0	3785		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.9	16.0	PRODUCED	13,652
	OUTLET	90.5	C.U.	EXPORTED	12,650
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	15.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.0			DAILY	195.1X10 ⁵
				M-T-D	3645.5X10 ⁵

KW - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3890	0	3890	REACTOR	4000
				WPPSS	.810
2. MAX. POWER LEVEL - MW	3880	0	3880		4000
3. INPUT PRODUCTION - MWD	3858	0	3858		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.0	15.1	--	PRODUCED	13,666
	OUTLET	91.8	C.U.	EXPORTED	12,647
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	13.0	204.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.0			DAILY	194.8X10 ⁵
				M-T-D	3840.3X10 ⁵

KW - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3910	0	3910	REACTOR	4000
				WPPSS	.808
2. MAX. POWER LEVEL - MW	3900	0	3900		4000
3. INPUT PRODUCTION - MWD	* 4056	0	4056		* 4167
4. OUTAGE HOURS	0	25.0	25.0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF. M-T-D	60.2	72.6	66.4		84.4
30 DAY AVG	65.5	70.7	68.1		86.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-25.2	-10.0	-35.2		+22.5
8. FACTOR LIMITING POWER LEVEL	N.E.		--		ADM
9. ESTIMATED STARTUP TIME DATE		10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.7	15.2	--	PRODUCED	14,237
	OUTLET	91.7	C.U.	EXPORTED	13,140
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	191.0	13.0	204.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 104.7				DAILY	202.1X10 ⁵
				M-T-D	4042.4X10 ⁵

* Reflects a 25-hour operating period.

KW - Scheduled work is continuing. Charge-discharge is 91 percent complete.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3920	0	3920	REACTOR	4000
				WPPSS	808
2. MAX. POWER LEVEL - MW	3910	0	3910		4000
3. INPUT PRODUCTION - MWD	3909	0	3909		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
	M-T-D	61.7	70.0		85.0
6. TIME OPER. EFF. 30 DAY AVG	65.5	70.3	67.9		86.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.4	-13.2	-37.6		+24.1
8. FACTOR LIMITING POWER LEVEL	B.O.		--		ADM
9. ESTIMATED STARTUP TIME DATE		10-29-69			
	HOUR	1900			
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
	ENR.	0	1		
11. WATER LEAKS - M-T-D TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.6	15.0	--	PRODUCED	13,653
	OUTLET	92.0	C.U.	EXPORTED	12,597
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000	191.0	13.0	204.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.3			DAILY	193.8X10 ⁵
				M-T-D	4236.2X10 ⁵

KW - Scheduled work is continuing. Completed charge-discharge. Maintenance work in progress. Inspection of K5E fuel elements discharged from process tube 2285, due to rupture indication prior to reactor scheduled shutdown, revealed a corrosion type failure.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	4000
				WPPSS	811
2. MAX. POWER LEVEL - MW	3920	0	3920		4000
3. INPUT PRODUCTION - MWD	3919	0	3919		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	63.0	67.5		85.6
	30 DAY AVG	65.5	69.6		86.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-23.6	-16.4	-40.0		+25.7
8. FACTOR LIMITING POWER LEVEL	B.O.		---		ADM
9. ESTIMATED STARTUP TIME	DATE	10-30-69	10-30-69		
	HOUR	1600	1200		
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	1		0
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.9	14.9	PRODUCED	13,680
	OUTLET	92.4	15.2	EXPORTED	12,577.
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	54.0	244.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.1			DAILY	194.6X10 ⁵
				M-T-D	4430.8X10 ⁵

KW - Completed changing of venturi. Miscellaneous leak repairs in progress.

10-29-69 (12-8)

KE - Reactor was scrammed at 0111 hours by a panellit trip when the three diesels at KW Reactor were started. Cause has not been determined.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	4000
				WPPSS	812
2. MAX. POWER LEVEL - MW	3920	0	3920		4000
3. INPUT PRODUCTION - MWD	194	0	194		4000
4. OUTAGE HOURS	22.8	24.0	46.8		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
	M-T-D	61.0	65.1		86.1
6. TIME OPER. EFF.	30 DAY AVG	62.3	66.3		86.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-26.6	-19.5	-46.1		+27.4
8. FACTOR LIMITING POWER LEVEL	--	--	--		ADM
9. ESTIMATED STARTUP TIME	DATE	Unknown	10-31-69		
	HOUR		1200		
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	1		0
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.0	16.0	PRODUCED	13,736
	OUTLET	C.U.	C.U.	EXPORTED	12,608
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.7	13.7	31.4	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	66.9			DAILY	195.2X10 ⁵
				M-T-D	4626.0X10 ⁵

KE - Reactor was scrammed at 0111 hours by a panellit trip resulted from a process water pressure surge caused when the three diesels at KW Reactor were started. Charge-discharge and functional tests of the emergency water supply system check valves are in progress.

KW -- Completed scheduled work. Process of locating a missing header screen is in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3175	3175	REACTOR	4000
				WPPSS	812
2. MAX. POWER LEVEL - MW	0	600	600	4000	
3. INPUT PRODUCTION - MWD	0	11	11	4000	
4. OUTAGE HOURS	24.0	22.9	46.9	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	61.3	
	KMWD	96.8	97.6	73.0	
6. TIME OPER. EFF.	M-T-D	59.0	63.1	86.5	
	30 DAY AVG	59.0	63.1	86.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-29.7	-22.6	-52.3	+29.0	
8. FACTOR LIMITING POWER LEVEL		N.E.	--	ADM	
9. ESTIMATED STARTUP TIME	DATE	10-31-69			
	HOUR	2400			
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / /	
	ENR.	0	1		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.0	14.8	PRODUCED	13,653
	OUTLET	C.U.	16.8	EXPORTED	12,597
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.0	187.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.5			DAILY	194.9X10 ⁵
				M-T-D	4820.9X10 ⁵

KE - Small charge-discharge and work on the emergency water supply system are continuing.

KW - Reactor resumed operation at 2254 hours concluding a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3470	3470	REACTOR	4000
				WPPSS	811
2. MAX. POWER LEVEL - MW	0	3450	3450		4000
3. INPUT PRODUCTION - MWD	0	3060	3060		4000
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		61.3
	KMWD	96.8	97.6		73.0
6. TIME OPER. EFF.	M-T-D	57.1	64.3		87.0
	30 DAY AVG	55.7	63.1		86.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-32.8	-22.7	-55.5		+30.7
8. FACTOR LIMITING POWER LEVEL		N.E.	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	1		0
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	16.0	15.0	PRODUCED	13,680
	OUTLET	C.U.	78.5	EXPORTED	12,630
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	19.0	203.5	222.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 160.4				DAILY	195.2X10 ⁵
				M-T-D	5016.1X10 ⁵

KE - Completed modification to the check valves in the emergency water system and other maintenance work.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2700	3620	6320	REACTOR	4000
				WPPSS	810
2. MAX. POWER LEVEL - MW	2100	3545	5645		4000
3. INPUT PRODUCTION - MWD	480	3476	3956		4000
4. OUTAGE HOURS	16.3	0	16.3		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.0	15.0	--	PRODUCED	13,680
	OUTLET	56.1	80.0	EXPORTED	12,364
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	186.0	204.0	390.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	162.6			DAILY	193.2X10 ⁵
				M-T-2	193.2X10 ⁵

KE - Reactor resumed operation at 1542 hours concluding functional checks and modification of emergency water supply check valves. The reactor was again down from 1815 hours until 1927 hours due to a rate-of-change trip on the high speed scanning system.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3625	3620	7245	REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3425	3620	7045	4000	
3. INPUT PRODUCTION - MWD	2863	3610	6473	4000	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--	ADM	
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.				/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.7	14.8	--	PRODUCED	13,680
	OUTLET	82.4	81.4	EXPORTED	12,529
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	188.5	204.0	392.5	185-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	165.2			DAILY	193.0X10 ⁵
				M-T-D	386.2X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3875	3620	7495	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3825	3620	7445	4000	
3. INPUT PRODUCTION - MWD		3553	3620	7173	2821	
4. OUTAGE HOURS		0	0	0	6.7	
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2	86.7	
	KMWD	94.4	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	77.4	100.0	88.7	90.7	
	30 DAY AVG	53.4	63.1	58.2	85.6	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.5	+1.3	-1.2	+0.8	
8. FACTOR LIMITING POWER LEVEL		N.E.	N.E.	--		
9. ESTIMATED STARTUP TIME	DATE				11-13-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.4	14.3	--	PRODUCED	9,836
	OUTLET	90.2	81.1	--	EXPORTED	8,783
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.5	204.0	394.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.6				DAILY	136.0X10 ⁵
					M-T-D	522.2X10 ⁵

N - Reactor shut down at 1715 hours for scheduled charge-discharge and maintenance work as required.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3910	3620	7530	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3900	3620	7520		0
3. INPUT PRODUCTION - MWD	3879	3620	7499		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.2	80.2		86.7
	KMWD	94.4	94.4		99.9
	M-T-D	83.0	100.0		68.0
6. TIME OPER. EFF.	30 DAY AVG	54.7	63.1		58.9
					82.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-1.8	+1.7	-0.1		-2.5
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				11-13-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2300 HRS.	INLET	14.1	14.3	PRODUCED	0
	OUTLET	91.5	81.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	204.0	185-N BLDG KWH OUTPUT	
			396.0		
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	522.2X10 ⁵

N - Reactor is continuing down for scheduled work.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3920	3620	7540	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3910	3620	7530	0	
3. INPUT PRODUCTION - MWD		3910	3620	7530	0	
4. OUTAGE HOURS		0	0	0	24.0	
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2	86.7	
	KMWD	94.4	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	86.4	100.0	93.2	54.4	
	30 DAY AVG	58.1	63.1	60.6	78.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.0	+2.2	+1.2	-5.8	
8. FACTOR LIMITING POWER LEVEL		I.A.L.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				11-13-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.2	14.3	--	PRODUCED	0
	OUTLET	91.7	81.1	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	204.0	396.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		164.7			DAILY	0
					M-T-D	522.2X10 ⁵

N - Scheduled work is continuing. Completed boiler feed pumps repairs. Work on the trampoline and the effluent control project in progress.

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		KE	KW	TOTAL	N	
					REACTOR	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3620	3620	WPPSS	0
2. MAX. POWER LEVEL - MW		3920	3620	7540		0
3. INPUT PRODUCTION - MWD		1929	3620	5549		0
4. OUTAGE HOURS		12.0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2		86.7
	KMWD	94.4	94.4	108.8		99.9
6. TIME OPER. EFF.	M-T-D	80.3	100.0	90.2		45.3
	30 DAY AVG	59.7	63.1	61.4		76.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.3	+2.7	+0.4		-9.2
8. FACTOR LIMITING POWER LEVEL			I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE	11-8-69				11-13-69
	HOUR	0500				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.2	14.0	--	PRODUCED	0
	OUTLET	C.U.	80.8	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		17.2	204.0	221.2	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		164.7			DAILY	0
					M-T-D	522.2X10 ⁵

KE - Reactor shut down at 1200 hours due to excessive water leak. Replacement of leaking aluminum process tube 3788 and repair of "B" riser emergency water line check valve are in progress.

N - Scheduled work is continuing. Repair of FW boiler tube leak and other maintenance work as required are in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3620	3620	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	3620	3620		0
3. INPUT PRODUCTION - MWD	0	3620	3620		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.			
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.5	13.6	--	PRODUCED	0
	OUTLET	80.6	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.2	204.0	221.2	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 159.1				DAILY	0
				M-T-D	522.2X10 ⁵

KE - Replaced leaking process tube 3788 and three other process tubes (4588, 2785, and 1588) due to internal corrosion.

N - Completed tube leak repairs on FW-1 and CE-1 boilers. Commenced charge-discharge operation.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3100	3635	6735	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	2675	3625	6300		0
3. INPUT PRODUCTION - MWD	1190	3622	4812		0
4. OUTAGE HOURS	9.8	0	9.8		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	13.9	13.6	--	PRODUCED	0
	OUTLET	65.0	80.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	188.0	204.0	392.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.9			DAILY	0
				M-T-D	522.2X10 ⁵

KE -- Reactor resumed operations at 0950 hours, concluding an excessive water collection outage.

N - Continued charge-discharge operation.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3700	3680	7380	0
2. MAX. POWER LEVEL - MW	3510	3660	7170	0
3. INPUT PRODUCTION - MWD	3217	3642	6859	0
4. OUTAGE HOURS	0	0	0	24.0
5. FORECAST FOR MO.	TOE 80.2	80.2	80.2	86.7
	KMWD 94.4	94.4	188.8	99.9
6. TIME OPER. EFF.	M-T-D 71.2	100.0	85.6	30.2
	30 DAY AVG 65.1	63.1	64.1	76.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-7.3	+4.2	-3.1	-19.2
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	
9. ESTIMATED STARTUP TIME	DATE			11-13-69
	HOUR			1600
10. FUEL FAILURES - M-T-D	NAT. 0	0	0	
	ENR. 0	0	0	0
11. WATER LEAKS - M-T-D	TUBE 1	0	1	MSH PSIG 0
	V.S. 0	0	0	NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 13.9	13.7	--	PRODUCED 0
	OUTLET 83.5	81.4	--	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	191.0	204.0	395.0	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	162.4			DAILY 0
				M-T-D 522.2X10 ⁵

N - Completed charge-discharge except for specials; removal of debris from graphite cooling system tubes and other maintenance work are in progress.

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		KE	KW	TOTAL	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3900	3720	7620	REACTOR	0	
					WPPSS	0	
2. MAX. POWER LEVEL - MW		3850	3710	7560	0		
3. INPUT PRODUCTION - MWD		3714	3690	7404	0		
4. OUTAGE HOURS		0	0	0	24.0		
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2	86.7		
	KMWD	94.4	94.4	188.8	99.9		
6. TIME OPER. EFF.	M-T-D	74.1	100.0	87.1	27.2		
	30 DAY AVG	68.4	63.1	65.7	75.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.7	+4.7	-2.0	-22.5		
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--			
9. ESTIMATED STARTUP TIME	DATE	11-13-69					
	HOUR	1600					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / /		
	ENR.	0	0	0			0
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	0	
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.		
12. WATER TEMP. AT 2330 HRS.	INLET	13.6	13.5	--	PRODUCED	0	
	OUTLET	90.0	81.8	--	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	204.0	395.0	185-N BLDG KWH OUTPUT		
14. PEAK ELECT. DEMAND - MW		162.3				DAILY	0
						M-T-D	522.2X10 ⁵

N - Scheduled maintenance work is continuing.

EXHAUSTED

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3945	3725	7670	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3935	3725	7660	0	
3. INPUT PRODUCTION - MWD		3914	3721	7635	0	
4. OUTAGE HOURS		0	0	0	24.0	
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2	86.7	
	KMWD	94.4	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	76.5	100.0	88.2	24.7	
	30 DAY AVG	77.7	63.1	67.4	72.1	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.0	+5.3	-0.7	-25.8	
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				11-13-69	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.4	13.1	--	PRODUCED	0
	OUTLET	91.6	82.3	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		191.0	204.0	395.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		163.1			DAILY	0
					M-T-D	522.2X10 ⁵

N - Scheduled work is continuing. Completed charge-discharge of specials.
Maintenance work as required is in progress.

DECLASSIFIED

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3980	3725	7705	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3970	3725	7695		0
3. INPUT PRODUCTION - MWD	3954	3725	7679		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.2	80.2		86.7
	KMWD	94.4	94.4		99.9
6. TIME OPER. EFF.	M-T-D	78.4	100.0		22.7
	30 DAY AVG	75.1	63.1		69.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.2	+5.8	+0.6		-29.2
8. FACTOR LIMITING POWER LEVEL	I.A.L.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				11-13-69
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	1	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.5	13.1	PRODUCED	0
	OUTLET	92.4	82.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.5	204.0	394.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	522.2X10 ⁵

N - Maintenance work as required is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3725	7725	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	3725	7725		0
3. INPUT PRODUCTION - MWD	3990	3725	7715		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.2	80.2		86.7
	KMWD	94.4	94.4		99.9
6. TIME OPER. EFF.	M-T-D	80.1	100.0		20.9
	30 DAY AVG	76.2	63.1		65.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-4.3	+6.4	+2.1		-32.5
8. FACTOR LIMITING POWER LEVEL	ADM	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				11-14-69
	HOUR				2000
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0		0
	V.S.	0	0		0
12. WATER TEMP. AT 2330 HRS.	INLET	13.0	12.9		0
	OUTLET	92.5	81.7		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	204.0	394.0		185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW 167.2				DAILY	0
				M-T-D	522.2X10 ⁵

N - Reactor is continuing down for maintenance work as required.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3725	7725	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	3725	7725	0	
3. INPUT PRODUCTION - MWD	4000	3725	7725	0	
4. OUTAGE HOURS	0	0	0	24.0	
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.7	12.6	PRODUCED	0
	OUTLET	92.3	81.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	204.0	185-N BLDG KWH OUTPUT	
			394.0	DAILY	0
14. PEAK ELECT. DEMAND - MW	165.2			M-T-D	522.2X10 ⁵

N - Continuing maintenance work as required.

DECLASSIFIED

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[REDACTED]

AFTER FILL-IN

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3725	7725	REACTOR	3000
				WPPSS	600
2. MAX. POWER LEVEL - MW	4000	3725	7725		500
3. INPUT PRODUCTION - MWD	4000	3725	7725		42
4. OUTAGE HOURS	0	0	0		20.6
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	I.A.L.	--		N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	110
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.4	12.3	PRODUCED	135
	OUTLET	92.1	81.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		190.0	204.0	394.0	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	160.9			DAILY	0
				M-T-D	522.2X10 ⁵

N - Reactor resumed operation at 2033 hours concluding a scheduled outage.

DECLASSIFIED

[REDACTED]

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3725	3725	REACTOR	3200
				WPPSS	680
2. MAX. POWER LEVEL - MW	4000	3725	7725	3200	
3. INPUT PRODUCTION - MWD	2667	3725	6392	2738	
4. OUTAGE HOURS	8.0	0	8.0	0	
5. FORECAST FOR MO.	TOE	80.2	80.2	86.7	
	KMWD	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	81.7	100.0	24.1	
	30 DAY AVG	75.1	69.1	59.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.0	+8.2	+5.2	-39.7	
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--	N.E.	
9. ESTIMATED STARTUP TIME	DATE	11-21-69			
	HOUR	0400			
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG 122	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.2	11.9	PRODUCED	9,383
	OUTLET	C.U.	80.9	EXPORTED	8.690
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.1	204.0	222.1	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	161.5			DAILY	131.5X10 ⁵
				M-T-D	653.7X10 ⁵

KE - Reactor shut down at 1600 hours for a scheduled outage. Charge-discharge in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3725	3725	REACTOR	3500
				WPPSS	741
2. MAX. POWER LEVEL - MW	0	3725	3725		3400
3. INPUT PRODUCTION - MWD	0	3725	3725		3322
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.2	80.2		86.7
	KMWD	94.4	94.4		99.9
6. TIME OPER. EFF.	M-T-D	76.9	100.0		88.5
	30 DAY AVG	72.2	63.1		67.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-6.2	+8.7	+2.5		-39.7
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE	11-21-69			
	HOUR	0400			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	123
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.5	11.6	PRODUCED	11,467
	OUTLET	C.U.	80.2	EXPORTED	10,958
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.7	203.5	221.2	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW				DAILY	170.7X10 ⁵
				M-T-D	824.4X10 ⁵

KE - Reactor is continuing down for scheduled work. Charge-discharge and maintenance work are in progress. Completed through pile decontamination of two process tubes (PTA-158).

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3735	3735	REACTOR	3800
				WPPSS	809
2. MAX. POWER LEVEL - MW	0	3725	3725		3725
3. INPUT PRODUCTION - MWD	0	3725	3725		3594
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.2	80.2		86.7
	KMWD	94.4	94.4		99.9
6. TIME OPER. EFF.	M-T-D	72.7	100.0		32.6
	30 DAY AVG	72.2	63.3		59.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-9.3	+9.3	0		-39.4
8. FACTOR LIMITING POWER LEVEL			--		T.P.
9. ESTIMATED STARTUP TIME	DATE	11-21-69			
	HOUR	0400			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0		
	V.S.	0	0		
12. WATER TEMP. AT 2330 HRS.	INLET	12.3	11.6		
	OUTLET	C.U.	80.5		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		14.5	203.5		
			218.0		
14. PEAK ELECT. DEMAND - MW				185-N BLDG KWH OUTPUT	
				DAILY	187.5X10 ⁵
				M-T-D	1011.9X10 ⁵

KE - Scheduled work is continuing. Completed charge-discharge. Preparation for the removal and replacement of process tube 1985 (due to wall thickness gauge measurement results) and other maintenance work are in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3740	3740	REACTOR	3800
					WPPSS	810
2. MAX. POWER LEVEL - MW		0	3740	3740	3800	
3. INPUT PRODUCTION - MWD		0	3735	3735	3795	
4. OUTAGE HOURS		24.0	0	24.0	0	
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2	86.7	
	KMWD	94.4	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	68.8	100.0	84.4	36.1	
	30 DAY AVG	70.4	66.7	68.6	59.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.5	+9.9	-2.6	-39.0	
8. FACTOR LIMITING POWER LEVEL			I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE	11-20-69				
	HOUR	1600				
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.0	11.7	--	PRODUCED	13,140
	OUTLET	C.U.	80.7	--	EXPORTED	12,365
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.7	204.0	221.7	185-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 110.3					DAILY	193.9X10 ⁵
					M-T-D	1205.8X10 ⁵

KE - Startup preparations in progress concluding a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3100	3740	6840	REACTOR	3800
				WPPSS	804
2. MAX. POWER LEVEL - MW	2500	3740	6240	3800	
3. INPUT PRODUCTION - MWD	290	3740	4030	3800	
4. OUTAGE HOURS	20.1	0	20.1	0	
5. FORECAST FOR MO.	TOE	80.2	80.2	86.7	
	KMWD	94.4	188.8	99.9	
6. TIME OPER. EFF.	M-T-D	66.2	100.0	83.1	
	30 DAY AVG	67.6	70.0	68.8	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.3	+10.5	-4.8	-38.5	
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	11.3	11.0	PRODUCED	13,224
	OUTLET	60.6	80.6	EXPORTED	12,393
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	190.0	203.5	393.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 162.2				DAILY	193.3X10 ⁵
				M-T-D	1399.1X10 ⁵

KE - Reactor resumed operation at 2005 hours concluding a scheduled outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	3800
				WPPSF	806
2. MAX. POWER LEVEL - MW	3530	3750	7280		3800
3. INPUT PRODUCTION - MWD	2398	2932	5330		3800
4. OUTAGE HOURS	5.4	4.9	10.3		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					T.P.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	11.8	10.8	--	PRODUCED	13,130
	OUTLET	12.0	--	EXPORTED	13,403
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.3	188.0	205.3	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.8			DAILY	193.2X10 ⁵
				M-T-D	1592.3X10 ⁵

KE - Reactor shut down at 1836 hours and KW Reactor shut down at 1904 hours for Third Party boiler inspection.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	3800
				WPPSS	806
2. MAX. POWER LEVEL - MW	0	0	0	3800	
3. INPUT PRODUCTION - MWD	0	0	0	3800	
4. OUTAGE HOURS	24.0	24.0	48.0	0	
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL				T.P.	
9. ESTIMATED DATE					
STARTUP TIME HOUR					
10. FUEL FAILURES - NAT.				/ / / / /	
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	130
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	12.1	11.9	--	PRODUCED	13,036
AT 2330 HRS. OUTLET	C.U.	C.U.	--	EXPORTED	12,363
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.8	13.6	30.4	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.2			DAILY	193.6X10 ⁵
				M-T-D	1785.9X10 ⁵

KE - Maintenance work in progress.

KW - Charge-discharge in progress.

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AFTER FILL-IN

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	3800
				WPPSS	806
2. MAX. POWER LEVEL - MW	0	0	0	3800	
3. INPUT PRODUCTION - MWD	0	0	0	3800	
4. OUTAGE HOURS	24.0	24.0	48.0	0	
5. FORECAST FOR MO.	TOE	80.2	80.2	86.7	
	KMWD	94.4	94.4	188.8	
6. TIME OPER. EFF.	M-T-D	60.9	90.4	75.7	
	30 DAY AVG	60.2	72.7	66.4	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-22.5	+3.9	-18.6	-37.1	
8. FACTOR LIMITING POWER LEVEL			--	T.P.	
9. ESTIMATED STARTUP TIME	DATE	Undetermined	Undetermined		
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	1	0	MSH PSIG 130	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.0	11.7	PRODUCED 13,034	
	OUTLET	C.U.	C.U.	EXPORTED 12,349	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.8	13.6	30.4	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 48.1				DAILY	191.1X10 ⁵
				M-T-D	1977.0X10 ⁵

KE - Maintenance work is continuing.

KW - Charge-discharge is continuing.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR	3800
					WPPSS	808
2. MAX. POWER LEVEL - MW		0	0	0		3800
3. INPUT PRODUCTION - MWD		0	0	0		3800
4. OUTAGE HOURS		24.0	24.0	48.0		0
5. FORECAST FOR MO,	TOE	80.2	80.2	80.2		86.7
	KMWD	94.4	94.4	188.8		99.9
	M-T-D	58.4	86.6	72.5		49.4
6. TIME OPER. EFF.	30 DAY AVG	56.9	72.7	64.8		59.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-25.6	+0.8	-24.8		-36.6
8. FACTOR LIMITING POWER LEVEL				--		T.P.
9. ESTIMATED STARTUP TIME	DATE	11-26-69	11-27-69			
	HOUR	1600	1200			
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	11.7	11.3	--	PRODUCED	13,038
	OUTLET	C.U.	C.U.	--	EXPORTED	12,359
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		15.4	13.6	29.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		51.0			DAILY	194.2X10 ⁵
					M-T-D	2171.2X10 ⁵

KE - Reactor is continuing down for miscellaneous maintenance work.

KW - Reactor is continuing down for charge-discharge and replacement of four process tubes (two tubes have been replaced) due to wall thickness gauge measurements (WTG) results.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0	0	REACTOR	3800
					WPPSS	809
2. MAX. POWER LEVEL - MW		0	0	0		3800
3. INPUT PRODUCTION - MWD		0	0	0		3800
4. OUTAGE HOURS		24.0	24.0	48.0		0
5. FORECAST FOR MO.	TOE	80.2	80.2	80.2		86.7
	KMWD	94.4	94.4	188.8		99.9
6. TIME OPER. EFF.	M-T-D	56.1	83.2	69.6		51.4
	30 DAY AVG	53.6	72.8	63.2		59.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-28.7	-2.4	-31.1		-36.1
8. FACTOR LIMITING POWER LEVEL		--	--	--		T.P.
9. ESTIMATED STARTUP TIME	DATE	11-27-69	11-27-69			
	HOUR	0400	1200			
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		0
11. WATER LEAKS - M-T-D	TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	11.2	11.0	--	PRODUCED	13,034
	OUTLET	C.U.	C.U.	--	EXPORTED	12,323
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.4	13.6	29.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		52.6			DAILY	194.7X10 ⁵
					M-T-D	2365.9X10 ⁵

KE - Miscellaneous maintenance work, EMS checks and associated work on boilers are continuing.

KW - Completed replacement of four aluminum process tubes and charge-discharge. Miscellaneous work, EMS checks and associated work on boilers are in progress.

Correction on report of 11-21-69; Under N Reactor item 12 nuclear steam exported should have read 12,403 instead of 13,403 as reported.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	1	0	1	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	0	0	0		3800
3. INPUT PRODUCTION - MWD	0	0	0		3800
4. OUTAGE HOURS	24.0	24.0	48.0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2310 HRS.	INLET	10.0	10.2	PRODUCED	13,034
	OUTLET	11.0	C.U.	EXPORTED	12,332
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		178.0	13.6	185-N BLDG KWH OUTPUT	
			191.6	DAILY	194.2X10 ⁵
14. PEAK ELECT. DEMAND - MW	102.5			M-T-D	2560.1X10 ⁵

KE - Miscellaneous maintenance work continuing.

KW - Miscellaneous maintenance work continuing.

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1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	KE	KW	TOTAL	N	
				REACTOR	3800
	0	0	0	WPPSS	809
2. MAX. POWER LEVEL - MW	2860	0	2860		3800
3. INPUT PRODUCTION - MWD	856	0	856		3800
4. OUTAGE HOURS	12.7	24.0	36.7		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	10.0	9.0	PRODUCED	13,034
	OUTLET	11.3	9.2	EXPORTED	12,256
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		69.6	189.0	258.6	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	105.7			DAILY	193.8X10 ⁵
				M-T-D	2753.9X10 ⁵

KE - Boiler was placed in service at 0405 hours and the reactor resumed operation at 0542 hours. The startup was terminated at 0554 hours until 0658 hours by a flux monitor trip due to improper procedure. The reactor was again scrambled at 1805 hours due to a rate-of-change power deviation circuit trip on the high speed scanner.

KW - Boiler was placed in service at 2125 hours. Miscellaneous maintenance work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2300	3600	5900	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	800	3300	4100		3800
3. INPUT PRODUCTION - MWD	23	1601	1624		3800
4. OUTAGE HOURS	21.7	10.3	32.0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	N.E.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.9	9.1	PRODUCED	13,036
	OUTLET	19.2	70.0	EXPORTED	12,526
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		178.5	203.5		185-N BLDG KWH OUTPUT
			382.0		
14. PEAK ELECT. DEMAND - MW	158.8			DAILY	195.1X10 ⁵
				M-T-D	2949 X 10 ⁵

KE - Reactor resumed operation at 2143 hours concluding an outage caused by rate-of-change trip.

KW - Reactor resumed operation at 1020 hours concluding a third party boiler inspection outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3675	3675	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	2575	3665	6240		3800
3. INPUT PRODUCTION - MWD	964	3571	4535		3800
4. OUTAGE HOURS	12.9	0	12.9		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		N.E.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.7	9.0	PRODUCED	13,034
	OUTLET	11.0	77.1	EXPORTED	11,993
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		65.0	204.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	194.2X10 ⁵
				M-T-D	3143.2X10 ⁵

KE - Reactor shut down at 1108 hours for the removal of a thoria fuel element failure from process tube 4980 with normal thoria charging machine force.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3750	3750	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	0	3725	3725		3800
3. INPUT PRODUCTION - MWD	0	3692	3692		3800
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO. TOE	80.2	80.2	80.2		86.7
	KMWD	94.4	188.8		99.9
6. TIME OPER. EFF. M-T-D	50.2	77.9	64.0		59.5
	30 DAY AVG	50.2	64.0		59.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-42.6	-9.2	-51.8		-33.8
8. FACTOR LIMITING POWER LEVEL		N.E.	--		T.P.
9. ESTIMATED STARTUP TIME DATE	12-1-69				
	HOUR	1500			
10. FUEL FAILURES - M-T-D NAT.	# 1	0	1		
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	1	0	1	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	10.9	8.8	--	PRODUCED	13,034
	OUTLET	C.U.	--	EXPORTED	12,195
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.9	204.0	221.9	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	155.7			DAILY	193.6x10 ⁵
				M-T-D	3336.8x10 ⁵

KE - Reactor is continuing down following the removal of the thoria fuel element failure to repair an effluent line leak at the northwest corner of the 105 Bldg.

* Thoria failure.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2000	3785	5785	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	285	3785	4070		3800
3. INPUT PRODUCTION - MWD	2	3763	3765		3800
4. OUTAGE HOURS	23.3	0	23.3		0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	2.9	100.0		100.0
	30 DAY AVG	49.2	77.9		59.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.1	+0.7	-2.4		+1.2
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.1	8.6	PRODUCED	13,034
	OUTLET	10.2	79.0	EXPORTED	12,268
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	177.5	204.0	381.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	161.8			DAILY	195.3X10 ⁵
				M-T-D	195.3X10 ⁵

KE - Reactor resumed operation at 2316 hours concluding a thoria failure outage.

12-2-69 (12-8)

KE - Reactor was down from 0236 hours until 0313 hours due to an unexplained rate-of-change trip on the high speed scanning system.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3700	3800	7500	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3400	3785	7185	3800	
3. INPUT PRODUCTION - MWD	2261	3785	6046	3800	
4. OUTAGE HOURS	0.6	0	0.6	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	67.7	
	KMWD	97.6	97.6	80.6	
6. TIME OPER. EFF.	M-T-D	50.2	100.0	100.0	
	30 DAY AVG	49.1	77.9	59.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-4.0	+1.2	-2.8	+2.4	
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG 130	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.2	8.7	PRODUCED 13,034	
	OUTLET	74.7	79.1	EXPORTED 12,204	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	189.5	203.5	393.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	165.6			DAILY	195.1X10 ⁵
				M-T-D	390.4X10 ⁵

KE - Reactor was down from 0236 hours until 0313 hours due to an unexplained rate-of-change trip on the high speed scanning system.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3880	3805	7685	REACTOR	3800
					WPPSS	810
2. MAX. POWER LEVEL - MW		3840	3805	7645		3800
3. INPUT PRODUCTION - MWD		3701	3801	7502		3800
4. OUTAGE HOURS		0	0	0		0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6	195.2		80.6
6. TIME OPER. EFF.	M-T-D	66.8	100.0	83.4		100.0
	30 DAY AVG	49.1	77.9	63.5		60.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.4	+1.9	-1.5		+3.6
8. FACTOR LIMITING POWER LEVEL		N.E.	I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	130
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.0	8.3	--	PRODUCED	13,034
	OUTLET	84.4	79.3	--	EXPORTED	12,283
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	204.0	396.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		164.4			DAILY	193.9X10 ⁵
					M-T-D	584.3X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3870	3815	7685	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3880	3805	7685	3800	
3. INPUT PRODUCTION - MWD	3866	3805	7671	3800	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	67.7	
	KMWD	97.6	195.2	80.6	
6. TIME OPER. EFF.	M-T-D	75.1	100.0	100.0	
	30 DAY AVG	49.1	77.9	63.8	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.8	+2.6	-0.2	+4.8	
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	130
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.0	8.2	PRODUCED	13,034
	OUTLET	85.0	79.2	EXPORTED	12,191
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	192.5	204.0	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 167.3				DAILY	193.5X10 ⁵
				M-T-D	777.8X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3880	3820	7700	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3880	3820	7700		3800
3. INPUT PRODUCTION - MWD	3871	3815	7686		3800
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--		T.P.
9. ESTIMATED DATE					
STARTUP TIME HOUR					
10. FUEL FAILURES - NAT.					
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	130
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	8.8	8.1	--	PRODUCED	13,034
AT 2330 HRS. OUTLET	85.0	79.4	--	EXPORTED	12,180
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	193.0	203.5	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	167.5			DAILY	195.3X10 ⁵
				M-T-D	973.1X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3895	3825	7720	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3890	3825	7715		3800
3. INPUT PRODUCTION - MWD	3882	3822	7704		3800
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	130
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	8.7	8.0	--	PRODUCED	13,049
	OUTLET	85.2	79.5	EXPORTED	12,193
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	193.0	203.5	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	164.9			DAILY	194.0X10 ⁵
				M-T-D	1131.1X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3900	3825	7725	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3900	3825	7725	3800	
3. INPUT PRODUCTION - MWD	3896	3825	7721	3800	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO.	TOE	80.3	80.3	67.7	
	KMWD	97.6	195.2	80.6	
6. TIME OPER. EFF.	M-T-D	85.8	92.9	100.0	
	30 DAY AVG	54.1	66.0	73.8	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-0.5	+4.6	+4.1	+8.4	
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--	T.P.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	
	V.S.	0	0	0	
12. WATER TEMP. AT 2330 HRS.	INLET	8.8	8.1	MSH PSIG	130
	OUTLET	85.5	79.4	NUCLEAR STEAM MLBS/HR.	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000				PRODUCED	13,062
				EXPORTED	12,215
14. PEAK ELECT. DEMAND - MW				185-N BLDG KWH OUTPUT	
				DAILY	193.6X10 ⁵
				M-T-D	1324.7X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3920	3830	7750	REACTOR	3800
				WPPSS	810
2. MAX. POWER LEVEL - MW	3910	3830	7740		3800
3. INPUT PRODUCTION - MWD	3902	3827	7729		3800
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		67.7
KMWD	97.6	97.6	195.2		80.6
6. TIME OPER. EFF. M-T-D	87.6	100.0	93.8		100.0
30 DAY AVG	55.5	77.9	66.7		77.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+0.2	+5.2	+5.4		+9.6
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME DATE					
HOUR					
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
ENR.	0	0	0		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	130
V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	8.6	8.0	--	PRODUCED	13,067
OUTLET	85.5	79.4	--	EXPORTED	12,215
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	193.0	203.5	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	164.9			DAILY	194.6X10 ⁵
				M-T-D	1519.3X10 ⁵

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1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	KE	KW	TOTAL	N	
				REACTOR	3800
	3940	3840	7780	WPPSS	810
2. MAX. POWER LEVEL - MW	3930	3835	7765		3800
3. INPUT PRODUCTION - MWD	3922	3832	7754		3800
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	88.9	100.0		100.0
	30 DAY AVG	55.5	77.9		80.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.0	+6.0	+7.0		+10.8
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		T.P.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0		
	V.S.	0	0		
12. WATER TEMP. AT 2330 HRS.	INLET	8.4	8.0		
	OUTLET	85.7	79.4		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		193.0	203.5		
			396.5		
14. PEAK ELECT. DEMAND - MW				185-N BLDG KWH OUTPUT	
				DAILY	194.4X10 ⁵
				M-T-D	1713.7X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3865	7815	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3950	3855	7805	3800	
3. INPUT PRODUCTION - MWD	3945	3846	7791	2632	
4. OUTAGE HOURS	0	0	0	6.7	
5. FORECAST FOR MO.	TOE	80.3	80.3	67.7	
	KMWD	97.6	195.2	80.6	
6. TIME OPER. EFF.	M-T-D	90.0	100.0	97.2	
	30 DAY AVG	55.5	77.9	82.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.8	+6.6	+8.4	+10.8	
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE			12-18-69	
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.4	7.9	PRODUCED	
	OUTLET	86.2	79.7	EXPORTED	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	192.5	203.5	396.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 164.1				DAILY	133.0X10 ⁵
				M-T-D	1846.7X10 ⁵

N - Reactor shut down at 1720 hours for scheduled charge discharge.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3950	3900	7850	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3950	3880	7830	0	
3. INPUT PRODUCTION - MWD		3950	3872	7822	0	
4. OUTAGE HOURS		0	0	0	24.0	
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3	67.7	
	KMWD	97.6	97.6	195.2	80.6	
6. TIME OPER. EFF.	M-T-D	90.9	100.0	95.5	88.4	
	30 DAY AVG	55.5	77.9	66.7	82.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+2.6	+7.4	+10.0	+8.2	
8. FACTOR LIMITING POWER LEVEL		T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				12-18-69	
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.5	7.9	--	PRODUCED	0
	OUTLET	86.2	80.1	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.5	203.5	396.0	185-M BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 165.4					DAILY	0
					M-T-D	1846.7X10 ⁵

N - Reactor is continuing down for scheduled work.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3900	7850	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3950	3900	7850		0
3. INPUT PRODUCTION - MWD	3950	3898	7848		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.6	7.9	PRODUCED	0
	OUTLET	86.4	80.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	203.5	185-N BLDG KWH OUTPUT	
			395.5	DAILY	0
14. PEAK ELECT. DEMAND - MW	168.3			M-T-D	1846.7x10 ⁵

N - Scheduled work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3900	7850	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3950	3900	7850		0
3. INPUT PRODUCTION - MWD	3950	3900	7850		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED DATE STARTUP TIME HOUR					
10. FUEL FAILURES - NAT. M-T-D ENR.				/ / / / /	
11. WATER LEAKS - TUBE M-T-D V.S.				MSH PSIG	0
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET 8.6 AT 2330 HRS. OUTLET 86.4		8.0	--	PRODUCED	0
		80.8	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000	192.5	203.5	396.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	164.9			DAILY	0
				M-T-D	1846.7x10 ⁵

N - Scheduled work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3900	7850	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3950	3900	7850		0
3. INPUT PRODUCTION - MWD	3950	3900	7850		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	92.9	100.0		69.4
	30 DAY AVG	55.5	77.9		82.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+4.9	+9.6	+14.5		+0.4
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				12-18-69
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.5	7.9	PRODUCED	0
	OUTLET	86.4	80.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	193.0	203.5	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	164.5			DAILY	0
				M-T-D	1846.7X10 ⁵

N - Scheduled work is continuing. Completed charge discharge. FW-1 boiler tube leak repairs and other maintenance as required are in process.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3910	7860	REACTOR	0
				WIPPSS	0
2. MAX. POWER LEVEL - MW	3950	3910	7860		0
3. INPUT PRODUCTION - MWD	3950	3905	7855		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	93.4	100.0		64.8
	30 DAY AVG	55.5	77.9		82.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+5.8	+10.4	+16.2		-2.2
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				12-18-69
	HOUR				0001
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.5	7.9	PRODUCED	0
	OUTLET	86.2	80.9	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	193.5	203.5	397.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	1846.7X10 ⁵

N - FW-1 boiler tube leak repairs and other maintenance as required are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950	3925	7875	REACTOR	0
				WPPSS	0
2. MIN. POWER LEVEL - MW	3950	3925	7875		0
3. INPUT PRODUCTION - MWD	3950	3917	7867		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	93.8	100.0		60.8
	30 DAY AVG	56.6	77.9		79.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+6.6	+11.1	+17.7		-4.8
8. FACTOR LIMITING POWER LEVEL	T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				12-18-69
	HOUR				1200
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	0
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.3	7.7	PRODUCED	0
	OUTLET	86.1	81.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	193.0	203.5	396.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	162.2			DAILY	0
				M-T-D	1846.7X10 ⁵

N - Reactor is continuing down for FW-1 boiler tube leak repairs and other maintenance work.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3950	3930	7880	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3950	3930	7880		0
3. INPUT PRODUCTION - MWD		3950	3928	7878		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6	195.2		80.6
6. TIME OPER. EFF.	M-T-D	94.1	100.0	97.1		57.2
	30 DAY AVG	59.9	77.9	68.9		75.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+7.4	+11.9	+19.3		-7.4
8. FACTOR LIMITING POWER LEVEL		T.P.	I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE					12-18-69
	HOUR					1200
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	0
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.2	7.6	--	PRODUCED	0
	OUTLET	86.0	81.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.5	203.5	396.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		167.1			DAILY	0
					M-T-D	1846.7X10 ⁵

N - Maintenance work as required is continuing.

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		KE	KW	TOTAL	N	
					REACTOR	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3945	3945	WPPSS	0
2. MAX. POWER LEVEL - MW		3950	3940	7890		0
3. INPUT PRODUCTION - MWD		2030	3934	5964		0
4. OUTAGE HOURS		11.5	0	11.5		24.0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6	195.2		80.6
6. TIME OPER. EFF.	M-T-D	91.8	100.0	95.9		54.0
	30 DAY AVG	61.6	77.9	69.8		72.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+6.2	+12.7	+18.9		-10.0
8. FACTOR LIMITING POWER LEVEL			I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE	12-26-69				12-19-69
	HOUR	0800				1100
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	6
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.0	7.8	--	PRODUCED	0
	OUTLET	C.U.	81.3	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.2	203.5	221.7		185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW					DAILY	0
		164.7			M-T-D	1846.7X10 ⁵

KE - Reactor shut down at 1230 hours for scheduled outage. Charge-discharge in progress.

N - Completed maintenance work. Startup preparation in progress.

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N - Reactor resumed operation at 0639 hours concluding a scheduled outage. The reactor was scrammed at 0720 hours due to trips on the intermediate flux monitor system.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3960	3960	REACTOR	2800
				WPPSS	435
2. MAX. POWER LEVEL - MW	0	3955	3955		160
3. INPUT PRODUCTION - MWD	0	3949	3949		2
4. OUTAGE HOURS	24.0	0	24.0		19.8
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	20
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.1	7.6	PRODUCED	0
	OUTLET	C.U.	81.4	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		18.0	203.5	221.5	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	108.6			DAILY	0
				M-T-D	1846.7X10 ⁵

KE - Scheduled charge discharge and maintenance continuing.

N - Reactor resumed operation at 0639 hours concluding a scheduled outage. The reactor was scrammed from 0720 hours until 1223 hours due to #2 and #3 intermediate flux monitor trips. The reactor was again down from 1510 hours until 2242 hours due to flame-out on the CE-1 and CE-2 boilers and "B" bus power failure. The reactor was scrammed at 2327 due to a flux monitor trip while changing leads in the SA chamber.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3975	3975	REACTOR	3600
				WPPSS	784
2. MAX. POWER LEVEL - MW	0	3970	3970		3200
3. INPUT PRODUCTION - MWD	0	3964	3964		2530
4. OUTAGE HOURS	24.0	0	24.0		0.1
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		N.E.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	125
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	9.2	7.6	--	PRODUCED	10,297
	OUTLET	C.U.	81.8	EXPORTED	6,893
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.0	203.5	221.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 110.4				DAILY	102.1X10 ⁵
				M-T-D	1948.8X10 ⁵

KE - Scheduled charge discharge continuing.

N - Reactor resumed operation at 0007 hours concluding an outage caused by a flux monitor trip.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	3990	3990	REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	0	3985	3985		4000
3. INPUT PRODUCTION - MWD	0	3980	3980		3651
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	78.7	100.0		56.6
	30 DAY AVG	58.5	78.6		69.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.2	+15.2	+12.0		-11.6
8. FACTOR LIMITING POWER LEVEL		I.A.L.	--		ADM
9. ESTIMATED STARTUP TIME	DATE	12-26-69			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.2	7.6	PRODUCED	12,413
	OUTLET	C.U.	82.1	EXPORTED	11,124
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.0	203.5	221.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 108.7				DAILY	184.8X10 ⁵
				M-T-D	2133.6X10 ⁵

KE - Scheduled charge discharge and maintenance work as required are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	4000	4000	REACTOR	4000
				WPPSS	805
2. MAX. POWER LEVEL - MW	0	4000	4000		4000
3. INPUT PRODUCTION - MWD	0	3995	3995		4000
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	75.1	100.0		58.6
	30 DAY AVG	58.5	81.9		69.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-6.4	+16.0	+9.6		-10.2
8. FACTOR LIMITING POWER LEVEL		ADM			ADM
9. ESTIMATED STARTUP TIME	DATE	12-26-69			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	129
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.1	7.4	PRODUCED	13,612
	OUTLET	C.U.	82.3	EXPORTED	11,734
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.8	203.5	221.3	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW				DAILY	193.8x10 ⁵
		110.0		M-T-D	2327.4x10 ⁵

KE - Scheduled charge discharge and maintenance work as required are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	4000	4000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	4000	4000		4000
3. INPUT PRODUCTION - MWD	0	4000	4000		4000
4. OUTAGE HOURS	24.0	0	24.0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		ADM	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	129
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.0	7.5	PRODUCED	13,600
	OUTLET	C.U.	82.3	EXPORTED	11,738
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.2	203.5	220.7	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	110.8			DAILY	193.5X10 ⁵
				M-T-D	2520.9X10 ⁵

KE - Scheduled charge discharge and maintenance continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	4000	4000	REACTOR	350
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	4000	4000		4000
3. INPUT PRODUCTION - MWD	0	4000	4000		792
4. OUTAGE HOURS	24.0	0	24.0		19.5
5. FORECAST FOR MO. TOE					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		ADM	---		
9. ESTIMATED STARTUP TIME DATE					
10. FUEL FAILURES - M-T-D NAT.					
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	5
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	8.2	7.3	--	PRODUCED	2,692
	OUTLET	C.U.	82.2	EXPORTED	1,187
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	40.0	203.5	243.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	163.8			DAILY	36.4X10 ⁵
				M-T-D	2557.3X10 ⁵

KE - Completed charge discharge. In startup preparation.

N - Reactor was scrammed at 0430 hours due to an unexplained CRW pump trip.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	1800	4000	5800	REACTOR	3300
				WPPSS	700
2. MAX. POWER LEVEL - MW	625	4000	4625		3300
3. INPUT PRODUCTION - MWD	4	4000	4004		1709
4. OUTAGE HOURS	21.4	0	21.4		6
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	66.5	100.0		59.3
	30 DAY AVG	58.9	91.9		66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.8	+18.6	+2.8		-11.5
8. FACTOR LIMITING POWER LEVEL		ADM	--		N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	125
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 233C HRS.	INLET	8.0	7.3	PRODUCED	5,757
	OUTLET	8.9	82.0	EXPORTED	4,614
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	72.0	203.5	275.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 161.5				DAILY	72.9X10 ⁵
				M-T-D	2630.2X10 ⁵

KE - Reactor resumed operation at 1956 hours concluding a scheduled outage. The reactor was scrammed at 2118 hours and was down until 2157 hours due to an unexplained panellit trip on gauge 2883. The reactor was again shut down at 2308 hours to correct several front face venturis leaks to crossheader adapters and repair a rear crossheader expansion joint leak.

N - Reactor resumed operation at 0600 hours concluding a CRW pump trip outage.

12-26-69 (12-8)

KE - Reactor resumed operation at 0550 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3525	4000	7525	REACTOR	4000
				WPPSS	802
2. MAX. POWER LEVEL - MW	3350	4000	7350		3850
3. INPUT PRODUCTION - MWD	2026	4000	6026		3281
4. OUTAGE HOURS	5.8	0	5.8		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	125
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.8	7.2	PRODUCED	11,319
	OUTLET	71.3	82.1	EXPORTED	9,996
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		196.0	203.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	162.0X10 ⁵
				M-T-D	2792.2X10 ⁵

KE - Reactor resumed operation at 0550 hours concluding an outage for front face and rear expansion joint leak repairs.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY + MW	3725	4000	7725	REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	3700	4000	7700		4000
3. INPUT PRODUCTION - MWD	3561	4000	7561		3988
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	128
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	7.8	6.9	--	PRODUCED	13,800
	OUTLET	77.7	81.8	EXPORTED	11,625
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5	203.0	402.5	185-N BLDG' KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	167.9			DAILY	192.9X10 ⁵
				M-T-D	2985.1X10 ⁵

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	KE	KW	TOTAL	N.	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3790	4000	7790	REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	3770	4000	7770		4000
3. INPUT PRODUCTION - MWD	3739	4000	7739		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF.	M-T-D	69.3	100.0		63.7
	30 DAY AVG	66.2	100.0		66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.9	+21.1	+5.2		-8.0
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.3	6.6	PRODUCED	13,800
	OUTLET	78.8	81.6	EXPORTED	11,666
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	203.0	403.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 167.0				DAILY	192.6X10 ⁵
				M-T-D	3177.7X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3830	4000	7830	REACTOR	4000
					WPPSS	809
2. MAX. POWER LEVEL - MW		3810	4000	7810		4000
3. INPUT PRODUCTION - MWD		3797	4000	7797		4000
4. OUTAGE HOURS		0	0	0		0
5. FORECAST FOR MO.	TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6	195.2		80.6
6. TIME OPER. EFF.	M-T-D	70.3	100.0	85.2		64.9
	30 DAY AVG	68.0	100.0	84.0		66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.3	+22.0	+6.7		-6.6
8. FACTOR LIMITING POWER LEVEL		N.E.	ADM	--		ADM
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUE FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	128
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.0	6.7	--	PRODUCED	13,600
	OUTLET	79.2	81.4	--	EXPORTED	11,855
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	203.0	403.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		169.1			DAILY	193.0X10 ⁵
					M-T-D	3370.7X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3865	4000	7865	REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	3850	4000	7850		4000
3. INPUT PRODUCTION - MWD	3835	4000	7835		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF. M-T-D	71.3	100.0	85.7		66.1
	30 DAY AVG	71.3	100.0		66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-14.6	+22.8	+8.2		-5.2
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
	ENR.	0	0		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.9	6.2	--	PRODUCED	13,600
	OUTLET	79.9	81.2	EXPORTED	12,260
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	203.0	403.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	169.3			DAILY	193.8X10 ⁵
				M-T-D	3564.5X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3910	4000	7910	REACTOR	4000
				WPPSS	808
2. MAX. POWER LEVEL - MW	3900	4000	7900		4000
3. INPUT PRODUCTION - MWD	3874	4000	7874		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE	80.3	80.3	80.3		67.7
	KMWD	97.6	97.6		80.6
6. TIME OPER. EFF. M-T-D	72.2	100.0	86.1		67.2
	30 DAY AVG	74.5	100.0		66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-13.8	+23.6	+9.8		-3.8
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		ADM
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - NAT.	0	0	0		0
M-T-D ENR.	0	0	0		0
11. WATER LEAKS - TUBE	0	0	0	MSH PSIG	128
M-T-D V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.8	6.1	--	PRODUCED	13,600
AT 2330 HRS. OUTLET	80.6	81.0	--	EXPORTED	12,175
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	203.0	403.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	168.8			DAILY	193.4X10 ⁵
				M-T-D	3757.9X10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3935	0	3935	REACTOR 0 WPPSS 0
2. MAX. POWER LEVEL - MW	3925	4000	7925	4000
3. INPUT PRODUCTION - MWD	3914	3874	7788	4000
4. OUTAGE HOURS	0	0.7	0.7	0
5. FORECAST FOR MO.	TOE			
	KMWD			
6. TIME OPER. EFF.	M-T-D			
	30 DAY AVG			
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD				
8. FACTOR LIMITING POWER LEVEL	N.E.		--	ADM
9. ESTIMATED STARTUP TIME	DATE	1-7-70		1-3-70
	HOUR	0100		0400
10. FUEL FAILURES - M-T-D	NAT.			
	ENR.			
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG 128
	V.S.			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET	6.9	6.1	PRODUCED 13,600
	OUTLET	81.1	11.0	EXPORTED 12,246
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	186.0	386.0
14. PEAK ELECT. DEMAND - MW		166.0		185-N BLDG KWH OUTPUT
				DAILY 193.6X10 ⁵
				M-T-D 193.6X10 ⁵

KW - Reactor shut down at 2320 hours for scheduled charge-discharge and maintenance.

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N - Reactor scrambled at 0314 hours due to a zone monitor trip on 1860.

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	KE	KW	TOTAL	REACTOR	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3935	0	3935	0	0
2. MAX. POWER LEVEL - MW	3935	0	3935	4000	
3. INPUT PRODUCTION - MWD	3934	0	3934	539	
4. OUTAGE HOURS	0	24.0	24.0	20.8	
5. FORECAST FOR MO. TOE KMWD					
6. TIME OPER. EFF. M-T-D 30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	T.P.		--		
9. ESTIMATED STARTUP TIME DATE HOUR					
10. FUEL FAILURES - NAT. M-T-D ENR.					
11. WATER LEAKS - TUBE M-T-D V.S.				MSH PSIG 26	
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET 6.2 AT 2330 HRS. OUTLET 81.0		7.1 C.U.	-- --	PRODUCED 1.7	
				EXPORTED 1.53	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	15.6	215.6	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 113.5				DAILY 26.3X10 ⁵	
				M-T-D 219.9X10 ⁵	

KW - Reactor continued down for scheduled work.

N - Reactor scrammed at 0314 hours due to a zone monitor trip on 1860.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800. FOLLOWING DAY - MW	3945	0	3945	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3945	0	3945		3300
3. INPUT PRODUCTION - MWD	3940	0	3940		1661
4. OUTAGE HOURS	0	24.0	24.0		6.8
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	T.P.		--		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.				/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	60
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.2	7.0	--	PRODUCED	5500
	OUTLET	81.1	C.U.	EXPORTED	4800
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	15.7	215.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	106.3			DAILY	73.7X10 ⁵
				M-T-D	296.3X10 ⁵

KW - Scheduled charge discharge.

N - Reactor resumed operation at 0600 hours concluding zone monitor trip.
The reactor was shut down again at 2312 hours due to a ground in the
limit switch on the A cell outlet gate in the 117 Bldg.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3970	0	3970	REACTOR	3200
				WPPSS	650
2. MAX. POWER LEVEL - MW	3960	0	3960	2750	
3. INPUT PRODUCTION - MWD	3953	0	3953	450	
4. OUTAGE HOURS	0	24.0	24.0	15.3	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	
	KMWD	60.3	92.7	153.0	
6. TIME OPER. EFF.	M-T-D	100.0	24.3	62.1	
	30 DAY AVG	74.6	89.9	82.3	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+2.3	-8.1	-5.8	-2.7	
8. FACTOR LIMITING POWER LEVEL	T.P.		--	N.E.	
9. ESTIMATED STARTUP TIME	DATE	1-7-70			
	hour	0400			
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG 128	
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.9	6.8	PRODUCED 1485	
	OUTLET	81.2	C.U.	EXPORTED 711	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	16.5	216.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 109.9			DAILY		10.6X10 ⁵
			M-T-D		306.9X10 ⁵

KW - Scheduled charge discharge and maintenance work as required are in progress.

N - Reactor resumed operation at 1516 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	0	4000	REACTOR	4000
				WPPSS	808
2. MAX. POWER LEVEL - MW	3985	0	3985		3800
3. INPUT PRODUCTION - MWD	3975	0	3975		3260
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE	52.3	80.3		61.3
	KMWD	60.3	92.7		73.0
6. TIME OPER. EFF.	M-T-D	100.0	19.4		64.2
	30 DAY AVG	74.6	86.6		60.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+10.0	-11.1	-1.1		-1.9
8. FACTOR LIMITING POWER LEVEL	T.P.		--		N.E.
9. ESTIMATED STARTUP TIME	DATE		1-7-70		
	HOUR		0400		
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.6	6.5	PRODUCED	11,247
	OUTLET	31.3	C.U.	EXPORTED	9,928
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	15.5	215.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	112.0			DAILY	153.8X10 ⁵
				M-T-D	460.7X10 ⁵

KW - Scheduled work is continuing. Completed charge discharge. Maintenance work as required is in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	0	4000	REACTOR	4000
				WPPSS	808
2. MAX. POWER LEVEL - MW	4000	0	4000		4000
3. INPUT PRODUCTION - MWD	3998	0	3998		3937
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO.	TOE	52.3	80.3		61.3
	KMWD	60.3	92.7		73.0
6. TIME OPER. EFF.	M-T-D	100.0	16.2		70.2
	30 DAY AVG	74.6	83.2		60.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+12.0	-14.0	-2.0		-0.3
8. FACTOR LIMITING POWER LEVEL	ADM		--		ADM
9. ESTIMATED STARTUP TIME	DATE		1-9-70		
	HOUR		1600		
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.3	6.0	PRODUCED	13,386
	OUTLET	81.2	C.U.	EXPORTED	12,207
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	13.4	213.4	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	109.9			DAILY	194.0X10 ⁵
				M-T-D	654.7X10 ⁵

KW - Reactor is continuing down for replacement of confinement system filters.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	0	4000	REACTOR	4000
				WPPSS	810
2. MAX. POWER LEVEL - MW	4000	0	4000		4000
3. INPUT PRODUCTION - MWD	4000	0	4000		4000
4. OUTAGE HOURS	0	24.0	24.0		0
5. FORECAST FOR MO. TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7		73.0
6. TIME OPER. EFF. M-T-D	100.0	13.9	56.9		74.5
	30 DAY AVG	74.6	79.9		60.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+14.1	-17.0	-2.9		+1.3
8. FACTOR LIMITING POWER LEVEL	ADM		--		ADM
9. ESTIMATED STARTUP TIME DATE		1-9-70			
	HOUR	1600			
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	128
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	5.1	4.5	--	PRODUCED	13,628
	OUTLET	81.1	5.0	EXPORTED	12,177
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	66.0	266.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	156.4			DAILY	193.5X10 ⁵
				M-T-D	848.2X10 ⁵

KW - Completed replacement of confinement system filters in B cell. Iodine checks of the filters are in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	3155	7155	REACTOR	4000
					WPPSS	808
2. MAX. POWER LEVEL - MW		4000	30	4030		4000
3. INPUT PRODUCTION - MWD		4000	0	4000		4000
4. OUTAGE HOURS		0	23.7	23.7		0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	100.0	12.3	56.1		77.7
	30 DAY AVG	74.6	76.6	75.6		60.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+16.1	-20.0	-3.9		+3.0
8. FACTOR LIMITING POWER LEVEL		ADM	NE	--		ADM
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	128
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.0	4.3	--	PRODUCED	13,628
	OUTLET	81.0	4.9	--	EXPORTED	12,171
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	180.0	380.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW					DAILY	193.5X10 ⁵
					M-T-D	1041.7X10 ⁵

167.8

KW - Reactor resumed at 2341 hours concluding a scheduled charge discharge and maintenance outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3825	7825	REACTOR	4000
				WPPSS	807
2. MAX. POWER LEVEL - MW	4000	3785	7785	4000	
3. INPUT PRODUCTION - MWD	4000	3208	7208	4000	
4. OUTAGE HOURS	0	0	0	0	
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	NE	--	ADM	
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	128
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.1	4.4	PRODUCED	13,572
	OUTLET	81.2	75.5	EXPORTED	12,190
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	202.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	168.6			DAILY	193.3X10 ⁵
				M-T-D (1)	1232.3X10 ⁵

(1) Corrected, WPPSS Records.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3860	7860	REACTOR	4000
				WPPSS	807
2. MAX. POWER LEVEL - MW	4000	3860	7860		4000
3. INPUT PRODUCTION - MWD	4000	3831	7831		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	NE	--		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.			/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	128
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.1	4.4	PRODUCED	13,572
	OUTLET	81.2	76.4	EXPORTED	12,203
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	202.5	402.5	185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	168.7			DAILY	192.2X10 ⁵
				M-T-D	1425.5X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	3915	7915	REACTOR	4000
					WPPSS	804
2. MAX. POWER LEVEL - MW		4000	3905	7905	4000	
3. INPUT PRODUCTION - MWD		4000	3876	7876	4000	
4. OUTAGE HOURS		0	0	0	0	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	61.3	
	KMWD	60.3	92.7	153.0	73.0	
6. TIME OPER. EFF.	M-T-D	100.0	36.2	68.1	83.7	
	30 DAY AVG	74.6	76.6	75.6	67.7	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+22.3	-18.1	+4.2	+7.9	
8. FACTOR LIMITING POWER LEVEL		ADM	NE	--	ADM	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	128
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.0	4.7	--	PRODUCED	13,572
	OUTLET	81.1	77.6	--	EXPORTED	12,156
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	202.5	402.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 170.2					DAILY	192.7X10 ⁵
					M-T-D	1618.2X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	3965	7965	REACTOR	4000
					WPPSS	806
2. MAX. POWER LEVEL - MW		4000	3955	7955		4000
3. INPUT PRODUCTION - MWD		4000	3927	7927		4000
4. OUTAGE HOURS		0	0	0		0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	100.0	41.5	70.8		85.1
	30 DAY AVG	74.6	76.6	75.6		71.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+24.4	-17.2	+7.2		+9.5
8. FACTOR LIMITING POWER LEVEL		ADM	NE	--		ADM
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	/ / / / / / / / / /	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	127
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.7	4.2	--	PRODUCED	13,570
	OUTLET	80.6	78.1	--	EXPORTED	12,200
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	202.5	402.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		171.5			DAILY	192.6x10 ⁵
					M-T-D	1810.8x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	3985	7985	REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	4000	3985	7985		4000
3. INPUT PRODUCTION - MWD	4000	3971	7971		4000
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO. TOE	52.3	80.3	66.3		61.3
KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF. M-T-D	100.0	46.0	73.0		86.2
30 DAY AVG	74.6	76.6	75.6		74.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+26.4	-16.2	+10.2		+11.2
8. FACTOR LIMITING POWER LEVEL	ADM	NE	--		ADM
9. ESTIMATED STARTUP TIME DATE					
HOUR					
10. FUEL FAILURES - M-T-D NAT.	0	0	0	/ / / / /	
ENR.	0	0	0		
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	128
V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	4.8	4.3	--	PRODUCED	13,540
OUTLET	80.8	78.8	--	EXPORTED	12,250
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0	202.5	402.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	169.9			DAILY	193.0x10 ⁵
				M-T-D	2003.8x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	4000	4000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	4000	8000	4000	
3. INPUT PRODUCTION - MWD	1942	3991	5933	2734	
4. OUTAGE HOURS	12.2	0	12.2	7.2	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	
	KMWD	60.3	92.7	153.0	
6. TIME OPER. EFF.	M-T-D	96.4	49.9	73.1	
	30 DAY AVG	72.9	76.6	74.8	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+26.5	-15.2	+11.3	+11.6	
8. FACTOR LIMITING POWER LEVEL		ADM	--		
9. ESTIMATED STARTUP TIME	DATE	1-17-70		1-23-70	
	HOUR	0800		1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	
	ENR.	0	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	15
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.2	4.8	PRODUCED	9,257
	OUTLET	C.U.	79.6	EXPORTED	8,277
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.2	202.5	219.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	169.9			DAILY	130.7X10 ⁵
				M-T-D	2134.5X10 ⁵

KE - Reactor shut down at 1148 hours for scheduled charge discharge.

N - Reactor shut down at 1650 hours for scheduled charge discharge.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	4000	4000	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		0	4000	4000		0
3. INPUT PRODUCTION - MWD		0	4000	4000		0
4. OUTAGE HOURS		24.0	0	24.0		24.0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	89.9	53.2	71.6		79.4
	30 DAY AVG	69.6	76.6	73.1		76.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+24.5	-14.1	+10.4		+9.3
8. FACTOR LIMITING POWER LEVEL						
9. ESTIMATED STARTUP TIME	DATE	1-17-70			1-23-70	
	HOUR	0800			1600	
10. FUEL FAILURES -- M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS -- M-T-D	TUBE	0	0	0	MSH PSIG	15
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.5	4.5	--	PRODUCED	0
	OUTLET	C.U.	79.3	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.0	202.5	219.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		113.7			DAILY	0
					M-T-D	2134.5X10 ⁵

KE - Scheduled charge discharge and maintenance are continuing.

N - Scheduled charge discharge and maintenance are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	4000	4000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0	4000	4000		0
3. INPUT PRODUCTION - MWD	0	4000	4000		0
4. OUTAGE HOURS	24.0	0	24.0		24.0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL		ADM	--		
9. ESTIMATED DATE STARTUP TIME HOUR					
10. FUEL FAILURES - NAT. M-T-D ENR.					
11. WATER LEAKS - TUBE M-T-D V.S.				MSH PSIG	17
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET AT 2330 HRS. OUTLET	6.2 C.U.	4.3 79.1	-- --	PRODUCED	0
				EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.8	202.5	219.3	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	112.1			DAILY	0
				M-T-D	2134.5X10 ⁵

KE - Charge discharge and maintenance continuing.

N - Maintenance work continuing. Rod #34 was found to be broken.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3300	4000	7300	REACTOR	0
2. MAX. POWER LEVEL - MW	2600	4000	6600	WP'SS	0
3. INPUT PRODUCTION - MWD	435	4000	4435		0
4. OUTAGE HOURS	17.9	0	17.9		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	20
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.9	4.2	PRODUCED	0
	OUTLET	52.1	79.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		191.0	202.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		166.0		DAILY	0
				M-T-D	2134.5X10 ⁵

KE - Reactor resumed operation at 1756 hours concluding a scheduled outage.

N - Scheduled work continuing. Began charge discharge operations. Cap inspection revealed 18 missing spacers.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3900	4000	7900	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3870	4000	7870		0
3. INPUT PRODUCTION - MWD	3420	4000	7420		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TO/E	52.3	80.3		61.3
	KMWD	60.3	92.7		73.0
6. TIME OPER. EFF.	M-T-D	81.9	61.0		66.2
	30 DAY AVG	68.7	76.6		76.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+22.5	-11.1	+11.4		+2.2
8. FACTOR LIMITING POWER LEVEL	N.E.	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				1-23-70
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	25
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.9	4.3	PRODUCED	0
	OUTLET	78.1	79.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	197.0	202.5	399.5	165-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	166.9			DAILY	0
				M-T-D	2134.5X10 ⁵

N - Scheduled work is continuing. Charge discharge and rework of caps are in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000	4000	8000		0
3. INPUT PRODUCTION - MWD		3933	4000	7933		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	82.9	63.1	73.0		62.7
	30 DAY AVG	72.0	76.6	74.3		72.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+24.4	-10.1	+14.3		-0.1
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE					1-23-70
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	27
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.5	4.1	--	PRODUCED	0
	OUTLET	80.2	78.8	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0	202.5	401.5	185--N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		167.2			DAILY	0
					M-T-D	2134.5X10 ⁵

N - Scheduled work is continuing. Project work GCP-411, rod 34 removal, and other maintenance work are in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	4000	8000		0
3. INPUT PRODUCTION - MWD	4000	4000	8000		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE	52.3	80.3		61.3
	KMWD	60.3	92.7		73.0
6. TIME OPER. EFF.	M-T-D	83.7	64.9		59.6
	30 DAY AVG	75.4	76.6		69.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+26.5	-9.1	+17.4		-2.5
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				1-23-70
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	27
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.8	4.2	PRODUCED	0
	OUTLET	80.5	79.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.0	202.5	401.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
	169.2			M-T-D	2134.5X10 ⁵

N - Project work GCP-411, work on rod 34, and other maintenance work are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	4000	8000		0
3. INPUT PRODUCTION - MWD	4000	4000	8000		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE	52.3	80.3	66.3		61.3
	60.3	92.7	153.0		73.0
6. TIME OPER. EFF. M-T-D	84.5	66.6	75.5		56.7
30 DAY AVG	78.7	76.6	77.7		66.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+28.6	-8.1	+20.5		-4.9
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--		
9. ESTIMATED STARTUP TIME DATE					1-23-70
HOUR					1600
10. FUEL FAILURES - M-T-D NAT.	0	0	0		
ENR.	0	0	0		0
11. WATER LEAKS - M-T-D TUBE	0	0	0	MSH PSIG	28
V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	4.6	4.0	--	PRODUCED	0
OUTLET	80.4	79.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.0	202.5	401.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	169.9			DAILY	0
				M-T-D	2134.5X10 ⁵

N - Project work GCP-411 (Effluent Control Program), rod #34 work and other maintenance are continuing.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000	4000	8000		0
3. INPUT PRODUCTION - MWD		4000	4000	8000		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	85.2	68.1	76.7		54.1
	30 DAY AVG	82.0	76.6	79.3		62.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+30.6	-7.1	+23.5		-7.2
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE					1-25-70
	HOUR					2400
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	30
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.4	4.0	--	PRODUCED	0
	OUTLET	80.3	78.8	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5	202.5	402.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		168.2			DAILY	0
					M-T-D	2134.5X10 ⁵

N - Scheduled work is continuing. Rod #34 was removed and channel vacuummed.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	4000	8000		0
3. INPUT PRODUCTION - MWD	4000	4000	8000		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--		
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.				/ / / / /	
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	31
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	4.7	4.1	--	PRODUCED	0
	OUTLET	80.5	78.9	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5	202.5	401.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	170.2			DAILY	0
				M-T-D	2134.5x10 ⁵

N - Completed charge-discharge. Installation of new rod in channel 34 and other maintenance work in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000	4000	8000		0
3. INPUT PRODUCTION - MWD	4000	4000	8000		0
4. OUTAGE HOURS	0	0	0		24.0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.9	4.5	PRODUCED	0
	OUTLET	80.8	79.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0	202.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		166.6		DAILY	0
				M-T-D	2134.5X10 ⁵

N - Completed installation of new rod in channel 34. Other maintenance work is continuing including CF-1 boiler leak repair.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000	4000	8000		0
3. INPUT PRODUCTION - MWD		4000	4000	8000		0
4. OUTAGE HOURS		0	0	0		24.0
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	87.0	71.9	79.5		47.6
	30 DAY AVG	89.2	76.6	82.9		56.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+36.8	-4.1	+32.7		-14.3
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				1-26-70	
	HOUR				1600	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	20
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.9	4.7	--	PRODUCED	0
	OUTLET	80.8	79.4	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0	202.5	401.5	185-N BLDC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		167.4			DAILY	0
					M-T-D	2134.5X10 ⁵

N - Maintenance work is continuing including #2 primary pump and CE boiler leak repairs. Startup checks essentially completed for conducting Physics Test.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	3200
				WPPSS	658
2. MAX. POWER LEVEL - MW	4000	4000	8000	500	
3. INPUT PRODUCTION - MWD	4000	4000	8000	28	
4. OUTAGE HOURS	0	0	0	20.8	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	
	KMWD	60.3	92.7	153.0	
6. TIME OPER. EFF.	M-T-D	87.5	73.0	80.2	
	30 DAY AVG	89.2	76.6	82.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+38.8	-3.0	+35.8	-16.6	
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--	N.E.	
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	
	ENR.	0	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	0	0	
	V.S.	0	0	0	
12. WATER TEMP. AT 2330 HRS.	INLET	4.3	4.0	--	
	OUTLET	80.3	78.8	--	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5	202.5	402.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	164.3			DAILY	0
				M-T-D	2134.5X10 ⁵

N - Reactor resumed operation at 2047 hours concluding a scheduled outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	3900
					WPPSS	800
2. MAX. POWER LEVEL - MW		4000	4000	8000	3300	
3. INPUT PRODUCTION - MWD		4000	4000	8000	2852	
4. OUTAGE HOURS		0	0	0	0	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	61.3	
	KMWD	60.3	92.7	153.0	73.0	
6. TIME OPER. EFF.	M-T-D	87.9	74.0	81.0	48.3	
	30 DAY AVG	89.2	76.6	82.9	53.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+40.9	-2.0	+38.9	-16.1	
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	---	N.E.	
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0	0	
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	125
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.5	4.1	--	PRODUCED	9,839
	OUTLET	80.4	78.9	--	EXPORTED	8,607
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5	202.5	402.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		169.1			DAILY	134.2X10 ⁵
					M-T-D	2268.7X10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000	4000	8000	4000	
3. INPUT PRODUCTION - MWD		4000	4000	8000	3900	
4. OUTAGE HOURS		0	0	0	1.0	
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3	61.3	
	KMWD	60.3	92.7	153.0	73.0	
6. TIME OPER. EFF.	M-T-D	88.4	74.9	81.7	50.0	
	30 DAY AVG	89.2	76.5	82.9	53.3	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+42.9	-1.0	+41.9	-14.5	
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE				1-29-70	
	HOUR				2000	
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	90
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.7	4.1	--	PRODUCED	12,507
	OUTLET	80.5	79.0	--	EXPORTED	11,582
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5	202.5	402.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		168.1			DAILY	183.7X10 ⁵
					M-T-D	2452.4X10 ⁵

N - Reactor scrammed at 2257 hours due to an unexplained flow monitor trip.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	4000	8000	REACTOR	500
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000	4000	8000		50
3. INPUT PRODUCTION - MWD		4000	4000	8000		0
4. OUTAGE HOURS		0	0	0		23.7
5. FORECAST FOR MO.	TOE	52.3	80.3	66.3		61.3
	KMWD	60.3	92.7	153.0		73.0
6. TIME OPER. EFF.	M-T-D	88.8	75.8	82.3		48.3
	30 DAY AVG	89.2	76.6	82.9		50.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+45.0	0	+45.0		-16.9
8. FACTOR LIMITING POWER LEVEL		ADM	ADM	--		
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0	0	0		
	ENR.	0	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	0	0	MSH PSIG	20
	V.S.	0	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.5	4.1	--	PRODUCED	0
	OUTLET	80.5	79.0	--	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5	202.5	402.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		170.8			DAILY	0
					M-T-D	2452.4x10 ⁵

N - Reactor resumed operation at 2148 hours concluding an outage caused by a flow monitor trip. The reactor was manually scrammed at 2206 hours due to problems with the control rods.

1-30-70 (12-8)

N - Reactor resumed operation at 0538 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000	4000	8000	REACTOR	3500
				WPPSS	722
2. MAX. POWER LEVEL - MW	4000	4000	8000		3500
3. INPUT PRODUCTION - MWD	4000	4000	8000		1880
4. OUTAGE HOURS	0	0	0		5.6
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	--		NE
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	126
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.5	4.0	PRODUCED	6,298
	OUTLET	80.5	78.9	EXPORTED	5,395
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		200.0	202.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	171.3			DAILY	83.2X10 ⁵
				M-T-D	2535.6X10 ⁵

N - Reactor resumed operation at 0538 hours concluding an outage caused by problems with control rods.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0	0	0	REACTOR	4000
				WPPSS	807
2. MAX. POWER LEVEL - MW	4000	4000	8000		4000
3. INPUT PRODUCTION - MWD	4000	3957	7957		3603
4. OUTAGE HOURS	0	0	0		0
5. FORECAST FOR MO.	TOE	52.3	80.3		66.3
	KMWD	60.3	92.7		153.0
6. TIME OPER. EFF.	M-T-D	89.5	77.4		83.4
	30 DAY AVG	89.2	76.6		82.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+49.1	+1.9		+51.0
8. FACTOR LIMITING POWER LEVEL	ADM	ADM	---		ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0	0		0
	ENR.	0	0		0
11. WATER LEAKS - M-T-D	TUBE	0	0	MSH PSIG	125
	V.S.	0	0	NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	4.6	4.1	PRODUCED	12,257
	OUTLET	80.4	79.0	EXPORTED	11,300
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5	202.5	185-N BLDG RWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	179.9X10 ⁵
				M-T-D	2715.5X10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	1207				4000
4. OUTAGE HOURS	16.7				0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED STARTUP TIME	DATE	3-20-70			
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE				
	V.S.			MSH PSIG	123
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.2	5.8	PRODUCED	13,600
	OUTLET	C.U.	C.U.	EXPORTED	12,102
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.3	18.2		185-N BLDG KWH OUTPUT
			36.5		
14. PEAK ELECT. DEMAND - MW	81.7			DAILY	191.9X10 ⁵
				M-T-D	191.9X10 ⁵

KE - Reactor was shut down at 0720 hours for scheduled extended outage to repair "Wye" joints in 190 building.

KW - Reactor was shut down at 0001 hours for deactivation work to place reactor on standby status. Discharge of the fuel elements is in progress which is 6% completed.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0			4000	
3. INPUT PRODUCTION - MWD	0			3144	
4. OUTAGE HOURS	24.0			5.0	
5. FORECAST FOR MO. TOE	0			89.3	
	KMWD	0		96.0	
6. TIME OPER. EFF. M-T-D	15.2			89.6	
	30 DAY AVG	83.5		52.4	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2			+0.3	
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME DATE	3-29-70			2-3-70	
	HR			1800	
10. FUEL FAILURES - M-T-D NAT.	0			1	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	20
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	12.2	5.8	--	PRODUCED	10,689
	OUTLET	C.U.	--	EXPORTED	9,479
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.9	18.0	32.9	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 52.2				DAILY	150.7X10 ⁵
				M-T-D	342.6X10 ⁵

KE - "Wye" joint replacement and other maintenance work are in progress.

KW - Deactivation work is continuing; 10% of the fuel elements have been discharged. Water supply to the HCR system has been turned off.

N - Reactor was scrammed at 1859 hours due to a 94 Metal fuel element failure in process tube 1046.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3200
				WPPSS	620
2. MAX. POWER LEVEL - MW	0				500
3. INPUT PRODUCTION - MWD	0				48
4. OUTAGE HOURS	24.0				19.2
5. FORECAST FOR MO. TOE	0				89.3
KMWD	0				96.0
6. TIME OPER. EFF. M-T-D	10.1				66.4
30 DAY AVG	80.2				49.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	0				-3.0
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME DATE					2-3-70
HOUR					
10. FUEL FAILURES - NAT.	0			/ / / / /	
M-T-D ENR.	0				
11. WATER LEAKS - TUBE	0			MSH PSIG	120
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	10.6	5.7		PRODUCED	162
AT 2330 HRS. OUTLET	C.U.	C.U.		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.0	18.0		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	54.6			DAILY	150.7X10 ⁵
				M-T-D	342.6X10 ⁵

KE - Work is continuing.

KW - Progress at 19%.

N - Reactor resumed operation at 1913 hours.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	779
2. MAX. POWER LEVEL - MW	0				3400
3. INPUT PRODUCTION - MWD	0				2892
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	7.6				74.8
	30 DAY AVG	76.8			
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+12.7				-3.6
8. FACTOR LIMITING POWER LEVEL					N.E.
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - NAT.	0				
M-T-D	ENR.	0			1
11. WATER LEAKS - TUBE	0			MSH PSIG	120
M-T-D	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.5	5.2		PRODUCED	9,833
AT 2330 HRS. OUTLET	C.U.	C.U.		EXPORTED	8,713
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.0	18.0		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	53.3			DAILY	136.7X10 ⁵
				M-T-D	479.3X10 ⁵

KE - "Wye" joint replacement is on schedule. Other maintenance work is continuing.

KW - Deactivation work is continuing; 29% of fuel elements had been discharged as of 8 a.m. on 2-5-70.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3800
3. INPUT PRODUCTION - MWD	0				3735
4. OUTAGE HOURS	24.0				0
5. DRECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	6.1				79.8
	30 DAY AVG	73.5			51.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-3.3
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.4	5.0	--	PRODUCED	12,748
	OUTLET	C.U.	C.U.	EXPORTED	11,600
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.0	16.5	30.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	52.6			DAILY	185.7X10 ⁵
				M-T-D	665.0X10 ⁵

KE-"Wye" joint replacement and other maintenance work are continuing.

KW- Deactivation work is continuing; 38% of fuel elements have been discharged. Discharge of metal has been discontinued until the metal in pickup chutes is cleared out. Verification of empty tubes and metal pick up are in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3800
3. INPUT PRODUCTION - MWD	0				3800
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED DATE STARTUP TIME HOUR					
10. FUEL FAILURES - NAT. M-T-D ENR.					
11. WATER LEAKS - TUBE M-T-D V.S.				MSH PSIG	123
				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET AT 2330 HRS. OUTLET	6.3 C.U.	5.1 C.U.	-- --	PRODUCED	12,957
				EXPORTED	12,091
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.0	16.5	30.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	52.0			DAILY	192.1X10 ⁵
				M-T-D	857.1X10 ⁵

KE - Scheduled work continuing.

KW - Deactivation work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3800
3. INPUT PRODUCTION - MWD	0				3800
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE					
	KMWD				
6. TIME OPER. EFF. M-T-D					
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED DATE					
STARTUP TIME HOUR					
10. FUEL FAILURES - NAT.					
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	123
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.5	5.5	--	PRODUCED	12,958
AT 2330 HRS. OUTLET	C.U.	C.U.	--	EXPORTED	12,102
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.5	16.0	30.5	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	49.2			DAILY	191.9X10 ⁵
				M-T-D	1049.0X10 ⁵

KE - Scheduled work continuing.

KW - Deactivation work continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3800
3. INPUT PRODUCTION - MWD	0				3800
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	3.8				87.4
30 DAY AVG	70.2				51.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-2.2
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.5	5.8	--	PRODUCED	12,983
	OUTLET	C.U.	C.U.	EXPORTED	12,117
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.1	16.0	30.1	185-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.7			DAILY	193.3X10 ⁵
				M-T-D	1242.3X10 ⁵

KE - Scheduled "wye" joint replacement and other maintenance work as required are continuing.

KW - Deactivation work continuing; 48% of the fuel elements have been discharged from the reactor.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3950
				WPPSS	805
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3833
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD				96.0
6. TIME OPER. EFF. M-T-D	3.4				88.8
	30 DAY AVG	60.2			51.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-1.8
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.5	5.0	--	PRODUCED	13,094
	OUTLET	C.U.	C.U.	EXPORTED	12,135
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.1	15.2	29.3	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	51.3			DAILY	192.8X10 ⁵
				M-T-D	1435.1X10 ⁵

KE - Scheduled work is continuing. "Wye" joint replacement, HCR and VSR work, and other maintenance work as required are in progress.

KW - Deactivation work is continuing; 52% of the fuel elements have been discharged from the reactor.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				3950
3. INPUT PRODUCTION - MWD	0				3360
4. OUTAGE HOURS	24.0				3.5
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	3.0				88.5
	30 DAY AVG	56.3			51.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-1.9
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME DATE	4-5-70				2-11-70
	HOUR	0800			1930
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	25
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.4	4.6	--	PRODUCED	11,480
	OUTLET	C.U.	C.U.	EXPORTED	10,351
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.7	15.0	29.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW 54.2				DAILY	164.9X10 ⁵
				M-T-D	1600.0X10 ⁵

KE - Wye joint replacement, work on HCRS and VSRS, pick-up chute conveyor revision, and other maintenance work are in progress.

KW - Discharging of fuel elements is continuing which is 59% completed.

N - Reactor was scrammed at 2030 hours due to an unexplained trip on the zone temperature monitor system.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3100
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				140
3. INPUT PRODUCTION - MWD	0				9
4. OUTAGE HOURS	24.0				22.1
5. FORECAST FOR MO.	TOE	0			89.3
	KMWD	0			96.0
6. TIME OPER. EFF.	M-T-D	2.8			81.1
	30 DAY AVG	53.5			48.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-5.3
8. FACTOR LIMITING POWER LEVEL					NE
9. ESTIMATED STARTUP TIME	DATE	4-5-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	90
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.4	4.0	PRODUCED	0
	OUTLET	C.U.	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.7	14.0	28.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	57.1			DAILY	0
				M-T-D	1600.0X10 ⁵

KE - "Wye" joint replacement, HCR and VSR work, and other maintenance work as required are continuing. Wye joint replacement on A and D headers, except for radiographing of welds, has been completed.

KW - Discharging of fuel elements is continuing; 69% completed.

N - Reactor resumed operation at 2205 hours concluding an outage caused by trips on the zone temperature monitor system.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3700
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3300
3. INPUT PRODUCTION - MWD	0				2816
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD				96.0
6. TIME OPER. EFF. M-T-D	2.5				82.7
	30 DAY AVG	50.2			48.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-5.9
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	120
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.2	4.5	--	PRODUCED	3032
	OUTLET	C.U.	C.U.	EXPORTED	873
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.2	14.5	28.7	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	52.1			DAILY	134.7X10 ⁵
				M-T-D	1734.7X10 ⁵

KE - "Wye" joint replacement, VSR and HCR work, and maintenance work as required are continuing. Started wye joint replacement on C header.

KW - Discharging of fuel elements is continuing; 82.5% completed.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	804
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3804
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE					
KMWD					
6. TIME OPER. EFF. M-T-D					
30 DAY AVG					
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED DATE					
STARTUP TIME HOUR					
10. FUEL FAILURES - NAT.				//	
M-T-D ENR.					
11. WATER LEAKS - TUBE				MSH PSIG	124
M-T-D V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.1	4.6		PRODUCED	12,972
AT 2330 HRS. OUTLET	C.U.	C.U.		EXPORTED	11,788
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.7	13.9		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	52.1			DAILY	191.2X10 ⁵
				M-T-D	1925.9X10 ⁵

KE - Scheduled work is continuing.

KW - Discharge of fuel elements is 87.3% completed.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY -- MW	0			REACTOR	3900
				WPPSS	810
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE				
	KMWD				
6. TIME OPER. EFF.	M-T-D				
	30 DAY AVG				
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					
8. FACTOR LIMITING POWER LEVEL					ADM
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE				
	V.S.				
12. WATER TEMP. AT 2330 HRS.	INLET	6.0	5.1	MSH PSIG	124
	OUTLET	C.U.	C.U.	NUCLEAR STEAM MLBS/HR.	
				PRODUCED	13,416
				EXPORTED	12,173
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		14.9	13.0	185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	49.2			DAILY	193.9X10 ⁵
				M-T-D	2119.8X10 ⁵

KE - Scheduled work is continuing.

KW - Discharge of fuel elements is 98.5% completed.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	809
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO, TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF, M-T-D	2.0				86.2
	30 DAY AVG	48.5			48.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-4.6
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS, INLET	6.9	5.8		PRODUCED	13,416
	OUTLET	C.U.	C.U.	EXPORTED	12,203
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.7	8.8		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	49.0			DAILY	193.6X10 ⁵
				M-T-D	2313.4X10 ⁵

KE - "Wye" joint replacement and maintenance work as required are continuing.

KW - Discharging of fuel elements is 100% completed. Deactivation work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	809
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.9				87.0
	30 DAY AVG	47.7			59.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-4.0
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.9			PRODUCED	13,760
	OUTLET	C.U.		EXPORTED	12,187
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.6	0		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	50.5			DAILY	123.5X10 ⁵
				M-T-D	2506.9X10 ⁵

KE - "Wye" joint replacement and other scheduled maintenance are continuing.

KW - The water has been turned off at the reactor. KW will no longer have information listed on the daily report.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	809
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.8				87.8
30 DAY AVG	44.3				62.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-3.4
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	4-5-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.3			PRODUCED	13,639
	OUTLET	C.U.		EXPORTED	12,194
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.4			DAILY	193.8x10 ⁵
				M-T-D	2700.7x10 ⁵

KE - "Wye" joint replacement and scheduled miscellaneous maintenance are continuing. J. A. Jones continues modification of chute conveyor.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	809
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	0			89.3
	KMWD	0			96.0
6. TIME OPER. EFF.	M-T-D	1.7			88.5
	30 DAY AVG	41.0			66.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-2.9
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME	DATE	3-22-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.3		PRODUCED	13,639
	OUTLET	C.U.		EXPORTED	12,212
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.3		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		47.6		DAILY	194.0X10 ⁵
				M-T-D	2894.7X10 ⁵

KE - Work is continuing on "Wye" joint replacement, HCRS, C basin floor plates, and 117 building filters. Work has been completed on the chute conveyer.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				2392
4. OUTAGE HOURS	24.0				9.2
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.6				87.1
	30 DAY AVG	37.7			68.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-3.9
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE	3-22-70				Unknown
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	15
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.4			PRODUCED	7,671
	OUTLET	C.U.		EXPORTED	7,211
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	52.6			DAILY	108.5X10 ⁵
				M-T-D	3003.2X10 ⁵

KE - Preparations for decontamination work were made on 2-19-70. Rear face decontamination started on 2-20-70. "Wye" joint replacement and required maintenance in progress.

KW - All tubes have been blown dry.

N - Reactor shut down at 1448 hours on 2-19-70 due to check valve No. 2. Maintenance in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO.	TOE	0			89.3
	KMWD	0			96.0
6. TIME OPER. EFF.	M-T-D	1.5			82.7
	30 DAY AVG	34.3			68.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-7.3
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME	DATE	3-22-70			2-21-70
	HOUR	0800			1200
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.7		PRODUCED	0
	OUTLET	C.U.		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	53.0			DAILY	0
				M-T-D	3003.2X10 ⁵

KE - Scheduled work is continuing

N - Required Maintenance is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0			125	
3. INPUT PRODUCTION - MWD	0			1.6	
4. OUTAGE HOURS	24.0			23.2	
5. FORECAST FOR MO. TOE	0			89.3	
	KMWD	0		96.0	
6. TIME OPER. EFF. M-T-D	1.4			78.9	
	30 DAY AVG	31.0		68.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2			-10.8	
8. FACTOR LIMITING POWER LEVEL	R.D.			N.E.	
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	1
	V.S.	0		NUCLEAR STEAM MLBS/HR.	2
12. WATER TEMP. AT 2330 HRS. INLET	6.7			PRODUCED	0
	OUTLET	C.U.		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	53.8			DAILY	0
				M-T-D	3003.2X10 ⁵

KE - Completed rear face decontamination. Scheduled work is continuing.

N - Startup at 2314 hours 2-21-70.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3800
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3200
3. INPUT PRODUCTION - MWD	0				2773
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.4				79.9
	30 DAY AVG	27.7			71.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-11.4
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	122
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.7			PRODUCED	9,428
	OUTLET	C.U.		EXPORTED	7,900
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	46.3			DAILY	123.3X10 ⁵
				M-T-D	3126.5X10 ⁵

KE - Scheduled work is continuing; started replacement of 17 aluminum tubes.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				3950
3. INPUT PRODUCTION - MWD	0				2212
4. OUTAGE HOURS	24.0				9.5
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.3				79.0
	30 DAY AVG	24.3			73.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-12.7
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE	3-22-70				2-24-70
	HOUR	0800			1200
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	15
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	5.5			PRODUCED	7,694
	OUTLET	C.U.		EXPORTED	6,890
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.2			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	51.7			DAILY	108.0X10 ⁵
				M-T-D	3234.5X10 ⁵

KE - Scheduled work is continuing.

N - Reactor shut down at 1428 hours on 2-23-70 due to a fuel element failure in tube 2456.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0			REACTOR	3200
					WPPSS	650
2. MAX. POWER LEVEL - MW		0				3200
3. INPUT PRODUCTION - MWD		0				637
4. OUTAGE HOURS		24.0				13.1
5. FORECAST FOR MO.	TOE	0				89.3
	KMWD	0				96.0
6. TIME OPER. EFF.	M-T-D	1.3				77.6
	30 DAY AVG	21.0				75.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+1.2				-15.4
8. FACTOR LIMITING POWER LEVEL		R.D.				N.E.
9. ESTIMATED STARTUP TIME	DATE	3-22-70				
	hour	0800				
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	113
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.8			PRODUCED	2,420
	OUTLET	C.U.			EXPORTED	1,490
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.8			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		50.9			DAILY	10X10 ⁵
					M-T-D	3244X10 ⁵

KE - "Wye" joint replacement and scheduled work is continuing.

N - Reactor operation resumed at 1306 hours on 2-24-70.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3400
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.2				78.5
30 DAY AVG	17.6				78.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-15.4
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			2
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.5			PRODUCED	11,560
	OUTLET	C.U.		EXPORTED	10,728
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.4			DAILY	169.3X10 ⁵
				M-T-D	3413.3X10 ⁵

KE - "Wye" joint replacement and other required work are continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.2				79.4
30 DAY AVG	14.3				77.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-15.0
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	5.8			PRODUCED	13,416
	OUTLET	C.U.		EXPORTED	12,140
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.2			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	49.2			DAILY	192.1X10 ⁵
				M-T-D	3605.4X10 ⁵

KE - "Wye" joint replacement and scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.1				80.1
	30 DAY AVG	11.0			78.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-14.5
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	124
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.4			PRODUCED	13,244
	OUTLET	C.U.		EXPORTED	12,143
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.2			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.4			DAILY	192.4X10 ⁵
				M-T-D	3797.8X10 ⁵

KE - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	0				89.3
	KMWD	0			96.0
6. TIME OPER. EFF. M-T-D	1.1				80.8
	30 DAY AVG	7.7			81.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	+1.2				-14.0
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME DATE	3-22-70				
	HOUR	0800			
10. FUEL FAILURES - NAT.	0				
	ENR.	0			2
11. WATER LEAKS - TUBE	0			MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.5			PRODUCED	13,244
	OUTLET	C.U.		EXPORTED	12,100
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.2			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	47.1			DAILY	192.4X10 ⁵
				M-T-D	3990.2X10 ⁵

KE - Scheduled work is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	46.5			61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF.	M-T-D	0			100.0
	30 DAY AVG	4.3			82.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-1.7				+1.5
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME	DATE	3-22-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			2
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.0		PRODUCED	13,257
	OUTLET	C.U.		EXPORTED	12,096
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.3		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	47.1			DAILY	191.4X10 ⁵
				M-T-D	4181.6X10 ⁵

KE - "Wye" Joint replacement is continuing.
 Removed step plug from No. 8 HCR Channel.
 Repaired rear face water leak on 0673 RTD.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3900
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				3900
3. INPUT PRODUCTION - MWD	0				3900
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	46.5			61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF.	M-T-D	0			100.0
	30 DAY AVG	1.0			82.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.4				+3.1
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME	DATE	3-22-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.0		PRODUCED	13,257
	OUTLET	C.U.		EXPORTED	12,143
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.6			DAILY	192.4X10 ⁵
				M-T-D	383.8X10 ⁵

KE - "Wye" joint replacement and required work are continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 800
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO. TOE	46.5			61.3
KMWD	53.6			73.0
6. TIME OPER. EFF. M-T-D	0			100.0
30 DAY AVG	0			82.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.2			+4.9
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM
9. ESTIMATED STARTUP TIME DATE	3-22-70			
HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			
ENR.	0			
11. WATER LEAKS - TUBE	0			MSH PSIG 123
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. INLET	6.0			PRODUCED 13,580
AT 2330 HRS. OUTLET	C.U.			EXPORTED 12,113
REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.8			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	49.7			DAILY 191.9X10 ⁵ M-T-D 575.7X10 ⁵

KE - "Wye" joint welding was completed, inspected and accepted. Piping was inspected and accepted. Work is continuing on #8 HCR and VSR channel #49.

N - Lines 1, 2 and 3 on the daily reports for March 1 and 2 should be 4000 instead of 3900.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	46.5			61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF.	M-T-D	0			100.0
	30 DAY AVG	0			82.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-6.9				+6.6
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME	DATE	3-22-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	5.4		PRODUCED	13,570
	OUTLET	C.U.		EXPORTED	12,100
REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	56.4			DAILY	192.1x10 ⁵
				M-T-D	767.8x10 ⁵

KE - Work is continuing VSR #49 channel, # HCR channel, 3674 test hole and riser proof testing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	46.5			61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF.	M-T-D	0			100.0
	30 DAY AVG	0			85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-8.5				+8.2
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM
9. ESTIMATED STARTUP TIME	DATE	3-22-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	6.0		PRODUCED	13,580
	OUTLET	C.U.		EXPORTED	12,101
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	54.2			DAILY	192.4X10 ⁵
				M-T-D	960.2X10 ⁵

KE - Work is continuing on "Wye" joint replacement, VSR #49, HCR #8 and #12, test hole 3674 and proof testing C riser.

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	KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	300
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 0				100.0
	30 DAY AVG 0				85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-10.2				49.9
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME	DATE 3-22-70				
	HOUR 0800				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	123
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 6.0			PRODUCED	13736
	OUTLET 6.2			EXPORTED	12126
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.4			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND. - MW	56.8			DAILY	152.2x10 ⁵
				M-T-D	1152.4x10 ⁵

KE- Scheduled work is continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 800
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 0 30 DAY AVG 0			100.0 85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.9			11.5
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-22-70 HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 123 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.0 OUTLET C.U.			PRODUCED 13736 EXPORTED 12098
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.4			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	47.6			DAILY 192.4x10 ⁵ M-T-D 1344.8x10 ⁵

KE- Scheduled work is continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 300
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 0 30 DAY AVG 0			100.0 85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-13.6			413.1
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-22-70 HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 123 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.0 OUTLET C.U.			PRODUCED 13720 EXPORTED 12100
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	46.3			DAILY 191.3x10 ⁵ M-T-D 1535.6x10 ⁵

KE- "Wye" joint replacement and required maintenance is continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	1000
				WPPSS	1000
2. MAX. POWER LEVEL - MW	0				1000
3. INPUT PRODUCTION - MWD	0				1000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 0				100.0
	30 DAY AVG 0				85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.5				401.7
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME	DATE 3-22-70				
	HOUR 0800				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	123
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 6.1			PRODUCED	13700
	OUTLET C.U.			EXPORTED	12098
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.1			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.6			DAILY	191.35102
				M-T-D	1728.91102

KE- "Wye" joint replacement and required maintenance continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0000 FOLLOWING DAY - MW	0			14000
2. MAX. POWER LEVEL - MW	0			742
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5			61.3
	KMWD 53.6			73.0
6. TIME OPER. EFF.	M-T-D 0			100.0
	30 DAY AVG 0			85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-17.3			416.4
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-22-70			
	HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0			
	ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG 113
	V.S. 0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.1			PRODUCED 13638
	OUTLET C.U.			EXPORTED 11663
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	16.7			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	48.6			DAILY 103.7x10 ³
				M-T-D 1912.6x10 ³

KE- "Iye" joint replacement and required maintenance continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 743
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 0 30 DAY AVG 0			100.0 85.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-19.0			418.1
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-18-70 HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 114 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.1 OUTLET C.U.			PRODUCED 13583 EXPORTED 11364
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.2			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	48.6			DAILY 178.5x10 ² M-T-D 2091.1x10 ²

KE- "Wye" joint replacement and required maintenance continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 680
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 0 30 DAY AVG 0			100.0 86.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-20.7			19.7
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-18-70 HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 104 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.0 OUTLET 6.0			PRODUCED 13502 EXPORTED 10910
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	22.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	54.7			DAILY 169.6x10 ⁵ M-T-D 2260.7x10 ⁵

KE- "Wye" joint replacement and required maintenance continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 684
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 0 30 DAY AVG 0			100.0 89.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-22.4			421.3
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 3-18-70 HOUR 0800			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 104 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.1 OUTLET 6.1			PRODUCED 13520 EXPORTED 10605
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	12.6			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	57.0			DAILY 164.1x10 ⁵ M-T-D 2424.8x10 ⁵

KE- Scheduled work continuing.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 687
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO. TOE	46.5			61.3
KMWD	53.6			73.0
6. TIME OPER. EFF. M-T-D	0			100.0
30 DAY AVG	0			89.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-24.1			422.9
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME DATE	3-18-70			
HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			
ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG 104
V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS. INLET	7.0			PRODUCED 13520
OUTLET	C.U.			EXPORTED 10613
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.1			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	95.1			DAILY 164.9x10 ⁵ M-T-D 2589.7x10 ⁵

KE- "Wye" joint replacement and required maintenance continuing.

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	KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	688
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	46.5				61.3
	53.6				73.0
6. TIME OPER. EFF. M-T-D	0				100.0
30 DAY AVG	0				89.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-25.8				424.6
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME DATE	3-18-70				
	HOUR 0800				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	104
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	7.0			PRODUCED	13520
	OUTLET	C.U.		EXPORTED	11067
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.6			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	46.0			DAILY	165.3x10 ⁵
				M-T-D	2755x10 ⁵

KE- Scheduled work continuing.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-16-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	4000
				WPPSS	688
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				4000
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	46.5				61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF. M-T-D	0				100.0
	30 DAY AVG	0			89.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-27.5				426.3
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME DATE	3-18-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	104
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	5.8			PRODUCED	13640
	OUTLET	5.0		EXPORTED	10632
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	65.7			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	98.5			DAILY	164.4x10 ⁵
				M-T-D	2919.4x10 ⁵

KE- Miscellaneous maintenance is continuing.

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AFTER FILL-IN

50-200-120 (4-70)

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

2025 RELEASE UNDER E.O. 14176

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-17-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				4000
3. INPUT PRODUCTION - MWD	0				2727
4. OUTAGE HOURS	24.0				7.3
5. FORECAST FOR MO. TOE	46.5				61.3
	KMWD	53.6			73.0
6. TIME OPER. EFF. M-T-D	0				98.2
30 DAY AVG	0				88.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-29.3				426.6
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE	Indefinite				3-26-70
	HOUR				1600
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	10
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	7.5			PRODUCED	9217
	OUTLET	C.U.		EXPORTED	7180
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	14.2			185-N BLOC KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	100.9			DAILY	112.6x10 ⁵
				M-T-D	3032x10 ⁵

KE- Startup delayed for an indefinite period to remove teflon from VSR channel # 49.

N- Reactor down for scheduled outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-18-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0.				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 0				92.8
	30 DAY AVG 0				84.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-31.1				424.3
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME	DATE 3-20-70				3/26/70
	HOUR 2400				1600
10. FUEL FAILURES - M-T-D	NAT. 0			/ / / / /	
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 7.7			PRODUCED	0
	OUTLET C.U.			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	98.1			DAILY	0
				M-T-D	3032x10 ⁵

KE- Miscellaneous maintenance continuing.

N- Reactor down for scheduled outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-19-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 0				87.9
	30 DAY AVG 0				81.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-32.9				122.0
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME	DATE 3-22-70				3-26-70
	HOUR 0800				1600
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	0
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 7.4			PRODUCED	0
	OUTLET C.U.			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	46.5			DAILY	0
				M-T-D	3032x10 ⁵

KE- Work is continuing on VSR# 49 and other miscellaneous maintenance.

N- Reactor down for scheduled outage, miscellaneous maintenance is in progress.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-20-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO. TOE	46.5				61.3
	KMWD				73.0
6. TIME OPER. EFF. M-T-D	0				83.5
30 DAY AVG	0				78.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD					-19.6
8. FACTOR LIMITING POWER LEVEL					R.D.
9. ESTIMATED STARTUP TIME DATE					3-26-70
	HOUR				1600
10. FUEL FAILURES - M-T-D NAT.					
	ENR.				
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.0			PRODUCED	0
	OUTLET	6.2		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	59.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	95.2			DAILY	0
				M-T-D	3032x10 ⁵

KE- Miscellaneous maintenance in progress.

N- Charge-discharge and miscellaneous maintenance in progress.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-21-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO. TOE	46.5				61.3
KMWD	53.6				73.0
6. TIME OPER. EFF. M-T-D	0				79.5
30 DAY AVG	0				74.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-36.4				17.3
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE					3-26-70
HOUR					1600
10. FUEL FAILURES - M-T-D NAT.				/ / / / /	
ENR.					
11. WATER LEAKS - M-T-D TUBE				MSH PSIG	0
V.S.				NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.0			PRODUCED	0
OUTLET	6.9			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	178.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	96.7			DAILY	0
				M-T-D	3032x10 ⁵

KE- Miscellaneous maintenance continuing.

N- Charge-discharge and miscellaneous maintenance continuing.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-22-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	* 2900			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	* 1350				0
3. INF PRODUCTION - MWD	* 40.0				0
4. OUTAGE HOURS.	21.8				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 0.4				75.9
	30 DAY AVG 0.3				71.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-38.0				15.1
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE				3-26-70
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT.				
	ENR.				
11. WATER LEAKS - M-T-D	TUBE			MSH PSIG	0
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 6.1			PRODUCED	0
	OUTLET 25.8			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	187.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	100.5			DAILY	0
				M-T-D	3032x10 ⁵

KE- Reactor started up at 2146 hrs. 3-22-70.

N- Charge- discharge and miscellaneous maintenance continuing.

2 in next page.

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REACTOR OPERATIONS DAILY REPORT

DATE 3-23-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3350			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3350				0
3. INPUT PRODUCTION - MWD	2783				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 4.7				72.6
	30 DAY AVG 3.6				75.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-36.9				412.8
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE				3-26-70
	HOUR				1600
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	0
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 5.8			PRODUCED	0
	OUTLET 68.4			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	197.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.4			DAILY	0
				M-T-D	3032x10 ⁵

KE- Lines 1, 2, and 3 on 3-22-70 daily report should read,
 1. 2900 instead of 0.
 2. 1350
 3. 40.0

N- Charge-discharge and miscellaneous maintenance continuing.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3675			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3610				0
3. INPUT PRODUCTION - MWD	3544				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	46.5				61.3
	53.6				73.0
6. TIME OPER. EFF. M-T-D	8.7				69.6
30 DAY AVG	9.7				72.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-35.3				410.5
8. FACTOR LIMITING POWER LEVEL	NE				
9. ESTIMATED STARTUP TIME DATE					3-26-70
					1600
10. FUEL FAILURES - NAT.	0				
M-T-D ENR.	0				
11. WATER LEAKS - TUBE	0			MSH PSIG	0
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	6.1			PRODUCED	0
AT 2330 HRS. OUTLET	74.0			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	100.4			DAILY	0
				M-T-D	3032x10 ⁵

N- Reactor is continuing down for scheduled work.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-25-70

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 0 WPPSS 0
2. MAX. POWER LEVEL - MW	3815			0
3. INPUT PRODUCTION - MWD	3453			0
4. OUTAGE HOURS	1.7			24.0
5. FORECAST FOR MO.	TOE 46.5 KMWD 53.6			61.3 73.0
6. TIME OPER. EFF.	M-T-D 12.1 30 DAY AVG 13.8			66.8 70.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-33.6			8.1
8. FACTOR LIMITING POWER LEVEL				
9. ESTIMATED STARTUP TIME	DATE 3-27-70 HOUR 1600			3-29-70 2300
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			0
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 0 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 6.1 OUTLET 9.0			PRODUCED 0 EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	188.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	104.4			DAILY 0 M-T-D 3032x10 ⁵

KE- Reactor manually scrambled at 2220 hours due to flame out in #1 boiler caused by a sensing line failure. Miscellaneous maintenance work and water leak testing are in progress.

N- Scheduled work is continuing. Charge discharge is essentially completed (5 tubes remain). Maintenance work as required is in progress.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-26-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 11.6				64.2
	30 DAY AVG 12.8				69.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-37.0				45.7
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME	DATE 3-26-70			3-28-70	
	HOUR 1600			2300	
10. FUEL FAILURES - M-T-D	NAT. 0			/ / / / /	
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 1			MSH PSIG	6
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 7.5			PRODUCED	0
	OUTLET C.U.			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.3			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	45.2			DAILY	0
				M-T-D	8032x10 ⁵

KE-Reactor is continuing down for maintenance work and the removal of internal leaking zirconium process tube 2069

N - Scheduled work is continuing. Completed charge discharge. Maintenance work as required in progress.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2500			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 11.2				61.8
	30 DAY AVG 10.1				65.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-36.8				43.3
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE 3-28-70				3-28-70
	HOUR 0800				1200
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				0
11. WATER LEAKS - M-T-D	TUBE 1			MSH PSIG	10
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 7.2			PRODUCED	0
	OUTLET 8.2			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	60.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	98.2			DAILY	0
				M-T-D	3032x10 ⁵

KE- Replaced leaking zirc tube # 2069.

N- Scheduled work is continuing.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-28-70

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 08.00 FOLLOWING DAY - MW	3410			REACTOR 0 WPPSS 0
2. MAX. POWER LEVEL - MW	3320			0
3. INPUT PRODUCTION - MWD	2221			0
4. OUTAGE HOURS	2.8			24.0
5. FORECAST FOR MO. TOE	46.5			61.3
KMWD	53.6			73.0
6. TIME OPER. EFF. M-T-D	13.9			59.6
30 DAY AVG	13.0			62.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-36.3			40.9
8. FACTOR LIMITING POWER LEVEL	N.E.			R.D.
9. ESTIMATED STARTUP TIME DATE				3-29-70
HOUR				1600
10. FUEL FAILURES - NAT.	0			
M-T-D ENR.	0			0
11. WATER LEAKS - TUBE	1			MSH PSIG 23
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. INLET	6.9			PRODUCED 0
AT 2330 HRS. OUTLET	68.5			EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	197.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	101.4			DAILY 0 M-T-D 3032x10 ⁵

KE- Resumed operation at 0246 hrs. 3-28-70.

N- Scheduled work is continuing.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3810			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3650				0
3. INPUT PRODUCTION - MWD		3749				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	46.5				61.3
	KMWD	53.6				73.0
6. TIME OPER. EFF.	M-T-D	16.9				57.6
	30 DAY AVG	16.3				59.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-34.6				-1.5
8. FACTOR LIMITING POWER LEVEL		N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE					3-30-70
	HOUR					0800
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	1				0
	V.S.	0			MSH PSIG	35
12. WATER TEMP. AT 2330 HRS.	INLET	6.8			NUCLEAR STEAM MLBS/HR.	
	OUTLET	75.5			PRODUCED	0
					EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		100.4			DAILY	0
					M-T-D	3032x10 ⁵

N--Scheduled work is continuing.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 3-30-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3840			REACTOR	2500
				WPPSS	450
2. MAX. POWER LEVEL - MW	3830				125
3. INPUT PRODUCTION - MWD	3798				11
4. OUTAGE HOURS	0				19.8
5. FORECAST FOR MO.	TOE 46.5				61.3
	KMWD 53.6				73.0
6. TIME OPER. EFF.	M-T-D 19.6				56.2
	30 DAY AVG 19.6				56.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-32.5				-4.0
8. FACTOR LIMITING POWER LEVEL	N.E.				N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				0
11. WATER LEAKS - M-T-D	TUBE 1			MSH PSIG	17
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 6.5			PRODUCED	0
	OUTLET 79.5			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.8			DAILY	0
				M-T-D	3032x10 ⁵

KE- Line 3 on the 3-29-70 daily report should read 3479 instead of 3749.

N- The reactor was started up at 1245 hrs. 3-30-70. The reactor was shut down at 1630 hrs. for RTD repairs and resumed operation at 2335 hrs. 3-30-70.

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REACTOR OPERATIONS DAILY REPORT

DATE 3-31-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3900			REACTOR	3100
				WPPSS	662
2. MAX. POWER LEVEL - MW	3875				3100
3. INPUT PRODUCTION - MWD	3850				2279
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO. TOE	46.5				61.3
KMWD	53.6				73.0
6. TIME OPER. EFF. M-T-D	22.3				57.6
30 DAY AVG	25.8				56.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-30.2				-4.0
8. FACTOR LIMITING POWER LEVEL	N.E.				N.E.
9. ESTIMATED STARTUP TIME DATE					
HOUR					
10. FUEL FAILURES - M-T-D NAT.	0				
ENR.	0				0
11. WATER LEAKS - M-T-D TUBE	1			MSH PSIG	111
V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.8			PRODUCED	7749
OUTLET	80.5			EXPORTED	6633
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.5			DAILY	101.0x10 ⁵
				M-T-D	8133.0x10 ⁵

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REACTOR OPERATIONS DAILY REPORT

DATE 4-1-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3950			REACTOR	4000
				WPPSS	800
2. MAX. POWER LEVEL - MW	3940				3900
3. INPUT PRODUCTION - MWD	3912				3379
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO. TOE	78.3				70.0
KMWD	92.1				80.6
6. TIME OPER. EFF. M-T-D	100.0				100.0
30 DAY AVG	29.1				56.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	40.8				40.7
8. FACTOR LIMITING POWER LEVEL	T.P.				N.E.
9. ESTIMATED STARTUP TIME DATE					
HOUR					
10. FUEL FAILURES - M-T-D NAT.	0				
ENR.	0				
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	125
V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	6.4			PRODUCED	11489
OUTLET	81.3			EXPORTED	10332
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.7			DAILY	173.4x10 ⁵
				M-T-D	173.4x10 ⁵

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REACTOR OPERATIONS DAILY REPORT

DATE 4-2-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3970			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3960				4000
3. INPUT PRODUCTION - MWD	3951				3991
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE 78.3				70.0
	KMWD 92.1				80.5
6. TIME OPER. EFF.	M-T-D 100.0				100.0
	30 DAY AVG 32.5				56.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	42.5				42.0
8. FACTOR LIMITING POWER LEVEL	T.P.				ADM.
9. ESTIMATED STARTUP TIME	DATE				4-4-70
	HOUR				0200
10. FUEL FAILURES - M-T-D	NAT. 0				0
	ENR. 0				0
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	125
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 6.8			PRODUCED	13518
	OUTLET 81.7			EXPORTED	12101
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	103.4			DAILY	191.6x10 ²
				M-T-D	365.0x10 ²

N- Reactor shut down at 0152 hrs. on 4-3-70 due to a fuel element failure in tube 2349.

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REACTOR OPERATIONS DAILY REPORT

DATE 4-3-70

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	KE	KW	TOTAL	-	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3995			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3990				4000
3. INPUT PRODUCTION - MWD	3976				311
4. OUTAGE HOURS	0				22.1
5. FORECAST FOR MO. TOE	78.3				70.0
	KMWD 92.1				80.6
6. TIME OPER. EFF. M-T-D	100.0				96.9
	30 DAY AVG 35.8				53.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	42.6				-3.8
8. FACTOR LIMITING POWER LEVEL	T.P.				R.D.
9. ESTIMATED STARTUP TIME DATE					4-4-70
	HOUR				0300
10. FUEL FAILURES - NAT.	0				
M-T-D ENR.	0				1
11. WATER LEAKS - TUBE	0			MSH PSIG	21
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	7.0			PRODUCED	1067
AT 2330 HRS. OUTLET	82.7			EXPORTED	982
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.4			DAILY	15.2x10 ⁵
				M-T-D	380.2x10 ²

N- Reactor shut down at 0152 hrs. due to a fuel element failure in tube 2349.

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REACTOR OPERATIONS DAILY REPORT

DATE 4-4-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	3200
				WPPSS	610
2. MAX. POWER LEVEL - MW	4000				1900
3. INPUT PRODUCTION - MWD	3995				205
4. OUTAGE HOURS	0				16.6
5. FORECAST FOR MO.	TOE	78.3			70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF.	M-T-D	100.0			96.0
	30 DAY AVG	39.1			50.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	43.5				-2.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.				N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-	TUBE	0		MSH PSIG	115
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.2		PRODUCED	1840
	OUTLET	83.2		EXPORTED	1704
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.4			DAILY	8.0x10 ⁵
				M-T-D	381.0x10 ⁵

N- Reactor started up at 0923 hrs. 4-4-70, and was shut down at 1027 hrs 4-4-70 due to a high flow trip in sensing line. Resumed operation at 1738 hrs. 4-4-70.

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REACTOR OPERATIONS DAILY REPORT

DATE 4-5-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3850
				WPPSS	800
2. MAX. POWER LEVEL - MW	4000				3750
3. INPUT PRODUCTION - MWD	3308				2927
4. OUTAGE HOURS	4.0				0
5. FORECAST FOR MO. TOE	78.3				70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	96.7				96.8
	30 DAY AVG	41.9			50.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	4.0				-2.6
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME DATE	4-10-70				
	HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0				
	V.S.	0			
12. WATER TEMP. AT 2330 HRS. INLET	8.0			MSH PSIG	128
	OUTLET	11.2		NUCLEAR STEAM MLBS/HR.	
				PRODUCED	1008
				EXPORTED	994
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	75.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	100.4			DAILY	154.6x10 ⁵
				M-T-D	535.6x10 ⁵

KE- Reactor shut down at 2000 hrs. 4-5-70 for a scheduled outage.
Charge-discharge is in progress.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 800
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			3844
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO. TOE	78.3			70.0
KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	80.6			97.3
30 DAY AVG	41.9			50.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	40.7			-1.5
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME DATE	4-10-70			
HOUR	0800			
10. FUEL FAILURES - M-T-D NAT.	0			
ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG 128
V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS. INLET	8.5			PRODUCED 13241
OUTLET	C.U.			EXPORTED 12284
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	44.1			DAILY 194.7x10 ² M-T-D 730.3x10 ²

KE- Charge-discharge and miscellaneous maintenance in progress.

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REACTOR OPERATIONS DAILY REPORT

DATE 4-7-70

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 4000 WPPSS 800
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 69.0 30 DAY AVG 41.9			77.0 50.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.3			-0.1
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME	DATE 4-9-70 HOUR 2200			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 128 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.9 OUTLET C.U.			PRODUCED 13779 EXPORTED 12242
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	17.3			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	44.1			DAILY 195.0x10 ⁵ M-T-D 925.3x10 ⁷

KE- Charge-discharge and miscellaneous maintenance in progress.

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REACTOR OPERATIONS DAILY REPORT

DATE 4-8-70

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 0 WPPSS 0
2. MAX. POWER LEVEL - MW	0			4000
3. INPUT PRODUCTION - MWD	0			4000
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO. TOE	78.3			70.0
KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	60.4			79.8
30 DAY AVG	41.9			50.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.4			41.2
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME DATE	4-9-70			4-10-70
HOUR	2200			0500
10. FUEL FAILURES - M-T-D NAT.	0			
ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			I
V.S.	0			MSH PSIG 128
12. WATER TEMP. AT 2330 HRS. INLET	9.1			NUCLEAR STEAM MLBS/HR.
OUTLET	C.U.			PRODUCED 13570
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	15.7			EXPORTED 12293
14. PEAK ELECT. DEMAND - MW	43.5			185-N BLDG KWH OUTPUT
				DAILY 195.5x10 ⁵
				M-T-D 1120.8x10 ⁵

KE- Charge-discharge and miscellaneous maintenance continuing.

N- Reactor was shut down at 0452 hrs. 4-9-70 due to a primary system leak.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		0				4000
3. INPUT PRODUCTION - MWD		0				774
4. OUTAGE HOURS		24.0				19.2
5. FORECAST FOR MO.	TOE	78.3				70.0
	KMWD	92.1				80.6
6. TIME OPER. EFF.	M-T-D	53.7				73.2
	30 DAY AVG	41.9				48.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.5				-0.7
8. FACTOR LIMITING POWER LEVEL		R.D.				R.D.
9. ESTIMATED STARTUP TIME	DATE	4-10-70				4-10-70
	HOUR	1600				0800
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				1
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	9
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.4			PRODUCED	2626
	OUTLET	C.U.			EXPORTED	2360
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		14.8			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		46.1			DAILY	36.7x10 ⁵
					M-T-D	1157.5x10 ⁵

KE- Charge-discharge completed. Plan to EMS the Ball 3 X system and thermal shield 4-10-70.

N- Startup is in progress 0900 4-10-70.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2900			REACTOR 0 WPPSS 0
2. MAX. POWER LEVEL - MW	600			2000
3. INPUT PRODUCTION - MWD	8			286
4. OUTAGE HOURS	23.0			16.9
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 48.8 30 DAY AVG 42.0			68.8 45.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.5			-3.1
8. FACTOR LIMITING POWER LEVEL	N.E.			R.D.
9. ESTIMATED STARTUP TIME	DATE 4-10-70 HOUR 2258			4-10-70 1040
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 6 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.2 OUTLET 7.2			PRODUCED 917 EXPORTED 518
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	182.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	98.1			DAILY 5.4x10 ⁵ M-T-D 1162.9x10 ⁵

KE- Reactor started up at 2258 hrs. 4-10-70.

N- Reactor started up at 1040 hrs. 4-10-70. Shut down at 1744 hrs. 4-10-70 due to high injection make up to the primary loop.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3550			REACTOR 3000 WPPSS 641
2. MAX. POWER LEVEL - MW	3400			500
3. INPUT PRODUCTION - MWD	2837			18
4. OUTAGE HOURS	0			21.6
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 53.4 30 DAY AVG 45.3			63.4 42.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.9			-5.8
8. FACTOR LIMITING POWER LEVEL	N.E.			N.E.
9. ESTIMATED STARTUP TIME	DATE HOUR			4-11-70 2138
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 110 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.1 OUTLET 71.0			PRODUCED 58 EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	197.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	105.4			DAILY 0 M-T-D 1162.9x10 ⁵

N- Reactor started up at 2138 hrs. 4-11-70.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3770			REACTOR 3800 WPPSS 800
2. MAX. POWER LEVEL - MW	3690			3200
3. INPUT PRODUCTION - MWD	3566			2851
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 57.3 30 DAY AVG 48.7			66.5 42.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.3			-5.6
8. FACTOR LIMITING POWER LEVEL	N.E.			N.E.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 120 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.5 OUTLET 77.0			PRODUCED 9721 EXPORTED 9014
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	102.2			DAILY 141.3x10 ⁵ M-T-D 1304.2x10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3895			REACTOR 4000 WPPSS 800
2. MAX. POWER LEVEL - MW	3855			4000
3. INPUT PRODUCTION - MWD	3785			3811
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 60.6 30 DAY AVG 52.0			69.1 42.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-10.6			-4.5
8. FACTOR LIMITING POWER LEVEL	N.E.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 129 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.0 OUTLET 80.0			PRODUCED 12994 EXPORTED 11975
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.1			DAILY 189.9x10 ⁵ M-T-D 1494.1x10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3980			REACTOR 4000 WPISS 805
2. MAX. POWER LEVEL - MW	3960			4000
3. INPUT PRODUCTION - MWD	3913			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 63.4 30 DAY AVG 55.4			71.3 42.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-9.7			-3.2
8. FACTOR LIMITING POWER LEVEL	N.E.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 127 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.2 OUTLET 82.3			PRODUCED 13636 EXPORTED 12176
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	104.2			DAILY 193.2x10 ⁵ M-T-D 1687.3x10 ⁵

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AFTER FILL-IN

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR 4000 WPPSS 806
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	3982			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 65.8 30 DAY AVG 58.7			73.2 42.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-8.8			-1.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 127 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.3 OUTLET 83.1			PRODUCED 13636 EXPORTED 12177
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	104.1			DAILY 193.1x10 ⁵ M-T-D 1880.4x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	4000				4000
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE	78.3			70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF.	M-T-D	68.0			74.9
	30 DAY AVG	62.0			43.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-7.9				-0.6
8. FACTOR LIMITING POWER LEVEL	I.A.L.				ADM.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	127
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	7.9		PRODUCED	13636
	OUTLET	83.7		EXPORTED	12166
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.0			DAILY	193.3x10 ⁵
				M-T-D	2073.7x10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR 4000 WPPSS 803
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	4000			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO. TOE	78.3			70.0
KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	69.9			76.4
30 DAY AVG	65.4			47.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-6.9			40.7
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME DATE				
HOUR				
10. FUEL FAILURES - NAT.	0			
M-T-D ENR.	0			1
11. WATER LEAKS - TUBE	0			MSH PSIG 127
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. INLET	8.1			PRODUCED 13608
AT 2330 HRS. OUTLET	84.0			EXPORTED 12112
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	201.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.3			DAILY 192.1x10 ⁵ M-T-D 2265.8x10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR 4000 WPPSS 802
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	4000			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO. TOE	78.3			70.0
KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	71.5			77.7
30 DAY AVG	68.7			50.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-6.0			42.1
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME DATE				
HOUR				
10. FUEL FAILURES - NAT.	0			
M-T-D ENR.	0			1
11. WATER LEAKS - TUBE	0			MSH PSIG 127
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. INLET	8.0			PRODUCED 13603
AT 2330 HRS. OUTLET	83.7			EXPORTED 12200
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.2			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	101.8			DAILY 193.7x10 ² M-T-D 2459.5x10 ²

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	4000
				WPPSS	804
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	4000				4000
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO. TOE	78.3				70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF. M-T-D	73.0				78.9
	30 DAY AVG	72.0			53.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.1				43.4
8. FACTOR LIMITING POWER LEVEL	I.A.L.				ADM.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	127
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	7.4			PRODUCED	13608
	OUTLET	83.2		EXPORTED	12189
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.2			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.3			DAILY	192.9x10 ⁵
				M-T-D	2652.4x10 ⁵

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR 4000 WPPSS 806
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	4000			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 74.4 30 DAY AVG 75.4			72.9 57.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-4.2			4.7
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 127 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.7 OUTLET 83.3			PRODUCED 13608 EXPORTED 12143
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	2000			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.6			DAILY 103.6x10 ³ M-T-D 2845.8x10 ³

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REACTOR OPERATIONS DAILY REPORT

DATE 4-21-70

	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	4000				4000
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE 78.3				70.0
	KMWD 92.1				80.6
6. TIME OPER. EFF.	M-T-D 75.6				80.9
	30 DAY AVG 78.4				60.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.2				46.0
8. FACTOR LIMITING POWER LEVEL	I.A.L.				ADM.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				1
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	127
	V.S. 0				NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 7.8			PRODUCED	13608
	OUTLET 83.3			EXPORTED	12133
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0				185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.6			DAILY	194.0x10 ⁵
				M-T-D	3039.8x10 ⁵

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	4000
					WPPSS	806
2. MAX. POWER LEVEL - MW		4000				4000
3. INPUT PRODUCTION - MWD		4000				4000
4. OUTAGE HOURS		0				0
5. FORECAST FOR MO.	TOE	78.3				70.0
	KMWD	92.1				80.6
6. TIME OPER. EFF.	M-T-D	76.7				81.7
	30 DAY AVG	78.4				63.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.3				47.3
8. FACTOR LIMITING POWER LEVEL		I.A.L.				ADM.
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0			/ / / / /	
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	127
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.1			PRODUCED	13608
	OUTLET	83.6			EXPORTED	12130
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		104.4			DAILY	192.4x10 ⁵
					M-T-D	3232.2x10 ²

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	KE	KW	TOTAL		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	4000
				WPPSS	806
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	4000				4000
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE 78.3				70.0
	KMWD 80.6				80.6
6. TIME OPER. EFF.	M-T-D 82.5				82.5
	30 DAY AVG 67.2				67.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-1.4				48.6
8. FACTOR LIMITING POWER LEVEL	I.A.L.				ADM.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				1
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	127
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 8.1			PRODUCED	13608
	OUTLET 83.7			EXPORTED	12192
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.4			DAILY	193.5x10 ²
				M-T-D	3425.7x10 ²

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR 4000 WPPSS 806
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	4000			4000
4. OUTAGE HOURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 78.6 30 DAY AVG 78.6			83.3 70.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-0.4			49.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 127 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 8.0 OUTLET 83.6			PRODUCED 13611 EXPORTED 12243
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	105.4			DAILY 193.7x10 ² M-T-D 8619.4x10 ²

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			EACTOR 4000 WPPSS 803
2. MAX. POWER LEVEL - MW	4000			4000
3. INPUT PRODUCTION - MWD	4000			4000
4. OUTAGE HCURS	0			0
5. FORECAST FOR MO.	TOE 78.3 KMWD 92.1			70.0 80.6
6. TIME OPER. EFF.	M-T-D 79.5 30 DAY AVG 82.0			83.9 73.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-0.04			411.2
8. FACTOR LIMITING POWER LEVEL	I.A.L.			ADM.
9. ESTIMATED STARTUP TIME	DATE HOUR			
10. FUEL FAILURES - M-T-D	NAT. 0 ENR. 0			1
11. WATER LEAKS - M-T-D	TUBE 0 V.S. 0			MSH PSIG 127 NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS.	INLET 8.3 OUTLET 84.0			PRODUCED 13625 EXPORTED 12124
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.4			DAILY 192.1x10 ⁵ M-T-D 1811.5x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				4000
3. INPUT PRODUCTION - MWD	4000				3216
4. OUTAGE HOURS	0				4.0
5. FORECAST FOR MO.	TOE	78.3			70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF.	M-T-D	80.3			83.9
	30 DAY AVG	85.3			76.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	41.2				411.8
8. FACTOR LIMITING POWER LEVEL	I.A.L.				ADM.
9. ESTIMATED STARTUP TIME	DATE				5-2-70
	HOUR				2000
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	127
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.4		PRODUCED	10999
	OUTLET	84.2		EXPORTED	9737
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.9			DAILY	147.5x10 ⁵
				M-T-D	3959x10 ⁵

N- Reactor shut down at 1959 hrs. 4-26-70 for scheduled outage.

NOTE: All figures based on 23 hr. day, due to change to DST.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				0
3. INPUT PRODUCTION - MWD	4000				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE	78.3			70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF.	M-T-D	81.0			80.8
	30 DAY AVG	85.7			76.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.2			49.1
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				5-2-70
	HOUR				2000
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	84		PRODUCED	0
	OUTLET	84.0		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		104.4		DAILY	0
				M-T-D	3959x10 ⁵

N- Reactor continuing down for scheduled outage.

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AFTER FILL IN

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				0
3. INPUT PRODUCTION - MWD	4000				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE	78.3			70.0
	KMWD	92.1			80.6
6. TIME OPER. EFF.	M-T-D	81.7			77.9
	30 DAY AVG	85.7			76.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	43.1				45.5
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				5-2-70
	HOUR				2000
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	8.9		PRODUCED	0
	OUTLET	84.5		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW				DAILY	0
				M-T-D	3959x10 ⁵

N- Continuing down for scheduled outage.

Lines 1, 2, & 3 for N Reactor have been reported at 4000 from 4-14-70 through 4-25-70, the numbers should be 3930 for this period.

KE- Line 3 for 4-26-70 should be 3833 instead of 4000.

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REACTOR OPERATIONS DAILY REPORT

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				0
3. INPUT PRODUCTION - MWD	4000				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	78.3				70.0
	KMWD 92.1				80.6
6. TIME OPER. EFF. M-T-D	82.3				75.2
30 DAY AVG	85.7				76.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	4.0				42.6
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME DATE					5-2-70
	HOUR				2000
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	1
	V.S.	0		NUCLEAR STEAM MLBS/HR.	0
12. WATER TEMP. AT 2330 HRS. INLET	8.6			PRODUCED	0
	OUTLET	84.2		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	110.9			DAILY	0
				M-T-D	3959x10 ⁵

N- continuing down for scheduled outage.

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AFTER FILL-IN

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				0
3. INPUT PRODUCTION - MWD	4000				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	78.3				70.0
	KMWD 92.1				80.6
6. TIME OPER. EFF. M-T-D	82.9				72.7
	30 DAY AVG 85.7				72.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	4.7				70.2
8. FACTOR LIMITING POWER LEVEL	1.A.I.				R.D.
9. ESTIMATED STARTUP TIME DATE					5-2-70
	HOUR				2000
10. FUEL FAILURES - NAT.	0				
M-T-D ENR.	0				
11. WATER LEAKS - TUBE	0			MSH PSIG	0
M-T-D V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. INLET	9.0			PRODUCED	0
AT 2330 HRS. OUTLET	84.8			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.4			DAILY	0
				M-T-D	3959x10 ⁵

N- Continuing down for scheduled outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000				0
3. INPUT PRODUCTION - MWD		4000				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	100.0				0
	30 DAY AVG	85.7				69.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		40.9				-3.5
8. FACTOR LIMITING POWER LEVEL.		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					5-2-70
	HOUR					2000
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	2
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	9.9			PRODUCED	0
	OUTLET	85.3			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		101,550			DAILY	0
					M-T-D	0

N- Continuing down for scheduled outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000				0
3. INPUT PRODUCTION - MWD		4000				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	100.0				0
	30 DAY AVG	85.7				66.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.9				-6.9
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					5-4-70
	HOUR					0400
10. FUEL FAILURES - M-T-D	NAT.	0				0
	ENR.	0				0
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	32
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	10.1			PRODUCED	0
	OUTLET	86.0			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		105.1			DAILY	0
					M-T-D	0

N- Continuing down for scheduled outage, miscellaneous maintenance in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000				0
3. INPUT PRODUCTION - MWD		4000				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	100.0				0
	30 DAY AVG	85.7				65.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.8				-10.4
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					5-4-70
	HOUR					1600
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	30
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	10.4			PRODUCED	0
	OUTLET	86.0			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		105.1			DAILY	0
					M-T-D	0

N- Continuing down for scheduled outage, miscellaneous maintenance in progress.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		4000				0
3. INPUT PRODUCTION - MWD		4000				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	100.0				0
	30 DAY AVG	85.7				64.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.7				-13.9
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					5-5-70
	HOUR					0200
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	30
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	10.2			PRODUCED	0
	OUTLET	86.0			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		103.0			DAILY	0
					M-T-D	0

N- Reactor started up at 0312 hrs. 5-5-70 and shut down at 0453 hrs.
due to flow monitor trip. Estimated start up is indefinite.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				2800
3. INPUT PRODUCTION - MWD	4000				476
4. OUTAGE HOURS	0				13.1
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	100.0				9.1
30 DAY AVG	86.2				63.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	4.6				-16.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.				N.E.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	110
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	10.5			PRODUCED	1560
	OUTLET	86.2		EXPORTED	511
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	106.9			DAILY	5.4x10 ⁵
				M-T-D	5.4x10 ⁵

N- Reactor started up at 0312 hrs. 5-5-70, shut down at 0453 hrs. 5-5-70 due to flow monitor trip. Resumed operation at 1450 hrs. 5-5-70 and shut down at 0351 hrs. 5-6-70 due to a fuel element failure in tube 2448. Estimated start up unknown at this time.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	4000				2950
3. INPUT PRODUCTION - MWD	4000				455
4. OUTAGE HOURS	0				20.2
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	100.0			10.2
	30 DAY AVG	89.6			60.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.6			-19.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				5-7-70
	HOUR				0800
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			1
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	15
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	10.7		PRODUCED	1459
	OUTLET	86.2		EXPORTED	1336
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0		185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		106.9		DAILY	19.7x10 ⁵
				M-T-D	25.1x10 ⁵

N- Reactor shut down at 0351 hrs due to a fuel element failure in tube 2448.

(5-7-70) Preparations for start up in progress at 0800 hrs.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000			REACTOR	3225
					WPPSS	691
2. MAX. POWER LEVEL - MW		4000				3225
3. INPUT PRODUCTION - MWD		4000				716
4. OUTAGE HOURS		0				14.1
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	100.0				14.6
	30 DAY AVG	92.9				-58.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		46.5				-22.6
8. FACTOR LIMITING POWER LEVEL		I.A.L.				N.E.
9. ESTIMATED STARTUP TIME	DATE					
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	125
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	11.2			PRODUCED	2296
	OUTLET	86.7			EXPORTED	1964
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		108.3			DAILY	29.1x10 ⁵
					M-T-D	54.2x10 ⁵

N- Reactor resumed operation at 1407 hrs. 5-7-70.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	4000			REACTOR	3600
				WPPSS	802
2. MAX. POWER LEVEL - MW	4000				3300
3. INPUT PRODUCTION - MWD	4000				3227
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE 78.4				90.3
	KMWD 95.3				107.5
6. TIME OPER. EFF.	M-T-D 100.0				25.3
	30 DAY AVG 96.3				58.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	47.4				-22.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.				N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				1
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	125
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 10.6			PRODUCED	11972
	OUTLET 86.2			EXPORTED	10487
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000	200.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	106.7			DAILY	164.6x10 ⁵
				M-T-D	218.8x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3600
				WPPSS	802
2. MAX. POWER LEVEL - MW	4000				3600
3. INPUT PRODUCTION - MWD	2629				3590
4. OUTAGE HOURS	8.0				0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD				107.5
6. TIME OPER. EFF. M-T-D	96.3				33.6
30 DAY AVG	98.5				60.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	46.9				-22.7
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME DATE	5-16-70				
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.				1
11. WATER LEAKS - TUBE	0			MSH PSIG	127
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	11.3			PRODUCED	12385
	OUTLET			EXPORTED	12118
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	70.1			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	101.8			DAILY	191.1X10 ⁵
				M-T-D	309.0X10 ⁵

KE- Reactor was shut down at 1600 hrs. for scheduled outage.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR 3600 WPPSS 802
2. MAX. POWER LEVEL - MW	0			3600
3. INPUT PRODUCTION - MWD	0			3600
4. OUTAGE HOURS	24.0			0
5. FORECAST FOR MO. TOE	78.4			90.3
KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	86.7			40.3
30 DAY AVG	98.3			63.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	43.9			-22.6
8. FACTOR LIMITING POWER LEVEL	R.D.			ADM.
9. ESTIMATED STARTUP TIME DATE	5-16-70			
HOUR	1200			
10. FUEL FAILURES - NAT.	0			
M-T-D ENR.	0			
11. WATER LEAKS - TUBE	0			1
M-T-D V.S.	0			MSH PSIG 127
12. WATER TEMP. AT 2330 HRS. INLET	11.9			NUCLEAR STEAM MLBS/HR.
OUTLET	C.U.			PRODUCED 12780
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.8			EXPORTED 12500
14. PEAK ELECT. DEMAND - MW	43.7			185-N BLDG KWH OUTPUT
				DAILY 192.8x10 ⁵
				M-T-D 502.7x10 ⁵

KE- Charge-Discharge and miscellaneous maintenance in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				3600
3. INPUT PRODUCTION - MWD	0				3600
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD				107.5
6. TIME OPER. EFF. M-T-D	78.8				45.7
30 DAY AVG	95.0				66.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	41.0				-22.5
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME DATE	5-16-70				
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.				1
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	127
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	12.3			PRODUCED	12780
	OUTLET			EXPORTED	12220
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.8			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	51.6			DAILY	192.5x10 ⁵
				M-T-D	695.2x10 ⁵

KE- Continuing down for scheduled outage, charge-discharge and miscellaneous maintenance in progress.

N- (12-8)(5-12-70) Reactor shut down at 0318 hrs. due to a fuel element failure in tube 1465, (PT 101). Estimated start up time is 5-13-70 at 0800 hrs.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				3600
3. INPUT PRODUCTION - MWD	0				426
4. OUTAGE HOURS	24.0				20.7
5. FORECAS FOR MO.	TOE 78.4				90.3
	KMWD 95.3				107.5
6. TIME OPER. EFF.	M-T-D 72.2				43.0
	30 DAY AVG 91.7				63.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.3				-25.5
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME	DATE 5-16-70				5-13-70
	HOUR 1200				1200
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				2
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	32
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 12.0			PRODUCED	1513
	OUTLET C.U.			EXPORTED	1450
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.8			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	48.4			DAILY	23.1x10 ²
				M-T-D	718.3x10 ²

KE- Continuing down for scheduled outage.
N- Continuing down due to fuel element failure.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3300
				WPPSS	720
2. MAX. POWER LEVEL - MW	0				2000
3. INPUT PRODUCTION - MWD	0				189
4. OUTAGE HOURS	24.0				18.1
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	66.7			41.6
	30 DAY AVG	88.3			60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-5.3				-28.8
8. FACTOR LIMITING POWER LEVEL	R.D.				N.E.
9. ESTIMATED STARTUP TIME	DATE	5-16-70			5-13-70
	HOUR	1200			1804
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	110
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.0		PRODUCED	610
	OUTLET	C.U.		EXPORTED	420
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	18.8			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	42.9			DAILY	4.5x10 ⁵
				M-T-D	723.8x10 ⁵

KE- Charge-Discharge and miscellaneous maintenance continuing.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3300
				WPPSS	723
2. MAX. POWER LEVEL - MW	0				3300
3. INPUT PRODUCTION - MWD.	0				3180
4. OUTAGE HOURS	24.0				0
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	61.9			45.8
	30 DAY AVG	85.0			60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-8.4				-29.1
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME	DATE	5-16-70			
	HOUR	1200			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0			2
	V.S.	0			
12. WATER TEMP. AT 2330 HRS.	INLET	13.5		MSH PSIG	120
	OUTLET	C.U.		NUCLEAR STEAM MLBS/HR.	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.1		PRODUCED	10920
				EXPORTED	10520
14. PEAK ELECT. DEMAND - MW		45.7		185-N BLDG KWH OUTPUT	
				DAILY	164.1x10 ³
				M-T-D	887.9x10 ³

KE- Charge-Discharge completed, miscellaneous maintenance in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3300
				WPPSS	723
2. MAX. POWER LEVEL - MW	0				3300
3. INPUT PRODUCTION - MWD	0				3300
4. OUTAGE HOURS	24.0.				0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	57.8				49.4
	30 DAY AVG	81.7			60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.5				-29.3
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME DATE	5-15-70				
	HOUR	1200			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / / / / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	120
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	13.3			PRODUCED	11800
	OUTLET	C.U.		EXPORTED	11000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	19.1			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	93.8			DAILY	173.1x10 ⁵
				M-T-D	1061.0x10 ⁵

KE- Miscellaneous maintenance in progress.

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		KE	KW	TOTAL	N	
					REACTOR	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		2500			WPPSS	3300 723
2. MAX. POWER LEVEL - MW		0				3300
3. INPUT PRODUCTION - MWD		0				3300
4. OUTAGE HOURS		24.0				0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	54.2				52.6
	30 DAY AVG	78.3				60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.6				-29.4
8. FACTOR LIMITING POWER LEVEL		R.D.				ADM.
9. ESTIMATED STARTUP TIME	DATE	5-17-70				
	HOUR	0450				
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	120
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.2			PRODUCED	11800
	OUTLET	13.8			EXPORTED	11007
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		66.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		96.9			DAILY	172.7x10 ⁵
					M-T-D	1233.7x10 ²

KE- Miscellaneous maintenance in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	3300
				WPPSS	720
2. MAX. POWER LEVEL - MW	3045				3300
3. INPUT PRODUCTION - MWD	2026				3300
4. OUTAGE HOURS	4.8				0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	-55.7				55.3
	30 DAY AVG	77.7			60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.6				-29.6
8. FACTOR LIMITING POWER LEVEL	N.E.				ADM.
9. ESTIMATED STARTUP TIME DATE					
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	120
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	12.3			PRODUCED	11800
	OUTLET	69.1		EXPORTED	10997
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	192.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	99.4			DAILY	173.0x10 ³
				M-T-D	1406.7x10 ³

KE- Reactor started up at 0450 hrs..

KE- (12-8)(5-18-70)

Reactor scrambled at 0222 hrs. due to a panellit trip on guage # 3077. It is not known if the trip was a high or low trip. The guage was heised and the base pressure of 164 psi was the same as it was prior to start up on 5-17-70. Heised all gauges that were rolled since start up. Installed 51 splines for total control.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3175				3400
3. INPUT PRODUCTION - MWD	308				3348
4. OUTAGE HOURS	21.6				0
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	53.1			57.8
	30 DAY AVG	74.7			60.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-18.4				-29.7
8. FACTOR LIMITING POWER LEVEL	R.D.				ADM.
9. ESTIMATED STARTUP TIME	DATE	5-19-70			
	HOUR	0800			
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			2
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	123
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.6		PRODUCED	11971
	OUTLET	13.1		EXPORTED	11074
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	72.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	92.5			DAILY	174.4x10 ⁵
				M-T-D	1581.1x10 ⁷

KE- Checked downstream pattern on all neptunium charges. Tube 3077 was found up stream 6 inches. Tube 2978 was found 40 inches up stream, both tubes were seated against the cap. Start up is in progress.

N- (12-8)(5-19-70)

Reactor shut down at 0529 hrs., due to a flow monitor trip. Start up time unknown at present.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3290			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3000				3400
3. INPUT PRODUCTION - MWD	1491				777
4. OUTAGE HOURS	8.4				18.5
5. FORECAST FOR MO.	TOE 78.4				90.3
	KMWD 95.3				107.5
6. TIME OPER. EFF.	M-T-D 53.8				56.0
	30 DAY AVG 73.5				58.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-19.9				-32.4
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE 5-19-70				5-20-70
	HOUR 0822				1600
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	2
	V.S. 0				5
12. WATER TEMP. AT 2330 HRS.	INLET 12.3			NUCLEAR STEAM MLBS/HR.	
	OUTLET 68.5			PRODUCED	2778
				EXPORTED	2608
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	194.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.5			DAILY	40.4x10 ⁵
				M-T-D	1621.5x10 ⁷

N- Repair of leaking tube in 5B steam generator and other maintenance in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3850			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3810				450
3. INPUT PRODUCTION - MWD	3441				18
4. OUTAGE HOURS	0				22.0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	56.1				53.6
	30 DAY AVG	73.5			55.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-19.6				-35.9
8. FACTOR LIMITING POWER LEVEL	N.E.				N.E.
9. ESTIMATED STARTUP TIME DATE					5-20-70
	HOUR				2200
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	100
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	12.4			PRODUCED	58
	OUTLET	84.6		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.8			DAILY	0
				M-T-D	1621.5x10 ⁵

- N- Reactor started up at 2200 hrs.
(12-8)(5-21-70) Reactor was shut down at 0529 hrs. due to a suspected fuel element failure in tube 2361. Estimated start up unknown at this time.
- N- NOTE: The fuel elements discharged from tube 1465 on 5-12-70 have been examined and no damage was found.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800			REACTOR	150
				WPFSS	0
2. MAX. POWER LEVEL - MW	3850				3000
3. INPUT PRODUCTION - MWD	3827				785
4. OUTAGE HOURS	0				10.2
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD				107.5
6. TIME OPER. EFF. M-T-D	58.2				53.8
	30 DAY AVG				53.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-18.8				-38.5
8. FACTOR LIMITING POWER LEVEL	I.A.L.				N.E.
9. ESTIMATED STARTUP TIME DATE					5-21-70
	HOUR				1545
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.				2
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	115
	V.S.			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	12.4			PRODUCED	2512
	OUTLET			EXPORTED	1670
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	105.3			DAILY	22.4x10 ⁵
				M-T-D	1643.9x10 ⁵

N- Examination of the fuel elements from tube 2361 confirmed a rupture of an inner end cap. Reactor resumed operation at 1545 hrs..

N- (12-8)(5-22-70)

Reactor was down from 0433 hrs. to 0645 hrs. due to a Zone Temperature Monitor Trip.

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	KE	KW	TOTAL	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800			REACTOR 3300 WPPSS 723
2. MAX. POWER LEVEL - MW	3800			3300
3. INPUT PRODUCTION - MWD	3800			2488
4. OUTAGE HOURS	0			2.4
5. FORECAST FOR MO. TOE	78.4			90.3
KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	60.1			55.4
30 DAY AVG	73.5			53.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-18.1			-39.5
8. FACTOR LIMITING POWER LEVEL	I.A.L.			N.E.
9. ESTIMATED STARTUP TIME DATE				
HOUR				
10. FUEL FAILURES - M-T-D NAT,	0			2
ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG 114
V.S.	0			NUCLEAR STEAM MLBS/HR.
12. WATER TEMP. AT 2330 HRS. INLET	12.6			PRODUCED 852.4
OUTLET	84.5			EXPORTED 704.4
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT
14. PEAK ELECT. DEMAND - MW	103.7			DAILY 120.4x10 ⁵ M-T-D 1764.3x10 ⁵

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800			REACTOR	3400
				WPPSS	754
2. MAX. POWER LEVEL - MW	3800				3400
3. INPUT PRODUCTION - MWD	3800				3339
4. OUTAGE HOURS	0				0
5. FORECAST FOR MO.	TOE 78.4				90.3
	KMWD 95.3				107.5
6. TIME OPER. EFF.	M-T-D 61.8				57.4
	30 DAY AVG 73.5				53.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-17.4				-39.6
8. FACTOR LIMITING POWER LEVEL	I.A.L.				N.E.
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				2
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	117
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 12.6			PRODUCED	11513
	OUTLET 84.5			EXPORTED	10788
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	99.4			DAILY	175.9x10 ⁵
				M-T-D	1940.2x10 ⁴

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800				3500
3. INPUT PRODUCTION - MWD		3800				3063
4. OUTAGE HOURS		0				2.4
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	63.4				58.7
	30 DAY AVG	73.5				53.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-16.6				-40.0
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					5-25-70
	HOUR					2000
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	2
	V.S.	0			NUCLEAR STEAM MLBS/HR.	13
12. WATER TEMP. AT 2330 HRS.	INLET	12.9			PRODUCED	10400
	OUTLET	85.0			EXPORTED	10234
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		101.3			DAILY	160.8x10 ⁵
					M-T-D	2101x10 ⁵

N- Reactor shut down at 2135 hrs. due to a water hammer in the left outlet piping. Maintenance on a V-2 valve leak in the primary loop system is in progress.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3800			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3800				0
3. INPUT PRODUCTION - MWD	3800				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	64.9			56.4
	30 DAY AVG	73.5			49.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-15.9				-43.5
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				8-18-70
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0			
	ENR.	0			2
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.9		PRODUCED	0
	OUTLET	85.1		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		105.8		DAILY	0
				M-T-D	2101x10 ⁵

N- Reactor down for extended outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800				0
3. INPUT PRODUCTION - MWD		3800				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	66.2				54.2
	30 DAY AVG	73.5				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.2				-47.0
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0			/ / / / / / / / / /	
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.0			PRODUCED	0
	OUTLET	85.0			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		103.2			DAILY	0
					M-T-D	2101x10 ⁵

N- Reactor continuing down for extended outage, miscellaneous maintenance as required in progress.

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		KE	KW	TOTAL		N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3800				0
3. INPUT PRODUCTION - MWD		3800				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	67.5				52.2
	30 DAY AVG	73.5				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.5				-50.4
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				2
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	12.8			PRODUCED	0
	OUTLET	84.9			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		198.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		103.1			DAILY	0
					M-T-D	2101x10 ⁵

N- Continuing for extended summer outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3850			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3835				0
3. INPUT PRODUCTION - MWD	3819				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	78.4				90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF. M-T-D	68.6				50.3
30 DAY AVG	73.5				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-13.7				-53.9
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME DATE					8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR..	
12. WATER TEMP. AT 2330 HRS. INLET	12.7			PRODUCED	0
	OUTLET	85.4		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	107.6			DAILY	0
				M-T-D	2101x10 ⁵

N- Continuing down for extended outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3880			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3875				0
3. INPUT PRODUCTION - MWD	3856				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE 78.4				90.3
	KMWD 95.3				107.5
6. TIME OPER. EFF.	M-T-D 69.7				48.6
	30 DAY AVG 73.5				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-12.9				-57.4
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D	NAT. 0				
	ENR. 0				2
11. WATER LEAKS - M-T-D	TUBE 0			MSH PSIG	0
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET 12.7			PRODUCED	0
	OUTLET 86.1			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	198.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	104.5			DAILY	0
				M-T-D	2101x10 ⁵

N- Down for extended outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3890			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3890				0
3. INPUT PRODUCTION - MWD		3882				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.4				90.3
	KMWD	95.3				107.5
6. TIME OPER. EFF.	M-T-D	70.7				47.0
	30 DAY AVG	73.5				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.1				-60.8
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0			/ / / / /	
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0				2
	V.S.	0			MSH PSIG	0
12. WATER TEMP. AT 2330 HRS.	INLET	13.0			NUCLEAR STEAM MLBS/HR.	
	OUTLET	86.8			PRODUCED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5			EXPORTED	0
					185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		97.9			DAILY	0
					M-T-D	2101x10 ⁵

N- Down for extended outage.

DECLASSIFIED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 5-31-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3890			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3890				0
3. INPUT PRODUCTION - MWD	3890				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO.	TOE	78.4			90.3
	KMWD	95.3			107.5
6. TIME OPER. EFF.	M-T-D	71.7			45.5
	30 DAY AVG	73.5			47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-11.3				-64.3
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE				8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D	NAT.	0		/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	13.5		PRODUCED	0
	OUTLET	87.1		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	96.5			DAILY	0
				M-T-D	2101x10 ⁵

N- Down for extended outage.

DECLASSIFIED

AFTER FILL-IN

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REACTOR OPERATIONS DAILY REPORT

DATE 6-1-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3890			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3890				0
3. INPUT PRODUCTION - MWD	3890				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	78.3				0
	KMWD	92.1			0
6. TIME OPER. EFF. M-T-D	100.0				0
	30 DAY AVG	73.5			47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	4.08				0
8. FACTOR LIMITING POWER LEVEL	I.A.L.				R.D.
9. ESTIMATED STARTUP TIME DATE					8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0				
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0				
	V.S.	0			
12. WATER TEMP. AT 2330 HRS. INLET	13.8				
	OUTLET	87.3			
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	201.0				
14. PEAK ELECT. DEMAND - MW	99.7				

N- Continuing down for extended summer outage.

KE- (6-2-70)

Reactor shut down at 0904 hrs. due to a suspected rupture in tube 0174. (THORIA) Estimated start up time unkown.

NOTE:

For KE on 5-9-70, line 3 on the daily report should read 2639 instead of 2629.

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REACTOR OPERATIONS DAILY REPORT

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	0			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3890				0
3. INPUT PRODUCTION - MWD	1429				0
4. OUTAGE HOURS	14.9				24.0
5. FORECAST FOR MO. TOE	78.3				0
	KMWD	92.1			0
6. TIME OPER. EFF. M-T-D	96.9				0
	30 DAY AVG	71.4			47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-0.08				0
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE	6-3-70				8-16-70
	HOUR	1900			
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	15.0			PRODUCED	0
	OUTLET	C.U.		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	19.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	97.0			DAILY	0
				M-T-D	0

KE- A thoria rupture was removed from tube 0174.
Charge-Discharge of thoria is in progress.

N- Down for extended outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	2250			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	0				0
3. INPUT PRODUCTION - MWD	0				0
4. OUTAGE HOURS	24.0				24.0
5. FORECAST FOR MO. TOE	78.3				0
	KMWD 92.1				0
6. TIME OPER. EFF. M-T-D	46.0				0
	30 DAY AVG 68.0				47.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-3.9				0
8. FACTOR LIMITING POWER LEVEL	R.D.				R.D.
9. ESTIMATED STARTUP TIME DATE	6-4-70				8-16-70
	HOUR 0048				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR. 0				
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	0
	V.S. 0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.5			PRODUCED	0
	OUTLET 14.5			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	184.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	101.0			DAILY	0
				M-T-D	0

KE- Reactor started up at 0048 hrs. 6-4-70.
42 tubes of Lithium and 41 tubes of C2N have been charged
in place of the discharged Thoria.

N- Down for extended outage.

100% REJECTED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 6-4-70

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3325			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3100				0
3. INPUT PRODUCTION - MWD	2377				0
4. OUTAGE HOURS	.8				24.0
5. FORECAST FOR MO. TOE	78.3				0
	KMWD	92.1			0
6. TIME OPER. EFF. M-T-D	58.6				0
	30 DAY AVG	67.9			45.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-4.6				0
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME DATE					8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.6			PRODUCED	0
	OUTLET	72.5		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	103.4			DAILY	0
				M-T-D	0

N- Down for extended outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 6-5-70

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3725			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3645				0
3. INPUT PRODUCTION - MWD		3413				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.3				0
	KMWD	92.1				0
6. TIME OPER. EFF.	M-T-D	66.9				0
	30 DAY AVG	67.9				45.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.2				0
8. FACTOR LIMITING POWER LEVEL		N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.0			PRODUCED	0
	OUTLET	83.7			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		105.5			DAILY	0
					M-T-D	0

N- Down for extended outage.

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		KE	KW	TOTAL	N	
					REACTOR	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3770			WPPSS	0
2. MAX. POWER LEVEL - MW		3770				0
3. INPUT PRODUCTION - MWD		3737				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.3				0
	KMWD	92.1				0
6. TIME OPER. EFF.	M-T-D	72.4				0
	30 DAY AVG	67.9				43.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.6				0
8. FACTOR LIMITING POWER LEVEL		N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				0
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.1			PRODUCED	0
	OUTLET	86.5			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		102.1			DAILY	0
					M-T-D	0

N- Down for extended outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3775			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3775				0
3. INPUT PRODUCTION - MWD		3773				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.3				0
	KMWD	92.1				0
6. TIME OPER. EFF.	M-T-D	76.4				0
	30 DAY AVG	67.9				40.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.9				0
8. FACTOR LIMITING POWER LEVEL		N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				0
	ENR.	0				0
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	15.1			PRODUCED	0
	OUTLET	86.5			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		99.7			DAILY	0
					M-T-D	0

N- Down for extended outage.

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	KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	3785			REACTOR	0
				WPPSS	0
2. MAX. POWER LEVEL - MW	3785				0
3. INPUT PRODUCTION - MWD	3776				0
4. OUTAGE HOURS	0				24.0
5. FORECAST FOR MO. TOE	78.3				0
	KMWD				0
	92.1				0
6. TIME OPER. EFF. M-T-D	79.3				0
	30 DAY AVG				36.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD	-2.2				0
8. FACTOR LIMITING POWER LEVEL	N.E.				R.D.
9. ESTIMATED STARTUP TIME DATE					8-16-70
	HOUR				
10. FUEL FAILURES - M-T-D NAT.	0			/ / / / /	
	ENR.	0			
11. WATER LEAKS - M-T-D TUBE	0			MSH PSIG	0
	V.S.	0		NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS. INLET	14.7			PRODUCED	0
	OUTLET	86.2		EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	200.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW	102.7			DAILY	0
				M-T-D	0

N- Down for extended outage.

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51-5000-12-1-6-69

REACTOR OPERATIONS

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3810			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3810				0
3. INPUT PRODUCTION - MWD		3794				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.3				0
	KMWD	92.1				0
6. TIME OPER. EFF.	M-T-D	81.6				0
	30 DAY AVG	72.4				33.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.4				0
8. FACTOR LIMITING POWER LEVEL		N.E.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0				
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.8			PRODUCED	0
	OUTLET	86.7			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.5			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		103.6			DAILY	0
					M-T-D	0

N- Down for extended outage.

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		KE	KW	TOTAL	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3830			REACTOR	0
					WPPSS	0
2. MAX. POWER LEVEL - MW		3830				0
3. INPUT PRODUCTION - MWD		3817				0
4. OUTAGE HOURS		0				24.0
5. FORECAST FOR MO.	TOE	78.3				0
	KMWD	92.1				0
6. TIME OPER. EFF.	M-T-D	83.5				0
	30 DAY AVG	75.7				30.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-.7				0
8. FACTOR LIMITING POWER LEVEL		I.A.L.				R.D.
9. ESTIMATED STARTUP TIME	DATE					8-16-70
	HOUR					
10. FUEL FAILURES - M-T-D	NAT.	0			/ / / / /	
	ENR.	0				
11. WATER LEAKS - M-T-D	TUBE	0			MSH PSIG	0
	V.S.	0			NUCLEAR STEAM MLBS/HR.	
12. WATER TEMP. AT 2330 HRS.	INLET	14.7			PRODUCED	0
	OUTLET	86.9			EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		199.0			185-N BLDG KWH OUTPUT	
14. PEAK ELECT. DEMAND - MW		103.0			DAILY	0
					M-T-D	0

N- Down for summer outage.

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SECRET

AFTER FILL-IN

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SECRET
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REACTOR OPERATIONS DAILY REPORT

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3840	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3840		0
3. INPUT PRODUCTION - MWD		3836		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	85.0		0
	30 DAY AVG.	79.0		29.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.7		0
8. FACTOR LIMITING POWER LEVEL		I.A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-16-70
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.7	PRODUCED	0
	OUTLET	87.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		104.5	DAILY	0
			M-T-D	0

N - Down for summer outage.

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SECRET

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3850	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3850	0	
3. INPUT PRODUCTION - MWD		3845	0	
4. OUTAGE HOURS		0	24.0	
5. FORECAST FOR MONTH	TOE	78.3	0	
	KMWD	92.1	0	
6. TIME OPER. EFF.	M-T-D	86.2	0	
	30 DAY AVG.	82.4	29.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		48.0	0	
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.	
9. ESTIMATED STARTUP TIME	DATE		8-16-70	
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.
	ENR.			
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	0
	V.S.		NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.9	PRODUCED	0
	OUTLET	87.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.7	DAILY	0
			M-T-D	0

N - Down for summer outage.

10-10-68

SECRET

REACTOR OPERATIONS DAILY REPORT

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3880	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		3865	0.
3. INPUT PRODUCTION - MWD		3855	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	78.3	0
	KMWD	92.1	0
6. TIME OPER. EFF.	M-T-D	87.3	0
	30 DAY AVG.	85.7	25.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		16.0	0
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		8-16-70
	HOUR		
10. FUEL FAILURES- M-T-D	NAT.		
	ENR.		0
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG 0
	V.S.		NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.7	PRODUCED 0
	OUTLET	87.7	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		100.0	DAILY 0
			M-T-D 0

N - Down for summer outage.

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3900	0
			WPPSS 0
2. MAXIMUM POWER - MW		3900	0
3. INPUT PRODUCTION - MWD		3885	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	78.3	0
	KMWD	92.1	0
6. TIME OPER. EFF.	M-T-D	88.2	0
	30 DAY AVG.	89.0	22.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		24.0	0
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		8-16-70
	HOUR		
10. FUEL FAILURES- M-T-D	NAT.		
	ENR.		0
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG 0
	V.S.		NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.8	PRODUCED 0
	OUTLET	88.4	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND			DAILY 0
			M-T-D 0

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 6-15-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3900	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3900		0
3. INPUT PRODUCTION - MWD		3900		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	89.0		0
	30 DAY AVG.	92.4		19.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		32.0		0
8. FACTOR LIMITING POWER LEVEL		I.A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-16-70
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.			
	ENR.			0
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	0
	V.S.		NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.6	PRODUCED	0
	OUTLET	88.4	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		101.8	DAILY	0
			M-T-D	0

N - Down for summer outage

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>6-16-70</u> </div>				DUN- 5947 PAGE 353	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3910	0		
3. INPUT PRODUCTION - MWD		3906	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	89.7	0		
	30 DAY AVG.	95.7	15.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.1	0		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		8-16-70		
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.		0		
	ENR.				
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	0	
	V.S.		NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.4	PRODUCED	0	
	OUTLET	88.5	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		102.0	DAILY	0	
			M-T-D	0	

N - Down for summer outage.

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<div style="text-align: center;">[REDACTED] AFTER FILL-IN</div>				DUN- 5947 PAGE 354	
<div style="text-align: center;">[REDACTED] REACTOR OPERATIONS DAILY REPORT</div>				DATE 6-17-70	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3910	0		
3. INPUT PRODUCTION - MWD		3910	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	90.2	0		
	30 DAY AVG.	98.7	12.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.0	0		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		8-16-70		
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0	[Hatched Box]		
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HO'RS	INLET	15.1	PRODUCED	0	
	OUTLET	89.2	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		103.5	DAILY	0	
			M-T-D	0	

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 6-19-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		391.0	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		391.0	0		
3. INPUT PRODUCTION - MWD		391.0	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH		TOE	78.3		
		KMWD	92.1		
6. TIME OPER. EFF.		M-T-D	91.3		
		30 DAY AVG.	97.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		46.1	0		
8. FACTOR LIMITING POWER LEVEL		L.A.L.	R.D.		
9. ESTIMATED STARTUP TIME		DATE	8-16-70		
		HOUR			
10. FUEL FAILURES- M-T-D		NAT.	0		
		ENR.	0		
11. WATER LEAKS - M-T-D		TUBE	0		
		V.S.	0		
12. WATER TEMPERATURE AT 2330 HOURS		INLET	16.0		
		OUTLET	90.2		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		102.3	DAILY	0	
			M-T-D	0	

M- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 6-20-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	0
			0
2. MAXIMUM POWER - MW		3910	0
3. INPUT PRODUCTION - MWD		3910	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	78.3	0
	KMWD	92.1	0
6. TIME OPER. EFF.	M-T-D	91.7	0
	30 DAY AVG.	97.2	9.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		47.5	0
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		8-16-70
	HOUR		
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	0
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 0
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.7	PRODUCED 0
	OUTLET	90.7	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		103.0	DAILY 0
			M-T-D 0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 6-21-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3910		0
3. INPUT PRODUCTION - MWD		3910		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	92.5		0
	30 DAY AVG.	97.2		6.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		48.3		0
8. FACTOR LIMITING POWER LEVEL		I.A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-16-70
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.9	PRODUCED	0
	OUTLET	90.9	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		100.7	DAILY	0
			M-T-D	0

N- Down for summer outage.

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DATE 6-22-70				PAGE 359
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3910		0
3. INPUT PRODUCTION - MWD		3910		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	92.5		0
	30 DAY AVG.	97.2		3.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		49.2		0
8. FACTOR LIMITING POWER LEVEL		I.A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-16-70
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		0
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.1	PRODUCED	0
	OUTLET	91.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.8	DAILY	0
			M-T-D	0
N- Down for summer outage.				

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<div style="text-align: center;"> <div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div> REACTOR OPERATIONS DAILY REPORT </div>				DUN- 5947 PAGE 360	
<div style="text-align: center;"> <div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div> DATE 6-23-70 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3910	0		
3. INPUT PRODUCTION - MWD		3910	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	92.8	0		
	30 DAY AVG.	97.2	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		49.9	0		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70		
	HOUR	0400			
10. FUEL FAILURES-- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		0
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.5	PRODUCED		0
	OUTLET	91.5	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		102.5	DAILY		0
			M-T-D		0

KE- (12-8) (6-24-70)

Reactor shut down at 0530 hrs. for a scheduled outage.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 6-24-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3910	0		
3. INPUT PRODUCTION - MWD		872	0		
4. OUTAGE HOURS		18.5	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	89.9	0		
	30 DAY AVG.	94.6	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		47.8	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70		
	HOUR	0400			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.5	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.8	105--N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		68.9	DAILY	0	
			M-T-D	0	

KE- Reactor shut down at 0530 hrs. for a scheduled outage. Decontamination, miscellaneous maintenance and Charge-Discharge in progress.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 6-25-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		0	0		
3. INPUT PRODUCTION - MWD		0	0		
4. OUTAGE HOURS		24.0	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	86.3	0		
	30 DAY AVG.	91.3	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.7	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70		
	HOUR	0400			
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.0	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.3	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		45.2	DAILY	0	
			M-T-D	0	

KE- Charge-Discharge and miscellaneous maintenance continuing.

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT				DUN- 5947
DATE 6-26-70				PAGE 363
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0	N 0	0
2. MAXIMUM POWER - MW		0		0
3. INPUT PRODUCTION - MWD		0		0
4. OUTAGE HOURS		24.0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	83.0		0
	30 DAY AVG.	88.0		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.2		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-1-70		8-16-70
	HOUR	0400		
10. FUEL FAILURES-M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.8	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		44.0	DAILY	0
			M-T-D	0

KE- Charge discharge and miscellaneous maintenance continuing.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 8-27-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		0	0		
3. INPUT PRODUCTION - MWD		0	0		
4. OUTAGE HOURS		24.0	24.0		
5. FORECAST FOR MONTH	TOE	78.3	0		
	KMWD	92.1	0		
6. TIME OPER. EFF.	M-T-D	79.9	0		
	30 DAY AVG.	84.6	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.4	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70		
	HOUR	0400			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.2	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.9	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		43.1	DAILY	0	
			M-T-D	0	

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 6-28-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		0	0
3. INPUT PRODUCTION - MWD		0	0
4. OUTAGE HOURS		24.0	24.0
5. FORECAST FOR MONTH	TOE	78.3	0
	KMWD	92.1	0
6. TIME OPER. EFF.	M-T-D	77.1	0
	30 DAY AVG.	81.3	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.5	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70
	HOUR	0400	
10. FUEL FAILURES-- M-T-D	NAT.	0	/ / / / /
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 0
	V.S.	0	NUCLEAR STEAM MLBS./HR. 0
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.8	PRODUCED 0
	OUTLET	C.U.	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		41.6	DAILY 0
			M-T-D 0

KE- Completed charge discharge. Work is continuing on front face connectors and rear face gas and water leaks.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 6-29-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		0		0
3. INPUT PRODUCTION - MWD		0		0
4. OUTAGE HOURS		24.0		24.0
5. FORECAST FOR MONTH	TOE	78.3		0
	KMWD	92.1		0
6. TIME OPER. EFF.	M-T-D	74.4		0
	30 DAY AVG.	78.0		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.5		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-1-70		8-16-70
	HOUR	0400		
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	0
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.1	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.7	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		41.2	DAILY	0
			M-T-D	0

KE - Miscellaneous maintenance in progress.

N - Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 6-30-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	0
			0
2. MAXIMUM POWER - MW		0	0
3. INPUT PRODUCTION - MWD		0	0
4. OUTAGE HOURS		24.0	24.0
5. FORECAST FOR MONTH	TOE	78.3	0
	KMWD	92.1	0
6. TIME OPER. EFF.	M-T-D	71.9	0
	30 DAY AVG.	74.7	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.6	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	7-1-70	8-16-70
	HOUR	0250	
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 0
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.2	PRODUCED 0
	OUTLET	17.2	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		192.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		98.7	DAILY 0
			M-T-D 0

KE- (12-8)(7-1-70)

The reactor started up at 0250 hrs.

N- Down for summer outage.

DECLASSIFIED

AFTER FILL-IN

END

**DATE
FILMED
10 / 21 / 92**