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DUN-7038-RD

DE92 019149

DATE

July 1, 1970

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TITLE

REACTOR OPERATIONS DAILY REPORTS

7-1-70 THROUGH 6-30-71

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AUTHOR

M. A. Thress

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REACTOR OPERATIONS DAILY REPORTS
7-1-70 THROUGH 6-30-71

By

M..A. Thress

July 1, 1970

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VERIFIED BY DJ Rucker 6/11/92

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REACTOR OPERATIONS DAILY REPORT

DATE 7-1-70

DUN- 7038

PAGE 3

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3300	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3265		0
3. INPUT PRODUCTION - MWD		2283		0
4. OUTAGE HOURS		2.8		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	88.3		0
	30 DAY AVG.	74.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-.5		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 TEMPERATURE AT 2330 HOURS	INLET	17.0	PRODUCED	0
	OUTLET	79.4	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.2	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-2-70

DUN-- 7038

PAGE 4

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3660	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3620		0
3. INPUT PRODUCTION - MWD		3444		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	94.2		0
	30 DAY AVG.	76.3		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 TEMPERATURE AT 2330 HOURS	INLET	17.8	PRODUCED	0
	OUTLET	86.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		200.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		103.3	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-3-70

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PAGE 5

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		3678		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	96.1		0
	30 DAY AVG.	79.7		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.8		0
8. FACTOR LIMITING POWER LEVEL		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	18.3	PRODUCED	0
	OUTLET	88.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	10%-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		100.3	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; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 6	
REACTOR OPERATIONS DAILY REPORT DATE 7-4-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3715	0		
3. INPUT PRODUCTION - MWD		3715	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	0		
	KMWD	85.8	0		
6. TIME OPER. EFF.	M-T-D	97.1	0		
	30 DAY AVG.	79.8	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.4	0		
8. FACTOR LIMITING POWER LEVEL		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	18.3	PRODUCED	0	
	OUTLET	89.1	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	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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REACTOR OPERATIONS DAILY REPORT

DATE 7-5-70

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PAGE 7

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		3715		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	97.7		0
	30 DAY AVG.	79.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.1		0
8. FACTOR LIMITING POWER LEVEL		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	18.4	PRODUCED	0
	OUTLET	89.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		100.7	DAILY	0
			M-T-D	0

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REACTOR OPERATIONS DAILY REPORT

DATE 7-6-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		3715		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	98.0		0
	30 DAY AVG.	79.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.9		0
8. FACTOR LIMITING POWER LEVEL		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	18.2	PRODUCED	0
	OUTLET	89.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105--N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		104.6	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-7-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		3715		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	98.3		0
	30 DAY AVG.	79.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.9		0
8. FACTOR LIMITING POWER LEVEL		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	18.4	PRODUCED	0
	OUTLET	89.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		104.5	DAILY	0
			M-T-D	0

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REACTOR OPERATIONS DAILY REPORT

DATE 7-8-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3715	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		3715		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	98.5		0
	30 DAY AVG.	79.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.8		0
8. FACTOR LIMITING POWER LEVEL		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	18.6	PRODUCED	0
	OUTLET	89.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.4	DAILY	0
			M-T-D	0

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REACTOR OPERATIONS DAILY REPORT

DATE 7-9-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3715		0
3. INPUT PRODUCTION - MWD		2668		0
4. OUTAGE HOURS		6.5		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	95.7		0
	30 DAY AVG.	78.9		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.7		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-11-70		8-16-70
	HOUR	0730		
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	18.5	PRODUCED	0
	OUTLET	19.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000		192.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		103.3	DAILY	0
			M-T-D	0

KE- Reactor shut down at 1730 hrs. due to broken wire strands on front face connector # 3593.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-10-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		2000	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	70.6	0
	KMWD	85.8	0
6. TIME OPER. EFF.	M-T-D	86.1	0
	30 DAY AVG.	75.5	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.0	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	7-11-70	8-16-70
	HOUR	0730	
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	18.9	PRODUCED 0
	OUTLET	18.9	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		192.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		97.1	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 7-11-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3200	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		2890		0
3. INPUT PRODUCTION - MWD		1851		0
4. OUTAGE HOURS				24.0
5. FORECAST FOR MONTH	TOE	5.2		0
	KMWD	70.6		0
6. TIME OPER. EFF.	M-T-D	85.8		0
	30 DAY AVG.	85.4		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		74.8		0
8. FACTOR LIMITING POWER LEVEL		12.0		0
9. ESTIMATED STARTUP TIME	DATE	N.E.		R.D.
	HOUR	7-11-70		8-16-70
10. FUEL FAILURES-M-T-D	NAT.	0510		
	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	19.1	PRODUCED	0
	OUTLET	73.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		100.9	DAILY	0
			M-T-D	0

KE- Reactor started up at 0510 hrs. 7-11-70.

N- Down for summer outage.

DECLASSIFIED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-12-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3600	REACTION	0
			WPPSS	0
2. MAXIMUM POWER - MW		3540		0
3. INPUT PRODUCTION - MWD		3305		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	86.6		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.6		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 TEMPERATURE AT 2330 HOURS	INLET	19.2	PRODUCED	0
	OUTLET	86.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		100.9	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-13-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3680	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3660		0
3. INPUT PRODUCTION - MWD		3612		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	87.7		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.4		0
8. FACTOR LIMITING POWER LEVEL		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	19.0	PRODUCED	0
	OUTLET	88.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		101.6	DAILY	0
			M-T-D	0

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

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REACTOR OPERATIONS DAILY REPORT

DATE 7-14-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3700	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3690		0
3. INPUT PRODUCTION - MWD		3682		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	88.5		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.4		0
8. FACTOR LIMITING POWER LEVEL		R.D.		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	19.3	PRODUCED	0
	OUTLET	89.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.4	DAILY	0
			M-T-D	0

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-15-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3700	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3700		0
3. INPUT PRODUCTION - MWD		3699		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	89.3		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.3		0
8. FACTOR LIMITING POWER LEVEL		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	19.5	PRODUCED	0
	OUTLET	89.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		106.3	DAILY	0
			M-T-D	0

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-16-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3700	0
			WPPSS 0
2. MAXIMUM POWER - MW		3700	0
3. INPUT PRODUCTION - MWD		3700	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	0
	KMWD	85.8	0
6. TIME OPER. EFF.	M-T-D	90.0	0
	30 DAY AVG.	74.8	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		46.2	0
8. FACTOR LIMITING POWER LEVEL		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	19.8	PRODUCED 0
	OUTLET	89.7	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		204.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND			DAILY 0
		102.4	M-T-D 0

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-17-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3700	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3700		0
3. INPUT PRODUCTION - MWD		3700		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	90.6		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		47.1		0
8. FACTOR LIMITING POWER LEVEL		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	19.8	PRODUCED	0
	OUTLET	89.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		203.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.9	DAILY	0
			M-T-D	0

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-18-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3700	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3700		0
3. INPUT PRODUCTION - MWD		3700		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	91.1		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST. M-T-D KMWD		48.0		0
8. FACTOR LIMITING POWER LEVEL		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	20.1	PRODUCED	0
	OUTLET	90.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.0	DAILY	0
			M-T-D	0

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-19-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3700		0
3. INPUT PRODUCTION - MWD		3674		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	91.6		0
	30 DAY AVG.	74.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		19.0		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-25-70		8-16-70
	HOUR	2200		
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	20.1	PRODUCED	0
	OUTLET	90.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.2	DAILY	0
			M-T-D	0

KE- Reactor shut down at 2400 hrs. 7-19-70 for a scheduled outage. Preparation for charge-discharge in progress. Estimated start up is 2200 hrs. 7-25-70.

N- Down for summer outage.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 22	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 7-20-70 </div>					
		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	70.6	0		
	KMWD	85.8	0		
6. TIME OPER. EFF.	M-T-D	87.0	0		
	30 DAY AVG.	71.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		46.2	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-25-70	8-16-70		
	HOUR	2200			
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	20.9	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.8	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		39.1	DAILY	0	
			M-T-D	0	

KE- Charge-discharged 99 tubes, decontaminated front face using "wetter water". Wall thickness gauging of 24 tubes showed minimum thickness of 47 mils.
 7-21-70 (12-8 shift)
 Charged-discharged 158 tubes.
 Progress of outage is on schedule.
 N- Down for summer outage.

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AFTER FILL-IN

<div style="border: 1px solid black; padding: 2px; display: inline-block;">AFTER FILL-IN</div>		DUN- 7038
REACTOR OPERATIONS DAILY REPORT DATE 7-22-70		PAGE 24

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DATE 7-22-70

		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	70.6	0
	KMWD	85.8	0
6. TIME OPER. EFF.	M-T-D	79.1	0
	30 DAY AVG.	64.8	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	7-25-70	8-16-70
	HOUR	2200	
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	20.3	PRODUCED 0
	OUTLET	C.U.	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		39.7	DAILY 0
			M-T-D 0

KE- Charge-discharged 241 tubes & inserted remainder of total control splines for discharging poison.
7-23-70 (12-8)
Charge-discharged 44 tubes following pre-insertion.
Outage progress is on schedule.

N- Down for summer outage.

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AFTER FILL-IN

<div style="text-align: center;">[REDACTED]</div> <div style="text-align: center;">AFTER FILL-IN</div>				DUN- 7038 PAGE 25	
<div style="text-align: center;">REACTOR OPERATIONS DAILY REPORT</div> <div style="text-align: center;">DATE 7-23-70</div>					
		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	70.6	0		
	KMWD	85.8	0		
6. TIME OPER. EFF.	M-T-D	25.6	0		
	30 DAY AVG.	61.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.1	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	24.0		
9. ESTIMATED STARTUP TIME	DATE	7-25-70	8-28-70		
	HOUR	2200			
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	20.4	PRODUCED		0
	OUTLET	C.V.	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.2	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		38.1	DAILY		0
			M-T-D		0

KE- Charge-discharged 217 tubes
7-24-70 (12-8)
Charge-discharged 50 tubes.
Miscellaneous maintenance also continuing.

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-24-70

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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	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	72.5		0
	30 DAY AVG.	60.7		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.9		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-25-70		8-28-70
	HOUR	2200		
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	20.6	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		16.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		39.0	DAILY	0
			M-T-D	0

KE- Continuing down for scheduled outage.

N- Down for summer outage.

DECLASSIFIED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-25-70

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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	70.6	0
	KMWD	85.8	0
6. TIME OPER. EFF.	M-T-D	69.6	0
	30 DAY AVG.	60.7	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.6	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	7-26-70	8-28-70
	HOUR	2200	
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	20.7	PRODUCED 0
	OUTLET	C.U.	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.3	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		57.0	DAILY 0
			M-T-D 0

KE- Continuing down for scheduled outage.

N- Down for summer outage.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 28	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 7-26-70 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3150	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		2500	0		
3. INPUT PRODUCTION - MWD		211	0		
4. OUTAGE HOURS		19.7	24.0		
5. FORECAST FOR MONTH	TOE	70.6	0		
	KMWD	85.8	0		
6. TIME OPER. EFF.	M-T-D	67.6	0		
	30 DAY AVG.	61.3	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.2	0		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	7-26-70	8-28-70		
	HOUR	1945			
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	19.8	PRODUCED	0	
	OUTLET	65.0	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		198.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.2	DAILY	0	
			M-T-D	0	

KE- Reactor started up at 1945 hrs. 7-26-70.

N- Down for summer outage.

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SECRET
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 7-27-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3600		0
3. INPUT PRODUCTION - MWD		2425		0
4. OUTAGE HOURS		5.8		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	67.9		0
	30 DAY AVG.	63.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.5		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	7-29-70		8-28-70
	HOUR	0600		
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	19.6	PRODUCED	0
	OUTLET	20.5	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		90.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.0	DAILY	0
			M-T-D	0

KE- Reactor scrambled at 1812 hrs. due to a trip on pressure monitor. Actual tube number is unknown.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-28-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		2000	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	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	65.5		0
	30 DAY AVG.	63.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.3		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.2	PRODUCED	0
	OUTLET	19.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		188.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		93.4	DAILY	0
			M-T-D	0

KE- Reactor started up at 0212 hrs. 7-29-70.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-29-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3375	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3150		0
3. INPUT PRODUCTION - MWD		2142		0
4. OUTAGE HOURS		24.0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	66.4		0
	30 DAY AVG.	66.9		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.9		0
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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.	0
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.5	PRODUCED	0
	OUTLET	77.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.1	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-30-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3575	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3525		0
3. INPUT PRODUCTION - MWD		3404		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	67.5		0
	30 DAY AVG.	70.2		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.3		0
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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.	0
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.2	PRODUCED	0
	OUTLET	85.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.3	DAILY	0
			M-T-D	0

KE- Line four on 7-29-70 daily report should be 2.2
instead of 24.0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 7-31-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3605	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3605		0
3. INPUT PRODUCTION - MWD		3580		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	68.5		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.5		0
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.1	PRODUCED	0
	OUTLET	87.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		102.1	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; display: inline-block; width: 100px; height: 1.2em; background-color: black; margin-bottom: 2px;"></div> IN </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 8-1-70 </div>				PAGE 34	
		KE		N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3605		REACTOR	0
				WPPSS	0
2. MAXIMUM POWER - MW		3605		0	
3. INPUT PRODUCTION - MWD		3605		0	
4. OUTAGE HOURS		0		24.0	
5. FORECAST FOR MONTH		TOE		70.6	
		KMWD		85.4	
6. TIME OPER. EFF.		M-T-D		100.0	
		30 DAY AVG.		70.6	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.8		0	
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.	
9. ESTIMATED STARTUP TIME		DATE		8-28-70	
		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		18.9	
		OUTLET		87.0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.5		DAILY	0
				M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-2-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3605	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3605		0
3. INPUT PRODUCTION - MWD		3605		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.7		0
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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.	0
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.2	PRODUCED	0
	OUTLET	87.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.0	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-3-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3615	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3615		0
3. INPUT PRODUCTION - MWD		3609		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.6		0
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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.	0
12. WATER TEMPERATURE AT 2330 HOURS	INLET	19.6	PRODUCED	0
	OUTLET	87.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.8	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-4-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3630	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3625		0
3. INPUT PRODUCTION - MWD		3620		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.4		0
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.9	PRODUCED	0
	OUTLET	88.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.9	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-5-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3640	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3640		0
3. INPUT PRODUCTION - MWD		3635		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.3		0
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.5	PRODUCED	0
	OUTLET	88.1	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.8	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-6-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3665	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3655		0
3. INPUT PRODUCTION - MWD		3647		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.8		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	70.6		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.2		0
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.4	PRODUCED	0
	OUTLET	88.4	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		99.2	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-7-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3685		0
3. INPUT PRODUCTION - MWD		3673		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	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		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 TEMPERATURE AT 2330 HOURS	INLET	19.2	PRODUCED	0
	OUTLET	88.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		205.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.0	DAILY	0
			M-T-D	0

N - Maintenance work is continuing.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-8-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3685		0
3. INPUT PRODUCTION - MWD		3685		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	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		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 TEMPERATURE AT 2330 HOURS	INLET	19.6	PRODUCED	0
	OUTLET	89.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.8	DAILY	0
			M-T-D	0

N- Maintenance work is continuing.

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REACTOR OPERATIONS DAILY REPORT

DATE 8-9-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3685		0
3. INPUT PRODUCTION - MWD		3685		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	72.1		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+8.0		
8. FACTOR LIMITING POWER LEVEL		A.L.		
9. ESTIMATED STARTUP TIME	DATE			8-28-70
	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	19.6	PRODUCED	0
	OUTLET	89.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.6	DAILY	0
			M-T-D	0

N - Maintenance work is continuing.

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REACTOR OPERATIONS DAILY REPORT DATE 8-10-70				PAGE 43	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3685	0		
3. INPUT PRODUCTION - MWD		3685	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH		TOE	70.6	0	
		KMWD	85.4	0	
6. TIME OPER. EFF.		M-T-D	100.0	0	
		30 DAY AVG.	72.8	0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+8.9			
8. FACTOR LIMITING POWER LEVEL		A.L.			
9. ESTIMATED STARTUP TIME		DATE	8-28-70		
		HOUR			
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 TEMPERATURE AT 2330 HOURS		INLET	19.9	PRODUCED	
		OUTLET	89.3	EXPORTED	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		203.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.5	DAILY		0
			M-T-D		0
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REACTOR OPERATIONS DAILY REPORT

DATE 8-11-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3685		0
3. INPUT PRODUCTION - MWD		3685		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	72.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+9.8		
8. FACTOR LIMITING POWER LEVEL		A.L.		
9. ESTIMATED STARTUP TIME	DATE		8-28-70	
	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	20.3	PRODUCED	0
	OUTLET	89.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		99.1	DAILY	0
			M-T-D	0

N- Maintenance work is continuing.

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<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] IN</div>				DUN- 7038 PAGE 45	
REACTOR OPERATIONS DAILY REPORT DATE 8-12-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3685	0		
3. INPUT PRODUCTION - MWD		3685	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	100.0	0		
	30 DAY AVG.	72.8	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+10.7			
8. FACTOR LIMITING POWER LEVEL		A. L.			
9. ESTIMATED STARTUP TIME	DATE		8-28-70		
	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	20.2	PRODUCED	0	
	OUTLET	89.8	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.8	DAILY	0	
			M-T-D	0	
<p>N - Maintenance work is continuing.</p> <div style="text-align: right; font-size: 2em; font-weight: bold; margin-top: 100px;">UNCLASSIFIED</div>					

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN-7038 PAGE 46	
REACTOR OPERATIONS DAILY REPORT DATE 8-13-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3685	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3685	0		
3. INPUT PRODUCTION - MWD		3685	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	100.0	0		
	30 DAY AVG.	72.8	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+11.7			
8. FACTOR LIMITING POWER LEVEL		A.L.			
9. ESTIMATED STARTUP TIME	DATE		8-31-70		
	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	20.2	PRODUCED	0	
	OUTLET	89.7	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.8	DAILY	0	
			M-T-D	0	

N - Maintenance work is continuing.

DECLASSIFIED

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE

8-14-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR 0 WPPSS 0
2. MAXIMUM POWER - MW		3685	0
3. INPUT PRODUCTION - MWD		1410	0
4. OUTAGE HOURS		14.6	24.0
5. FORECAST FOR MONTH	TOE		
	KMWD		
	M-T-D		
6. TIME OPER. EFF.	30 DAY AVG.		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD			
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 0
	V.S.		NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	21.4	PRODUCED 0
	OUTLET	C.U.	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		21.0	10% - N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		96.5	DAILY 0
			M-T-D 0

RE - Reactor shut down at 0925 hours due to BPA power condition. Schedule work planned for 8-20-70 will be completed.

N - Maintenance work is continuing.

DECLASSIFIED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE _____

8-16-70

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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	70.6	0
	KMWD	85.4	0
6. TIME OPER. EFF.	M-T-D	83.7	0
	30 DAY AVG.	64.1	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+4.8	
8. FACTOR LIMITING POWER LEVEL			
9. ESTIMATED STARTUP TIME	DATE	8-22-70	8-31-70
	HOUR	1200	
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	21.9	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		38.2	DAILY 0
			M-T-D 0

KE - Charge discharge is continuing.

N - Maintenance is continuing.

DECLASSIFIED

AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>			DUN- 7038 PAGE 50	
REACTOR OPERATIONS DAILY REPORT DATE 8-17-70				
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0	N	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	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	78.8		0
	30 DAY AVG.	60.8		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		+2.1		
8. FACTOR LIMITING POWER LEVEL				
9. ESTIMATED STARTUP TIME	DATE	8-22-70		8-31-70
	HOUR	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 TEMPERATURE AT 2330 HOURS	INLET	21.5	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		18.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		38.2	DAILY	0
			M-T-D	0

KE - Charge discharge and maintenance work as required are continuing.

N - Maintenance work as required is continuing.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 51	
REACTOR OPERATIONS DAILY REPORT DATE 8-18-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0	N 0		
			WPPSS 0		
2. MAXIMUM POWER - MW		0	0		
3. INPUT PRODUCTION - MWD		0	0		
4. OUTAGE		24.0	24.0		
5. FORECAST MONTH	TOE	70.6	0		
	KMWD	85.4	0		
6. TIME	M-T-D	74.4	0		
	30 DAY AVG.	57.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.7			
8. FACTOR LIMIT POWER LEVEL					
9. ESTIMATED TIME	DATE	8-22-70	8-31-70		
	HOUR	1200			
10. FUEL FAILURE M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAK M-T-D	TUBE	0	MSH PSIG	0	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330	INLET	21.1	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR FLOW RATE AT 2330		18.0	105-N BLDG. KWH OUTPUT		
14. PEAK		29.0	DAILY	0	
			M-T-D	0	

KE - Charge discharge and maintenance work are continuing.

N - Scheduled maintenance work is continuing.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN-7038 PAGE 58	
REACTOR OPERATIONS DAILY REPORT DATE 8-19-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	N		
		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	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	70.5	0		
	30 DAY AVG.	57.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.4			
8. FACTOR LIMITING POWER LEVEL					
9. ESTIMATED STARTUP TIME	DATE	8-22-70	8-31-70		
	HOUR	1200			
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	21.3	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		18.2	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		29.7	DAILY	0	
			M-T-D	0	

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

N - Reactor is continuing down for scheduled maintenance work.

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AFTER FILL-IN

<div style="text-align: center;"> AFTER FILL-IN </div>				<div style="text-align: center;"> D-11 7038 </div>
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>8-20-70</u> </div>				<div style="text-align: center;"> PAGE 53 </div>
		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	70.6	0	
	KNWD	85.4	0	
6. TIME OPER. EFF.	M-T-D	67.0	0	
	30 DAY AVG.	57.5	0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KNWD		-6.2		
8. FACTOR LIMITING POWER LEVEL				
9. ESTIMATED STARTUP TIME	DATE	8-22-70	8-31-70	
	HOUR	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 TEMPERATURE AT 2330 HOURS	INLET	21.5	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		39.4	DAILY	0
			M-T-D	0

KE - Scheduled charge discharge and maintenance work are continuing.

N - Scheduled work is continuing. Discharged five process tubes and recharged same with production test material (PT-NR-113)

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 51	
REACTOR OPERATIONS DAILY REPORT DATE 8-21-70					
		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	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	63.8	0		
	30 DAY AVG.	57.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.9	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	9-5-70	8-31-70		
	HOUR	1200			
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	21.6	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.2	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		39.4	DAILY	0	
			M-T-D	0	

KE- Startup has been delayed due to BPA power condition. Miscellaneous maintenance is in progress.

N- Down for summer outage. Charged 13 tubes of which 6 tubes are production test material (PT-NR-136).

DECLASSIFIED

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> <div style="margin-left: 10px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 55	
REACTOR OPERATIONS DAILY REPORT DATE 8-22-70					
		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	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	60.9	0		
	30 DAY AVG.	57.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.7	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	9-5-70	8-31-70		
	HOUR	1200			
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	21.9	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.2	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		38.7	DAILY	0	
			M-T-D	0	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 56	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 8-23-70 </div>					
		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	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	58.2	0		
	30 DAY AVG.	57.5	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.4	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	9-5-70	8-31-70		
	HOUR	1200			
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	22.2	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		39.4	DAILY	0	
			M-T-D	0	

KE- Continuing down. Discharged problem tube 3262 and recharged. Miscellaneous maintenance in progress.

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 8-24-70

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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	70.6		0
	KMWD	85.4		0
	M-T-D	55.8		0
6. TIME OPER. EFF.	30 DAY AVG.	57.5		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-17.2		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	9-5-70		8-31-70
	HOUR	1200		
10. FUEL FAILURES- M-T-D	RAT.	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	22.0	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		43.8	DAILY	0
			M-T-D	0

KE- Miscellaneous maintenance as required continuing.

N- Down for summer outage.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 59	
REACTOR OPERATIONS DAILY REPORT DATE 8-26-70					
		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	70.6	0		
	KMWD	85.4	0		
6. TIME OPER. EFF.	M-T-D	51.5	0		
	30 DAY AVG.	54.3	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-22.7	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	9-5-70	8-31-70		
	HOUR	1200			
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	22.0	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.1	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		45.0	DAILY	0	
			M-T-D	0	

KE- Miscellaneous maintenance in progress.

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 8-27-70

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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	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	49.6		0
	30 DAY AVG.	54.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-25.5		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	9-1-70		8-31-70
	HOUR	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 TEMPERATURE AT 2330 HOURS	INLET	22.0	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.4	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		36.9	DAILY	0
			M-T-D	0

KE- Miscellaneous Maintenance in progress.

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 8-28-70

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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	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	47.8		0
	30 DAY AVG.	51.3		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-28.2		0
8. FACTOR LIMITING POWER LEVEL		R.D.		24.0
9. ESTIMATED STARTUP TIME	DATE	9-1-70		9-4-70
	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	22.0	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.1	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		36.1	DAILY	0
			M-T-D	0

KE- Miscellaneous maintenance in progress.

N- Down for summer outage.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 8-29-70

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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	70.6		0
	KMWD	85.4		0
6. TIME OPER. EFF.	M-T-D	46.2		0
	30 DAY AVG.	48.0		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-31.0		0
8. FACTOR LIMITING POWER LEVEL		R.D.		R.D.
9. ESTIMATED STARTUP TIME	DATE	9-1-70		9-4-70
	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	22.0	PRODUCED	0
	OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.9	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		33.7	DAILY	0
			M-T-D	0

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 8-30-70

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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	70.6	0
	KMWD	85.4	0
6. TIME OPER. EFF.	M-T-D	44.6	0
	30 DAY AVG.	44.6	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-33.7	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	9-1-70	9-4-70
	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	22.1	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		83.3	DAILY 0
			M-T-D 0

KE- Miscellaneous maintenance in progress.
(12-8) (8-31-70)
Startup preparations in progress.

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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REACTOR OPERATIONS DAILY REPORT

DATE 8-31-70

		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	70.6	0
	KMWD	85.4	0
6. TIME OPER. EFF.	M-T-D	43.2	0
	30 DAY AVG.	43.2	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-36.5	0
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	Undetermined	9-4-70
	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	20.7	PRODUCED 0
	OUTLET	20.2	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		65.1	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		82.5	DAILY 0
			M-T-D 0

KE- Miscellaneous maintenance in progress.
Startup delayed due to river temperature condition.
N- Down for summer outage.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>9-1-70</u> </div>				PAGE 65	
		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	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	0	0		
	30 DAY AVG.	38.0	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.8	0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	Undertermined	9-4-70		
	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	21.0	PRODUCED	0	
	OUTLET	20.4	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		71.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		72.1	DAILY	0	
			M-T-D	0	

KE- Miscellaneous maintenance in progress.
Startup undetermined due to river temperature.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 9-2-70					
		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	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	0	0		
	30 DAY AVG.	34.6	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.5	-6.9		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	Undetermined		9-6-70	
	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	20.4	PRODUCED	0	
	OUTLET	19.9	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		67.4	105-N BLDG. KW-4 OUTPUT		
14. PEAK ELECT. DEMAND		36.1	DAILY	0	
			M-T-D	0	

KE- Miscellaneous maintenance in progress.
 Startup undetermined due to river temperature.

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE <u>9-3-70</u>				PAGE 67	
		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	70.6		
		KMWD	83.0		
			90.0		
			103.7		
6. TIME OPER. EFF.		M-T-D	0		
		30 DAY AVG.	31.3		
			0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.3	-10.4		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME		DATE	Unknown		
		HOUR	9-6-70		
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	19.8		
		OUTLET	19.6		
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		67.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		35.3	DAILY		0
			M-T-D		0

KE- Startup delayed due to river temperature.
 (8-4)(9-4-70)
 Startup preparations in progress.

N- Down for summer outage.

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AFTER FILL IN

DUN- 703

REACTOR OPERATIONS DAILY REPORT

DATE 9-4-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3280	REACTOR WPPSS
2. MAXIMUM POWER - MW		31.00	
3. INPUT PRODUCTION - MWD		957	
4. OUTAGE HOURS		10	
5. FORECAST FOR MONTH	TOE	70.6	
	KMWD	83.0	
6. TIME OPER. EFF.	M-T-D	91.5	
	30 DAY AVG.	29.2	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.1	
8. FACTOR LIMITING POWER LEVEL		N.E.	
9. ESTIMATED STARTUP TIME	DATE	9-4-70	
	HOUR	1400	
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 TEMPERATURE AT 2330 HOURS	INLET	12.3	PRODUCED
	OUTLET	77.2	EXPORTED
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		88.2	DAILY
			M-T-D

KE- Reactor started up at 1400 hrs. 9-4-70.

N- Down for summer outage.

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AFTER FILL IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 9-5-70

DUN- 7033

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3475	REACTOR WPPSS
2. MAXIMUM POWER - MW		3400	
3. INPUT PRODUCTION - MWD		3304	
4. OUTAGE HOURS		0	
5. FORECAST FOR MONTH	TOE	70.5	
	KMWD	83.0	
6. TIME OPER. EFF.	M-T-D	93.2	
	30 DAY AVG.	29.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.6	
8. FACTOR LIMITING POWER LEVEL		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
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.8	PRODUCED
	OUTLET	82.7	EXPORTED
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		88.4	DAILY
			M-T-D

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AFTER FILL-IN

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DATE 9-6-70

		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3480	REACTOR WPPSS
2. MAXIMUM POWER - MW		3480	
3. INPUT PRODUCTION - MWD		3464	
4. OUTAGE HOURS		0	
5. FORECAST FOR MONTH	TOE	70.6	
	KMWD	83.0	
6. TIME OPER. EFF.	M-T-D	94.3	
	30 DAY AVG.	29.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.2	
8. FACTOR LIMITING POWER LEVEL		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
	V.S.	0	NUCLEAR STEAM MLDS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.3	PRODUCED
	OUTLET	84.5	EXPORTED
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		88.4	DAILY M-T-D

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 9-7-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3480	
2. MAXIMUM POWER - MW		3480	
3. INPUT PRODUCTION - MWD		3480	
4. OUTAGE HOURS		0	
5. FORECAST FOR MONTH	TOE	70.6	
	KMWD	83.0	
6. TIME OPER. EFF.	M-T-D	95.1	
	30 DAY AVG.	29.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.2	
8. FACTOR LIMITING POWER LEVEL		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	
	V.S.	0	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.7	
	OUTLET	84.5	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	
14. PEAK ELECT. DEMAND	DAILY		
	M-T-D		

N- Down for summer outage.

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[REDACTED] - IN

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3480	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3480		0
3. INPUT PRODUCTION - MWD		3480		0
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	70.6		0
	KMWD	83.0		0
6. TIME OPER. EFF.	M-T-D	57.3		0
	30 DAY AVG.	29.9		0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.4		0
8. FACTOR LIMITING POWER LEVEL		N.F.		0
9. ESTIMATED STARTUP TIME	DATE			0
	HOUR			0
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 MLDS./HR.	0
12. WATER TEMPERATURE AT 2300 HOURS	INLET	18.8	PRODUCED	0
	OUTLET	84.0	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2300 - GPM ÷ 1000		202.5	10%-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		91.4	DAILY	0
			M-T-D	0

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 9-9-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3480	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3480	0		
3. INPUT PRODUCTION - MWD		3480	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	62.0	0		
	30 DAY AVG.	29.9	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.7	-31.1		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		9-13-70		
	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.	0	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.2	PRODUCED	0	
	OUTLET	84.1	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		91.4	DAILY	0	
			M-T-D	0	

N- Down for summer outage.

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REACTOR OPERATIONS DAILY REPORT DATE 9-10-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3480	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3480	0		
3. INPUT PRODUCTION - MWD		3480	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	65.8	0		
	30 DAY AVG.	29.9	0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.0	-34.6		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		9-13-70		
	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	18.4	PRODUCED	0	
	OUTLET	84.0	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		91.3	DAILY	0	
			M-T-D	0	

N- Down for summer outage.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 9-11-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3500	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		3490	0
3. INPUT PRODUCTION - MWD		3484	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	90.0
	KMWD	83.0	103.7
6. TIME OPER. EFF.	M-T-D	67.4	0
	30 DAY AVG.	29.9	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.3	-38.0
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.
9. ESTIMATED STARTUP TIME	DATE		9-13-70
	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	18.1	PRODUCED 0
	OUTLET	84.0	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		92.1	DAILY 0
			M-T-D 0

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REACTOR OPERATIONS DAILY REPORT

DATE 9-12-70

		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3530	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		3520	0
3. INPUT PRODUCTION - MWD		3508	0
4. OUTAGE HOURS		0	2 ¹ / ₂ .0
5. FORECAST FOR MONTH	TOE	70.6	90.0
	KMWD	83.0	103.7
6. TIME OPER. EFF.	M-T-D	70.1	0
	30 DAY AVG.	29.9	0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.6	-41.5
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.
9. ESTIMATED STARTUP TIME	DATE		9-13-70
	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	17.3	PRODUCED 0
	OUTLET	84.0	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		94.5	DAILY 0
			M-T-D 0

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 9-13-70 </div>					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0		N REACTOR 0 WPPSS 0	
2. MAXIMUM POWER - MW		3550		0	
3. INPUT PRODUCTION - MWD		3538		0	
4. OUTAGE HOURS		0		24.0	
5. FORECAST FOR MONTH	TOE	70.6		90.0	
	KMWD	83.0		103.7	
6. TIME OPER. EFF.	M-T-D	72.4		0	
	30 DAY AVG.	31.9		0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.8		-44.9	
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.	
9. ESTIMATED STARTUP TIME	DATE			9-14-70	
	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	17.7		PRODUCED 0	
	OUTLET	84.6		EXPORTED 0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND	93.7		DAILY		0
			M-T-D		0

KE- (12-8)(9-14-70)

Reactor shut down at 0004 hrs. 9-14-70. due to an unexplained panellit trip on gauge 5571.
Estimated startup time is 1200 hrs. 9-15-70.

N- (12-8)(9-14-70)

Reactor started up at 0733 hrs. 9-14-70.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 78	
REACTOR OPERATIONS DAILY REPORT DATE 9-14-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3550	200		
3. INPUT PRODUCTION - MWD		10	37		
4. OUTAGE HOURS		23.9	18.5		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	67.3	1.6		
	30 DAY AVG.	32.0	0.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.5	-48.4		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	9-15-70	9-16-70		
	HOUR	1600	0000		
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	17.7	PRODUCED		89
	OUTLET	18.0	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		65.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		41.7	DAILY		0
			M-T-D		0

KE- Leak testing in progress.

N- Reactor scrammed at 1303 hrs. 9-14-70 due to a flow monitor leak.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 79	
REACTOR OPERATIONS DAILY REPORT DATE 9-15-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	500	
			WPPSS	0	
2. MAXIMUM POWER - MW		0	165		
3. INPUT PRODUCTION - MWD		0	6		
4. OUTAGE HOURS		24.0	22.6		
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	83.0		
6. TIME OPER. EFF.		M-T-D	62.8		
		30 DAY AVG.	32.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.3	-51.8		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME		DATE	9-16-70		
		HOUR	1600		
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	17.7		
		OUTLET	17.8		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		67.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		41.7	DAILY	0	
			M-T-D	0	

KE- Repair of rear gun barrel flange for tube 3058 is in progress.

N- Resumed operation at 2240 hrs. 9-15-70.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 80	
REACTOR OPERATIONS DAILY REPORT DATE 9-16-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		N	
		2670	REACTOR		2000
			WPPSS		375
2. MAXIMUM POWER - MW		2500	2000		
3. INPUT PRODUCTION - MWD		256	1170		
4. OUTAGE HOURS		19.7	0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	60.0	8.0		
	30 DAY AVG.	32.6	4.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.8	-54.1		
8. FACTOR LIMITING POWER LEVEL		N.E.	Admin.		
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	123	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	18.0	PRODUCED	3350	
	OUTLET	64.1	EXPORTED	1800	
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		198.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		93.6	DAILY	29.9x10 ⁵	
			M-T-D	29.9x10 ⁵	

KE- Reactor resumed operation at 1940 hrs. 9-16-70.
 9-17-70 (12-8)
 Reactor scrambled at 0012 hrs. from a low Panellit trip on 3-A test facility. The gauge dial actuating pin was found to have come out of its slot on the gauge mechanism, leaving the dial disconnected from the Bourdon tube. The condition was corrected and operation was resumed at 0042 hrs..

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> <div style="margin-left: 10px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 81	
REACTOR OPERATIONS DAILY REPORT DATE 9-17-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3430	REACTOR		3000
			WPPSS		600
2. MAXIMUM POWER - MW		3300	3000		
3. INPUT PRODUCTION - MWD		2728	2290		
4. OUTAGE HOURS		.5	0		
5. FORECAST FOR MONTH		TOE	70.6		90.0
		KMWD	83.0		103.7
6. TIME OPER. EFF.		M-T-D	62.2		13.5
		30 DAY AVG.	35.8		7.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.8	-55.3		
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 130
		V.S.	0		NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS		INLET	17.7		PRODUCED 7985
		OUTLET	79.9		EXPORTED 6750
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.4		DAILY	104.9x10 ⁵
				M-T-D	134.8x10 ⁵

N- Line 3 for 9-16-70 daily report should read 1109 instead of 1170. Line 12 should read 3557 instead of 3350.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 82	
REACTOR OPERATIONS DAILY REPORT DATE <u>9-18-70</u>					
		KE		N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3570		REACTOR	3000
				WPPSS	600
2. MAXIMUM POWER - MW		3570		3000	
3. INPUT PRODUCTION - MWD		3463		3000	
4. OUTAGE HOURS		0		0	
5. FORECAST FOR MONTH		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		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 TEMPERATURE AT 2330 HOURS		INLET		PRODUCED	10231
		OUTLET		EXPORTED	8765
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.4		DAILY	143.9 x 10 ⁵
				M-T-D	273.7 x 10 ⁵

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] FILL-IN</div> </div>				DUN- 7038 PAGE 83	
REACTOR OPERATIONS DAILY REPORT DATE 9-19-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 3600	N REACTOR 0 WPPSS 0		
2. MAXIMUM POWER - MW		3590	3000		
3. INPUT PRODUCTION - MWD		3576	1907		
4. OUTAGE HOURS		0	8.4		
5. FORECAST FOR MONTH		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		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 6		
		V.S.	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS		INLET 17.9	PRODUCED 6516		
		OUTLET 85.5	EXPORTED 5738		
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.3	DAILY		91.7 x 10 ⁵
			M-T-D		375.4 x 10 ⁵

N Reactor shut down at 1534 hours for V-4 leak repairs.

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<div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div>				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>9-20-70</u>				PAGE 84	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3630	REACTOR	3000	
			WPPSS	600	
2. MAXIMUM POWER - MW		3620	1300		
3. INPUT PRODUCTION - MWD		3604	71		
4. OUTAGE HOURS		0	19.3		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	67.9	20.6		
	30 DAY AVG.	45.8	13.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.5	-60.7		
8. FACTOR LIMITING POWER LEVEL		A.L.	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	0	MSH PSIG	100	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.8	PRODUCED	288	
	OUTLET	85.9	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.4	DAILY	0	
			M-T-D	370.4 x 10 ⁵	
<p>N- Reactor resumed operations at 1918 hours concluding V-4 leak repairs.</p>					

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<div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div>				DUN- 7038
REACTOR OPERATIONS DAILY REPORT DATE <u>9-21-70</u>				PAGE 85
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3660	REACTOR	3000
			WPPSS	630
2. MAXIMUM POWER - MW		3650	3000	
3. INPUT PRODUCTION - MWD		3636	2857	
4. OUTAGE HOURS		0	0	
5. FORECAST FOR MONTH	TOE	70.6	90.0	
	KMWD	83.0	103.7	
6. TIME OPER. EFF.	M-T-D	69.4	24.4	
	30 DAY AVG.	49.2	17.1	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.7	-61.3	
8. FACTOR LIMITING POWER LEVEL		A.L.	N.E.	
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0	[Hatched Box]	
	ENR.	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	116
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.4	PRODUCED	9801
	OUTLET	86.0	EXPORTED	8684
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.0	DAILY	135.0x10 ⁵
			M-T-D	505.4x10 ⁵

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REACTOR OPERATIONS DAILY REPORT

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REACTOR OPERATIONS DAILY REPORT

DATE 9-22-70

		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3680	REACTOR 3750
			WPPSS 800
2. MAXIMUM POWER - MW		3670	3750
3. INPUT PRODUCTION - MWD		3661	3293
4. OUTAGE HOURS		0	0
5. FORECAST FOR MONTH	TOE	70.6	90.0
	KMWD	83.0	103.7
6. TIME OPER. EFF.	M-T-D	70.8	27.9
	30 DAY AVG.	51.9	20.4
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.8	-61.5
8. FACTOR LIMITING POWER LEVEL		A.L.	N.E.
9. ESTIMATED STARTUP TIME	DATE		
	HOUR		
10. FUEL FAILURES-- M-T-D	NAT.	0	0
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 129
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.1	PRODUCED 11,402
	OUTLET	86.2	EXPORTED 10,100
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		202.2	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		94.4	DAILY 168.6x10 ⁵
			M-T-D 674.0x10 ⁵

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AFTER FILL-IN

<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] AFTER FILL-IN</div>				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>9-23-70</u>				PAGE 87	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3705	REACTOR	4000	
			WPPSS	814	
2. MAXIMUM POWER - MW		3700	4000		
3. INPUT PRODUCTION - MWD		3689	3920		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	72.1	31.0		
	30 DAY AVG.	55.3	23.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.8	-61.0		
8. FACTOR LIMITING POWER LEVEL		A.L.	N.E.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES M-T-D	NAT.	0	[REDACTED]		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	129	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.9	PRODUCED	13219	
	OUTLET	86.0	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.4	DAILY	195.3x10 ⁵	
			M-T-D	869.3x10 ⁵	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] FILL-IN</div> </div>				DUN- 7038 PAGE 88	
REACTOR OPERATIONS DAILY REPORT DATE 9-24-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - M'W		3720	REACTOR	4000	
			WPPSS	816	
2. MAXIMUM POWER - MW		3715	4000		
3. INPUT PRODUCTION - MWD		3709	4000		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	73.2	33.9		
	30 DAY AVG.	58.6	27.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.9	-60.5		
8. FACTOR LIMITING POWER LEVEL		A.L.	Adm.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	129	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.9	PRODUCED	13612	
	OUTLET	85.9	EXPORTED	12100	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND	94.4	DAILY	196.0x10 ⁵		
		M-T-D	1065.3x10 ⁵		

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 89	
REACTOR OPERATIONS DAILY REPORT DATE 9-25-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3745	REACTOR	4000	
			WPPSS	815	
2. MAXIMUM POWER - MW		3740	4000		
3. INPUT PRODUCTION - MWD		3727	4000		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	83.0		
6. TIME OPER. EFF.		M-T-D	74.3		
		30 DAY AVG.	61.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.8	-59.9		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME		DATE			
		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	16.9		
		OUTLET	87.5		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.2	DAILY	195.3x10 ⁵	
			M-T-D	1260.6x10 ⁵	

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 AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 9-26-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR 4000
			WPPSS 815
2. MAXIMUM POWER - MW		3750	4000
3. INPUT PRODUCTION - MWD		3748	4000
4. OUTAGE HOURS		0	0
5. FORECAST FOR MONTH	TOE	70.6	90.0
	KMWD	83.0	103.7
6. TIME OPER. EFF.	M-T-D	75.3	39.0
	30 DAY AVG.	65.3	33.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.9	-59.4
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.
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 129
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.1	PRODUCED 13612
	OUTLET	87.8	EXPORTED 10338
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		93.6	DAILY 194.9x10 ⁵
			M-T-D 1455.5x10 ⁵

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> </div>				<div style="text-align: right;">DUN- 7038</div>	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>9-27-70</u> </div>				<div style="text-align: right;">PAGE 91</div>	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3750	4000		
3. INPUT PRODUCTION - MWD		3750	2029		
4. OUTAGE HOURS		0	11.2		
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	83.0		
6. TIME OPER. EFF.		M-T-D	76.2		
		30 DAY AVG.	68.6		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.0	-60.8		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME		DATE	9-28-70		
		HOUR	2400		
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	17.4		
		OUTLET	88.2		
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. out of service KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.2	DAILY		98.4x10 ⁵
			M-T-D		1553.9x10 ⁵
<p>N- Reactor shutdown at 1250 hrs. 9-27-70. Leak inspection revealed the following. Injection water make up increased 160gpm at 0625hrs. T/C tube cap on 2154 had blown the seal from the center of the cap. Severe grayloc leaks on the front of 0462 and the rear of 1448. Leak at seal weld on #2PCP discharge check valve. Cell 5 sump tank lid spraying steam around 360 degrees. Cell 3 pump discharge bypass flange leaking. Cap leak on rear of tube 2060.</p>					

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AFTER FILL IN

REACTOR OPERATIONS DAILY REPORT

DATE 9-28-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3750		0
3. INPUT PRODUCTION - MWD		3750		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.0
	KMWD	83.0		103.7
6. TIME OPER. EFF.	M-T-D	77.0		38.1
	30 DAY AVG.	71.9		35.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.0		-64.3
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			9-30-70
	HOUR			1200
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	24
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.4	PRODUCED	0
	OUTLET	88.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		93.7	DAILY	0
			M-T-D	1553.9x10 ⁵

N- Continuing down for maintenance as required.

DECLASSIFIED

AFTER FILL IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> <div style="margin-left: 10px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 93	
REACTOR OPERATIONS DAILY REPORT DATE 9-29-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3750	0		
3. INPUT PRODUCTION - MWD		3750	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	77.9	36.8		
	30 DAY AVG.	75.3	35.6		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.0	-67.7		
8. FACTOR LIMITING POWER LEVEL		A.I.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		Undetermined		
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	18	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.6	PRODUCED	0	
	OUTLET	88.3	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		104.0	DAILY	0	
			M-T-D	1553.9x10 ⁵	

(12-8)(9-30-70)

N- The Reactor started up at 0222 hrs.. The Reactor scrambled at 0525 hrs. due to a flow monitor trip. During shut down a ball drop occurred. Estimated startup is undetermined at this time.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER [REDACTED] - IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>9-30-70</u> </div>				PAGE 94	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3750	450		
3. INPUT PRODUCTION - MWD		3750	29		
4. OUTAGE HOURS		0	20.9		
5. FORECAST FOR MONTH	TOE	70.6	90.0		
	KMWD	83.0	103.7		
6. TIME OPER. EFF.	M-T-D	78.6	36.0		
	30 DAY AVG.	78.6	36.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		0	-71.2		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		Unknown		
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	10	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.5	PRODUCED	93	
	OUTLET	88.4	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.5	DAILY	0	
			M-T-D	1553.9x10 ⁵	

N- The reactor started up at 0222 hrs. and scrammed at 0525 hrs. due to a flow monitor trip. During shut a ball drop occurred. The reactor is continuing down for further investigation. Miscellaneous maintenance is in progress

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>10-1-70</u> </div>				PAGE 95	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3750		0	
3. INPUT PRODUCTION - MWD		3750		0	
4. OUTAGE HOURS		0		24.0	
5. FORECAST FOR MONTH	TOE	70.6		90.3	
	KMWD	83.2		104.1	
6. TIME OPER. EFF.	M-T-D	100.0		0	
	30 DAY AVG.	81.9		36.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.0		-3.4	
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.	
9. ESTIMATED STARTUP TIME	DATE			Unknown	
	HOUR				
10. FUEL FAILURES-- M-T-D	NAT.	0			
	ENR.	0		0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	29	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.6	PRODUCED	0	
	OUTLET	88.2	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.5	DAILY	0	
			M-T-D	0	

N- Continuing down for further investigation and miscellaneous maintenance.

DECLASSIFIED

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 10-2-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		3750	0
3. INPUT PRODUCTION - MWD		3750	0
4. CUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	90.3
	KMWD	83.2	104.1
6. TIME OPER. EFF.	M-T-D	100.0	0
	30 DAY AVG.	85.3	36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.1	-6.7
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		Unknown
	HOUR		
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	
11. WATER LEAKS -- M-T-D	TUBE	0	MSH PSIG 29
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.9	PRODUCED 0
	OUTLET	88.5	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		95.3	DAILY 0
			M-T-D 0

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 97	
REACTOR OPERATIONS DAILY REPORT DATE 10-3-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	N		
		3750	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3750	0		
3. INPUT PRODUCTION - MW/D		3750	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	100.0	0		
	30 DAY AVG.	88.6	36.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.2	-10.1		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	Unknown			
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	28	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.9	PRODUCED	0	
	OUTLET	88.7	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.5	DAILY	0	
			M-T-D	0	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 98	
REACTOR OPERATIONS DAILY REPORT DATE 10-4-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3750	0		
3. INPUT PRODUCTION - MWD		3750	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	100.0	0		
	30 DAY AVG.	90.5	36.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.3	-13.4		
8. FACTOR LIMITING POWER LEVEL		A.L.	P.D.		
9. ESTIMATED STARTUP TIME	DATE		Unknown		
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	23	
	V.S.	0	NUCLEAR STEAM MLBS./HR.	0	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.8	PRODUCED	0	
	OUTLET	88.5	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		92.9	DAILY	0	
			M-T-D	0	

N- Miscellaneous maintenance continuing.

DECLASSIFIED

8 [REDACTED] IN

REACTOR OPERATIONS DAILY REPORT

DATE 10-5-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3750	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3750		0
3. INPUT PRODUCTION - MWD		3750		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	90.5		36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.3		-16.8
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			Unknown
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	25
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.8	PRODUCED	0
	OUTLET	87.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		103.0	DAILY	0
			M-T-D	0

N- Miscellaneous work continuing.

DECLASSIFIED

8 [REDACTED] AFTER FILL-IN

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; padding: 2px;">AFTER FILL-IN</div> <div style="text-align: right;">DUN-7038</div> </div>			
REACTOR OPERATIONS DAILY REPORT DATE <u>10-6-70</u>			
PAGE 1.00			
		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3760	REACTOR 0 WPPSS 0
2. MAXIMUM POWER - MW		3760	0
3. INPUT PRODUCTION - MWD		3755	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	90.3
	KMWD	83.2	104.1
6. TIME OPER. EFF.	M-T-D	100.0	0
	30 DAY AVG.	90.5	36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		46.4	-20.1
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		Unknown
	HOUR		
10. FUEL FAILURES-M-T-D	NAT.	0	0
	ENR.	0	0
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 28
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.2	PRODUCED 0
	OUTLET	87.5	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		94.5	DAILY 0
			M-T-D 0
N- Miscellaneous work continuing.			

DECLASSIFIED

REACTOR OPERATIONS DAILY REPORT

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REACTOR OPERATIONS DAILY REPORT

DATE 10-7-70

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY -- MW		3770	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER -- MW		3770		0
3. INPUT PRODUCTION -- MWD		3765		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	90.5		36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		17.5		-23.5
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			Unknown
	HOUR			
10. FUEL FAILURES-- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS -- M-T-D	TUBE	0	MSH PSIG	25
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.2	PRODUCED	0
	OUTLET	87.6	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 -- GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.3	DAILY	0
			M-T-D	0

N- Miscellaneous work continuing.

DECLASSIFIED

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 10-8-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3780	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3780		0
3. INPUT PRODUCTION - MWD		3775		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	90.5		36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		48.6		-26.9
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			10-11-70
	HOUR			0800
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENP.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	30
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.2	PRODUCED	0
	OUTLET	87.7	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.3	DAILY	0
			M-T-D	0

N- Miscellaneous work continuing.

DECLASSIFIED

AFTER FILL-IN

<div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT DATE 10-9-70				PAGE 103	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3780	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3780	0		
3. INPUT PRODUCTION - MWD		3780	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OF ER. EFF.	M-T-D	100.0	0		
	30 DAY AVG.	90.5	36.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		49.7	-30.2		
8. FACTOR LIMITING POWER LEVEL		A.I.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	Unknown			
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0	0		
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	31	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.8	PRODUCED	0	
	OUTLET	88.0	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		101.0	DAILY	0	
			M-T-D	0	
N- Miscellaneous work continuing.					

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 10-10-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3780	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3780		0
3. INPUT PRODUCTION - MWD		3780		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	100.0		0
	30 DAY AVG.	90.5		36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		410.8		-33.6
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE			Unknown
	HOUR			
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 TEMPERATURE AT 2330 HOURS	INLET	16.8	PRODUCED	0
	OUTLET	88.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		99.5	DAILY	0
			M-T-D	0

DECLASSIFIED

AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 105	
REACTOR OPERATIONS DAILY REPORT DATE 10-11-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3780	0		
3. INPUT PRODUCTION - MWD		2484	0		
4. OUTAGE HOURS		8.2	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	96.9	0		
	30 DAY AVG.	89.4	36.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		410.6	-36.9		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	10-16-70	Unknown		
	HOUR	2400			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		30
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.0	PRODUCED		0
	OUTLET	18.6	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		72.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		90.5	DAILY		0
			M-T-D		0

KE- Reactor started down at 1540 hrs. for scheduled outage.
 Panellit trip occurred on tube 4776 at 1548 hrs.
 Scheduled work is in progress.

N- Miscellaneous work continuing.

DECLASSIFIED

<div style="border: 1px solid black; display: inline-block; padding: 2px;"> AFTER FILL-IN </div>				DUN- 7038 PAGE 106	
REACTOR OPERATIONS DAILY REPORT DATE 10-12-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		0			
3. INPUT PRODUCTION - MWD		0			
4. OUTAGE HOURS		24.0			
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	83.2		
6. TIME OPER. EFF.		M-T-D	88.8		
		30 DAY AVG.	86.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.9			
8. FACTOR LIMITING POWER LEVEL		R.D.			
9. ESTIMATED STARTUP TIME		DATE	10-16-70		
		HOUR	2400		
10. FUEL FAILURES - M-T-D		NAT.	0	/ / / / /	
		ENR.	0		
11. WATER LEAKS - M-T-D		TUBE	0	MSH PSIG	31
		V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS		INLET	16.1	PRODUCED	0
		OUTLET	C.U.	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		17.3	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		36.9	DAILY		0
			M-T-D		0
<p>KE- Charge discharge and scheduled maintenance in progress.</p> <p>N- Miscellaneous work continuing.</p>					

DECLASSIFIED

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT				PAGE	
DATE 10-13-70				107	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		N	
		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	70.6			90.3
	KMWD	83.2			104.1
6. TIME OPER. EFF.	M-T-D	82.0			0
	30 DAY AVG.	82.7			36.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.2			-43.7
8. FACTOR LIMITING POWER LEVEL		R.D.			R.D.
9. ESTIMATED STARTUP TIME	DATE	10-16-70			Unknown
	HOUR	2400			
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		35
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	16.0	PRODUCED		0
	OUTLET	C.U.	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		17.1	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		36.1	DAILY		0
			M-T-D		0

KE- Charge discharge and scheduled maintenance continuing.

N- Miscellaneous work continuing.

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REACTOR OPERATIONS DAILY REPORT DATE 10-14-70					
		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	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	76.1	0		
	30 DAY AVG.	82.7	35.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.5	-47.0		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	10-16-70	Unknown		
	HOUR	2400			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	35	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.8	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		19.1	105-N BLDG, KWH OUTPUT		
14. PEAK ELECT. DEMAND		34.9	DAILY	0	
			M-T-D	0	

KE- Continuing down for scheduled outage.

N- Miscellaneous work continuing.

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REACTOR OPERATIONS DAILY REPORT

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR 0
			W/PSS 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	70.6	90.3
	KMWD	83.2	104.1
6. TIME OPER. EFF.	M-T-D	71.1	0
	30 DAY AVG.	82.7	35.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.2	-50.4
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.
9. ESTIMATED STARTUP TIME	DATE	10-16-70	10-16-70
	HOUR	2400	1600
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 33
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	17.2	PRODUCED 0
	OUTLET	C.U.	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		17.8	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		40.9	DAILY 0
			M-T-D 0

KE- Completed charge discharge. Miscellaneous maintenance in progress.

N- Startup preparations in progress.

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REACTOR OPERATIONS DAILY REPORT DATE 10-16-70					
		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	70.6	90.3		
	KMWD	83.2	105.1		
6. TIME OPER. EFF.	M-T-D	66.6	0		
	30 DAY AVG.	82.1	31.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.9	-53.7		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	10-17-70	10-17-70		
	HOUR	2000	0830		
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	13	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	15.8	PRODUCED	0	
	OUTLET	15.8	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		40.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		85.7	DAILY	0	
			M-T-D	0	

KE- Miscellaneous maintenance continuing.

N- Miscellaneous maintenance continuing.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>10-17-70</u> </div>				PAGE 111	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		2850	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		0	0		
3. INPUT PRODUCTION - MWD		0	0		
4. OUTAGE HOURS		23.9	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	62.7	0		
	30 DAY AVG.	78.9	28.4		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.6	-57.1		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		10-18-70		
	HOUR		2000		
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	20	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	15.7	PRODUCED	0	
	OUTLET	15.8	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		188.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		92.1	DAILY	0	
			M-T-D	0	

KE-- Reactor started up at 2352 hrs.

N- While attempting startup #2 primary pump failed.
Repair in progress.

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REACTOR OPERATIONS DAILY REPORT

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3375	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3350		0
3. INPUT PRODUCTION - MWD		2172		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	64.8		0
	30 DAY AVG.	78.9		25.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.0		-60.4
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			10-20-70
	HOUR			0800
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 TEMPERATURE AT 2330 HOURS	INLET	15.4	PRODUCED	0
	OUTLET	78.8	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.5	DAILY	0
			M-T-D	0

N- Maintenance in progress.

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3630	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3550		0
3. INPUT PRODUCTION - MWD		3434		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	66.6		0
	30 DAY AVG.	78.9		22.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.3		-63.8
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			10-20-70
	HOUR			0800
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	20
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	15.0	PRODUCED	0
	OUTLET	82.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.3	DAILY	0
			M-T-D	0

N- Startup preparations in progress.

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3775	<div>REACTOR</div> <div>0</div> <div>WPPSS</div> <div>0</div>
2. MAXIMUM POWER - MW		3750	0
3. INPUT PRODUCTION - MWD		3662	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	90.3
	KMWD	83.2	104.1
6. TIME OPER. EFF.	M-T-D	68.3	0
	30 DAY AVG.	78.9	22.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.3	-67.2
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.
9. ESTIMATED STARTUP TIME	DATE		10-21-70
	HOUR		1600
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 39
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.8	PRODUCED 0
	OUTLET	85.7	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		96.1	DAILY 0
			M-T-D 0

N- Primary pump assembly work continuing.

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0
			WPPSS	0
2. MAXIMUM POWER - MW		3790		0
3. INPUT PRODUCTION - MWD		3777		0
4. OUTAGE HOURS		0		24.0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	69.8		0
	30 DAY AVG.	78.9		22.2
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.2		-70.5
8. FACTOR LIMITING POWER LEVEL		N.E.		R.D.
9. ESTIMATED STARTUP TIME	DATE			10-22-70
	HOUR			0800
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / / / / / / / / / / / / /	
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	37
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.6	PRODUCED	0
	OUTLET	86.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105--N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.1	DAILY	0
			M-T-D	0

N- Startup in progress.

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AFTER FILL-IN

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 10-22-70 </div>				PAGE 116	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	500	
			WPPSS	0	
2. MAXIMUM POWER - MW		3800	700		
3. INPUT PRODUCTION - MWD		3798	74		
4. OUTAGE HOURS		0	18.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	71.2	1.1		
	30 DAY AVG.	78.9	16.4		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.1	-73.8		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		10-23-70		
	HOUR		0400		
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	45	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.3	PRODUCED	237	
	OUTLET	86.3	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.4	DAILY	0	
			M-T-D	0	

N- Reactor critical at 1013 hrs.. Scrammed at 1028 hrs. due to a flow monitor tripp. Resumed operation at 1519 hrs. and scrambled at 1705hrs. due to a manual tripp on # 6 unit drop to pony motor, due to air in header. Resumed operation at 1815 hrs. and scrambled at 2231 hrs. due to a low pressure tripp.

(12-8)(10-23-70)

Reactor resumed operation at 0433 hrs..

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AFTER [REDACTED] IN

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3200
			WPPSS	640
2. MAXIMUM POWER - MW		3800		2800
3. INPUT PRODUCTION - MWD		3800		1343
4. OUTAGE HOURS		0		4.5
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	72.4		4.6
	30 DAY AVG.	78.9		15.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.9		-75.8
8. FACTOR LIMITING POWER LEVEL		I.A.L.		N.E.
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0	<div></div>	
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	115
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.9	PRODUCED	4512
	OUTLET	86.5	EXPORTED	3909
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.0	DAILY	55.0x10 ⁵
			M-T-D	55.0x10 ⁵

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REACTOR OPERATIONS DAILY REPORT

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3700
			WPPSS	682
2. MAXIMLM POWER - MW		3800		3430
3. INPUT PRODUCTION - MWD		3800		3178
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	73.6		8.6
	30 DAY AVG.	78.9		15.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		40.1		-76.0
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	120
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.4	PRODUCED	11085
	OUTLET	86.2	EXPORTED	10119
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105--N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		95.2	DAILY	152.7x10 ⁵
			M-T-D	207.7x10 ⁵

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AFTER FILL-IN

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REACTOR OPERATIONS DAILY REPORT DATE 10-25-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	4000	
			WPPSS	826	
2. MAXIMUM POWER - MW		3800	3900		
3. INPUT PRODUCTION - MWD		3958	3919		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	74.7	12.3		
	30 DAY AVG.	78.9	15.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.4	-75.4		
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	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.1	PRODUCED	13520	
	OUTLET	86.1	EXPORTED	12382	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.2	DAILY	198.3x10 ⁵	
			M-T-D	406.0x10 ⁵	

NOTE:

Production figures show the one hour gained when returned to standard time.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	4000
			WPPSS	825
2. MAXIMUM POWER - MW		3800		4000
3. INPUT PRODUCTION - MWD		3800		3983
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	70.6		90.3
	KMWD	83.2		104.1
6. TIME OPER. EFF.	M-T-D	75.7		15.7
	30 DAY AVG.	79.0		15.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		42.5		-74.8
8. FACTOR LIMITING POWER LEVEL		I.A.L.		Admin.
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	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.8	PRODUCED	13678
	OUTLET	85.5	EXPORTED	12200
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.0	DAILY	198.4x10 ⁵
			M-T-D	604.4x10 ⁵

N- (10-27-70)

Reactor scrambled at 0733 hrs. due to a zone temperature monitor tripp. Estimated startup time undetermined.

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AFTER FILL-IN

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REACTOR OPERATIONS DAILY REPORT DATE 10-27-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3800	4000		
3. INPUT PRODUCTION - MWD		3800	1258		
4. OUTAGE HOURS		0	16.4		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	76.6	16.4		
	30 DAY AVG.	79.0	15.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.6	-76.9		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		10-28-70		
	HOUR		1200		
10. FUEL FAILURES- M-T-D	NAT.	0	[REDACTED]		
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	25	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.7	PRODUCED	4319	
	OUTLET	85.7	EXPORTED	4075	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.1	DAILY	63.6x10 ⁵	
			M-T-D	668.0x10 ⁵	

N- Miscellaneous maintenance continuing.

NOTE:

Line 4 on the 10-22-70 report should read 17.7 instead of 18.0.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 122	
REACTOR OPERATIONS DAILY REPORT DATE 10-28-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	N		
		3800	REACTOR		3000
			WPPSS		600
2. MAXIMUM POWER - MW		3800	0		
3. INPUT PRODUCTION - MWD		3800	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	77.5	15.8		
	30 DAY AVG.	79.0	15.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.7	-80.3		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		10-29-70		
	HOUR		0015		
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		20
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.4	PRODUCED		0
	OUTLET	85.4	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.9	DAILY		0
			M-T-D		668.0x10 ⁵

(12-8)
 N- Reactor resumed operation at 0015 hrs. 10-29-70.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 123	
REACTOR OPERATIONS DAILY REPORT DATE 10-29-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3200	
			WPPSS	678	
2. MAXIMUM POWER - MW		3800	3200		
3. INPUT PRODUCTION - MWD		3800	2355		
4. OUTAGE HOURS		0	.2		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	78.3	18.7		
	30 DAY AVG.	79.0	18.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.3	-81.3		
8. FACTOR LIMITING POWER LEVEL.		I.A.L.	N.F.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	113	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.3	PRODUCED	8077	
	OUTLET	85.3	EXPORTED	7133	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.2	DAILY	106.0x10 ⁵	
			M-T-D	774.0x10 ⁵	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> </div>				DUN- 7038 PAGE 124	
REACTOR OPERATIONS DAILY REPORT DATE 10-30-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR		3724
			WPPSS		804
2. MAXIMUM POWER - MW		3800	3600		
3. INPUT PRODUCTION - MWD		3800	3407		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	79.0	21.4		
	30 DAY AVG.	79.0	21.4		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		47.0	-81.2		
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	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	118	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.1	PRODUCED	11686	
	OUTLET	85.1	EXPORTED	10425	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.0	DAILY	169.8X10 ⁵	
			M-T-D	943.8X10 ⁵	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] L-IN</div> </div>				DUN- 7038 PAGE 125	
REACTOR OPERATIONS DAILY REPORT DATE 10-31-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3800	3735		
3. INPUT PRODUCTION - MWD		3800	3706		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	90.3		
	KMWD	83.2	104.1		
6. TIME OPER. EFF.	M-T-D	79.7	24.0		
	30 DAY AVG.	79.0	24.6		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		48.0	-80.9		
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	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.2	PRODUCED	12711	
	OUTLET	85.1	EXPORTED	11340	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		94.5	DAILY	194.7X10 ⁵	
			M-T-D	1148.5X10 ⁷	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038 PAGE 126	
REACTOR OPERATIONS DAILY REPORT DATE 11-1-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	1000	
			WPPSS	40	
2. MAXIMUM POWER - MW		3800	3735		
3. INPUT PRODUCTION - MWD		3800	737		
4. OUTAGE HOURS		0	18.8		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	100.0	21.7		
	30 DAY AVG.	79.0	25.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		41.1	-2.1		
8. FACTOR LIMITING POWER LEVEL		I.A.L.	N.E.		
9. ESTIMATED STARTUP TIME	DATE		11-2-70		
	HOUR		0100		
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.1	PRODUCED	2505	
	OUTLET	85.1	EXPORTED	2255	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY	37.5X10 ⁵	
			M-T-D	37.5X10 ⁵	

N- Reactor went down at 0510 hrs. 11-1-70 due to a flux monitor trip on a ball circuit.

(12-8)(11-2-70)

Reactor resumed operation at 0053 hrs.

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██████████
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 11-2-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3300
			WPPSS	685
2. MAXIMUM POWER - MW		3800		3200
3. INPUT PRODUCTION - MWD		2507		2108
4. OUTAGE HOURS		8.0		9.9
5. FORECAST FOR MONTH	TOE	70.6		60.0
	KMWD	80.4		67.0
6. TIME OPER. EFF.	M-T-D	85.3		59.0
	30 DAY AVG.	77.8		28.6
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		40.9		-1.6
8. FACTOR LIMITING POWER LEVEL		R.D.		N.E.
9. ESTIMATED STARTUP TIME	DATE	11-9-70		
	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.	115
12. WATER TEMPERATURE AT 2330 HOURS	INLET	74.1	PRODUCED	7230
	OUTLET	C.U.	EXPORTED	6197
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.4	105--N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		94.8	DAILY	94.1X10 ⁵
			M-T-D	131.6X10 ⁷

KE- The reactor was shutdown at 1600 hrs. for a
scheduled outage.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 128	
REACTOR OPERATIONS DAILY REPORT DATE 11-3-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735	
			WPPSS	800	
2. MAXIMUM POWER - MW		0	3600		
3. INPUT PRODUCTION - MWD		0	3383		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	55.6	72.6		
	30 DAY AVG.	74.5	32.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-1.7	-0.5		
8. FACTOR LIMITING POWER LEVEL		R.D.	N.E.		
9. ESTIMATED STARTUP TIME	DATE	11-9-70			
	HOUR	1600			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.2	PRODUCED	11955	
	OUTLET	16.0	EXPORTED	10935	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		37.6	DAILY	169.5X10 ⁵	
			M-T-D	301.1X10 ⁵	

KE- Charge discharge and miscellaneous maintenance
in progress.

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SECRET
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 11-4-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735
			WPPSS	800
2. MAXIMUM POWER - MW		0		3735
3. INPUT PRODUCTION - MWD		0		3721
4. OUTAGE HOURS		24.0		0
5. FORECAST FOR MONTH	TOE	70.6		60.0
	KMWD	80.4		67.0
6. TIME OPER. EFF.	M-T-D	41.7		79.5
	30 DAY AVG.	71.1		35.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.4		41.0
8. FACTOR LIMITING POWER LEVEL		R.D.		Admin.
9. ESTIMATED STARTUP TIME	DATE	11-9-70		
	HOUR	1600		
10. FUEL FAILURES- M-T-D	NAT.	0		
	ENR.	0		0
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	14.0	PRODUCED	12763
	OUTLET	C.U.	EXPORTED	11386
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		18.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		37.6	DAILY	1914.6X10 ⁵
			M-T-D	497.7X10 ⁵

KE- Charge-discharge is 41% complete.

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AFTER FILL-IN

SECRET
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT				DUN- 7038
DATE 11-5-70			PAGE 130	
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735
			WPPSS	800
2. MAXIMUM POWER - MW		0	3735	
3. INPUT PRODUCTION - MWD		0	3735	
4. OUTAGE HOURS		24.0	0	
5. FORECAST FOR MONTH	TOE	70.6	60.0	
	KMWD	80.4	67.0	
6. TIME OPER. EFF.	M-T-D	33.3	83.6	
	30 DAY AVG.	67.8	38.6	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.1	42.5	
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.	
9. ESTIMATED STARTUP TIME	DATE	11-9-70		
	HOUR	1600		
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / /	
	ENR.	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.0	PRODUCED	13611
	OUTLET	C.U.	EXPORTED	12511
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		17.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		39.2	DAILY	195.4X10 ⁵
			M-T-D	693.1X10 ⁵

KE- Charging is 64% complete. Miscellaneous maintenance
also in progress.

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SECRET
AFTER FILL-IN

<div style="border: 1px solid black; display: inline-block; padding: 2px;">REACTOR OPERATIONS DAILY REPORT</div>				DUN-7038 PAGE 131
		DATE	11-6-70	
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735
			WPPSS	803
2. MAXIMUM POWER - MW		0	3735	
3. INPUT PRODUCTION - MWD		0	3735	
4. OUTAGE HOURS		24.0	0	
5. FORECAST FOR MONTH	TOE	70.6	60.0	
	KMWD	80.4	67.0	
6. TIME OPER. EFF.	M-T-D	27.8	86.3	
	30 DAY AVG.	64.5	42.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.8	4.0	
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.	
9. ESTIMATED STARTUP TIME	DATE	11-9-70		
	HOUR	1600		
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / /	
	ENR.	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.2	PRODUCED	13626
	OUTLET	C.U.	EXPORTED	12486
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		17.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		39.2	DAILY	195.7X10 ⁵
			M-T-D	886.8X10 ⁵

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 11-7-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735
			WPPSS	805
2. MAXIMUM POWER - MW		0		3735
3. INPUT PRODUCTION - MWD		0		3735
4. OUTAGE HOURS		24.0		0
5. FORECAST FOR MONTH	TOE	70.6		60.0
	KMWD	80.4		67.0
6. TIME OPER. EFF.	M-T-D	23.8		88.3
	30 DAY AVG.	61.2		45.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.5		45.5
8. FACTOR LIMITING POWER LEVEL		R.D.		Admin.
9. ESTIMATED STARTUP TIME	DATE	11-9-70		
	HOUR	1600		
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / / / / / / / / / / / / /	
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.1	PRODUCED	13626
	OUTLET	C.U.	EXPORTED	12486
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		16.9	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		38.4	DAILY	195.5X10 ⁵
			M-T-D	1032.3X10 ⁵

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 11-8-70 </div>				PAGE 133	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3735	
			WPPSS	805	
2. MAXIMUM POWER - MW		0	3735		
3. INPUT PRODUCTION - MWD		0	3735		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	20.8	89.7		
	30 DAY AVG.	57.8	48.6		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.1	47.0		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	11-9-70			
	HOURL	1600			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	13.0	PRODUCED	13626	
	OUTLET	13.6	EXPORTED	12527	
13. REACTOR WATER FLOW RATE AT 2330 - GPM + 1000		55.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		90.4	DAILY	105.6X10 ⁵	
			M-T-D	1277.9X10 ⁵	

KE- (8-4)(11-9-70)

Startup preparations are in progress.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 134	
REACTOR OPERATIONS DAILY REPORT DATE 11-9-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3100	REACTOR	3735	
			WPPSS	806	
2. MAXIMUM POWER - MW		0	3735		
3. INPUT PRODUCTION - MWD		0	3735		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	18.5	90.9		
	30 DAY AVG.	54.5	51.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-17.8	48.5		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
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	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	12.1	PRODUCED	13013	
	OUTLET	12.8	EXPORTED	11900	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		186.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY	196.2X10 ⁵	
			M-T-D	1474.1X10 ⁵	

KE- (12-8)(11-10-70)

Reactor resumed operation at 0219 hrs..

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> </div>				DUN- 7038 PAGE 135	
REACTOR OPERATIONS DAILY REPORT DATE 11-10-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3410	REACTOR		3735
			WPPSS		806
2. MAXIMUM POWER - MW		3360	3735		
3. INPUT PRODUCTION - MWD		2718	3735		
4. OUTAGE HOURS		2.3	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	25.7	91.8		
	30 DAY AVG.	55.3	55.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-17.8	410.0		
8. FACTOR LIMITING POWER LEVEL		N.E.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0	[REDACTED]		
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		130
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	12.0	PRODUCED		13013
	OUTLET	75.0	EXPORTED		11870
13. REACTOR WATER FLOW RATE AT 2330 - GPM ± 1000		201.0	105--N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY		105.4X10 ³
			M-T-D		1660.5X10 ³

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] FILL-IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>11-11-70</u> </div>				PAGE 136	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3710	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3630	3735		
3. INPUT PRODUCTION - MWD		3469	2707		
4. OUTAGE HOURS		0	6.3		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	32.5	90.2		
	30 DAY AVG.	58.6	57.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-17.0	410.5		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	11-13-70			
	HOUR	2000			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	25	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	12.0	PRODUCED	9881	
	OUTLET	80.8	EXPORTED	9050	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND	96.1	DAILY	141.3X10 ⁵		
		M-T-D	1810.8X10 ⁵		

N- Reactor was shut down at 1742 hrs. due to a negative ground on a safety circuit caused by a faulty solenoid on HCR # 75.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 11-12-70 </div>				PAGE 137	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3780	0		
3. INPUT PRODUCTION - MWD		3729	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	80.4		
6. TIME OPER. EFF.		M-T-D	38.1		
		30 DAY AVG.	62.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.9	48.3		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME		DATE	11-13-70		
		HOUR	1000		
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	12.1		
		OUTLET	83.5		
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.0	DAILY	0	
			M-T-D	1810.8X10 ⁵	
<p>N- Miscellaneous maintenance progressing.</p> <p>11-13-70</p> <p>Startup preparations in progress.</p>					

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>11-13-70</u> </div>				PAGE 138	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3000	
			WPPSS	500	
2. MAXIMUM POWER - MW		3800	500		
3. INPUT PRODUCTION - MWD		3793	25		
4. OUTAGE HOURS		0	21.1		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	42.9	77.2		
	30 DAY AVG.	65.3	58.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.8	46.0		
8. FACTOR LIMITING POWER LEVEL		A.L.	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	0	MSH PSIG	100	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	12.0	PRODUCED	80	
	OUTLET	84.0	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		107.3	DAILY	0	
			M-T-D	1810.8x10 ⁵	

N- Reactor resumed operation at 2108 hrs.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 11-14-70 </div>				PAGE 139	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3350	
			WPPSS	680	
2. MAXIMUM POWER - MW		3800	3350		
3. INPUT PRODUCTION - MWD		3800	2644		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	46.9	78.8		
	30 DAY AVG.	68.6	61.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.7	46.5		
8. FACTOR LIMITING POWER LEVEL		A.L.	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	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	11.8	PRODUCED	1916	
	OUTLET	83.8	EXPORTED	733	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		106.0	DAILY	117.3 ⁵ 102	
			M-T-D	1928.1 ⁵ 107	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 140	
REACTOR OPERATIONS DAILY REPORT DATE 11-15-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3700	
			WPPSS	750	
2. MAXIMUM POWER - MW		3800	3600		
3. INPUT PRODUCTION - MWD		3800	3379		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	50.5	80.3		
	30 DAY AVG.	72.0	64.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.6	-7.6		
8. FACTOR LIMITING POWER LEVEL		A.L.	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	0	MSP PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	11.8	PRODUCED	11591	
	OUTLET	83.7	EXPORTED	10537	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.1	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		105.5	DAILY	164.8 x 10 ⁵	
			M-T-D	2092.9 x 10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE 11-16-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	N		
		3800	REACTOR	3800	
			WPPSS	800	
2. MAXIMUM POWER - MW		3800	3800		
3. INPUT PRODUCTION - MWD		3800	3700		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	53.6	81.5		
	30 DAY AVG.	75.3	68.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.5	49.1		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	12.0	PRODUCED	12802	
	OUTLET	83.8	EXPORTED	11800	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY	187.0X10 ³	
			M-T-D	2279.0X10 ³	

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<div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div>				DUN- 7038
REACTOR OPERATIONS DAILY REPORT DATE <u>11-17-70</u>				PAGE 142
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	3800
			WPPSS	800
2. MAXIMUM POWER - MW		3800	3800	
3. INPUT PRODUCTION - MWD		3800	3800	
4. OUTAGE HOURS		0	0	
5. FORECAST FOR MONTH	TOE	70.6	60.0	
	KMWD	80.4	67.0	
6. TIME OPER. EFF.	M-T-D	56.3	82.6	
	30 DAY AVG.	75.3	71.4	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.3	-10.6	
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.	
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / / / / / / / / / / / / /	
	ENR.	0	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	11.6	PRODUCED	13091
	OUTLET	83.6	EXPORTED	12220
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.8	DAILY	197.2x10 ⁵
			M-T-D	2477.5x10 ⁵

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>11-18-70</u> </div>				PAGE 143	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3815	REACTOR	3800	
			WPPSS	800	
2. MAXIMUM POWER - MW		3805	3800		
3. INPUT PRODUCTION - MWD		3803	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	58.7	83.5		
	30 DAY AVG.	75.3	74.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.2	-12.2		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	11.0	PRODUCED	13087	
	OUTLET	83.2	EXPORTED	12659	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	197.8x10 ⁵	
			M-T-D	2674.9x10 ⁵	

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 11-19-70 </div>				PAGE 144	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3840	REACTOR	3800	
			WPPSS	812	
2. MAXIMUM POWER - MW		3830	3800		
3. INPUT PRODUCTION - MWD		3821	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	60.9	84.4		
	30 DAY AVG.	75.3	78.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.0	413.8		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	11.0	PRODUCED	13089	
	OUTLET	83.5	EXPORTED	11950	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	197.0X10 ⁵	
			M-T-D	2871.9X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE 11-20-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3875	REACTOR	3800	
			WPPSS	810	
2. MAXIMUM POWER - MW		3870	3800		
3. INPUT PRODUCTION - MWD		3851	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	62.9	85.2		
	30 DAY AVG.	75.3	81.4		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-6.9	15.4		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	10.6	PRODUCED	13072	
	OUTLET	83.9	EXPORTED	12070	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	197.4X10 ⁵	
			M-T-D	3069.3X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE <u>11-21-70</u>				PAGE 146	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3910	REACTOR	3800	
			WPPSS	812	
2. MAXIMUM POWER - MW		3900	3800		
3. INPUT PRODUCTION - MWD		3885	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	64.6	85.9		
	30 DAY AVG.	75.3	83.4		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.7	16.9		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
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	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	9.9	PRODUCED	13076	
	OUTLET	83.7	EXPORTED	11950	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	197.8X10 ⁵	
			M-T-D	3267.1X10 ⁵	

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<div style="text-align: center;"> </div>				DUN-7038 PAGE 147	
REACTOR OPERATIONS DAILY REPORT DATE 11-22-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3930	REACTOR	3800	
			WPPSS	815	
2. MAXIMUM POWER - MW		3930	3800		
3. INPUT PRODUCTION - MWD		3917	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	66.2	86.5		
	30 DAY AVG.	75.3	84.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.5	18.5		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	9.0	PRODUCED	13076	
	OUTLET	83.6	EXPORTED	11700	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	198.3X10 ⁵	
			M-T-D	3465.4X10 ⁵	

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		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3935	REACTOR	3800	
			WPPSS	816	
2. MAXIMUM POWER - MW		3935	3800		
3. INPUT PRODUCTION - MWD		3933	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	67.7	87.1		
	30 DAY AVG.	75.3	84.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.2	420.0		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	9.0	PRODUCED	13076	
	OUTLET	83.6	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.4	DAILY	197.3X10 ⁵	
			M-T-D	3662.7X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE 11-24-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3940	REACTOR	3800	
			WPPSS	816	
2. MAXIMUM POWER - MW		3935	3800		
3. INPUT PRODUCTION - MWE		3935	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	69.0	87.7		
	30 DAY AVG.	75.3	84.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.0	21.6		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	9.2	PRODUCED	13063	
	OUTLET	83.8	EXPORTED	12013	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.1	DAILY	198.2X10 ⁵	
			M-T-D	3860.9X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT

DATE 11-25-70

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3950	REACTOR 3800
			WPPSS 813
2. MAXIMUM POWER - MW		3950	3800
3. INPUT PRODUCTION - MWD		3945	3800
4. OUTAGE HOURS		0	0
5. FORECAST FOR MONTH	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		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 TEMPERATURE AT 2330 HOURS	INLET	9.1	PRODUCED 13,076
	OUTLET	84.0	EXPORTED 11,900
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		976.0	DAILY 197.9 X 10 ⁵
			M-T-D 4053.8 X 10 ⁵

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AFTER FILL-IN

<div style="display: inline-block; width: 150px; height: 20px; background-color: black; margin-bottom: 5px;"></div> REACTOR OPERATIONS DAILY REPORT				DUN-
DATE <u>11-26-70</u>				7038
				PAGE 151
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW	KE	REACTOR	N	3300
	3960	WPPSS		814
2. MAXIMUM POWER - MW	3960	3800		
3. INPUT PRODUCTION - MWD	3951	3800		
4. OUTAGE HOURS	0	0		
5. FORECAST FOR MONTH	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	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 TEMPERATURE AT 2330 HOURS	INLET	9.0	PRODUCED	13,091
	OUTLET	84.0	EXPORTED	12,000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000	201.5		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND	984.0		DAILY	197.4X10 ⁵
			M-T-D	4256.2X10 ⁵

REACTOR OPERATIONS

AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 11-27-70

DUN- 7038
PAGE 152

		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3960	REACTOR	3800
			WPPSS	310
2. MAXIMUM POWER - MW		3960		3800
3. INPUT PRODUCTION - MWD		3960		3800
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	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		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 TEMPERATURE AT 2330 HOURS	INLET	8.8	PRODUCED	13,034
	OUTLET	83.7	EXPORTED	12,000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		976.0	DAILY	198.1X10 ⁵
			M-T-D	454.3X10 ⁵

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AFTER FILL-IN

<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] IN</div> REACTOR OPERATIONS DAILY REPORT DATE <u>11-28-70</u>				DUN- 7038 PAGE 153	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3980	REACTOR		3800
			WPPSS		810
2. MAXIMUM POWER - MW		3970	3800		
3. INPUT PRODUCTION - MWD		3901	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH		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		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	
		V.S.		130	
12. WATER TEMPERATURE AT 2330 HOURS		INLET		PRODUCED	
		8.4		13,034	
		OUTLET		EXPORTED	
		83.7		11,899	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		976.0		DAILY	
				106.8X10 ⁵	
				M-T-D	
				4651.1X10 ⁵	

[REDACTED]

 AFTER FILL-IN

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>11-29-70</u> </div>				PAGE 154	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3800	
			WPPSS	810	
2. MAXIMUM POWER - MW		3990	3800		
3. INPUT PRODUCTION - MWD		3983	3800		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	60.0		
	KMWD	80.4	67.0		
6. TIME OPER. EFF.	M-T-D	74.4	89.8		
	30 DAY AVG.	75.2	90.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		44.4	429.5		
8. FACTOR LIMITING POWER LEVEL		A.L.	Adm.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	8.0	PRODUCED	13,034	
	OUTLET	83.7	EXPORTED	11.899	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		976.0	DAILY	198.4 X 10 ⁵	
			M-T-D	4349.5 X 10 ⁵	

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[REDACTED]
 AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT DATE <u>11-30-70</u>				DUN- 7038 PAGE 155
		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3800
			WPPSS	810
2. MAXIMUM POWER - MW		4000	3800	
3. INPUT PRODUCTION - MWD		3999	3800	
4. OUTAGE HOURS		0	0	
5. FORECAST FOR MONTH	TOE	70.6	60.0	
	KMWD	80.4	67.0	
6. TIME OPER. EFF.	M-T-D	75.2	90.1	
	30 DAY AVG.	75.2	90.1	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.8	431.0	
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.	
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES- M-T-D	NAT.	0	0	
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	7.8	PRODUCED	1300
	OUTLET	83.6	EXPORTED	11899
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.4	DAILY	198.6X10 ⁵
			M-T-D	5048.1X10 ⁵

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[REDACTED]
 AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> <div style="margin-left: 10px;">AFTER FILL-IN</div> </div>				DUN-- 7038 PAGE 156	
REACTOR OPERATIONS DAILY REPORT DATE 12-1-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3800	
			WPPSS	810	
2. MAXIMUM POWER - MW		4000	3800		
3. INPUT PRODUCTION - MWD		2639	3800		
4. OUTAGE HOURS		8.0	0		
5. FORECAST FOR MONTH		TOE	70.6		
		KMWD	83.2		
6. TIME OPER. EFF.		M-T-D	66.7		
		30 DAY AVG.	74.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.4	100.0		
8. FACTOR LIMITING POWER LEVEL		R.D.	92.7		
9. ESTIMATED STARTUP TIME		DATE 12-8-70	Admin.		
		HOUR 2000			
10. FUEL FAILURES-M-T-D		NAT. 0			
		ENR. 0	0		
11. WATER LEAKS - M-T-D		TUBE 0	MSH PSIG	130	
		V.S. 0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS		INLET 8.1	PRODUCED	13034	
		OUTLET C.U.	EXPORTED	11899	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.1	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	199.1x10 ⁵	
			M-T-D	199.1x10 ⁵	

KE- Reactor shut down at 1600 hrs. for a scheduled outage.
 Charge-discharge and scheduled work in progress.
 Estimated startup time is 2000 hrs. 12-8-70.

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REACTOR OPERATIONS DAILY REPORT DATE 12-2-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		N	
		0	REACTOR		3800
			WPPSS		810
2. MAXIMUM POWER - MW		0	3800		
3. INPUT PRODUCTION - MWD		0	3800		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	33.3	100.0		
	30 DAY AVG.	71.9	92.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.7	41.4		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	12-8-70			
	HOUR	2000			
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	8.9	PRODUCED	13034	
	OUTLET	C.U.	EXPORTED	11994	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		39.2	DAILY	198.6X10 ⁵	
			M-T-D	397.7X10 ⁵	

KE- Charge-discharge and other outage work progressing on schedule.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 158	
REACTOR OPERATIONS DAILY REPORT DATE 12-3-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		N	
		0		REACTOR	3800
				WPPSS	810
2. MAXIMUM POWER - MW		0		3800	
3. INPUT PRODUCTION - MWD		0		3800	
4. OUTAGE HOURS		24.0		0	
5. FORECAST FOR MONTH	TOE	70.6		83.9	
	KMWD	83.2		96.8	
6. TIME OPER. EFF.	M-T-D	22.2		100.0	
	30 DAY AVG.	71.9		92.9	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.4		12.0	
8. FACTOR LIMITING POWER LEVEL		R.D.		Admin.	
9. ESTIMATED STARTUP TIME	DATE	12-8-70			
	HOUR	2000			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	130
	V.S.	0		NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	8.0		PRODUCED	13034
	OUTLET	C.U.		EXPORTED	11994
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.8		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		40.8		DAILY	198.7X10 ⁵
				M-T-D	596.4X10 ⁵

KE- Charge-discharge is 23.8% complete.
 Miscellaneous maintenance also in progress.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 12-4-70 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3800	
			WPPSS	810	
2. MAXIMUM POWER - MW		0	3800		
3. INPUT PRODUCTION - MWD		0	3800		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	16.7	100.0		
	30 DAY AVG.	71.9	92.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.1	2.7		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	12-8-70			
	HOUR	2000			
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	7.9	PRODUCED	13184	
	OUTLET	C.U.	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.8	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		40.8	DAILY	199.1X10 ⁵	
			M-T-D	795.5X10 ⁵	

KE- Charge-discharge and maintenance in progress.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038 PAGE 160	
REACTOR OPERATIONS DAILY REPORT DATE 12-5-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		0	3800		
3. INPUT PRODUCTION - MWD		0	3800		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	13.3	100.0		
	30 DAY AVG.	71.9	92.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-10.8	43.4		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	12-8-70			
	HOUR	2000			
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	130	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	7.8	PRODUCED	13184	
	OUTLET	C.U.	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.6	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		44.0	DAILY	199.3X10 ⁵	
			M-T-D	994.8X10 ⁵	

KE- Charging 61% complete.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> REACTOR OPERATIONS DAILY REPORT </div>				DUN- 7038 PAGE 161	
DATE 12-6-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		0	3800		
3. INPUT PRODUCTION - MWD		0	83		
4. OUTAGE HOURS		24.0	23.05		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	11.1	84.0		
	30 DAY AVG.	71.9	89.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.5	40.3		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-8-70	12-18-70		
	HOUR	2000			
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	8.0	PRODUCED	267	
	OUTLET	C.U.	EXPORTED	122	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.6	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		41.6	DAILY	2.7X10 ⁵	
			M-T-D	997.5X10 ⁵	

KE- Charging 86% complete.

N - Reactor shut down at 0057 hrs. for a scheduled outage.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038 PAGE 162	
REACTOR OPERATIONS DAILY REPORT DATE 12-7-70					
		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	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	9.1	72.0		
	30 DAY AVG.	71.9	86.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-16.1	-2.8		
8. FACTOR LIMITING POWER LEVEL		R.D.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-8-70	12-18-70		
	HOUR	2000			
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	8.9	PRODUCED	0	
	OUTLET	C.U.	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		16.7	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		77.6	DAILY	0	
			M-T-D	997.5x10 ⁵	

KE- Charge-discharge completed. Startup preparations in progress.

N- Scheduled work in progress.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 163	
REACTOR OPERATIONS DAILY REPORT DATE 12-8-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	N		
		3100	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		180	0		
3. INPUT PRODUCTION - MWD		1	0		
4. OUTAGE HOURS		23.4	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M - D	8.6	63.0		
	30 DAY AVG.	72.0	83.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-18.8	-5.9		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-18-70			
	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	7.1	PRODUCED	0	
	OUTLET	9.3	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		185.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		87.3	DAILY	0	
			M-T-D	997.5x10 ⁵	

KE- Reactor started up at 2218 hrs.. Scrammed at 2252 hrs. from a low panellit trip on tube 2977. Reactor resumed operation at 2358 hrs..

N- Scheduled work in progress.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> </div>				DUN- 7038 PAGE 164	
REACTOR OPERATIONS DAILY REPORT DATE 12-9-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3725	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3675	0		
3. INPUT PRODUCTION - MWD		3034	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	18.8	56.0		
	30 DAY AVG.	75.3	79.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-18.5	-9.2		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-18-70			
	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	7.0	PRODUCED	0	
	OUTLET	76.5	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		89.2	DAILY	0	
			M-T-D	997.5X10 ⁵	

N- Scheduled work in progress.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 12-10-70 </div>				PAGE 165	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3775	0		
3. INPUT PRODUCTION - MWD		3718	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPEP. EFF.	M-T-D	26.9	50.4		
	30 DAY AVG.	75.6	76.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-17.4	-12.1		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		12-18-70		
	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	7.4	PRODUCED	0	
	OUTLET	78.5	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.3	DAILY	0	
			M-T-D	997.5X10 ⁵	
N- Scheduled work is in progress.					

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REACTOR OPERATIONS DAILY REPORT

DATE 12-11-70

DUN-7038

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR 0
			WPPSS 0
2. MAXIMUM POWER - MW		3800	0
3. INPUT PRODUCTION - MWD		3795	0
4. OUTAGE HOURS		0	24.0
5. FORECAST FOR MONTH	TOE	70.6	83.9
	KMWD	83.2	96.8
6. TIME OPER. EFF.	M-T-D	33.6	45.8
	30 DAY AVG.	75.6	73.9
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-16.3	-15.3
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.
9. ESTIMATED STARTUP TIME	DATE		12-18-70
	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	7.2	PRODUCED 0
	OUTLET	79.1	EXPORTED 0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		108.5	DAILY 0
			M-T-D 997.5X10 ⁵

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">A [REDACTED] IN</div> </div>				DUN- 7038 PAGE 167	
REACTOR OPERATIONS DAILY REPORT DATE 12-12-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3800	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3800	0		
3. INPUT PRODUCTION - MWD		3800	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	39.1	42.0		
	30 DAY AVG.	75.6	73.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.2	-18.4		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-18-70			
	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	7.2	PRODUCED	0	
	OUTLET	79.0	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		108.0	DAILY	0	
			M-T-D	997.5X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE 12-13-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3820	REACTOR		0
			WPPSS		0
2. MAXIMUM POWER - MW		3810	0		
3. INPUT PRODUCTION - MWD		3802	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	43.8	38.8		
	30 DAY AVG.	75.6	73.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.1	-21.5		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		12-18-70		
	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	6.9	PRODUCED		0
	OUTLET	79.0	EXPORTED		0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		107.4	DAILY		0
			M-T-D		997.5X10 ⁵

N- Charge-discharge and miscellaneous maintenance is in progress.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>12-14-70</u> </div>				PAGE 169	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3835	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3835	0		
3. INPUT PRODUCTION - MWD		3823	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	47.8	36.0		
	30 DAY AVG.	75.6	70.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.0	-24.6		
8. FACTOR LIMITING POWER LEVEL		N.E.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		12-18-70		
	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	6.9	PRODUCED	0	
	OUTLET	79.2	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		200.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.7	DAILY	0	
			M-T-D	997.5x10 ⁵	

N- Charge-discharge and miscellaneous maintenance continuing.

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REACTOR OPERATIONS DAILY REPORT DATE 12-15-70				PAGE 170	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3835	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3835	0		
3. INPUT PRODUCTION - MWD		3835	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	51.3	33.6		
	30 DAY AVG.	75.6	66.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.8	-27.8		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		12-18-70		
	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	6.9	PRODUCED	0	
	OUTLET	79.1	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.7	DAILY	0	
			M-T-D	997.5X10 ⁵	

N- Charge-discharge and miscellaneous maintenance continuing.

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REACTOR OPERATIONS DAILY REPORT DATE 12-16-70					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	3835	REACTOR	N 0
				WPPSS	0
2. MAXIMUM POWER - MW			3835		0
3. INPUT PRODUCTION - MWD			3835		0
4. OUTAGE HOURS			0		24.0
5. FORECAST FOR MONTH	TOE		70.6		83.9
	KMWD		83.2		96.8
6. TIME OPER. EFF.	M-T-D		54.3		31.5
	30 DAY AVG.		75.6		63.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD			-10.7		-30.9
8. FACTOR LIMITING POWER LEVEL			A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE				12-18-70
	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		6.9	PRODUCED	0
	OUTLET		79.3	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000			201.5	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND			99.3	DAILY	0
				M-T-D	997.5x10 ⁵

N- Charge-discharge completed. Miscellaneous maintenance is continuing.

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 12-17-70 </div>					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE	3835	REACTOR	0
				WPPSS	0
2. MAXIMUM POWER - MW			3835		0
3. INPUT PRODUCTION - MWD			3835		0
4. OUTAGE HOURS			0		24.0
5. FORECAST FOR MONTH	TOE		70.6		83.9
	KMWD		83.2		96.8
6. TIME OPER. EFF.	M-T-D		57.0		29.7
	30 DAY AVG.		75.6		60.1
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD			-9.5		-34.0
8. FACTOR LIMITING POWER LEVEL			A.L.		R.D.
9. ESTIMATED STARTUP TIME	DATE				12-19-70
	HOUR				0800
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		6.9	PRODUCED	0
	OUTLET		79.2	EXPORTED	0
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000			201.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND			96.9	DAILY	0
				M-T-D	997.5 x 10 ⁵

N- Miscellaneous maintenance is continuing.

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<div style="border: 1px solid black; display: inline-block; padding: 2px;"> AFTER FILL-IN </div>				DUN-7038	
REACTOR OPERATIONS DAILY REPORT				PAGE 173	
DATE 12-18-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3865	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3855	0		
3. INPUT PRODUCTION - MWD		3843	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	59.4	28.0		
	30 DAY AVG.	75.6	56.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.4	-37.1		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-21-70			
	HOUR	0300			
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	6.8	PRODUCED	0	
	OUTLET	79.5	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.9	DAILY	0	
			M-T-D	997.5x10 ⁵	

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		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3895	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3885		0	
3. INPUT PRODUCTION - MWD		3872		0	
4. OUTAGE HOURS		0		24.0	
5. FORECAST FOR MONTH	TOE	70.6		83.9	
	KMWD	83.2		96.8	
6. TIME OPER. EFF.	M-T-D	61.5		26.5	
	30 DAY AVG.	75.6		53.5	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.2		-40.3	
8. FACTOR LIMITING POWER LEVEL		A.L.		R.D.	
9. ESTIMATED STARTUP TIME	DATE		12-21-70		
	HOUR		0300		
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	6.9	PRODUCED	0	
	OUTLET	80.2	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.7	DAILY	0	
			M-T-D	997.5X10 ⁵	

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REACTOR OPERATIONS DAILY REPORT DATE 12-20-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3920	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3910	0		
3. INPUT PRODUCTION - MWD		3900	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	63.5	25.2		
	30 DAY AVG.	75.6	50.1		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.9	-43.4		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE	12-21-70			
	HOUR	0300			
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	6.6	PRODUCED	0	
	OUTLET	80.4	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		95.9	DAILY	0	
			M-T-D	997.5x10 ⁵	

N- (12-8)(12-21-70)

Reactor started up at 0255hrs. and shut down at 0735 hrs. due to R.T.D. problems. Estimated startup undetermined at this time.

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REACTOR OPERATIONS DAILY REPORT				PAGE 176	
DATE 12-21-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3940	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3930	500		
3. INPUT PRODUCTION - MWD		3924	131		
4. OUTAGE HOURS		0	13.9		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	65.2	26.0		
	30 DAY AVG.	75.6	48.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.7	-46.4		
8. FACTOR LIMITING POWER LEVEL		A.L.	N.E.		
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	MSH PSIG	90	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.5	PRODUCED	421	
	OUTLET	80.7	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105--N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.4	DAILY	0	
			M-T-D	997.5x10 ⁵	
<p>N- Reactor started up at 0255 hrs. and was shut down at 0735 hrs. due to R.T.D. problems. Resumed operation at 1834 hrs. (12-8)(12-22-70)</p> <p>Reactor shut down at 0549 hrs. due to a high pressure trip on tube 1744. Estimated startup undetermined at this time.</p>					

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<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 12-22-70 </div>				PAGE 177	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		N	
		3965		REACTOR	3200
				WPPSS	690
2. MAXIMUM POWER - MW		3955		3000	
3. INPUT PRODUCTION - MWD		3946		738	
4. OUTAGE HOURS		0		10.2	
5. FORECAST FOR MONTH	TOE	70.6		83.9	
	KMWD	83.2		96.8	
6. TIME OPER. EFF.	M-T-D	66.8		27.4	
	30 DAY AVG.	75.6		46.8	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.4		-48.8	
8. FACTOR LIMITING POWER LEVEL		A.L.		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	0		MSH PSIG	119
	V.S.	0		NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOUR:	INLET	6.1		PRODUCED	2367
	OUTLET	80.8		EXPORTED	356
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.5		DAILY	11.0X10 ⁵
				M-T-D	1008.5X10 ⁵

N- Reactor shut down at 0549 hrs. due to a high pressure trip on tube 1744. Reactor resumed operation at 1602 hrs.

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REACTOR OPERATIONS DAILY REPORT DATE 12-23-70					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3995	REACTOR	3400	
			WPPSS	740	
2. MAXIMUM POWER - MW		3985	3200		
3. INPUT PRODUCTION - MWD		3972	3165		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	68.2	30.6		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.2	-48.7		
8. FACTOR LIMITING POWER LEVEL		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	0	
	V.S.		NUCLEAR STEAM MLBS./HR.	125	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	10792	
	OUTLET	81.3	EXPORTED	9742	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.2	DAILY	161.8X10 ⁵	
			M-T-D	1170.3X10 ⁵	

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<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] IN</div>				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>12-24-70</u>				PAGE 179	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	810	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		3997	3499		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	69.5	33.5		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.8	-48.3		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.		/ / / / /		
	ENR.		0		
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	127	
	V. S.		NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	12051	
	OUTLET	81.5	EXPORTED	10700	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		100.0	DAILY	185.1X10 ⁵	
			M-T-D	1355.4X10 ⁵	

RECEIVED

<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] N</div> REACTOR OPERATIONS DAILY REPORT DATE <u>12-25-70</u>				DUN-7038 PAGE 180	
		KE	N		
1. POWER LEVEL AT 0600 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	70.8	36.2		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		40.5	-47.7		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.		0		
	ENR.				
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	127	
	V.S.		NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	13050	
	OUTLET	81.5	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.2	DAILY	195.7X10 ⁵	
			M-T-D	1551.1X10 ⁵	

REPLACED

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 181	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 12-26-70 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	71.9	38.6		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		1.8	-47.0		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.				
	ENR.		0		
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	127	
	V.S.		NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.9	PRODUCED	13050	
	OUTLET	81.3	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	195.4X10 ⁵	
			M-T-D	1746.5X10 ⁵	

DECLASSIFIED

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 182	
REACTOR OPERATIONS DAILY REPORT DATE 12-27-70					
		KE	N		
1. POWER LEVEL AT 0900 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	72.9	40.9		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		43.1	-46.4		
8. FACTOR LIMITING POWER LEVEL		A.L.	A.L.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.				
	ENR.		0		
11. WATER LEAKS - M-T-D	TUBE		MSH PSIG	127	
	V.S.		NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	13050	
	OUTLET	81.4	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.2	DAILY	195.8X10 ⁵	
			M-T-D	1942.3X10 ⁵	

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<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED] IN</div>				DUN- 7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>12-28-70</u>				PAGE 183	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	73.9	43.0		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		4.4	-45.8		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0	[Hatched Box]		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.7	PRODUCED	13050	
	OUTLET	81.1	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.4	DAILY	195.7X10 ⁵	
			M-T-D	2138.0X10 ⁵	

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<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">[REDACTED]</div> REACTOR OPERATIONS DAILY REPORT				DUN- 7038	
DATE <u>12-29-70</u>				PAGE 184	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	807	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	74.8	45.0		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		45.7	-45.2		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. TUBE FAILURES - M-T-D	NAT.	0	0		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.6	PRODUCED	13050	
	OUTLET	81.2	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY	195.8X10 ⁵	
			M-T-D	2333.8X10 ⁵	

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<div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div>				DUN-7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>12-30-70</u>				PAGE 185	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR		3750
			WPPSS		800
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	75.6	46.8		
	30 DAY AVG.	75.6	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.0	-44.6		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0	0		
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		127
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED		13050
	OUTLET	81.6	EXPORTED		12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY		195.3X10 ⁵
			M-T-D		2529.1X10 ⁵

RECIPIENT

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REACTOR OPERATIONS DAILY REPORT DATE 12-31-70					
		KE		N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	70.6	83.9		
	KMWD	83.2	96.8		
6. TIME OPER. EFF.	M-T-D	76.4	48.5		
	30 DAY AVG.	76.8	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		48.4	-43.9		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	13050	
	OUTLET	81.6	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	196.2X10 ⁵	
			M-T-D	2725.3X10 ⁵	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN-7038 PAGE 187	
REACTOR OPERATIONS DAILY REPORT DATE 1-1-70 11					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0	N REACTOR 3750 WPPSS 800		
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		2646	3750		
4. OUTAGE HOURS		8.0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	66.7	100.0		
	30 DAY AVG.	79.0	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.1	40.4		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	1-9-71			
	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 TEMPERATURE AT 2330 HOURS	INLET	6.6	PRODUCED		13050
	OUTLET	C.U.	EXPORTED		12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		33.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.0	DAILY		196.0X10 ⁵
			M-T-D		196.0X10 ⁵

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

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<div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div>				DUN-7038	
REACTOR OPERATIONS DAILY REPORT DATE <u>1-2-70</u>				PAGE 188	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 0	N		
			REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		0	3750		
3. INPUT PRODUCTION - MWD		0	3750		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	33.3	100.0		
	30 DAY AVG.	79.0	46.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.9	40.8		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	1-9-71			
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0	/ / / / /		
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	6.2	PRODUCED	13050	
	OUTLET	C.U.	EXPORTED	12000	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		39.2	DAILY	196.4X10 ⁵	
			M-T-D	392.4X10 ⁵	
KE- Charge-discharge 15% complete.					

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-3-70

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3750
			WPPSS	800
2. MAXIMUM POWER - MW		0		3750
3. INPUT PRODUCTION - MWD		0		3750
4. OUTAGE HOURS		24.0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	22.2		100.0
	30 DAY AVG.	79.0		46.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-5.6		41.2
8. FACTOR LIMITING POWER LEVEL		R.D.		Admin.
9. ESTIMATED STARTUP TIME	DATE	1-9-71		
	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 TEMPERATURE AT 2330 HOURS	INLET	6.0	PRODUCED	13050
	OUTLET	C.U.	EXPORTED	12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		40.8	DAILY	196.7X10 ⁵
			M-T-D	589.1X10 ⁵

KE- Charge-discharge 33% complete.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN-7038 PAGE 190	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-4-70 </div>					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE		REACTOR	3750
		0		WPPSS	810
2. MAXIMUM POWER - MW		0			3750
3. INPUT PRODUCTION - MWD		0			3750
4. OUTAGE HOURS		24.0			0
5. FORECAST FOR MONTH	TOE	72.6			90.3
	KMWD	85.5			104.1
6. TIME OPER. EFF.	M-T-D	16.7			100.0
	30 DAY AVG.	79.0			46.8
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.4			11.6
8. FACTOR LIMITING POWER LEVEL		R.D.			Admin.
9. ESTIMATED STARTUP TIME	DATE	1-9-70			
	HOUR				
10. FUEL FAILURES-- M-T-D	NAT.	0			
	ENR.	0			0
11. WATER LEAKS - M-T-D	TUBE	0		MSH PSIG	127
	V.S.	0		NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.2		PRODUCED	13050
	OUTLET	C.U.		EXPORTED	12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		40.0		DAILY	197.4X10 ⁵
				M-T-D	786.5X10 ⁵

KE- Charge-discharge 49% complete. Miscellaneous maintenance continuing as required.

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AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-5-71

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	3750
			810
2. MAXIMUM POWER - MW		0	3750
3. INPUT PRODUCTION - MWD		0	3750
4. OUTAGE HOURS		24.0	0
5. FORECAST FOR MONTH	TOE	72.6	90.3
	KMWD	85.5	104.1
6. TIME OPER. EFF.	M-T-D	13.3	100.0
	30 DAY AVG.	79.0	50.0
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-11.1	42.0
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.
9. ESTIMATED STARTUP TIME	DATE	1-9-71	
	HOUR		
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	0
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 127
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.2	PRODUCED 12943
	OUTLET	C.U.	EXPORTED 11900
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		40.8	DAILY 196.6X10 ⁵
			M-T-D 983.1X10 ⁵

KE- Charge-discharge 66% complete.
Required maintenance continuing.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-6-71

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3750
			WPPSS	800
2. MAXIMUM POWER - MW		0		3750
3. INPUT PRODUCTION - MWD		0		3750
4. OUTAGE HOURS		24.0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	11.1		100.0
	30 DAY AVG.	79.0		53.3
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.9		42.4
8. FACTOR LIMITING POWER LEVEL		R.D.		Admin.
9. ESTIMATED STARTUP TIME	DATE	1-9-71		
	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 TEMPERATURE AT 2330 HOURS	INLET	5.1	PRODUCED	13050
	OUTLET	C.U.	EXPORTED	12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		40.8	DAILY	196.5X10 ⁵
			M-T-D	1179.6X10 ⁵

KE- Charge-discharge is 85% complete. Miscellaneous maintenance also in progress.

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-7-71

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR 3750
			WPPSS 800
2. MAXIMUM POWER - MW		0	3750
3. INPUT PRODUCTION - MWD		0	3750
4. OUTAGE HOURS		24.0	0
5. FORECAST FOR MONTH	TOE	72.6	90.3
	KMWD	85.5	104.1
6. TIME OPER. EFF.	M-T-D	9.5	100.0
	30 DAY AVG.	78.9	56.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-16.7	2.7
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.
9. ESTIMATED STARTUP TIME	DATE	1-9-71	
	HOUR	0400	
10. FUEL FAILURES- M-T-D	NAT.	0	
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PS.G 127
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.2	PRODUCED 13050
	OUTLET	C.U.	EXPORTED 12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		15.2	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		40.8	DAILY 197.2X10 ⁵
			M-T-D 1376.8X10 ⁵

KE- Charge-discharge is complete. Miscellaneous maintenance and startup preparations are in progress.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038 PAGE 800	
REACTOR OPERATIONS DAILY REPORT DATE 1-8-71					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		0	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		0	3750		
3. INPUT PRODUCTION - MWD		0	3750		
4. OUTAGE HOURS		24.0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	8.3	100.0		
	30 DAY AVG.	75.6	60.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-19.4	43.1		
8. FACTOR LIMITING POWER LEVEL		R.D.	Admin.		
9. ESTIMATED STARTUP TIME	DATE	1-9-71			
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.8	PRODUCED	13011	
	OUTLET	5.8	EXPORTED	11950	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		185.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		82.0	DAILY	196.4X10 ⁵	
			M-T-D	1573.2X10 ⁵	

DECLASSIFIED

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; background-color: black;"></div> IN </div>				DUN-7038 PAGE 195	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-9-71 </div>					
		KE		N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3900		REACTOR	3750
				WPPSS	800
2. MAXIMUM POWER - MW		3700		3750	
3. INPUT PRODUCTION - MWD		1808		3750	
4. OUTAGE HOURS		7.4		0	
5. FORECAST FOR MONTH	TOE	72.6		90.3	
	KMWD	85.5		104.1	
6. TIME OPER. EFF.	M-T-D	15.1		100.0	
	30 DAY AVG.	74.5		63.3	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-20.4		43.5	
8. FACTOR LIMITING POWER LEVEL		N.E.		Admin.	
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 TEMPERATURE AT 2330 HOURS	INLET	5.1		PRODUCED	13013
	OUTLET	74.0		EXPORTED	11900
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		199.0		105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.0		DAILY	195.0X10 ⁵
				M-T-D	1768.2X10 ⁵

KE- Reactor was started up at 0546 hrs. 1-9-71.
Scrammed at 0727 hrs. due to low panellit trip on 1879.
Resumed operation at 0856 hrs. 1-9-71.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; background-color: black;"></div> </div>				DUN- 7038 PAGE 196	
REACTOR OPERATIONS DAILY REPORT DATE 1-10-71					
		KE			N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3915	REACTOR		3750
			WPPSS		800
2. MAXIMUM POWER - MW		3915	3750		
3. INPUT PRODUCTION - MWD		3871	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	23.6	100.0		
	30 DAY AVG.	74.5	66.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-19.3	43.9		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG		127
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	5.0	PRODUCED		13050
	OUTLET	78.8	EXPORTED		12000
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY		195.0X10 ⁵
			M-T-D		1963.2X10 ⁵

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>1-11-71</u> </div>				PAGE 197	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 3915	REACTOR 3750 WPPSS 800		
2. MAXIMUM POWER - MW		3915	3750		
3. INPUT PRODUCTION - MWD		3915	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	30.6	100.0		
	30 DAY AVG.	74.6	70.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-18.1	4.3		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.6	PRODUCED	13024	
	OUTLET	78.3	EXPORTED	11950	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	196.0X10 ⁵	
			M-T-D	2159.2X10 ⁵	

KE- NOTE:

Line 4 for 1-9-71 should read 7.2 hrs. instead of 7.4.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 198	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-12-71 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3935	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		3925	3750		
3. INPUT PRODUCTION - MWD		3916	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	36.4	100.0		
	30 DAY AVG.	74.6	73.3		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-16.9	4.7		
8. FACTOR LIMITING POWER LEVEL		A.I.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES- M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.3	PRODUCED	13024	
	OUTLET	78.3	EXPORTED	11900	
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.4	DAILY	195.7X10 ⁵	
			M-T-D	2354.9X10 ⁵	

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED] IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>1-13-71</u> </div>				PAGE 199	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 3960	N REACTOR 3750 WPPSS 800		
2. MAXIMUM POWER - MW		3950	3750		
3. INPUT PRODUCTION - MWD		3940	3750		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	41.3	100.0		
	30 DAY AVG.	74.6	76.7		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-15.8	45.1		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
9. ESTIMATED STARTUP TIME	DATE				
	HOUR				
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.0	PRODUCED	13051	
	OUTLET	78.6	EXPORTED	11900	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		201.5	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		100.0	DAILY	195.7X10 ⁵	
			M-T-D	2550.6X10 ⁵	

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[REDACTED]
[REDACTED]
AFTER FILL-IN

<div style="text-align: center;"> </div>				DUN-7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE <u>1-14-71</u> </div>				PAGE 200	
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3970	REACTOR	0	
			WPPSS	0	
2. MAXIMUM POWER - MW		3970	3750		
3. INPUT PRODUCTION - MWD		3961	1518		
4. OUTAGE HOURS		0	14.3		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	45.5	95.7		
	30 DAY AVG.	74.6	78.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-14.6	43.3		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		1-15-71		
	HOUR		1800		
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.	16	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.0	PRODUCED	5304	
	OUTLET	78.8	EXPORTED	4836	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		99.3	DAILY	79.2X10 ⁵	
			M-T-D	2629.8X10 ⁵	

N- Reactor shut down at 0943 hrs. due to a suspected rupture in tube 1544. Fuel inspection and required work in progress.

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<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; background-color: black;"></div> </div>				DUN-7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-15-71 </div>				PAGE 201	
		KE		N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		3985	REACTOR	500	
			WPPSS	0	
2. MAXIMUM POWER - MW		3980	0		
3. INPUT PRODUCTION - MWD		3974	0		
4. OUTAGE HOURS		0	24.0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	49.1	89.4		
	30 DAY AVG.	74.6	78.0		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-13.3	-0.1		
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.		
9. ESTIMATED STARTUP TIME	DATE		1-16-71		
	HOUR		0500		
10. FUEL FAILURES-M-T-D	NAT.	0			
	ENR.	0			
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	25	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.0	PRODUCED	0	
	OUTLET	79.1	EXPORTED	0	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		98.5	DAILY	0	
			M-T-D	2629.8X10 ⁵	

N- Fuel inspection verified that there was a ruptured fuel element in tube 1544. Miscellaneous maintenance in progress.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> AFTER FILL-IN </div>				DUN- 7038 PAGE 202	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-16-71 </div>					
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 4000	N REACTOR 3100 WPPSS 640		
2. MAXIMUM POWER - MW		4000	2000		
3. INPUT PRODUCTION - MWD		3991	450		
4. OUTAGE HOURS		0	10.6		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	52.3	87.3		
	30 DAY AVG.	74.6	79.9		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-12.1	-3.0		
8. FACTOR LIMITING POWER LEVEL		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		112
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.3	PRODUCED		1443
	OUTLET	80.0	EXPORTED		317
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.9	DAILY		79.0X10 ⁵
			M-T-D		2708.8X10 ⁵

N- Reactor started up at 0535 hrs. Scrammed at 1537 hrs. due to low level in surge tank-lost secondary system. Resumed operation at 2034 hrs..

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AFTER FILL-IN

AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-17-71

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		KE	N
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR 3000
			WPPSS 630
2. MAXIMUM POWER - MW		4000	3100
3. INPUT PRODUCTION - MWD		4000	1552
4. OUTAGE HOURS		0	10.8
5. FORECAST FOR MONTH	TOE	72.6	90.3
	KMWD	85.5	104.1
6. TIME OPER. EFF.	M-T-D	55.1	85.4
	30 DAY AVG.	74.6	81.7
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-20.9	-4.8
8. FACTOR LIMITING POWER LEVEL		A.L.	R.D.
9. ESTIMATED STARTUP TIME	DATE		1-8-71
	TIME		0130
10. FUEL FAILURES- M-T-D	NAT.	0	1
	ENR.	0	
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG 12
	V.S.	0	NUCLEAR STEAM MLBS./HR.
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.6	PRODUCED 4977
	OUTLET	80.0	EXPORTED 4475
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\pm$ 1000		202.0	105-N BLDG. KWH OUTPUT
14. PEAK ELECT. DEMAND		95.1	DAILY 70.6X10 ⁵
			M-T-D 2779.4X10 ⁵

N- Reactor scrammed at 1313 hrs. due to loss of power on A Bus
because of relay problems.
(12-8)(1-18-71)
Reactor resumed operation at 0130 hrs.

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">[REDACTED]</div> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038 PAGE 204	
REACTOR OPERATIONS DAILY REPORT DATE 1-18-71					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3400	
			WPPSS	665	
2. MAXIMUM POWER - MW		4000	3200		
3. INPUT PRODUCTION - MWD		4000	2420		
4. OUTAGE HOURS		0	1.5		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	57.6	85.8		
	30 DAY AVG.	74.6	84.8		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-9.6	-5.8		
8. FACTOR LIMITING POWER LEVEL		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 TEMPERATURE AT 2330 HOURS	INLET	4.5	PRODUCED	825	
	OUTLET	79.8	EXPORTED	660	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	110.4X10 ⁵	
			M-T-D	2889.8X10 ⁵	

N- Resumed operation at 0130 hrs..

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; background-color: black;"></div> - IN </div>				DUN- 7038 PAGE 205	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT DATE 1-9-71 </div>					
		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3700	
			WPPSS	797	
2. MAXIMUM POWER - MW		4000	3490		
3. INPUT PRODUCTION - MWD		4000	3385		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	59.8	86.6		
	30 DAY AVG.	74.6	88.2		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-8.4	-5.7		
8. FACTOR LIMITING POWER LEVEL		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	126	
	V.S.	0	NUCLEAR STEAM MLBS./HR.		
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.4	PRODUCED	11658	
	OUTLET	79.7	EXPORTED	10050	
13. REACTOR WATER FLOW RATE AT 23.0 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		97.6	DAILY	169.4X10 ⁵	
			M-T-D	3059.2X10 ⁵	

N- Line 12 for 1-18-71 Daily Report should read 8250 and 6600 instead of 825 and 660.

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AFTER FILL-IN

[REDACTED]
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT			DUN-7038	
DATE 1-20-71			PAGE 206	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		KE 4000	N REACTOR 3750 WPPSS 805	
2. MAXIMUM POWER - MW		4000	3750	
3. INPUT PRODUCTION - MWD		4000	3719	
4. OUTAGE HOURS		0	0	
5. FORECAST FOR MONTH	TOE	72.6	90.3	
	KMWD	85.5	104.1	
6. TIME OPER. EFF.	M-T-D	61.8	87.3	
	30 DAY AVG.	74.6	90.0	
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-7.1	-5.4	
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.	
9. ESTIMATED STARTUP TIME	DATE			
	HOUR			
10. FUEL FAILURES-M-T-D	NAT.	0	[Hatched Box]	
	ENR.	0		
11. WATER LEAKS - M-T-D	TUBE	0	MSH PSIG	127
	V.S.	0	NUCLEAR STEAM MLBS./HR.	
12. WATER TEMPERATURE AT 2330 HOURS	INLET	4.0	PRODUCED	12793
	OUTLET	79.4	EXPORTED	11466
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.6	DAILY	192.9X10 ⁵
			M-T-D	3252.1X10 ⁵

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AFTER FILL-IN

<div style="text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 2px;">AFTER FILL-IN</div> </div>				DUN- 7038	
<div style="text-align: center;"> REACTOR OPERATIONS DAILY REPORT </div>				PAGE 207	
DATE 1-21-71					
1. POWER LEVEL AT 0800 FOLLOWING DAY -- MW		KE		N	
		4000		REACTOR	3750
				WPPSS	812
2. MAXIMUM POWER - MW		4000			3750
3. INPUT PRODUCTION - MWD		4000			3750
4. OUTAGE HOURS		0			0
5. FORECAST FOR MONTH	TOE	72.6			90.3
	KMWD	85.5			104.1
6. TIME OPER. EFF.	M-T-D	63.7			87.9
	30 DAY AVG.	74.6			91.5
7. INPUT PRODUCTION VARIANCE FROM FCRECAST M-T-D KMWD		-5.9			-5.0
8. FACTOR LIMITING POWER LEVEL		A.L.			Admin.
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 TEMPERATURE AT 2330 HOURS	INLET	3.8		PRODUCED	12900
	OUTLET	79.2		EXPORTED	11730
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0		105--N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		99.2		DAILY	196.5X10 ⁵
				M-T-D	3448.6X10 ⁵

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AFTER FILL-IN

AFTER FILL-IN

SECRET
AFTER FILL-IN

REACTOR OPERATIONS DAILY REPORT

DATE 1-22-71

DUN- 7038

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750
			WPPSS	800
2. MAXIMUM POWER - MW		4000		3750
3. INPUT PRODUCTION - MWD		4000		3750
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	65.3		88.4
	30 DAY AVG.	74.6		91.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-4.7		-4.6
8. FACTOR LIMITING POWER LEVEL		A.1.		Admin.
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 TEMPERATURE AT 2330 HOURS	INLET	4.0	PRODUCED	12975
	OUTLET	79.4	EXPORTED	11700
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.6	DAILY	196.8X10 ⁵
			M-T-D	3645.4X10 ⁵

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750
			WPPSS	807
2. MAXIMUM POWER - MW		4000		3750
3. INPUT PRODUCTION - MWD		4000		3750
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	66.8		88.9
	30 DAY AVG.	74.6		91.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-3.4		-4.2
8. FACTOR LIMITING POWER LEVEL		A.L.		Admin.
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 TEMPERATURE AT 2330 HOURS	INLET	4.1	PRODUCED	12975
	OUTLET	79.6	EXPORTED	11695
13. REACTOR WATER FLOW RATE AT 2330 - GPM $\div$ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		96.0	DAILY	195.9X10 ⁵
			M-T-D	3841.3X10 ⁵

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		KE	N		
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750	
			WPPSS	800	
2. MAXIMUM POWER - MW		4000	3750		
3. INPUT PRODUCTION - MWD		4000	* 3736		
4. OUTAGE HOURS		0	0		
5. FORECAST FOR MONTH	TOE	72.6	90.3		
	KMWD	85.5	104.1		
6. TIME OPER. EFF.	M-T-D	68.2	89.4		
	30 DAY AVG.	74.6	91.5		
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-2.2	-3.8		
8. FACTOR LIMITING POWER LEVEL		A.L.	Admin.		
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 TEMPERATURE AT 2330 HOURS	INLET	4.4	PRODUCED	12926	
	OUTLET	80.0	EXPORTED	11638	
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT		
14. PEAK ELECT. DEMAND		96.8	DAILY	194.2X10 ⁵	
			M-T-D	** 3964.4X10 ⁵	

N- * Positive ground indication on 105N A battery bank required corrective action. Reactor power level reduced to 3400 MW before ground indication returned to alarm zone. All circuits allowed to be checked by process standards show no ground indication.

** Corrected total due to error on 1-16-71.
79 kwh to 7.9 kwh.

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750
			WPPSS	800
2. MAXIMUM POWER - MW		4000		3750
3. INPUT PRODUCTION - MWD		4000		3750
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	69.5		89.8
	30 DAY AVG.	74.6		91.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		-0.9		-3.4
8. FACTOR LIMITING POWER LEVEL		A.L.		Admin.
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 TEMPERATURE AT 2330 HOURS	INLET	4.5	PRODUCED	12975
	OUTLET	80.0	EXPORTED	11736
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		97.6	DAILY	196.5X10 ⁵
			M-T-D	4160.9X10 ⁵

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		KE	N	
1. POWER LEVEL AT 0800 FOLLOWING DAY - MW		4000	REACTOR	3750
			WPPSS	800
2. MAXIMUM POWER - MW		4000		3750
3. INPUT PRODUCTION - MWD		4000		3750
4. OUTAGE HOURS		0		0
5. FORECAST FOR MONTH	TOE	72.6		90.3
	KMWD	85.5		104.1
6. TIME OPER. EFF.	M-T-D	70.6		90.2
	30 DAY AVG.	74.6		91.5
7. INPUT PRODUCTION VARIANCE FROM FORECAST M-T-D KMWD		40.3		-3.0
8. FACTOR LIMITING POWER LEVEL		A.L.		Admin.
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 TEMPERATURE AT 2330 HOURS	INLET	5.0	PRODUCED	12975
	OUTLET	80.3	EXPORTED	11736
13. REACTOR WATER FLOW RATE AT 2330 - GPM ÷ 1000		202.0	105-N BLDG. KWH OUTPUT	
14. PEAK ELECT. DEMAND		98.4	DAILY	194.4X10 ⁵
			M-T-D	4355.3X10 ⁵

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[illegible]

N- Reactor shutdown at 1700 hrs. by company and A.E.C. direction.

[REDACTED]

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END

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