

# OPERATING DATA REPORT

DOCKET NO. STN 50-482  
 WOLF CREEK GENERATING STATION  
 KANSAS GAS AND ELECTRIC COMPANY  
 DATE 8-01-85  
 COMPLETED BY M. Williams  
 TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: <u>July, 1985</u>	Gross Hours in Reporting Period: <u>744</u>		
2. Currently Authorized Power Level (MWt): <u>3411</u>	Max. Depend. Capacity (MWe-Net): <u>1117</u>		
Design Electrical Rating (MWe-Net): <u>1170</u>			
3. Power Level to Which Restricted (If Any) (Mwe-Net):	<u>N/A</u>		
4. Reasons for restriction (If Any):	<u>N/A</u>		
	This Month	Yr to Date	Cumulative
5. Number of Hours Reactor was Critical	<u>545.0</u>	<u>1210.8</u>	<u>1210.8</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours Generator on Line	<u>503.5</u>	<u>822.3</u>	<u>822.3</u>
8. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
9. Gross Thermal Energy Generated (MWH)	<u>1,025,780</u>	<u>1,382,456</u>	<u>1,382,456</u>
10. Gross Electrical Energy Generated (MWH)	<u>333,719</u>	<u>413,327</u>	<u>413,327</u>
11. Net Electrical Energy Generated (MWH)	<u>310,547</u>	<u>375,891</u>	<u>375,891</u>
12. Reactor Service Factor	<u>N/A</u>	<u>          </u>	<u>          </u>
13. Reactor Availability Factor	<u>N/A</u>	<u>          </u>	<u>          </u>
14. Unit Service Factor	<u>N/A</u>	<u>          </u>	<u>          </u>
15. Unit Availability Factor	<u>N/A</u>	<u>          </u>	<u>          </u>
16. Unit Capacity Factor (Using MDC)	<u>N/A</u>	<u>          </u>	<u>          </u>
17. Unit Capacity Factor (Using Design MWe)	<u>N/A</u>	<u>          </u>	<u>          </u>
18. Unit Forced Outage Rate	<u>N/A</u>	<u>          </u>	<u>          </u>
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each):	<u>None</u>		
20. If Shut Down at End of Report Period, Estimated Date of Startup:	<u>8-01-85</u>		
21. Units in test Status (Prior to Commercial Operation):	Forecast	Achieved	
Initial Criticality	<u>5-22-85</u>	<u>5-22-85</u>	
Initial Electricity	<u>6-13-85</u>	<u>6-12-85</u>	
Commercial Operation	<u>9-09-85</u>		

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. STN 50-482

WOLF CREEK GENERATING STATION

KANSAS GAS AND ELECTRIC COMPANY

DATE 8-01-85COMPLETED BY M. WilliamsTELEPHONE 316-364-8831MONTH July, 1985DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	181
6	423
7	474
8	487
9	229
10	0
11	0
12	0
13	268
14	427
15	446
16	173

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	474
18	502
19	584
20	715
21	758
22	808
23	324
24	603
25	800
26	727
27	808
28	801
29	817
30	850
31	114

## INSTRUCTIONS:

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

## UNIT SHUTDOWN AND POWER REDUCTIONS

DOCKET NO. SIN 50-482  
 WOLF CREEK GENERATING STATION  
 KANSAS GAS AND ELECTRIC COMPANY  
 DATE 8-01-85  
 COMPLETED BY M. Williams  
 TELEPHONE 316-364-8831

REPORT MONTH July, 1985

No	Date	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHODS SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
7	850629	S	107.3	B	4	Manual Trip per Startup Test Program from Auxiliary Shut-down Panel to demonstrate its operability.
8	850709	F	90.9	A	3	Trip due to feedwater control problem during Startup Test Program transient testing. A test recorder induced a false control signal (Licensee Event Report 85-049-01). Two subsequent reactor trips occurred during this shutdown (Licensee Event Reports 85-042-00 and 85-050-00).
9	850715	S	11.3	B	3	Reactor trip to test negative rate trip circuitry and analyze plant performance per Power Ascension Testing.
10	850723	F	10.8	A	3	Trip due to instrument power supply failure resulting in loss of control power to a feedpump. (Licensee Event Report 85-054-00)
11	850728	S	0	B	4	Large Load Reduction Test per Power Ascension Testing.
12	850731	F	20.2	A	3	Trip due to failure of a power range Nuclear Instrumentation channel while a second channel was under test. (Licensee Event Report 85-058)

**SUMMARY:** During the month of July, Power Ascension Testing was completed at the fifty and seventy-five percent power plateaus. This testing included a large load reduction test and Reactor trip tests. Several trips occurred due to feedwater system related problems.

(1) REASON: A: EQUIPMENT FAILURE (EXPLAIN)  
 B: MAINTENANCE OR TEST  
 C: REFUELING  
 D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION  
 F: ADMINISTRATIVE  
 G: OPERATIONAL ERROR (EXPLAIN)  
 H: OTHER (EXPLAIN)

(2) METHOD: 1. MANUAL  
 2. MANUAL SCRAM  
 3. AUTOMATIC SCRAM  
 4. OTHER (EXPLAIN)

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