

# OPERATING DATA REPORT

DOCKET NO. STN 50-482  
WOLF CREEK GENERATING STATION  
KANSAS GAS AND ELECTRIC COMPANY  
DATE 7-01-85  
COMPLETED BY M. Williams  
TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: June, 1985 Gross Hours in Reporting Period: 437.0
  2. Currently Authorized Power Level (MWt): 3411 Max. Depend. Capacity (MWe-Net): 1117  
Design Electrical Rating (MWe-Net): 1170 (Expected)
  3. Power Level to Which Restricted (If Any) (Mwe-Net): N/A
  4. Reasons for restriction (If Any): \_\_\_\_\_
- |   | This Month     | Yr to Date     | Cumulative     |
|---|----------------|----------------|----------------|
| 5. Number of Hours Reactor was Critical     | <u>349.1</u>   | <u>665.8</u>   | <u>665.8</u>   |
| 6. Reactor Reserve Shutdown Hours           | <u>0.0</u>     | <u>0.0</u>     | <u>0.0</u>     |
| 7. Hours Generator on Line                  | <u>318.8</u>   | <u>318.8</u>   | <u>318.8</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>356,676</u> | <u>356,676</u> | <u>356,676</u> |
| 10. Gross Electrical Energy Generated (MWH) | <u>79,608</u>  | <u>79,608</u>  | <u>79,608</u>  |
| 11. Net Electrical Energy Generated (MWH)   | <u>65,344</u>  | <u>65,344</u>  | <u>65,344</u>  |
| 12. Reactor Service Factor                  | <u>N/A</u>     |                |                |
| 13. Reactor Availability Factor             | <u>N/A</u>     |                |                |
| 14. Unit Service Factor                     | <u>N/A</u>     |                |                |
| 15. Unit Availability Factor                | <u>N/A</u>     |                |                |
| 16. Unit Capacity Factor (Using MDC)        | <u>N/A</u>     |                |                |
| 17. Unit Capacity Factor (Using Design MWe) | <u>N/A</u>     |                |                |
| 18. Unit Forced Outage Rate                 | <u>N/A</u>     |                |                |
19. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of each): None
  20. If Shut Down at End of Report Period, Estimated Date of Startup: 7-2-85
  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

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MONTH June, 1985DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	7
14	81
15	212
16	172

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	172
18	173
19	191
20	201
21	227
22	252
23	151
24	0
25	208
26	274
27	256
28	276
29	112
30	0
31	N/A

## 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 footnotes to explain the apparent anomaly.

## UNIT SHUTDOWN AND POWER REDUCTIONS

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REPORT MONTH June, 1985

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHODS SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	850602	F	19.0	B	1	Rod Control Problems investigated.
	850602	F	55.5	B	1	Further investigation of Rod Control problems.
	850606	F	26.8	H	3	Power Ascension Testing (Licensee Event Report 85-039-00).
1	850612	F	6.5	A	3	Problems with Turbine Load Limiting Circuitry.
2	850613	F	0.6	A	3	Further problems with Turbine Load Limiting Circuitry.
3	850613	F	26.7	A	2	Unit taken off-line due to turbine vibration. Reactor trip due to Main Feedwater Pump trip occurred during this shutdown (Licensee Event Report 85-041-00).
4	850614	F	7.0	G	3	Turbine trip due to insufficient reactor power to support turbine loading (Licensee Event Report 85-044-00).
5	850617	S	1.7	B	1	Manual turbine trip per Power Ascension Testing.
6	850623	F	39.0	G	3	Reactor tripped when Reactor trip breakers were inadvertently opened (Licensee Event Report 85-045-00). Second Reactor trip occurred during this shutdown due to leakage through feedwater check valves (Licensee Event Report 85-046-00).
7	850629	S	36.8	B	4	Manually tripped reactor from Auxiliary Shutdown Panel to demonstrate its operability.

SUMMARY: Initial entry into Mode 1 (Power Operation) occurred on June 6, 1985, and the unit was initially synchronized to the grid on June 12, 1985, at 1900 hours. Testing at the twenty and thirty percent power plateaus has been completed.

(1) REASON: A: EQUIPMENT FAILURE (EXPLAIN) E: OPERATOR TRAINING AND LICENSE EXAMINATION (2) METHOD: 1. MANUAL  
 B: MAINTENANCE OR TEST F: ADMINISTRATIVE 2. MANUAL SCRAM  
 C: REFUELING G: OPERATIONAL ERROR (EXPLAIN) 3. AUTOMATIC SCRAM  
 D: REGULATORY RESTRICTION H: OTHER (EXPLAIN) 4. OTHER (EXPLAIN)