

WOLF CREEK GENERATING STATION

MONTHLY OPERATING REPORT

MONTH: March YEAR: 1985

Docket No.: STN 50/482

Facility Operating License No.: NPF-32

Report No. 1

Submitted by:

Kansas Gas and Electric Company

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The following report highlights the operating experience for Wolf Creek Generating Station for the month of March, 1985. This report is being provided pursuant to Technical Specification 6.9.1.8.

## **I. OPERATING EXPERIENCE**

On March 11, 1985, Facility Operating License NPP-32 was issued for Wolf Creek Generating Station, authorizing fuel load and plant testing up to 5 percent of full power.

On March 12, 1985, the first fuel element entered the core and the plant entered Mode 6. Fuel loading was completed five days later.

On March 22, 1985, all reactor vessel head studs were tensioned and the plant entered Mode 5. The reactor coolant system has been filled and vented and a pressurizer bubble has been drawn. Preparations have begun for cold rod drop testing.

Three Control Room Ventilation Isolation Signals (CRVIS)/Containment Purge Isolation Signals (CPIS) occurred during the month of March due to spurious spikes and one CRVIS occurred due to personnel error. These events are being reported pursuant to 10 CFR 50.72 and 10 CFR 50.73 as Licensee Event Reports under separate cover.

## **II. MAJOR SAFETY-RELATED MAINTENANCE ACTIVITIES**

The major safety-related maintenance performed since March 11, 1985, includes replacement of the mechanical seal on centrifugal charging pump 'A', installation of the upper internals, positioning of the reactor vessel head and tensioning the studs, and installation of the Control Rod Drive Mechanism ductwork, cables and electrical connections. In addition, several valves have required repair due to body-to-bonnet leaks, valve operator problems, and valves leaking through.

## **III. CHANGES, TESTS AND EXPERIMENTS**

The following is a brief description of changes, tests and experiments reported pursuant to 10 CFR 50.59(b) for the period of March 11, 1985 through March 31, 1985.

1. Plant Modification Request (PMR) #00450 - Replacement of screen in the containment spray suction recirculation sump enclosure. No unreviewed safety or environmental questions are generated as a result of this change.
2. Plant Modification Request #00465 - Replacement of existing neutron shield water bags with stainless steel cans. No unreviewed safety or environmental questions are generated as a result of this change.
3. Plant Modification Request #00555 - Modification of the drains of the neutron shield water bags. No unreviewed safety or environmental questions are generated as a result of this change.

4. Plant Modification Request #00565 - Rewired annunciators to put close contacts in series in the Solid Radwaste System Alarm panel HC 145. No unreviewed safety or environmental questions are generated as a result of this change.
5. Plant Modification Request #00567 - Revision of drawings to reflect the "as built" installation location of receptacles in the cold chemistry laboratory. No unreviewed safety or environmental questions are generated as a result of this change.
6. Plant Modification Request #00577 - Addition of a liquid drain tap in the suction line and a recirculation line to the waste gas compressors. No unreviewed safety or environmental questions are generated as a result of this change.
7. Field Change Notice (FCN) SAPM 10730 - Replacement of three NRC-4 relay cards in the 7300 process control cabinets with NRC-11 cards. No unreviewed safety or environmental questions are generated as a result of this change.
8. Temporary Modification 85-95-HB - Installation of a temporary O-ring in a Liquid Radwaste System pump. No unreviewed safety or environmental questions are generated as a result of this change.
9. Temporary Modification 85-172-RR - Installation of adapter cables on the Safety Parameter Display System (SAS) and Emergency Response Facility Information System (ERFIS) data links. No unreviewed safety or environmental questions are generated as a result of this change.
10. Temporary Modification 85-176-BB - Installation of temporary O-ring on Reactor Coolant System pressure transmitter BB-PT-0405. No unreviewed safety or environmental questions are generated as a result of this change.
11. Temporary Modification 84-329-SB - Temporary replacement of safety-related card edge connectors located in process protection cabinet. No unreviewed safety or environmental questions are generated as a result of this change.
12. Plant Modification Request #00591 - Addition of R-C networks and varistors to the sample and reagent station of the Solid Radwaste System. No unreviewed safety or environmental questions are generated as a result of this change.
13. Plant Modification Request #00606 - Addition of overcurrent protection in containment electrical penetrations. No unreviewed safety or environmental questions are generated as a result of this change.
14. Procedure Change - The criteria for detector response were changed in the Initial Core Loading Sequence procedure. Details are being transmitted under separate cover. No unreviewed safety or environmental questions are generated as a result of this change.

# OPERATING DATA REPORT

DOCKET NO. STN 50/482  
WOLF CREEK GENERATING STATION  
KANSAS GAS AND ELECTRIC COMPANY  
DATE 4-01-85  
COMPLETED BY M. Megehee  
TELEPHONE 316-364-8831

## OPERATING STATUS

1. Reporting Period: March, 1985 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWt): 170 Max. Depend. Capacity (MWe-Net): 0  
Design Electrical Rating (MWe-Net): 1186
3. Power Level to Which Restricted (If Any) (MWe-Net): 0
4. Reasons for restriction (If Any): 5% License Issued

	This Month	Yr to Date	Cumulative
5. Number of Hours Reactor was Critical	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
6. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
7. Hours Generator on Line	<u>0.0</u>	<u>0.0</u>	<u>0.0</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>0.0</u>	<u>0.0</u>	<u>0.0</u>
10. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
11. Net Electrical Energy Generated (MWH)	<u>0.0</u>	<u>0.0</u>	<u>0.0</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: N/A
21. Units in test Status (Prior to Commercial Operation):

	Forecast	Achieved
Initial Criticality	<u>6-07-85</u>	<u>        </u>
Initial Electricity	<u>6-27-85</u>	<u>        </u>
Commercial Operation	<u>8-26-85</u>	<u>        </u>



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MONTH March, 1985

DAY 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	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

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.

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### SUMMARY:

(1) REASON:

- (2) METHOD:

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

## KANSAS GAS AND ELECTRIC COMPANY

## WOLF CREEK GENERATING STATION

UNIT NO. 1

MONTH March

## SUMMARY OF OPERATING EXPERIENCE

Listed below in chronological sequence is a summary of operating experiences for this month which required load reduction or resulted in significant non-load related incidents.

<u>DATE</u>	<u>TIME</u>	<u>EVENT</u>
March 11, 1985	1250	Received notification that License was issued for WCGS at 1332 EST.
March 12, 1985	1245	First fuel element entered core. Plant now in Mode 6. Fuel element unlatched at 1303.
March 13, 1985	0038	Received Containment Purge Isolation Signal (CPIS) and Control Room Ventilation Isolation Signal (CRVIS) from GT-RE-32. Reportable per 10 CFR 50.72 and 50.73.
	0155	Restored from CPIS and CRVIS. GT-RE-32 operable.
March 14, 1985	0824	Suspended fuel movement due to SR 32B reading zero counts in control room. Entered action statement 3.9.2.
	0915	Declared SR 32B operable. Observed low counts due to core coupling configuration.
	1732	CRVIS due to inadvertant deenergization of GK-RE-05. Personnel Error. Reportable per 10 CFR 50.72 and 50.73.
March 16, 1985	1501	CRVIS and CPIS received due to ten second spike on GT-RE-32. Reportable per 10 CFR 50.72 and 50.73.
March 17, 1985	0559	<u>FUEL LOAD COMPLETE.</u> All 193 assemblies have been loaded into the core.

<u>DATE</u>	<u>TIME</u>	<u>EVENT</u>
March 17, 1985	0835	Core mapping commenced.
	0948	Core mapping complete.
	1344	Core mapping verification complete.
	1945	Upper internals installed in reactor vessel.
March 18, 1985	1609	Reactor vessel head set on reactor vessel.
March 19, 1985	1117	Received CRVIS and CPIS due to spike on GT-RE-32. Immediately reset. Reportable per 50.72 and 50.73.
March 21, 1985	1218	Reactor vessel head tensioned. Entered Mode 5.
	2143	One reactor vessel head stud identified as not completely tensioned. Entered Mode 6.
March 22, 1985	0120	Reactor vessel head tensioned. Entered Mode 5.
	1729	Reentered Mode 6 to retension one reactor vessel head stud due to unreliable indication.
	2305	Reactor vessel head studs tensioned. Entered Mode 5.
March 25, 1985	1617	Commenced filling and venting reactor coolant system.
March 26, 1985	1642	Energized pressurizer heaters and commenced drawing a bubble.
	2211	Bubble established.
March 27, 1985	1723	Completed two minute runs of all reactor coolant pumps. Fill and vent of the reactor coolant system complete.
March 28, 1985	0003	Commenced CRDM polarity checks.
	0130	Maximum pressurizer heatup rate of 100°F in any one hour was exceeded by 5°F between 0030 and 0130. Entered action statement 3.4.9.2.
March 29, 1985	1821	Commenced prerequisites for cold rod drop testing.





KANSAS GAS AND ELECTRIC COMPANY

GLENN L. KOESTER  
VICE PRESIDENT - NUCLEAR

April 15, 1985

Director, Office of Resource Management  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

COPY FOR

Mr. R.P. Denise, Director  
Wolf Creek Task Force  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

KMLNRC 85-087

Re: Docket No. STN 50-482

Subj: March, 1985 Monthly Operating Report

Gentlemen:

Enclosed is the March, 1985 Monthly Operating Report for Wolf Creek Generating Station. This submittal is being made in accordance with the requirements of Technical Specification 6.9.1.8.

Yours very truly,

*Glenn L. Koester*

GLK:bb

Enc.

xc: PO'Connor (2)

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