NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Wolf Creek Generating Station	0 5 0 0 0 4 8 2	1 OF 0 2

TITLE (4)

Engineered Safety Features Actuation - Control Room Ventilation Isolation

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
0 9	0 2	8 5	8 5	0 0 6 2	0 0	0 9	2 3 8 5			0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	3
POWER LEVEL (10)	0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

	20.402(b)		20.405(c)	X	50.73(a)(2)(iv)
	20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)
	20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)
	20.405(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)
	20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)
	20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)

	73.71(b)
	73.71(c)
	OTHER (Specify in Abstract below and in Text, NRC Form 366A)

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Merlin G. Williams - Superintendent of Regulatory, Quality and Administrative Services	AREA CODE 3 1 6 — 3 6 4 - 8 8 3 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
B	V I	A I T	X 9 9 9	N					

SUPPLEMENTAL REPORT EXPECTED (14)

		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
	YES (If yes, complete EXPECTED SUBMISSION DATE)				
X	NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On September 2, 1985, at approximately 0040 CDT a Control Room Ventilation Isolation occurred due to a chlorine monitor signaling high chlorine levels in outside air makeup to the Control Building supply system. All required Engineered Safety Features equipment functioned properly. During this event the plant was in Mode 3, Hot Shutdown, with the Reactor Coolant System at normal operating temperature and pressure.

The isolation signal occurred due to a chlorine monitor incorrectly sensing high chlorine levels due to failure of the lamp in the monitor analysis unit. No chlorine was present as evidenced by normal readings on the redundant chlorine monitor and no alarms indicating malfunctions in the on-site chlorination systems. The lamp was replaced and the instrument returned to service.

There was no damage to plant equipment or release of radioactivity due to this event, and at no time was there a threat to the health or safety of the public.

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U.S.GPO:1984-0-454-481/18759

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Wolf Creek Generating Station	0 5 0 0 0 4 8 2	8 5	— 0 6 2	— 0 0	0 2 OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On September 2, 1985, at approximately 0040 CDT, a Control Room Ventilation Isolation Signal (CRVIS) occurred due to chlorine monitor GK-AITS-3[VI-AIT] indicating high chlorine levels in the outside air makeup to the Control Building Heating, Ventilating and Air Conditioning system [VI]. Upon receipt of the CRVIS, all Engineered Safety Features equipment required to operate functioned correctly.

At the time of the CRVIS the plant was in Mode 3, Hot Shutdown, with the Reactor Coolant System [AB] at normal operating temperature and pressure. No chlorine was present as indicated by redundant chlorine monitor GK-AITS-2, and no alarms were present indicating malfunctions of the on-site chlorination systems. The Control Building Heating, Ventilating and Air Conditioning System was returned to a normal configuration per plant procedures at approximately 0210 CDT.

Examination of the monitor revealed that the lamp in the analysis unit had burned out, causing the high chlorine indication. The lamp was replaced, and the monitor placed back in service.

To prevent future similar occurrences, the lamp in the redundant chlorine monitor was also replaced and routine replacement of the analysis unit lamps is planned.

The chlorine monitor is an MDA Scientific, Inc. model 7040 FAN. No previous similar events have occurred.

There was no damage to plant equipment or release of radioactivity as a result of this event, and at no time did conditions develop that may have posed a threat to the public health or safety.

KANSAS GAS AND ELECTRIC COMPANY

GLENN L KOESTER
VICE PRESIDENT - NUCLEAR

September 23, 1985

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Mr. R.P. Denise, Director
Division of Reactor Safety and Projects
U.S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

KMLNRC 85-219
Re: Docket No. STN 50-482
Subj: Licensee Event Report 85-062-00

Gentlemen:

The enclosed Licensee Event Report is submitted pursuant to 10CFR 50.73 (a) (2) (iv) concerning an Engineered Safety Features actuation.

Yours very truly,

Glenn L Koester

GLK:bb
Enc.
xc:PO'Connor (2), w/a
JCummins, w/a

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