Description Descriptin Descriptin Descriptin Descriptin Descriptin	NRC Form 266	U.S. NUCLEAR REGULATORY COMMISSION													
Construction Addition OCCUPY NAMES ID OCCUPY NAMES ID <td>INCOMORE EVENT REPORT (I FRI</td> <td>APPROVED OMB NO. 3150-0104</td>	INCOMORE EVENT REPORT (I FRI	APPROVED OMB NO. 3150-0104													
ANDITY NAME ID DOCKT NUMBER DI 0 5 0 0 6 8 1 2 1 0 0 6 1 2 1 0 0 1 1 0 0 1 1 0 0	LICENSEE EVENT REPORT (LER)	EXPINES 0.31 05													
Work 0 5 0 0 0 4 6 2 0 0 4 6 2 0 0 4 6 2 0 0 4 6 2 0 0 4 6 2 0 0 4 6 2 0 0 4 6 1 0 0 4 6 1 0 0 4 6 1 0 0 1 0 0 1 0 0 1 0 0	FACILITY NAME (1)	DOCKET NUMBER (2) PAGE (1)													
Initial Image: Sector Data Display in the sector Display in the	Wolf Creek Generating Station	0 15 10 10 10 14 18 12 1 OF 012													
ESF Actualion - Control Room Ventiliation Isolation Vert DAY 0 Vert DAY<	TITLE (4)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													
List Superson OPER PARTIES OPER PARTIES AND CALL IN TRANS OPER PARTIES AND CALL IN THE RECORD FOR \$ (Chart Serie Front of the Reference of the Re	ESF Actuation - Control Room Ventilation Isolation														
Work Gast Year	EVENT DATE (5) LER NUMBER (6) REPORT DATE (7) OTI	A FACILITIES INVOLVED (8)													
OISO(6 8585 013 00 053185 015010 015000 OFFEATING OFFEATING UNDER 101 2 20 48700 00 453185 01000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 010000 0100000 0100000 0100000 0100000 0100000 0100000 0100000 0100000 0100000 01000000 01000000 010000000 010000000 0100000000 0100000000000 0100000000000000000000000000000000000	MONTH DAY YEAR YEAR NUMBER NUMBER MONTH DAY YEAR FACILITY	DOCKET NUMBERIS													
015016 815 0113 000 01531 815 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 01500 015000 015000 0150000 0															
The Allower & Submitted Public To the Allower of the	0 5 0 6 8 5 8 5 0 1 3 0 0 0 5 3 1 8 5	0 1510 10101 1 1													
Over an Very and Additional Constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained in the second constrained constrained constrained constrained constrained constrained constrained in the second constrained constra	OPERATING THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR & Check one or n	more of the following) (11)													
Image: Control in the second contre in the second control in the second control	MOC E (9) 2 20.402(b) 20.408(c) X 50.73(e)(2)((iv) 73.71(o)													
111111111111111111111111111111111111	POWER 2C-405(a)(1)(i) 50.36(a)(1) 50.73(a)(2)((v) 73,71(c)													
Image: State in the state of the state state of the state state of the state of the state of the state o	1101 0 406(a)(1)(iii) 50.36(c)(2) 50.73(a)(2)(50.73(a)(2)(0 50.73(a)(2)(0 50.73(a)(2)(2)(0 50.73(a)(2)(0 50.73(a)(2)(0 50.73(a	(VII) OTHER (Specify in Abstract below and in Text, NRC Form													
20 Addition 20 Training 20 Training 20 Training UCLEASES CONTACT FOR THIS LEAR (12) THE ACCOUNT TO A THIS LEAR (12) THE ACCOUNT TO A THIS LEAR (12) WAME Merilin G. Williams - Superintendent of Regulatory, Quality and Administrative Services 311 (6) 316141-818311 COMPLEXENT OF LINE FOR EASE COMPARY TAILORS DECRETED IN THE REPORT TO THE TO THE SECONDARY TAILORS DECRETED IN THE REPORT TO THE TO THE SECONDARY TAILORS DECRETED IN THE REPORT TO THE REPORT TO THE SECONDARY TAILORS DECRETED IN THE REPORT TO THE SECONDENT TAILORS DECRETED IN THE REPORT TO THE REP	20.406(a)(1)(iv) 50.73(a)(2)(ii) 50.73(a)(2)(ii)	(viii)(B)													
LICENSE CONTACT FOR THIS LER (12) TELEPHONE NUMBER Merlin G. Williams - Superintendent of Regulatory, Quality And Administrative Services COMPLETE ON LUKE FOR EACH COMPONENT FAILURE DESCRIPED IN THE REPORT (12) COMPONENT MANUFAC DESCRIPTOR IN THE REPORT (12) COMPONENT MANUFAC DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE OF COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) COMPONENT FAILURE OF COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) COMPONENT FAILURE OF COMPONENT FAILURE OF COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) CAUSE SYSTEM COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) COMPONENT FAILURE OF COMPONENT FAILURE DESCRIPTOR IN THE REPORT (12) COMPONENT FAILURE OF COM	20.406(a)(1)(v) 50.73(a)(2)(iii) 50.73(a)(2)	(x)													
TELEPHONE NUMBER Merlin G. Williams - Superintendent of Regulatory, Quality Add Administrative Services COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIED IN THE REPORT 133 COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIED IN THE REPORT 133 Complete Top Level Component FAILURE DESCRIED IN THE REPORT 133 Complete Top Level Component FAILURE DESCRIED IN THE REPORT 133 Complete Top Level Component FAILURE DESCRIED IN THE REPORT 133 Complete Top Level Component FAILURE DESCRIED IN THE REPORT 133 Complete FAILURE DESCRIED IN THE REPORT EAVELOGED INFO Expected B JIE RIEL GI01613 B USE REPORT EAVELOR DESCRIED INFO Expected Expected Expected Expected Structure Eaveloce Failed Component Eaveloce Faile Component Failed Co	LICENSEE CONTACT FOR THIS LER (12)														
AND PARTICLE OF AND PARTICLE OF REQUIRED Y, UNATES 316141-1818131 CAUSE SYSTEM COMPONENT 316141-1818131 CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE SYSTEM CAUSE SYSTEM CAUSE SYSTEM CAUSE SYSTEM REPORTABLE CAUSE SYSTEM CAUSE SYSTEM REPORTABLE CAUSE SYSTEM REPORTAB	Marlin G. Williams - Superintendent of Deculatory Quality	TELEPHONE NUMBER													
CAUSE SYSTEM COMPONENT MANUAL COMPONENT FALLORE DESCRIPTION THIS REPORT IN CAUSE SYSTEM COMPONENT MANUAL REPORT SAFE COMPONENT FALLORE DESCRIPTION THIS REPORT IN B JIE RIEI GIOIGI3 H SUPPLEMENTAL REPORT EXPECTED (10) SUPPLEMENTAL REPORT EXPECTED (10) AND SUPPLEMENTAL REPORT EXPECTED (10) AND SUPPLEMENT (10) AND SUPLEMENT (1	and Administrative Services	2.6.1.0.0.0.2.1													
CAUSE SYSTEM COMPONENT MANUFAC TURER REPORTABLE TO MPROS CAUSE SYSTEM COMPONENT MANUFAC TURER REPORTABLE TO MPROS B JIE RIF1 G101613 N I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I <td>COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS R</td> <td>15 0 5 0 4 - 0 0 5 1</td>	COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS R	15 0 5 0 4 - 0 0 5 1													
CAUSE 19760 CONDUCT TUBER TO NAMOS B JLE RIE1 GI01613 H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H H </td <td>CALLEE EVETEM COMPONENT MANUFAC. REPORTABLE</td> <td>MANUFAC REPORTABLE</td>	CALLEE EVETEM COMPONENT MANUFAC. REPORTABLE	MANUFAC REPORTABLE													
B JIE RIE1 GIQ1613 H BUPELEMENTAL REPORT EXPECTED IN VES (If yes, compare EXPECTED SUBMISSION DATE) AND TRACT (Long to HOD SUBMISSION DATE) ADD TRACT (Long to HOD SUBMISSION DAT	CAUSE STSTEM COMPONENT TURER TO NPRDS CAUSE SYSTEM COMPONE	TURER TO NPRDS													
B JECKIEL GLUDE 3 N B BUPLEMENTAL REPORT EXPECTED 110 EXPECTED WONTN Dav VES (If yet. complete EXPECTED SUBMISSION DATE) NO SUMMISSION David (International Control Report Expected Control Report Expected Control Report International CONTROL NUMBER) WONTN David (International Control Report Expected Control Report International CONTROL NUMBER) ANSTRACT (Limit To HOO pages, is, segmentative Viters and CONTROL Report Properties and Properties															
NUMPLEMENTAL REPORT EXPECTED (14) EXPECTED NONTH Dav VEA VES (If yes, compare EXPECTED SUBMISSION DATE) x x0 NONTH Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large tasks hyper-inflam large) x0 NONTH Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large tasks hyper-inflam large) x0 NONTH Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large tasks hyper-inflam large) x0 NONTH Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large tasks hyper-inflam large) x0 NONTH Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large tasks hyper-inflam large) x0 NON NON Dav VEA ANSTRACT (Limit to 1400 bases, (a. approximately inflame large) x0 non NON </td <td>B VIERIEL UIVIO 3 N</td> <td></td>	B VIERIEL UIVIO 3 N														
Sufficient to product the product of t															
VES (// yet. complete EXPECTED SUBMISSION DATE) X NO AMSTRACT (Unit is 1400 updet. i. representation Date (IS) AMSTRACT (Unit is 1400 updet. i. representation Date (IS) On six different occasions, an Engineered Safety Features Actuation Signal (ESFAS) was initiated by a control room intake radiation monitor spurious alarm causing a Control Room Ventilation Isolation Signal (CRVIS). The incidents occurred at 0155 and 1650 CDT on May 6, 1985, 1054 CDT on May 15, 1985, 1037 CDT on May 23, 1985, 1814 CDT on May 26, 1985, and 1407 CDT on May 30, 1985. All required engineered safety features equipment responded properly on each occasion. The plant was in Mode 3, Hot Standby, prior to initial criticality at the time of the first three incidents. During the May 23, 1985 and May 30, 1985 occurrences, the plant was in Mode 2 with the reactor critical at a power level of 105-8 amps Intermediate Range. On May 26, 1985, the plant was in Mode 3, Hot Standby, with a Source Range indication of 25 counts/sec(cps). All incidents occurred with the Reactor Coolant System at normal operating r pessure and temperature. These events posed no threat to public health or safety.	SUPPLEMENTAL REPORT EXPECTED (14)	MONTH DAY YEAR													
VIE (If yet complete EXPECTED SUBMISSION DATE) X NO AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites inset (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites inset (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites inset (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites inset (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites inset (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge updat hyper-vites unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A, submaximum times unge) (TB) AMSTRACT (Limit to 1400 update (A) (TB) AMSTRACT (Limit to 1400 update (A) (TB) AMSTRACT (Limit to 1400 update (A) (TB) (TB) AMSTRACT (Limit to 1400 update (A) (TB) (TB) (TB) (TB) (TB) (TB) (TB) (TB		SUBMISSION DATE (15)													
On six different occasions, an Engineered Safety Features Actuation Signal (ESFAS) was initiated by a control room intake radiation monitor spurious alarm causing a Control Room Ventilation Isolation Signal (CRVIS). The incidents occurred at 0155 and 1650 CDT on May 6, 1985, 1054 CDT on May 15, 1985, 1037 CDT on May 23, 1985, 1814 CDT on May 26, 1985, and 1407 CDT on May 30, 1985. All required engineered safety features equipment responded properly on each occasion. The plant was in Mode 3, Hot Standby, prior to initial criticality at the time of the first three incidents. During the May 23, 1985 and May 30, 1985 occurrences, the plant was in Mode 2 with the reactor critical at a power level of 10E-8 amps Intermediate Range. On May 26, 1985, the plant was in Mode 3, Hot Standby, with a Source Range indication of 25 counts/sec(cps). All incidents occurred with the Reactor Coolant System at normal operating r ressure and temperature. These events posed no threat to public health or safety.	YES (If yes, complete EXPECTED SUBMISSION DATE) X NO														
	On six different occasions, an Engineered Safety Featur (ESFAS) was initiated by a control room intake radiation alarm causing a Control Room Ventilation Isolation Sign incidents occurred at 0155 and 1650 CDT on May 6, 1985, 1985, 1037 CDT on May 23, 1985, 1814 CDT on May 26, 199 May 30, 1985. All required engineered safety features properly on each occasion. The plant was in Mode 3, Hot Standby, prior to initial time of the first three incidents. During the May 23, occurrences, the plant was in Mode 2 with the reactor of level of 10E-8 amps Intermediate Range. On May 26, 199 Mode 3, Hot Standby, with a Source Range indication of All incidents occurred with the Reactor Coolant System ressure and temperature. These events posed no threat to public health or safety	res Actuation Signal on monitor spurious nal (CRVIS). The , 1054 CDT on May 15, 85, and 1407 CDT on equipment responded criticality at the 1985 and May 30, 1985 critical at a power 85, the plant was in 25 counts/sec(cps). at normal operating													

TERR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

S. NUCLEAR REGULATORY COMMISSION

APPROVED OVE NO 3150, 0714

FACILITY NAME (1)	UCHAET NUMBER (2)								LE	RNU		PAGE (3)										
									75.A	LR.		SEO	UENT	R		REVIS	UON BER					
Wolf Creek Generating Station	0 15			10	1.	418	8	2	81	5	-	0	11	3	-	0	0	01	2	OF	0	2

On six different occasions, an Engineered Safety Features Actuation Signal (ESFAS) was initiated by a spurious electronic "spike" in a control room intake radiation monitor (GK-RE-04). The incidents occurred at 0155 and 1650 CDF on May 6, 1985, 1054 CDF on May 15, 1985, 1037 CDT on May 23, 1985, 1814 CDF on May 26, 1985, and 1407 CDF on May 30, 1985. Each of these spikes resulted in a Control Room Ventilation Isolation Signal (CRVIS), in which all required engineered safety features equipment responded properly.

The plant was in Mode 3, Hot Standby, prior to initial criticality at the time of the first three incidents. During the May 23, 1985 and May 30, 1985 occurrences, the plant was in Mode 2 with the reactor critical at a power level of 102-8 amps Internetiate Range. On May 26, 1985, the plant was in Mode 3, Hot Standby, with a Source Range indication of 25 counts/sec(cps). All incidents occurred with the Reactor Coolant System at normal operating pressure and temperature.

In each instance, no radiation above normal background was present, as determined by redundant radiation monitor GK-RE-05, and the actuated systems were restored to a normal configuration per plant procedures.

Subsequent investigation of each incident identified a mismatch between the software and hardware in the RM-80 microprocessing unit for the radiation monitor as the probable cause of the spurious alarms. A previous engineering evaluation based on similar problems at another plant concluded that radiation monitors of this type were susceptible to this problem, although it had not occurred previously at Wolf Creek. Resolution of the mismatch for the radiation monitors is expected from the manufacturer in the near future and will be installed when it becomes available.

These events posed no threat to the public health or safety.

Previous occurrences: None

VRC Form JSEA



KANSAS GAS AND ELECTRIC COMPANY

GLENN L KOESTER VICE PRESIDENT NUCLEAR

May 31, 1985

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

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

> KMINRC 85-144 Re: Docket No. STN 50-482 Subj: Licensee Event Report 85-013-00

Gentlemen:

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

If you have any questions concerning this matter, please contact me or Mr. Otto Maynard of my staff.

Yours very truly,

Glenn L Kaester

Glenn L. Koester Vice President - Nuclear

GLK:dab

Enclosure

xc: PO'Connor (2), w/a JCummins, w/a

LERR