

LICENSEE EVENT REPORT

CONTROL BLOCK:

						1
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	E	F	C	S	1	2	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	4		5
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
LICENSEE CODE		LICENSE NUMBER							LICENSE TYPE					CAT 58														

CON'T

0	1	L	6	0	5	0	0	0	2	8	5	7	0	7	2	4	7	9	8	0	8	0	9	7	9	9	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
REPORT SOURCE		DOCKET NUMBER							EVENT DATE					REPORT DATE													

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0	2	While performing ST-ESF-11, F.1, it was noted that C/PIC-902, "A" steam generator																													
7	8																														
0	3	pressure indicator/controller for "C" Channel would not reset. The "C" channel																													
7	8																														
0	4	steam generator "A" pressure was bypassed with the three remaining channels																													
7	8																														
0	5	operable. Reference Tech. Spec. 2.15. No Tech. Spec. violation occurred.																													
7	8																														
0	6																														
7	8																														
0	7																														
7	8																														
0	8																														
7	8																														

0	9	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE					COMP. SUBCODE		VALVE SUBCODE				
7	8	I	B	11	E	12	G	13	I	N	S	T	R	U	14	I	15	Z	16
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

17	LER RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
7	8	7	9	—	0	1	8	0	3	L	—	0
9	10	11	12	13	14	15	16	17	18	19	20	21

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
B	18	Z	19	Z	20	Z	21	0	0	0	Y	23	N	24	N	25	S	1	8	5	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1	0	The sigma meter has a trip setpoint integrally installed. This trip circuit																													
7	8																														
1	1	utilizes a light emitting diode and photo transistor to cause the trip function.																													
7	8																														
1	2	This circuit had failed. The trip circuit was replaced and the meter calibrated																													
7	8																														
1	3	and placed back in service.																													
7	8																														
1	4																														
7	8																														

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
1	5	E	28	1	0	0	29	NA	B	31	Surveillance Testing
7	8	9	10	11	12	13	14	15	16	17	18

ACTIVITY CONTENT		RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE	
1	6	Z	33	Z	34	NA	NA
7	8	9	10	11	12	13	14

PERSONNEL EXPOSURES		DESCRIPTION						
1	7	0	0	0	37	Z	38	NA
7	8	9	10	11	12	13	14	15

PERSONNEL INJURIES		DESCRIPTION				
1	8	0	0	0	40	NA
7	8	9	10	11	12	13

LOSS OF OR DAMAGE TO FACILITY		DESCRIPTION				
1	9	Z	42	NA		
7	8	9	10	11	12	13

PUBICITY		DESCRIPTION				
2	0	N	44	NA		
7	8	9	10	11	12	13

NAME OF PREPARER M. R. Core L.T. Kusek

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NRC USE ONLY

GPO 917-926

LER 79-018
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 1

Safety Analysis

The steam generator level feeds trip unit 6 in the Reactor Protective System. It also has a trip function for the Engineered Safe-guards System. The RPS "C" channel trip unit 6 was immediately placed in bypass, causing the RPS to be placed in two-out-of-three logic. The ESF system was also placed in two-out-of-three logic during the maintenance period.

During the time the two systems were bypassed, the other three redundant channels in both systems would have provided necessary indication and trip functions.

L.T. Kusek

LER 79-018
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 2

Corrective Action

The sigma meter was removed from service and taken to the lab. It was determined that the alarm contact mechanism was faulty. This mechanism consists of a light emitting diode and photo transistor that can be adjusted to alarm at any point throughout the range of the Sigma meter. The alarm circuit was replaced per Maintenance Procedure MP-SIGMA-1, the licensee's procedures, and calibrated using appropriate calibration procedures.

The unit was allowed to "bake in" for a period of time in the lab and was then placed back in service. The RPS and ESF systems were returned to normal two-out-of-four trip logic. The appropriate surveillance test was run to insure operability.

L.T. Kusick

LER 79-018
Omaha Public Power District
Fort Calhoun Station Unit No. 1
Docket No. 05000285

Attachment No. 3

Failure Data

This is the second failure of its kind at Fort Calhoun Station Unit No. 1.

L.T. Kusek

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