

LER NO.: 50-321/1981-110
LICENSEE: Georgia Power Company
FACILITY: Edwin I. Hatch
DOCKET NO.: 50-321

NARRATIVE REPORT

For LER 50-321/1981-110

October 2, 1981, with the reactor in Hot Standby, 1D11-P001 instack Monitor was found inoperative. Environmental Technical Specifications Section 2.1.4.b requires continuous monitoring of gaseous releases for gross radioactivity. There was neither flow nor data on the panel. The sample pump B was not running, redundant pump A was put in service, and the system was returned to its normal operation within half an hour. This event did not affect the normal operation of the plant and also had no effect on safety and health of the public. This is a repetitive event as was last reported on 10/26/1980-031.

The reason the pump B was inoperative was due to corrosion of carbon vanes. The pump was disassembled, the vane cleaned, and reinstalled. The pump, and the pump was found to be performing satisfactorily.

These type pumps (carbon vane) are installed in the reactor building environmental radiation monitors for both Units 1 and 2 and have experienced similar operating problems. A study will be undertaken to determine what action can be taken to minimize future occurrences of this type. A followup report will be submitted when the study is complete.

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LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

1	2	3	4	5	6	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	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	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

With the Unit in hot standby condition, D11-P001 mainstack monitor was found inoperative. Environmental Tech Spec. Section 2.1.4.b requires continuous monitoring of gaseous releases. The sample pump B was not running. Redundant pump A was put in service and the system resumed its normal operation. Health and safety of the public was not affected. This is a repetitive event as last reported on 50-366/1980-031.

SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP. SUBCODE	VALVE SUBCODE		
M	C	E	D	P	U	M	P	X	X	H	2
9	10	11	12	13	14	15	16	17	18	19	20
(17) LEARN REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.	
1		6		1		1		0		3	
21		22		23		24		25		26	
ACTION TAKEN		FUTURE ACTION		EFFECT OF FLAKT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUPPLIED	
B	1	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
27	28	29	30	31	32	33	34	35	36	37	38
NPRD-4 FORM LUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER							
N	A	G	O	B	O						
39	40	41	42	43	44						

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

] The reason the pump B was inoperative was due to corrosion of carbon
] vanes. The vane was cleaned and reinstalled in the pump and was found
] to be operating satisfactorily.

FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION									
Z (28)										0 0 0 (29)										N/A (30)										B (31)										SURVEILLANCE (32)									
ACTIVITY										CONTENT										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																			
Z (33)										Z (34)										N/A (35)										N/A (36)																			
PERSONNEL EXPOSURES										DESCRIPTION																																							
0 0 0 (37)										2 (38)										N/A (39)																													
PERSONNEL INJURIES										DESCRIPTION																																							
0 0 0 (40)										N/A (41)																																							
LOSS OF OR DAMAGE TO FACILITY										DESCRIPTION																																							
Z (42)										N/A (43)																																							
PUBLICITY										DESCRIPTION																				NRC USE ONLY																			
N (44)										N/A (45)																																							

NAME OF PREPARER W.H. Rogers Health Physics

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