DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

February 23, 1979

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Re: Oconee Unit 1
Docket No. 50-269

Dear Mr. O'Reilly:

Pursuant to Sections 6.2 and 6.6.2.1.b(2) of the Oconee Nuclear Station Technical Specifications, please find attached Reportable Occurrence Report RO-269/79-6.

Very truly yours,

William O. Parker, Jr.

SRL:scs
Attachment

cc: Director, Office of Management Information
and Program Control

A002
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DUKE POWER COMPANY
OCONEE UNIT 1

Report Number: RO-269/79-6

Report Date: February 23, 1979

Occurrence Date: January 24, 1979

Facility: Oconee Unit 1, Seneca, South Carolina

Identification of Occurrence: Radiation Monitors 1RIA 47, 48 and 49 Inoperable

Conditions Prior to Occurrence: 100% Full Power

Description of Occurrence:

At 2200 on January 24, 1979, during a routine tour of the Reactor Building (RB) Purge Room, operations personnel noted abnormal sounds emanating from one of the two sample pumps in the cabinet containing 1RIA 47, 48 and 49, the RB particulate, iodine, and gaseous activity monitors, respectively. Steps were initiated to have the pump repaired. At 0100 on January 25, flow fault alarms for the three monitors were received. The monitors were declared inoperable and removed from service. The sample pump for RIA 47 was found to have seized resulting in a loss of flow to that monitor. Sample flow for RIA 48 and 49 is provided by a separate pump, but both pumps are driven by the same motor. Therefore, when the RIA 47 pump seized, the motor tripped, causing a loss of flow to all three monitors. The RIA 47 sample pump was replaced, and the three monitors were returned to service by 1400 on January 25, 1979.

Apparent Cause of Occurrence:

Flow to the three monitors was lost when the RIA 47 sample pump seized. Since the pump is of the sealed-bearing type, the exact cause of its failure could not be determined.

Analysis of Occurrence:

These monitors provide one means of detecting reactor coolant system leakage. Technical Specification 3.1.6.8 allows the monitors to be out of service for up to 48 hours, providing two other means of leak detection are available. During the time the monitors were out of service, RB normal sump level and letdown storage tank level were both operable. Therefore, safe operation of the unit was not affected, and the health and safety of the public were not endangered.

Corrective Action:

The inoperable sample pump was replaced, and the system returned to normal operation.

NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

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

Line	Field	Entry
01	LICENSEE CODE (2)	S C N E 1
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 2 6 9
	EVENT DATE (8)	0 1 2 4 7 9
	REPORT DATE (9)	0 2 2 3 7 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 At 0100 on January 25, 1979, a flow fault alarm was received indicating loss
03 of flow to 1RIA 47, 48, and 49. The RIA 47 sample pump was found to be in-
04 operable and replaced. Since RB normal sump level and letdown storage tank
05 level were operable adequate reactor coolant system leak detection was avail-
06 able. Therefore, the health and safety of the public were not endangered.
07
08

Line	Field	Entry
09	SYSTEM CODE (11)	B B
	CAUSE CODE (12)	E
	CAUSE SUBCODE (13)	B
	COMPONENT CODE (14)	I N S T R U
	COMP. SUBCODE (15)	X
	VALVE SUBCODE (16)	Z
(17) LER/RO REPORT NUMBER	EVENT YEAR	7 9
	SEQUENTIAL REPORT NO.	0 0 6
	OCCURRENCE CODE	0 3
	REPORT TYPE	L
	REVISION NO.	0
	ACTION TAKEN (18)	A
	FUTURE ACTION (19)	Z
	EFFECT ON PLANT (20)	Z
	SHUTDOWN METHOD (21)	Z
	HOURS (22)	0 0 0 0
	ATTACHMENT SUBMITTED (23)	Y
	NPRD-4 FORM SUB. (24)	Y
	PRIME COMP. SUPPLIER (25)	L
	COMPONENT MANUFACTURER (26)	R 3 6 2

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Loss of flow was caused by the seizure of the RIA 47 sample pump. The pump
11 was replaced and normal operation resumed.
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Line	Field	Entry
15	FACILITY STATUS (28)	E
	% POWER (29)	1 0 0
	OTHER STATUS (30)	NA
	METHOD OF DISCOVERY (31)	A
	DISCOVERY DESCRIPTION (32)	Operator Observation
16	ACTIVITY RELEASED (33)	Z
	CONTENT OF RELEASE (34)	Z
	AMOUNT OF ACTIVITY (35)	NA
	LOCATION OF RELEASE (36)	NA
17	PERSONNEL EXPOSURES NUMBER (37)	0 0 0
	TYPE (38)	Z
	DESCRIPTION (39)	NA
18	PERSONNEL INJURIES NUMBER (40)	0 0 0
	DESCRIPTION (41)	NA
19	LOSS OF OR DAMAGE TO FACILITY TYPE (42)	Z
	DESCRIPTION (43)	NA
20	PUBLICITY ISSUED (44)	N
	DESCRIPTION (45)	NA
	NRC USE ONLY	

NAME OF PREPARER S. R. Lewis

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