NRC FORM 366 (7-77)

UPDATED REPORT

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

Line	Field	Value
01	Licensee Code (2)	VANAS1
	License Number (3)	00-00000-00
	License Type (4)	41111
	Cat (5)	
01 (CON'T)	Report Source (6)	L
	Docket Number (7)	0500338
	Event Date (8)	043079
	Report Date (9)	100379

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During start-up operations, at 2% power, temperature indicator TI-RS-100A on Casing

03 Cooling Tank (1-RS-TK-1) was reading out of specifications at greater than 50°F.

04 This is reportable pursuant to T.S. 6.9.1.9.b. This event did not affect the health

05 and safety of the general public.

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Line	System Code (11)	Cause Code (12)	Cause Subcode (13)	Component Code (14)	Comp. Subcode (15)	Valve Subcode (16)
09	SH	E	B	HTEXCH	C	Z

(17) LER/RO REPORT NUMBER

Event Year		Sequential Report No.		Occurrence Code	Report Type		Revision No.
79	—	061	/	03	X	—	1

Action Taken (18)	Future Action (19)	Effect on Plant (20)	Shutdown Method (21)	Hours (22)	Attachment Submitted (23)	NPRD-4 Form Sub. (24)	Prime Comp. Supplier (25)	Component Manufacturer (26)
B	Z	Z	Z	0000	Y	N	A	D26[illegible]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The temperature rose above its limit due to a slipping belt on the mechanical

11 refrigeration unit The belt drive was tightened, making the system operable.

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Line	Facility Status (28)	% Power (29)	Other Status (30)	Method of Discovery (31)	Discovery Description (32)
15	C	002	NA	A	Operator observation

Line	Activity Released (33)	Content of Release (34)	Amount of Activity (35)	Location of Release (36)
16	Z	Z	NA	NA

PERSONNEL EXPOSURES

Line	Number (37)	Type (38)	Description (39)
17	000	Z	NA

PERSONNEL INJURIES

Line	Number (40)	Description (41)
18	000	NA

1126 067

LOSS OF OR DAMAGE TO FACILITY (43)

Line	Type (42)	Description
19	Z	NA

7910100206

PUBLICITY

Line	Issued (44)	Description (45)
20	N	NA

NRC USE ONLY

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GPO 917-926

Virginia Electric and Power Company
North Anna Power Station, Unit No. 1
Docket No. 50-338
Report No. LER 79-61/03X-1

Description of Event

During startup operations, at 2% power, Temperature Indicator TI-RS-100A on Casing Cooling Tank 1-RS-TK-1 read 51° for a 24 hour period. An emergency work request was submitted to repair the faulty refrigeration unit (1-RS-M-1). This is reportable pursuant to T.S. 6.9.1.9.b.

Probable Consequences of Event

With the casing cooling temperature greater than 50°F, the tank was considered inoperable as defined by T.S. 3.6.2.2; however, the tank and its associated pumps would still have functioned to inject water if required. Since the temperature of the tank was returned to less than 50°F within the 72 hours required by the action statement, the health and safety of the general public was not affected. Since the mechanism of failure was not an uncommon one for mechanical units of this type, a similar event could occur on Unit 2.

Cause

The temperature was reading above specifications due to a slipping belt on the mechanical refrigeration unit.

Immediate Corrective Action

The refrigeration unit was isolated and the drive belt was tightened, restoring the system to operation.

Scheduled Corrective Action

No further action required.

Action Taken To Prevent Recurrence

No further action required.