NRC Form 366 (9-83)	U.S. NUCLEAR REGULATORY COMMISSI APPROVED OMS NO. 3150-0104 PORT (LER) EXPIRES 8/31/85
FACILITY NAME (1)	DOCKET NUMBER (2) PAGE (3
Catawba Nuclear Station, Unit 1	0 5 0 0 0 4 11 3 1 OF 0
Continuous Sampling of Unit 1 Vent Disabled	
SVENT DATE (5) LER NUMBER (6) REPORT DATE (7)	OTHER FACILITIES INVOLVED (6)
MONTH DAY YEAR YEAR NUMBER NUMBER NUMBER NUMBER	0 15 0 0 0 1 1
	0 5 0 0 0 1
MODE (9) 6 20.402(b) 20.405(c)	50.73(a)(2)(iv) 73.71(b)
POWER 20.405(a)(1)(i) 60.36(c)(1) L7 JEL (10) 0 0 20.405(a)(1)(ii) 50.36(c)(2) 20.405(a)(1)(iii) X 50.73(a)(2)(ii) 20.405(a)(1)(iv) 50.73(a)(2)(ii) 20.405(a)(1)(v) 50.73(a)(2)(ii)	50.73(a)(2)(v) 73.71(e) 50.73(a)(2)(viii) OTHER (Specify in Abstract below and in Text, NRC For 366.A) 50.73(a)(2)(viii)(A) 366.A) 50.73(a)(2)(viii)(B) 366.A)
LICENSEE CONTACT FOR THIS	LER (12)
Roger W. Ouellette, Assistant Engineer - Licer	AREA CODE AREA CODE 710 14 317 13 1-17 15 1 3 ESCRIBED IN THIS REPORT (13)
CAUSE SYSTEM COMPONENT MANUFAC REPORTABLE CAUSE	SYSTEM COMPONENT MANUFAC REPORTABLE TURER TO NPROS
SUPPLEMENTAL REPORT EXPECTED (14)	EXPECTED SUBMISSION DATE (15)
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO AMBTRACT (Limit to 1400 spaces (*, approximately fifteen single space typewritten lines) (18) On November 8, 1984 at 1720 hours while Unit 1 inlet valve to the Unit 1 Vent Sampling Pump w inlet valve prevented the pump from sampling the which is required per Technical Specification Since the Unit 1 Vent Particulate, Gas, and Ic 36, and 37) were inoperable at the time, the protein unuously per the Action Statement of Technical Specification This event is classified as a Personnel Error. potential leakage on 1EMF-37, several valves of The inlet valve to the Unit 1 Vent Sample Pump This incident is reportable pursuant to 10 CFF B412200067_841207_	<pre>I was in Mode 6 (Refueling), the vas found closed. The closed the Unit 1 Vent continuously, Surveillance Requirement 4.11.2.1.2. odine Radiation Monitors (1EMF-35, oump was also required to sample nical Specification 3.3.3.11.</pre> . In the process of evaluating on the EMF train were cycled. o was inadvertently left closed. R 50.73, Section (a) (2) (i).
PDR ADOCK 05000413 S PDR	

NRC Form 366 (9.83)

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LICENSEE	EVENT	REPORT	(LER)	TEXT	CONTINUATION
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U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)					PAGE (3)		
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Catawba Nuclear Station, Unit 1	0 5 0 0 4 1 3	8 4	-	0 11 19	-0	010	0 2	OF	0 2
TEXT (If more space is required, use additional NRC Form WRA's) (17)									

The Unit 1 Vent Sampling Pump is used to continuously sample the Unit Vent in accordance with the sampling and analysis program specified in Table 4.11-2 of Technical Specification Surveillance Requirement 4.11.2.1.2. Since the Unit 1 Vent Particulate, Gas, and Iodine Radiation Monitors (1EMF-35, 36, and 37) were inoperable due to implementation of Nuclear Station Modification NSM-10087, the pump was also required per Action Statement 50 of Tech Spec 3.3.3.11 to ensure continuous sampling for radioactive Iodine and particulates.

On 11/8/34, at approximately 1200 hours, two Staff Health Physicists began their evaluation of 1EMF-35, 36, and 37 to determine the origin of particulate matter on the 1EMF-37 Iodine cartridge. The evaluation continued into the afternoon when it was noticed that proper flow was not being obtained through the radiation monitor (EMF). After approximately 15 minutes the detector housing for 1EMF-37 revealed leakage around a gasketed surface. In the process of evaluating the leakage by observing flow and vacuum response, several valves on the EMF train were cycled. The inlet valve to the Unit 1 Vent Sample Pump was found closed and was immediately reopened.

The potential existed for the valve to be closed a maximum of 35 minutes, from 1645 hours when it was observed in service, until 1720 hours when it was observed to be closed and then reopened. To prevent reoccurrance of a similar incident, the Unit 1 Vent Sample Pump Inlet and Outlet Valves are now locked open to ensure continuous sampling.

This incident is classified as a Personnel Error.

The Unit 1 Vent Sample Pump Inlet Valve was returned to the open position.

Unit 1 Vent Sampling Pump Inlet and Outlet Valves have been locked open and the Unit 2 Vent Sampling Pump Inlet and Outlet Valves will also be locked open.

SAFETY ANALYSIS

Although the Unit 1 Vent Sampling Pump could not sample for a short period of time, analysis of the Unit Vent prior to and after the incident revealed samples that were within the specifications of Tech Spec Surveillance Requirement 4.11.2.1.2. Since Unit 1 had not yet achieved initial criticality, no significant amounts of radiation could have been released through the Unit Vent.

Therefore, the health and safety of the public were unaffected by this incident.

NRC Form 366A

DUKE POWER COMPANY P.O. BOX 33189

CHARLOTTE, N.C. 28242

HAL B. TUCKER VICE PRESIDENT NUCLEAR PRODUCTION

TELEPHONE (704) 373-4531

December 7, 1984

Document Control Desk U. S. Nuclear Regulatory Commission Washirgton, D. C. 20555

Subject: Catawba Nuclear Station, Unit 1 Docket No. 50-413

Gentlemen:

Pursuant to 10 CFR 50.73 Section (a) (1) and (d), attached is _icensee Event Report 413/84-19 concerning disabling the continuous sampling of the Unit 1 vent. This event was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

Nal B. Cude

Hal B. Tucker

RWO:s1b

Attachment

cc: Mr. James P. O'Reilly, Regional Administrator U. S. Nuclear Regulatory Commission Region II 101 Marietta Street, NW, Suite 2900 Atlanta, Georgia 30323

INPO Records Center Suite 1500 1100 Circle 75 Parkway Atlanta, Georgia 30339

NRC Resident Inspector Catawba Nuclear Station

American Nuclear Insurers c/o Dottie Sherman, ANI Library The Exchange, Suite 245 270 Farmington Avenue Farmington, CT 06032

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Document Control Desk December 7, 1984 Page Two

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Mr. Jesse L. Riley Carolina Environmental Study Group 854 Henley Place Charlotte, North Carolina 28207

Mr. James L. Kelley, Chairman Atomic Safety and Licensing Board Panel U. S. Nuclear Regulatory Commission Washington, D. C. 20555

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