

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) McGuire Nuclear Station - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 6 9	PAGE (3) 1 OF 13
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TITLE (4)
Daily Surveillance for Waste Gas Storage Tank not Performed

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)							
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)					
1	2	29	8	4	8	5	0	0	1	0	1	0	5	0	0	0
1	2	29	8	4	8	5	0	0	1	0	1	0	5	0	0	0

OPERATING MODE (9) 1

POWER LEVEL (10) 1 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)

20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(c)	80.36(a)(1)	80.36(c)(2)	80.73(a)(2)(i)	80.73(a)(2)(ii)	80.73(a)(2)(iii)	80.73(a)(2)(iv)	80.73(a)(2)(v)	80.73(a)(2)(vi)	80.73(a)(2)(vii)	80.73(a)(2)(viii)(A)	80.73(a)(2)(viii)(B)	80.73(a)(2)(ix)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
										X												

LICENSEE CONTACT FOR THIS LER (12)

NAME: Scott Gewehr - Licensing

TELEPHONE NUMBER: 7 0 4 3 7 3 7 5 8 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NFRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NFRDS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On December 29, 1984, the daily Health Physics surveillance of the Waste Gas Decay Tank (WGDT) was not completed within the hour interval as required by technical specifications. The cause of the event is personnel error. Corrective actions will emphasize the use of checklists in performance of routine duties, and documentation of the performance of duties will be reviewed by appropriate supervision.

The surveillances performed on the day before and the day after the missed surveillance show WGDT radioactivity levels of 118 and 122 curies, respectively. It is, therefore, highly improbable that radioactivity levels exceeded the Technical Specifications limit of 49,000 curies on December 29. The health and safety of the public were not affected.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

Introduction: On December 29, 1984, the daily Health Physics (H. P.) surveillance of the Waste Gas Decay Tank (WGDT) in service was not performed within the 24 hour time interval as specified by Technical Specification (T. S.) 3/4.11.2.6. The surveillance was successfully completed the day before and the day after the missed surveillance.

This event is classified as a Personnel Error. The person designated the responsibility of the WGDT daily surveillance did not perform it as required nor did they notice the oversight while reviewing the logbook during shift turnover. Supervision was not available on the day of the incident to provide an additional check of logbooks and ensure that all required work was completed.

Evaluation: The procedure Radioactive Gaseous Effluent Sampling and Analysis Frequency, is used daily by Health Physics personnel to evaluate the quantity of radioactivity in the WGDT in service as required by T. S. The T. S. surveillance is performed with the assistance of Radwaste Chemistry personnel. When Health Physics personnel sample a WGDT, Radwaste Chemistry personnel make the necessary valve alignments as required by Radwaste Procedure for Waste Gas Decay Tank Sampling, to provide gas flow to the sampling apparatus.

On the day of the incident, the Saturday after Christmas Holidays, Health Physics Technician A was responsible for the Health Physics day shift duties, one of which was the daily surveillance of the WGDT. This same technician had also been responsible for the WGDT daily surveillance in the days preceding and following the incident. On weekends the day shift duties involve more non-routine tasks and this day was busier than usual due to a reduction in manpower for the holidays.

To assist the technician in completing the required daily shift duties, a copy of the Station Health Physics Duties Checklist is available in the work area under a plastic cover. On this sheet the daily shift duties are listed and are crossed off and initialed as they are completed. The plastic cover is wiped clean at the end of each day. On the day of the incident, Health Physics Technician A was busy with non-routine work and did not utilize the Duties Checklist. The technician did not notice and missed surveillance when reviewing the logbooks at the end of the day during shift turnover. Supervision was not available during the day of the incident to provide an additional check of logbooks and ensure that all required work had been completed. The senior Health Physics technician had gone home early and the Health Physics shift supervisor was taking a vacation day. As a result of all these factors, the WGDT surveillance was missed.

As the daily surveillance of the WGDT was being performed on December 30, Technician A noticed that the WGDT surveillance had been missed the day before and the 8 hour grace period had been passed. Technician A verified that the quantity of radioactivity in the WGDT in service had not exceeded the T. S. acceptance criteria of 49,000 Curies on the days preceding and following the missed surveillance. The technician reported this to the Health Physics supervisor that was coming on duty at shift change.

Corrective Action: The use of the Duties Checklist is now required to complete all shift duties. In addition, documentation of performance of duties will be reviewed at the end of each shift to ensure that all Technical Specification requirements have been completed for that shift.

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TEXT (If more space is required, use additional NRC Form 366A's) (17)

Safety Analysis: Technical Specifications require a 24 hour surveillance to verify that the quantity of radioactivity in the WGDT in service does not exceed 49,000 Curies. Since the level in the WGDT was 118 Curies the day before the incident and 122 Curies the day after the incident, it is improbable that the WGDT could have exceeded the 49,000 Curie limit on the day of the missed surveillance.

DUKE POWER COMPANY

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HAL B. TUCKER

VICE PRESIDENT
NUCLEAR PRODUCTION

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January 31, 1985

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

Subject: McGuire Nuclear Station, Unit 2
Docket No. 50-370
LER 369/85-01

Gentlemen:

Pursuant to 10 CFR 50.73 Sections (a)(1) and (d), attached is Licensee Event Report 369/85-01 concerning a Missed Technical Specification surveillance, which is submitted in accordance with §50.73 (a)(2)(i). This event was considered to be of no significance with respect to the health and safety of the public.

Very truly yours,

H. B. Tucker / BT

Hal B. Tucker

SAG/mjf

Attachment

cc: Mr. James P. O'Reilly, Regional Administrator
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