LICENSEE EVENT REPORT (LER)

Facility Name (1)	Docket Number (2)	Page (3)
Dresden Nuclear Power Station	0 5 0 0 0 2 3 7	1 OF 0 3

Title (4) Unit 2/3 Chimney Tritium Sampling Surveillance Interval Exceeded Due to Personnel Error

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)
0 8	0 3	8 8	8 8	0 1 4	0 0	0 9	0 1	8 8	Dresden Unit 3	0 5 0 0 0 2 4 9
									N/A	

OPERATING MODE (9)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)			
POWER LEVEL (10)	0 7 4	___ 20.402(b)	___ 20.405(c)	___ 50.73(a)(2)(iv)	___ 73.71(b)
		___ 20.405(a)(1)(i)	___ 50.36(c)(1)	___ 50.73(a)(2)(v)	___ 73.71(c)
		___ 20.405(a)(1)(ii)	___ 50.36(c)(2)	___ 50.73(a)(2)(vii)	___ Other (Specify in Abstract below and in Text)
		___ 20.405(a)(1)(iii)	X 50.73(a)(2)(i)	___ 50.73(a)(2)(viii)(A)	
		___ 20.405(a)(1)(iv)	___ 50.73(a)(2)(ii)	___ 50.73(a)(2)(viii)(B)	
		___ 20.405(a)(1)(v)	___ 50.73(a)(2)(iii)	___ 50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

Name	TELEPHONE NUMBER AREA CODE
Anthony Anandappa, Technical Staff Engineer Ext. 529	8 1 5 9 4 2 1 2 9 2 0

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		Expected Submission Date (15)	Month	Day	Year
___ Yes (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

With Unit 2 and Unit 3 at 74% and 72% power respectively, a review of the Chemistry Department surveillance completion dates revealed that Dresden Chemistry Procedure (DCP) 1400-3, Calculation of Tritium Activity in Airborne Effluents, from the Unit 2/3 Chimney effluent, had exceeded its allowable surveillance interval. Technical Specification Table 4.8.1 requires performance of this surveillance every 31 days. However, this activity was performed after the critical date thereby exceeding the surveillance interval.

The cause of this event was attributed to personnel error on the part of the Chemistry Department management personnel in that the surveillance was not performed in a timely manner despite periodic updates of pending due dates provided by the Station Surveillance Coordinator. The personnel involved were counseled; a Chemistry Department Surveillance Coordinator is now being assigned the responsibility to track these items. In addition, future surveillance information sheets will be revised and posted at appropriate locations within the Chemistry Department to provide a greater awareness of surveillance due dates. The safety significance of the event was minimal since all of the Unit 2/3 Chimney Effluent Monitoring Systems were in service during this period, and the sample results obtained were satisfactory. A previous event involving exceeding a surveillance interval was reported by LER 88-7 on Docket 050-237.

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			Page (3)
		Year	Sequential Number	Revision Number	
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PLANT AND SYSTEM IDENTIFICATION:

General Electric - Boiling Water Reactor - 2527 MWt rated core thermal power.

Energy Industry Identification System (EIIS) codes are identified in the text as [XX].

Nuclear Tracking System (NTS) code numbers are identified in the text as (XXX-XXX-XX-XXXXX).

EVENT IDENTIFICATION:

Unit 2/3 Chimney Tritium Sampling Surveillance Interval Exceeded Due to Personnel Error.

A. PLANT CONDITIONS PRIOR TO EVENT:

Unit(s): 2(3) Event Date: August 3, 1988 Event Time: 1500 hours

Reactor Mode(s): N (N) Mode(s) Name: Run (Run) Power Level(s): 74% (72%)

Reactor Coolant System (RCS) Pressures: 964 (973) psig

B. DESCRIPTION OF EVENT:

With Unit 2 at 74% rated core thermal power and Unit 3 at 72% rated core thermal power, a review of the Chemistry Department surveillance completion dates revealed that Dresden Chemistry Procedure (DCP) 1400-3, Calculation of Tritium Activity in Airborne Effluents, had exceeded its maximum allowable surveillance interval. Technical Specification Table 4.8.1 requires that a Unit 2/3 Chimney effluent grab sample be analyzed for Tritium activity every 31 days. This surveillance was performed on July 27, 1988; however its critical performance date (including the maximum allowable extension) was July 26, 1988.

C. APPARENT CAUSE OF EVENT:

This report is submitted in accordance with 10CFR50.73 (a)(2)(i)(B), which requires the reporting of any operation or condition prohibited by the Technical Specifications. The root cause of the event was attributed to personnel error on the part of the Chemistry Department management personnel in that DCP 1400-3 had not been performed in a timely manner despite periodic updates of pending surveillance due dates which had been provided by the Station Surveillance Coordinator.

This surveillance is normally performed by the Chemistry Department near the end of each month; however, due to preventative maintenance on the sampling equipment, DCP 1400-3 was rescheduled to the end of the month and the due date was inadvertently missed.

D. SAFETY ANALYSIS OF EVENT:

The safety significance of the event was minimal since all of the Unit 2/3 Chimney Effluent Monitoring Systems [IL] were in service during this period allowing the monitoring of particulate, iodine and low range noble gas at all times. The previously performed Unit 2/3 Chimney effluent Tritium activity analysis in addition to the analysis of the sample taken July 27, 1988 confirmed that the effluent Tritium levels were indeed below the Technical Specification Table 4.8.1 limit of 1×10^{-6} micro curies per milliliter.