PSE&G

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

JUN 13 1996

LR-N96166

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

Gentlemen:

LER 311/96-004-00
SALEM GENERATING STATION - UNIT 2
FACILITY OPERATING LICENSE NO. DPR-75
DOCKET NO. 50-311

This Licensee Event Report Supplement entitled "Missed Technical Specification Action Statement - Compensatory Survey" is being submitted pursuant to the requirements of the Code of Federal Regulations 10CFR50.73(a)(2)(i)(B).

Sincerely,

David F. Garchow
General Manager -
Salem Operations

1/1
IE22

Attachment

SORC Mtg. 96-080

EHV/tcp

C Distribution
LER File 3.7

Attachment A

The following items represent commitments that Public Service Electric & Gas (PSE&G) made to the Nuclear Regulatory Commission (NRC) relative to this LER (311/96-004-00). The commitments are as follows:

1. The Technical Specification Surveillance Improvement Project (See LER 311/95-008) will ensure that adequate processes exist to assure conditional surveillances are properly tracked. The project is scheduled to be completed by December 31, 1997.

NRC FORM 366 (4-95) U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB NO. 3150-0104
EXPIRES 04/30/98

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION REQUEST: 50.0 HRS. REPORTED LESSONS LEARNED ARE INCORPORATED INTO THE LICENSING PROCESS AND FED BACK TO INDUSTRY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

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TITLE (4)
Missed Technical Specification Action Statement - Compensatory Survey

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 NAME	DOCKET NUMBER
									Salem, Unit 1	05000272
05	15	96	96	-- 004 --	00	06	14	96	FACILITY NAME	DOCKET NUMBER
										05000

OPERATING MODE (9)	N	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)			
POWER LEVEL (10)	0	20.2201(b)	20.2203(a)(2)(v)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)
		20.2203(a)(1)	20.2203(a)(3)(i)	50.73(a)(2)(ii)	50.73(a)(2)(x)
		20.2203(a)(2)(i)	20.2203(a)(3)(ii)	50.73(a)(2)(iii)	73.71
		20.2203(a)(2)(ii)	20.2203(a)(4)	50.73(a)(2)(iv)	OTHER
		20.2203(a)(2)(iii)	50.36(c)(1)	50.73(a)(2)(v)	Specify in Abstract below or in NRC Form 366A
		20.2203(a)(2)(iv)	50.36(c)(2)	50.73(a)(2)(vii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER (Include Area Code)
E. H. Villar, Station Licensing Engineer	609-339-5456

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 15 single-spaced typewritten lines) (16)

At 1310 hours on May 14, 1996, the Salem Unit 2 control room declared the Unit 2 Fuel Handling Building {VG}(FHB) area Radiation Monitors {IL} (2R5 and 2R9) inoperable and appropriate notifications were made to Radiation Protection personnel.

The Salem Unit 2 Technical Specification (TS) 3.3.3.1. Table 3-3.6 Action #23, states in part: "...the Minimum Channels OPERABLE requirements, perform area surveys of the monitored area with portable monitoring instrumentation at least once per 24 hours."

The first compensatory radiological survey of the Unit 2 FHB was performed at 1410 hours on May 14, 1996, in accordance with the Technical Specification requirements. However, the next scheduled survey was not performed until 1920 hours on May 15, 1996, approximately 5 hours later.

The root cause of this event was attributed to personnel error.

This event is reportable in accordance with 10 CFR 50.73 (a) (2) (i) (b), any condition prohibited by the plant's Technical Specifications.

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

PLANT AND SYSTEM IDENTIFICATION

Westinghouse - Pressurized Water Reactor

* Energy Industry Identification System (EIIS) codes and component function identifier codes appear in the text as (SS/CCC).

Fuel Handling Building {VG}
Radiation Monitoring System {IL}

CONDITIONS PRIOR TO OCCURRENCE

At the time of identification, Salem Units 1 and 2 were shutdown and defueled.

DESCRIPTION OF OCCURRENCE

At 1310 hours on May 14, 1996, the Salem Unit 2 control room declared the Unit 2 Fuel Handling Building (FHB) area radiation monitors (2R5 and 2R9) inoperable. With an inoperable Radiation Monitoring System (RMS) area monitor, Salem Unit 2 Technical Specification (TS) 3.3.3.1. Table 3-3.6 Action #23, states in part: "... perform area surveys of the monitored area with portable monitoring instrumentation at least once per 24 hours."

Inoperability of the RMS area monitor is communicated to the Shift Radiation Protection Technician (SRPT) by the control room personnel, and at 1410 hours on May 14, 1996, Radiation Protection (RP) personnel performed the first compensatory radiological survey of the Unit 2 FHB. The compensatory radiological survey was performed in accordance with the requirements of TS, and the time and date for the next scheduled survey is posted in the SRPT's office.

At 0645 hours on May 15, the night-shift SRPT turned-over the requirements to perform the compensatory survey to the on-coming day-shift SRPT. At the 0700 hours RP shift meeting, RP supervisory personnel discussed the inoperability of the 2R5 and 2R9 monitors, but they failed to discuss the need for the compensatory survey.

At 1000 hours the RP manager discussed the survey requirement with the dayshift SRPTs; however, as the SRPTs and the supervisors became involved in their daily activities, they did not recognize that the compensatory survey was not assigned or completed.

At 1845 hours on May 15, during turn-over between dayshift and nightshift SRPT it was identified that the compensatory survey was not performed, and the Radiation Protection supervision was notified of the missed compensatory survey. At 1920 hours the survey of the Unit 2 Fuel Handling Building was completed, and no abnormal radiological conditions were noted.

CAUSE OF OCCURRENCE

The root cause of this event was attributed to personnel error.

PRIOR SIMILAR OCCURRENCES

A review of LERs for Salem Units 1 and 2 LERs in the last two years was performed to identify similar occurrences. Four similar LERs were identified.

LER 311/96-001, "Technical Specification Violation: Failure To Perform Chemistry Sampling Within Required Timeframe" identified an occurrence where the required sample was not taken within the 24 hours required by TS. The corrective actions for this LER were specific to improving the Chemistry Department turnover process.

LER 272/96-003, "Technical Specification Radiation Monitor Sampling Non-Compliance," identified an occurrence where compensatory samples required to satisfy Technical Specification 3.3.3.8 were not always analyzed within the allotted time defined by Technical Specifications. Corrective action for this LER was to revise the Chemistry procedures.

LER 311/95-005, "Technical Specification Violation: Failure to Analyze Second Sample With Radiation Monitor Inoperable," identified an occurrence where two samples had been obtained as required for releasing liquid waste when radiation monitor 2R18 was inoperable. Only one of the samples was analyzed prior to release authorization. Corrective actions included adding specific verification signature requirements for the independent samples to the gaseous and liquid waste release procedure, and providing error reduction training to Chemistry Department personnel. Chemistry Department personnel also discussed the event as a group.

LER 272/95-013, "Surveillance Testing of Seismic Monitoring Instrumentation Performed Approximately Six and One Half Hours Late" identified an occurrence where the 31 day surveillance for the Seismic Sensors were missed. Corrective actions associated with this event included improvements to the surveillance planning and scheduling process.

SAFETY CONSEQUENCES AND IMPLICATIONS

There were no safety consequences associated with this event.
Both 2R5 and 2R9 area radiation monitors were available and functional to provide alarm, and protection, if necessary.

Additionally, the Radiation Protection Department maintains continuous air monitoring and radiation protection instruments that would alarm locally in the event of an increase in radiation fields.

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

CORRECTIVE ACTIONS

1. The required survey was performed and no abnormal radiological conditions were noted.

2. The daily RP Survey Schedule was revised. Administrative controls have been placed on TS compensatory surveys of twenty four frequency such that they are now being performed once per twelve hours (twice per day).

3. The incident was discussed, as well as the importance of Technical Specification compliance, in two daily information meetings with RP personnel.

4. Alarm clocks were purchased, stationed in SRPT office and preset to coincide with administratively required survey times.

5. Disciplinary action is being taken with personnel involved in this event.

6. The Technical Specification Surveillance Improvement Project (See LER 311/95-008) will ensure that adequate processes exist to assure conditional surveillances are properly tracked. The project is scheduled to be completed by December 31, 1997.