

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

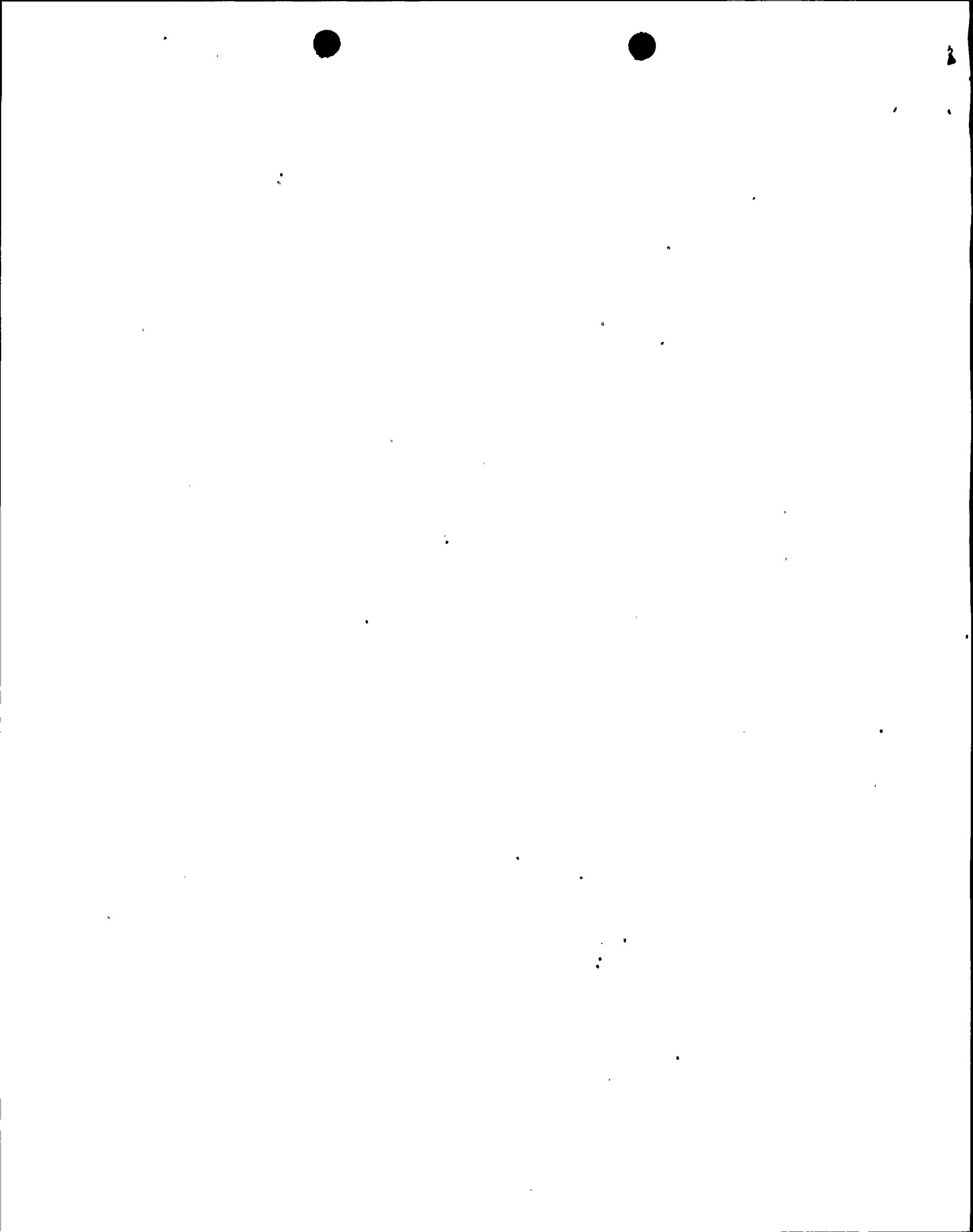
ACCESSION NBR: 8708310078 DOC. DATE: 87/09/25 NOTARIZED: NO DOCKET #
 FACIL: 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ca 05000323
 AUTH. NAME AUTHOR AFFILIATION
 LUCKETT, R. M. Pacific Gas & Electric Co.
 SHIFFER, J. D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 87-017-00: on 870102, surveillance interval exceeded.
 Caused by perssonnel error. New procedures & recurring task
 scheduler sys implemented to preclude recurrence. W/870825
 ltr.

DISTRIBUTION CODE: 1E22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 6
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	TRAMMELL, C	1 1		
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	DEDRO	1 1	NRR/DEST/ADS	1 0
	NRR/DEST/CEB	1 1	NRR/DEST/ELB	1 1
	NRR/DEST/ICSB	1 1	NRR/DEST/MEB	1 1
	NRR/DEST/MTB	1 1	NRR/DEST/PSB	1 1
	NRR/DEST/RSB	1 1	NRR/DEST/SGB	1 1
	NRR/DLPQ/HFB	1 1	NRR/DLPQ/GAB	1 1
	NRR/DOEA/EAB	1 1	NRR/DREP/RAB	1 1
	NRR/DREP/RPB	2 2	NRR/PMAS/ILRB	1 1
	<u>REG FILE</u> 02	1 1	RES DEPY GI	1 1
	RES TELFORD, J	1 1	RES/DE/EIB	1 1
	RGN5 FILE 01	1 1		
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
	LPDR	2 2	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1



LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): DIABLO CANYON UNIT 2	DOCKET NUMBER (2): 05000323	PAGE 3 1 OF 04
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TITLE (4): **MISSED SURVEILLANCE ON PRESSURIZER LEVEL CHANNEL 460 DUE TO AN ERROR IN UPDATING THE PREVENTIVE MAINTENANCE AND TEST SCHEDULER**

EVENT DATE (5):			LER NUMBER (6):			REPORT DATE (7):			OTHER FACILITIES INVOLVED (8):		
MONTH	DAY	YEAR	YEAR	SEQUENCE NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		
01	02	87	87	0117	010	08	25	87			
									DOCKET NUMBER'S		
									050000		
									050000		

OPERATING MODE (9): **1**
 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (11)

POWER LEVEL (10): 613	<input checked="" type="checkbox"/> 50.73(a)(2)(i)(B) <small>10 CFR</small>	<input type="checkbox"/> OTHER (Specify in Abstract, below and in Text, NRC Form 386A)
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LICENSEE CONTACT FOR THIS LER (12): RICHARD M. LUCKETT, REGULATORY COMPLIANCE ENGINEER	TELEPHONE NUMBER 8105595-17351
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14):	EXPECTED SUBMISSION DATE (15):
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	MONTH DAY YEAR

ABSTRACT (16)

On January 2, 1987, with Unit 2 in Mode 1 (Power Operation), the surveillance test interval of Technical Specifications (TS) 4.3.1.1, 4.3.3.5, and 4.3.3.6, including the allowable extension of TS 4.0.5, were exceeded when a channel calibration was not performed on pressurizer level channel 460. This event was discovered after completion of a channel calibration on July 27, 1987, when plant personnel identified that the previous scheduled surveillance test had not been performed.

The cause of the missed surveillance was personnel error (cognitive) in that plant personnel incorrectly updated the Preventive Maintenance and Test Scheduler (PMTS), indicating that the test had been performed, when in fact a similarly numbered test had been performed. This updating error was not discovered during a secondary review due to a weakness in the programmatic methodology for reviewing and updating PMTS.

At the time of discovery of this missed surveillance, pressurizer level channel 460 was in compliance with the surveillance requirements, and the as-found condition was acceptable. Therefore, during the time the surveillance requirements were not met, the instrument was capable of performing its intended safety function.

Since this event, new procedures and a new Recurring Task Scheduler System have been implemented that will preclude the recurrence of this type of updating error. Therefore, no further corrective action is necessary.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) DIABLO CANYON UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 2 3 8 7	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		87	017	00	02	OF	04

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

I. Initial Conditions

Unit 2 was in Mode 1 (Power Operation) at 63 percent power.

II. Description of Event

A. Event:

On January 2, 1987, with Unit 2 in Mode 1 (Power Operation), the surveillance test interval of Technical Specifications 4.3.1.1, 4.3.3.5, and 4.3.3.6, including the allowable extension of Technical Specification 4.0.5, were exceeded when a channel calibration was not performed on pressurizer level channel 460 (AB)(JC).

On July 27, 1987, after completion of a channel calibration on pressurizer level channel 460. Surveillance Test Procedure I-7B2, plant personnel identified that the previously scheduled surveillance test had not been performed. This surveillance test is required by Technical Specifications 4.3.1.1, 4.3.3.5, and 4.3.3.6.

The surveillance test would have been scheduled to be performed on August 17, 1986, but prior to this date, the level transmitter was replaced and calibrated on January 31, 1986, in accordance with the transmitter calibration procedure I-7B3. At this time plant personnel mistakenly updated the Preventive Maintenance and Test Scheduler (PMTS), indicating that the channel calibration test had been performed, when in fact it had not. A contributing factor to this updating error was that in the PMTS, the channel calibration test procedure was listed as I-7B instead of I-7B2, when the transmitter calibration (I-7B3) was performed, it was mistakenly entered as I-7B.

Upon discovery of this missed surveillance test, the instrument was in compliance with the surveillance requirements.

B. Inoperable structures, components or systems that contributed to the event:

None



LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) DIABLO CANYON UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 2 3 8 7	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
			- 0 1 7	- 0 0	0 3	OF

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

C. Dates and approximate times for major occurrences:

1. February 13, 1985: Channel calibration performed on pressurizer level channel 460.
2. January 31, 1986: Pressurizer level channel 460 transmitter replaced and transmitter calibration performed. PMTS incorrectly updated.
3. January 2, 1987: Event date - Surveillance test interval of TS 4.3.1.1, 4.3.3.5, and 4.3.3.6, plus the allowable extension of TS 4.0.5, were exceeded.
4. July 27, 1987: Discovery date - Channel calibration performed on pressurizer level channel 460.

D. Other systems or secondary functions affected:

None

E. Method of discovery:

Evaluation of channel calibration test results.

F. Operator actions:

None

G. Safety system responses:

None

III. Cause of Event

A. Immediate cause:

The cause of the missed surveillance was personnel error (cognitive) in that plant personnel incorrectly updated the PMTS, indicating that the test had been performed, when in fact a similarly numbered test had been performed.



LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) DIABLO CANYON UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 2 3 8 7 - 0 1 7 - 0 0	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
					0 4	OF 0 4

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

B. Root cause:

The updating error and the failure of the subsequent review to identify it were due to a weakness in the programmatic methodology used to review and update PMTS.

IV. Analysis of Event

Pressurizer level channel 460 was found acceptable upon the completion of the channel calibration on July 27, 1987. During the time that the surveillance requirements were not met, pressurizer level channel 460 was capable of performing its intended safety-related functions, providing a high pressurizer level reactor trip signal and providing remote shutdown indication and accident monitoring indication. Thus, no adverse safety consequences or implications resulted from this event.

V. Corrective Actions

Since the time of this event, new procedures and a new Recurring Task Scheduler System have been implemented that will preclude the recurrence of this type of updating error.

VI. Additional Information

A. Failed components:

None

B. Previous LERs on similar events:

This event is similar to two other missed surveillances reported in Licensee Event Reports 2-86-015 and 2-87-010. In both of these cases the corrective actions were applied after the updating error described in this LER, and could not prevented this event's occurrence.

LER 2-86-015: Missed Surveillance of a Radiation Monitor Due to an Error in PMTS updating.

LER 2-87-010: Missed Surveillance on an Intermediate Range Nuclear Instrument due to an Error in Updating the PMTS.

PACIFIC GAS AND ELECTRIC COMPANY

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JAMES D. SHIFFER
VICE PRESIDENT
NUCLEAR POWER GENERATION

August 25, 1987

PGandE Letter No.: DCL-87-210

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

Re: Docket No. 50-323, OL-DPR-82
Diablo Canyon Unit 2
Licensee Event Report 2-87-017-00
Missed Surveillance on Pressurizer Level Channel 460
Due to an Error in Updating the Preventive Maintenance
and Test Scheduler

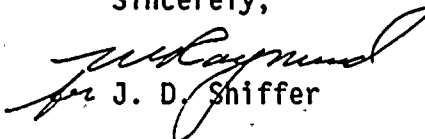
Gentlemen:

Pursuant to 10 CFR 50.73(a)(2)(i)(B), PGandE is submitting the enclosed Licensee Event Report 2-87-017-00 concerning a missed surveillance on pressurizer level channel 460 due to an error in updating the Preventive Maintenance and Test Scheduler.

This event has in no way affected the public's health and safety.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

Sincerely,


for J. D. Shiffer

Enclosure

cc: L. J. Chandler
J. B. Martin
M. M. Mendonca
P. P. Narbut
B. Norton
CPUC
Diablo Distribution
INPO

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