

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8704220029 DOC. DATE: 87/04/15 NOTARIZED: NO DOCKET #
 FACIL: 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ca 05000323
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 HUG, M. T. Pacific Gas & Electric Co.
 SHIFFER, J. D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

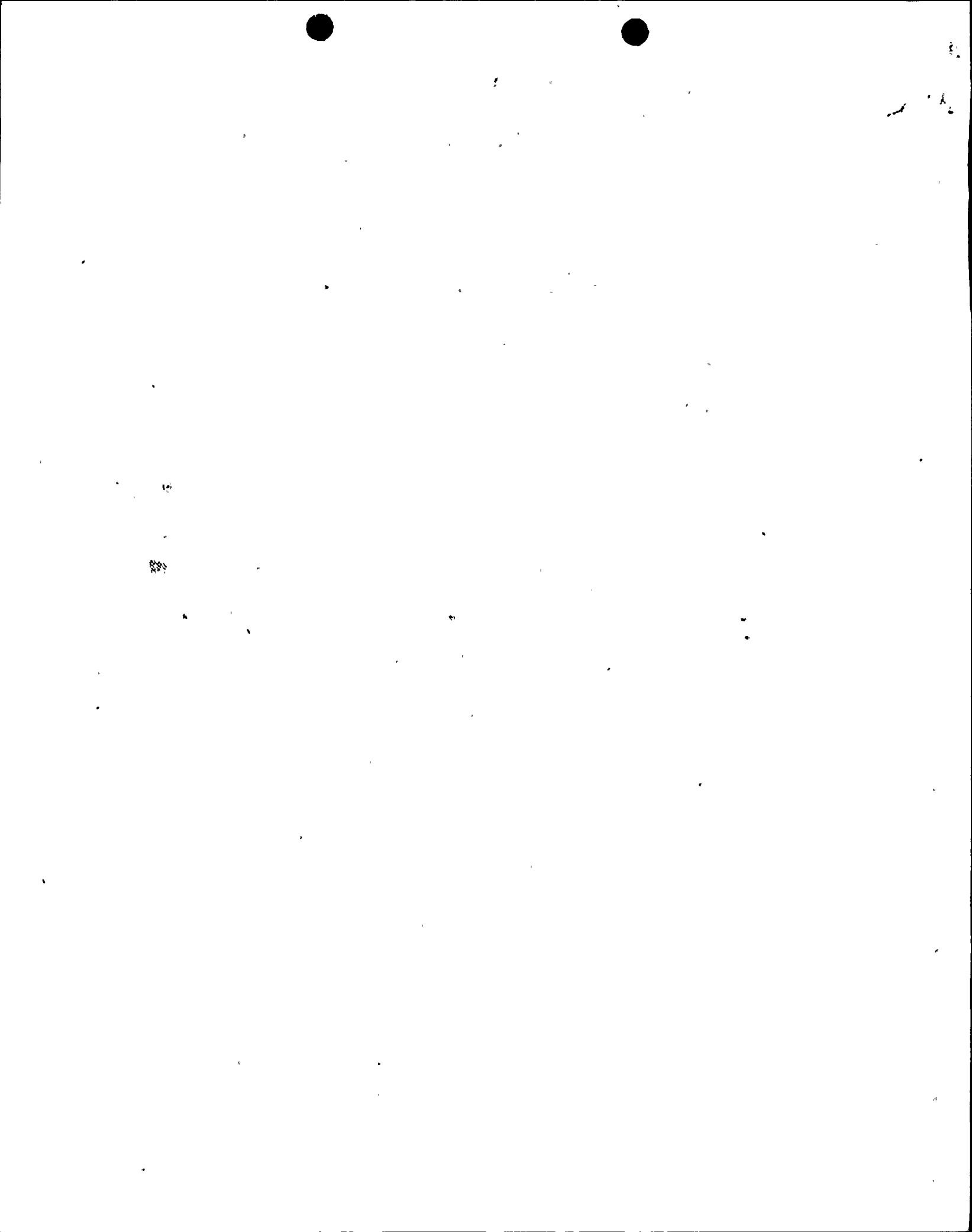
SUBJECT: LER 86-027-01: on 861213, surveillance of plant vent particulate sample missed. Caused by personnel error. Chemical Analysis Procedure A-6 will be revised to require foreman to review iodine & particulate sample results. W/870415 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

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	AEOD/DSP/TAPB	1 1	AEOD/DSP/TPAB	1 1
	NRR/ADT	1 1	NRR/DEST/ADE	1 0
	NRR/DEST/ADS	1 0	NRR/DEST/CEB	1 1
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	NRR/DREP/EPB	1 1	NRR/DREP/RAB	1 1
	NRR/DREP/RPB	2 2	NRR/PMAS/ILRB	1 1
	NRR/PMAS/PTSB	1 1	REC FILE 02	1 1
	RES SPEIS, T	1 1	RON5 FILE 01	1 1
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) **DIABLO CANYON UNIT 2** DOCKET NUMBER (2) **05000131231** PAGE (3) **1 OF 4**

TITLE (4) **MISSSED SURVEILLANCE OF A PLANT VENT PARTICULATE SAMPLE 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		
11	13	86	86	0217	011	04	15	87			
									DOCKET NUMBER(S)		
									050001		
									050001		

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

POWER LEVEL (10) **1010**

10 CFR 50.73(a)(2)(i)

OTHER (Specify in Abstract below and in Text, NRC Form 365A)

LICENSEE CONTACT FOR THIS LER (12)

MARTIN T. HUG, REGULATORY COMPLIANCE ENGINEER

TELEPHONE NUMBER
AREA CODE **305** **957** **7851**

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 you complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (16)

On December 13, 1986, while Unit 2 was in Mode 1 (Power Operation) at 100 percent power, the time limit of Technical Specification (TS) 4.11.2.1.2, Table 4.11-2, item 4 (continuous particulate sample), including the allowable extension of TS 4.0.2, was exceeded for the plant vent particulate sample. The sample collected on December 11, 1986, from the Unit 2 plant vent filter was not counted for principal gamma emitters within 48 hours. However, the filter was counted for monthly gross alpha and quarterly strontium composite particulate sample.

The surveillance requirement for the Unit 2 plant vent particulate sample was satisfied on December 12, 1986 when a 24 hour sample was collected due to changing power levels. These sample results were well within TS limits.

The missed surveillance was discovered February 18, 1987, when Chemistry and Radiation Protection (C&RP) Management conducted a review of chemistry counting data.

The cause of the event was personnel error in that the counting room technician overlooked the sample, and the foreman did not discover it during his review.

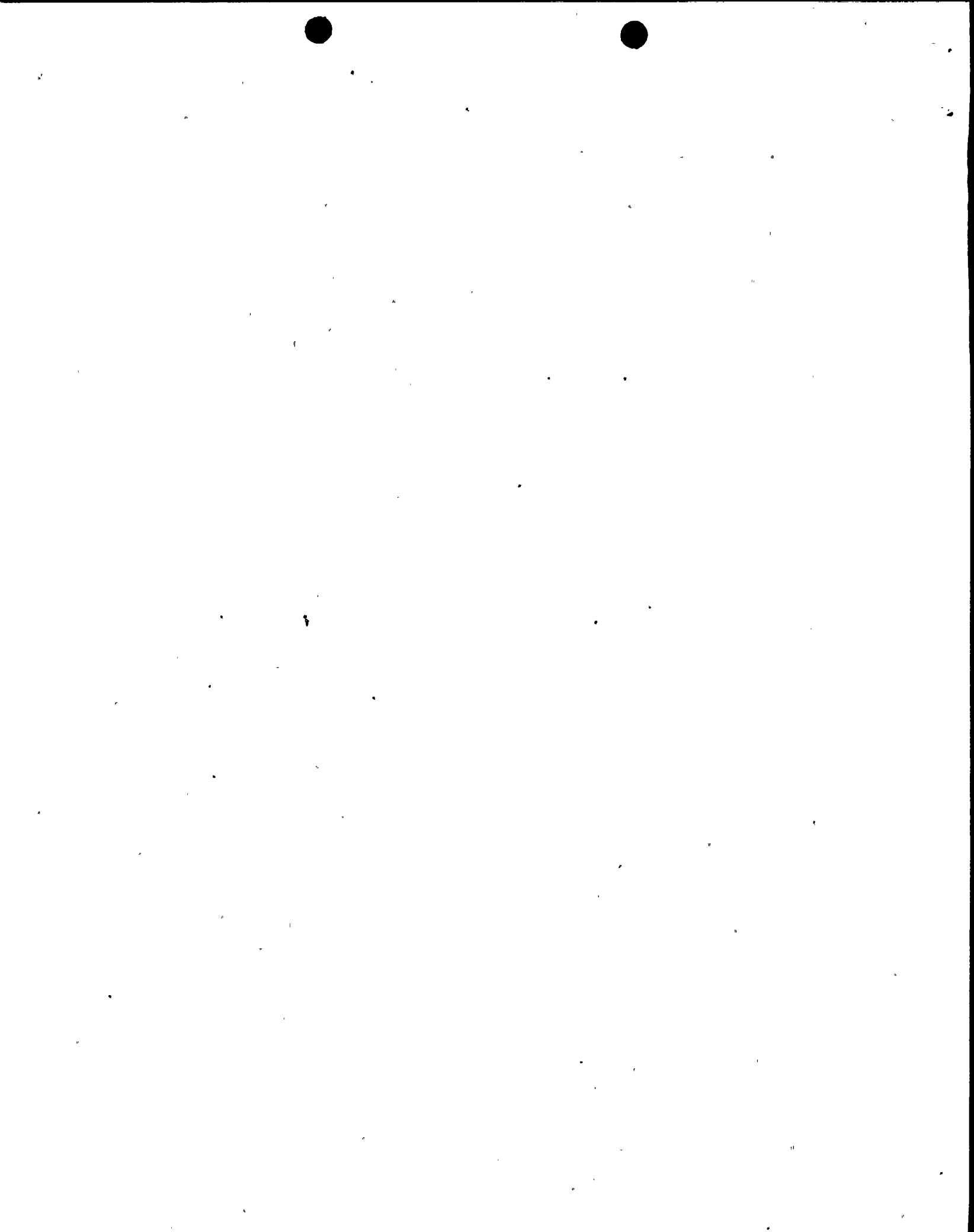
The results of particulate samples for several days before and after this missed analysis showed no detectable activity, and a review of 2-RE-28 A/B (plant vent continuous air particulate monitor) data showed no abnormal readings. Thus no adverse safety consequences or implications resulted from this event.

Chemical Analysis Procedure A-6 will be revised to include a note that requires the C&RP Foreman to review both the Iodine and Particulate sample results at the same time.

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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	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		86	027	01	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 100 percent power.

II. Description of Event

A. Event:

On December 13, 1986, while Unit 2 was in Mode 1 (Power Operation) at 100% power, the surveillance test interval of Technical Specification (TS) 4.11.2.1.2, Table 4.11-2, item 4 (continuous particulate sample), was exceeded, including the allowable extension of TS 4.0.2. This occurred when the Unit 2 plant vent particulate (IL) sample, collected on December 11, 1986, from the Unit 2 plant vent was not counted for principal gamma emitters within 48 hours. The filter was collected along with the required iodine charcoal cartridge sample on December 11, 1986, in accordance with procedure CAP E-2, "Chemical Analysis Procedure - Gas Sampling." The iodine charcoal cartridge was counted for I-131 and I-133 as required, but the particulate filter was not counted for principal gammas. The filter was counted for the monthly gross alpha composite and the quarterly strontium composite particulate sample.

The surveillance requirement on the Unit 2 plant vent particulate sample was satisfied on December 12, 1986, when a 24-hour sample was collected, due to changing power levels, and analyzed. These sample results were within TS limits.

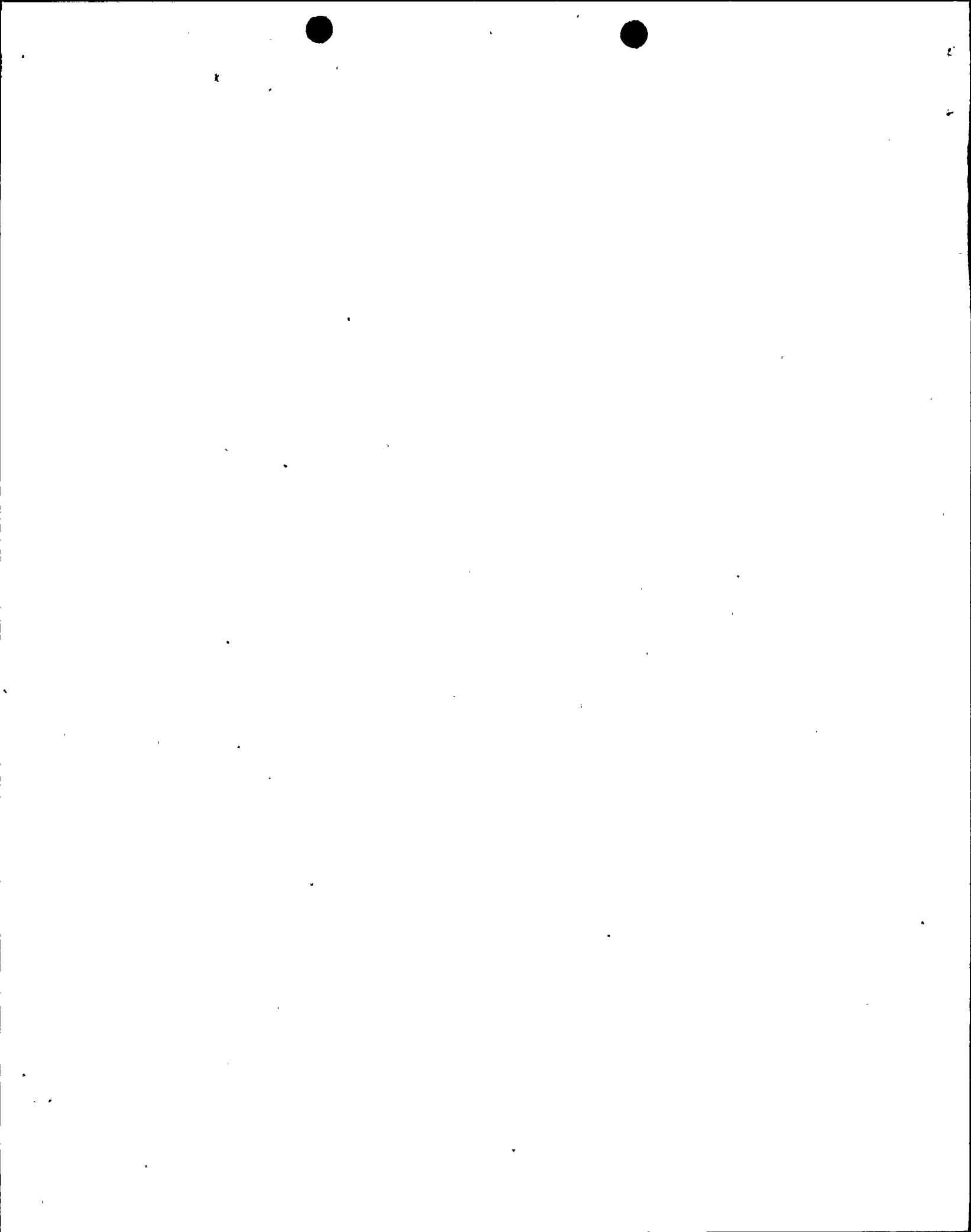
The missed surveillance was discovered on February 18, 1987, after Chemistry and Radiation Protection (C&RP) Management conducted a review of Chemistry counting data and could not find the sample results.

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

None

C. Dates for major occurrences:

- December 11, 1986: The particulate filter sample and iodine cartridge sample were collected from Unit 2 plant vent, but the particulate sample was not counted for principal gammas.
- December 12, 1986: The next 24-hour sample was collected from Unit 2 plant vent and counted for principal gammas.



LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		8 6	— 0 2 7	— 0 1	0 3	OF	0 4

TEXT (If more space is required, use additional NRC Form 306A's) (17)

- 3. December 13, 1986: Event date: Filter collected on December 11, 1986, not counted for principal gammas within the 48 hours required by TS 4.11.2.1.2.
- 4. February 18, 1987: Discovery Date: C&RP management discovered the missed surveillance while conducting a review of Chemistry counting data.

D. Other systems or secondary functions affected:

None

E. Method of discovery:

The missed surveillance was discovered on February 18, 1987, when C&RP Management conducted a search and review of Chemistry counting data and could not find the sample results.

F. Operator actions:

None required.

G. Safety system response:

Not applicable.

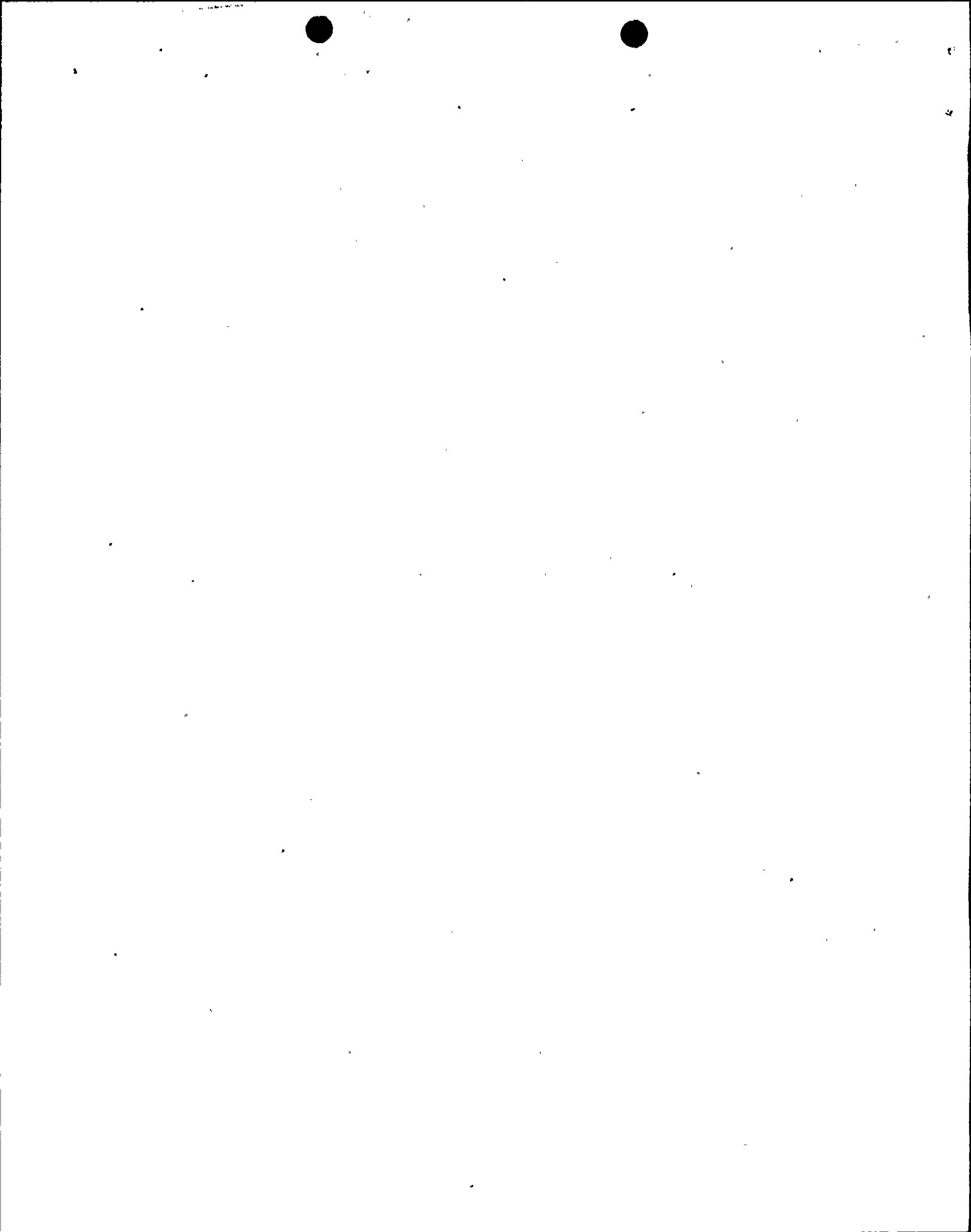
III. Cause of Event

A. Immediate cause:

The sample was not counted for principal gammas after being submitted to the count room for counting.

B. Root cause:

Personnel error (cognitive error) in that the counting room technician overlooked counting of the sample, and the C&RP Foreman did not discover this error during his review of the counting data. Collection of the iodine and particulate samples is documented on a technician turnover log. The responsibility for review of sample results is shared by two foremen. In the past, sample results for the particulate and iodine samples may have left the count room at different times and been reviewed by separate C&RP Foremen. This allowed a sample to be missed in the count room without the foremen detecting it during the review process.



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		87	027	01	04	OF 04

TEXT (If more space is required, use additional NRC Form 305A's) (17)

IV. Analysis of the Event

The results of particulate samples for several days before and after this missed surveillance showed no detectable activity, and a review of 2-RE-28 A/B (plant vent continuous air particulate monitor) data showed no detectable activity. Thus no safety consequences or implications resulted from this event.

V. Corrective Action

Chemical Analysis Procedure A-6 "Gaseous Radwaste Discharge Management", will be revised to include a note that requires the C&RP Foreman to review both the Iodine and Particulate sample results at the same time. This, coupled with the C&RP Foreman review of the technician turn over log, which documents sample collection, will ensure that the samples are collected and counted.

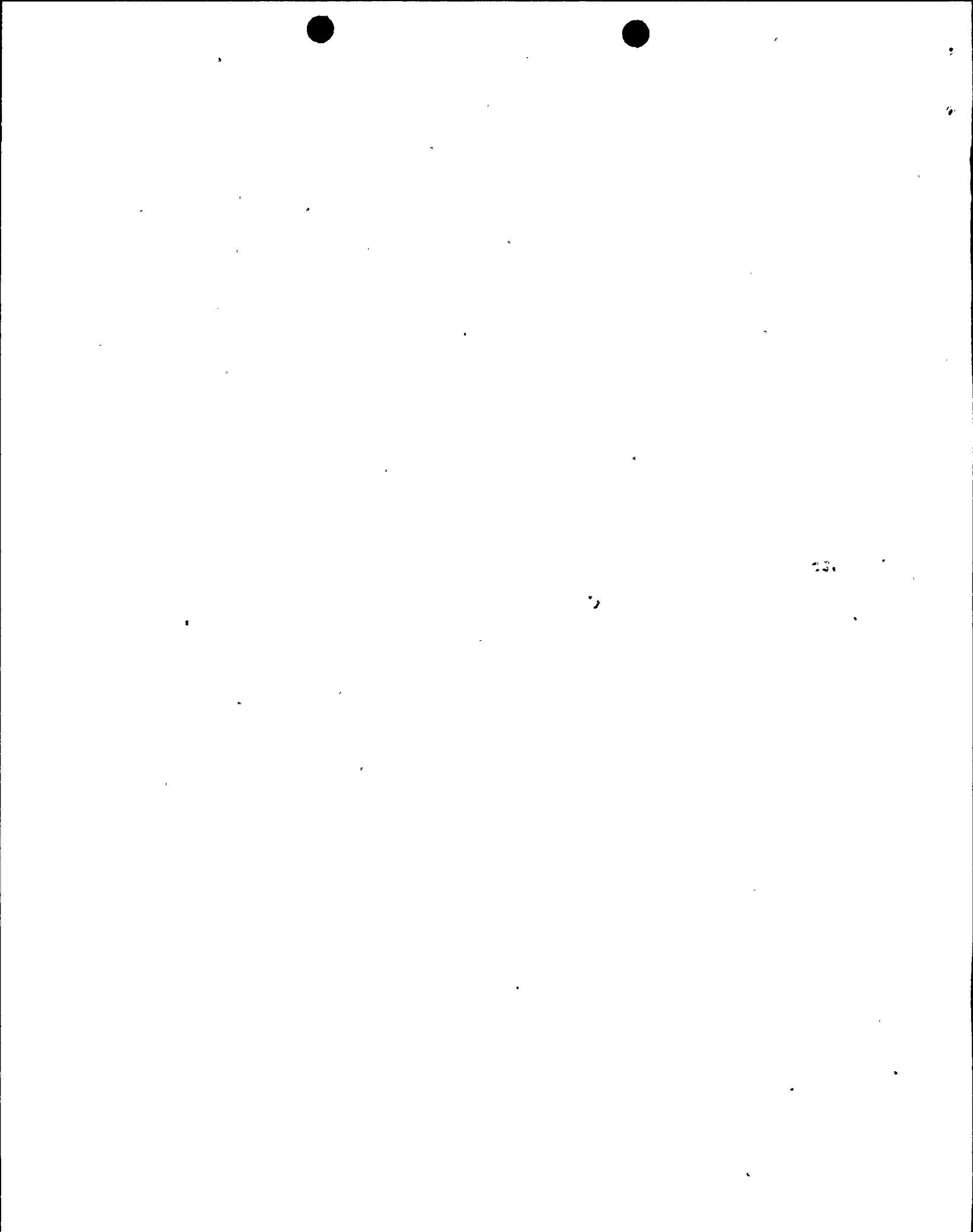
VI. Additional Information

A. Failed components:

None

B. Previous LER on similar events:

- 2-86-009 - Missed surveillance due to technician failing to change plant vent sample media. The applicable procedure was revised for this LER, requiring the C&RP Foreman to review the turnover checklist daily. Since the particulate sample was collected but not counted in the current case, review of the technician turnover checklist would not have prevented this error.



PACIFIC GAS AND ELECTRIC COMPANY

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JAMES D. SHIFFER
VICE PRESIDENT
NUCLEAR POWER GENERATION

April 15, 1987

PGandE Letter No.: DCL-87-075

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 2-86-027-01
Missed Surveillance of a Plant Vent
Particulate Sample Due to Personnel
Error

gentlemen:

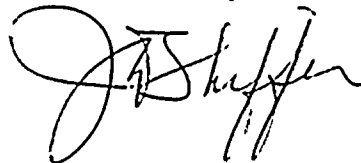
Pursuant to 10 CFR 50.73(a)(2)(i), PGandE is submitting the enclosed revision to Licensee Event Report 2-86-027-00 concerning a surveillance not performed within Technical Specifications, required time limitations.

This event was discovered during a management review of Chemistry and Radiation Protection counting data.

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,



Enclosure

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

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