

December 28, 1987

Corrected Copy

Docket Nos.: 50-275
and 50-323

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Mr. J. D. Shiffer, Vice President
Nuclear Power Generation
c/o Nuclear Power Generation, Licensing
Pacific Gas and Electric Company
77 Beale Street, Room 1451
San Francisco, California 94106

Dear Mr. Shiffer:

SUBJECT: ISSUANCE OF AMENDMENTS (TAC NOS. 61672 AND 61673)

The Commission has issued the enclosed Amendment No.26 to Facility Operating License No. DPR-80 and Amendment No.25 to Facility Operating License No. DPR-82 for the Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application dated June 10, 1986 (LAR 86-05).

These amendments clarify the types of radioactivity analyses and lower limits of detection for gaseous effluents from the waste gas decay tanks, the plant vent, containment purge, and the steam generator blowdown tank vent.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular bi-weekly Federal Register notice.

Sincerely,

Charles M. Trammell, Project Manager
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosures:

1. Amendment No. 26 to DPR-80
2. Amendment No. 25 to DPR-82
3. Safety Evaluation

cc w/enclosures:
See next page

*NRR: PRPB
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12/14/87*

*DRSP/PD5
JLee
11/30/87*

*DRSP/PD5
CTrammell
12/1/87*

*NRR: SPLB
JCraig
12/1/87*

*OGC
12/1/87*

*DRSP/D: PD5
GKnighton
12/28/87*

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PDR

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Diablo Canyon

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Diablo Canyon

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PACIFIC GAS AND ELECTRIC COMPANY
DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1
DOCKET NO. 50-275
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 26
License No. DPR-80

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Pacific Gas & Electric Company (the licensee) dated June 10, 1986 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-80 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 26, are hereby incorporated in the license. Pacific Gas & Electric Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan, except where otherwise stated in specific license conditions.

3. This license amendment becomes effective at the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Charles M. Trammell
for George W. Knighton, Director
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 28, 1987



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PACIFIC GAS AND ELECTRIC COMPANY
DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2
DOCKET NO. 50-323
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 25
License No. DPR-82

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Pacific Gas & Electric Company (the licensee) dated June 10, 1986 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public;
and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-82 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 25, are hereby incorporated in the license. Pacific Gas & Electric Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan, except where otherwise stated in specific license conditions.

3. This license amendment becomes effective at the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

for *Charles M. Trammell*
George W. Knighton, Director
Project Directorate V
Division of Reactor Projects - III,
IV, V and Special Projects

Attachment:
Changes to the Technical
Specifications

Date of Issuance: December 28, 1987

ATTACHMENT TO LICENSE AMENDMENT NOS. 26 AND 25
FACILITY OPERATING LICENSE NOS. DPR-80 AND DPR-82
DOCKET NOS. 50-275 AND 50-323

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

Remove

3/4 11-9

Insert

3/4 11-9

TABLE 4.11-2

RADIOACTIVE GASEOUS WASTE SAMPLING AND ANALYSIS PROGRAM

| GASEOUS RELEASE TYPE | SAMPLING FREQUENCY | MINIMUM ANALYSIS FREQUENCY | TYPE OF ACTIVITY ANALYSIS | LOWER LIMIT OF DETECTION (LLD) ($\mu\text{Ci}/\text{ml}$) ⁽¹⁾ |
|---|--|--|--|--|
| 1. Waste Gas Decay Tank | P Each Tank Grab Sample | P Each Tank | Principal Gamma Emitters ⁽⁷⁾ (noble gases) | 1×10^{-4} |
| 2. Containment Purge | P Each Purge ⁽²⁾ Grab Sample | P Each Purge ⁽²⁾ | Principal Gamma Emitters ⁽⁷⁾ (noble gases) | 1×10^{-4} |
| | | | I-131, I-133 | 1×10^{-9} |
| | | | Principal Gamma Emitters (particulates) | 1×10^{-9} |
| | | | H-3 | 1×10^{-6} |
| 3. Plant Vent | M ⁽²⁾ Grab Sample | M ⁽²⁾ | Principal Gamma Emitters ⁽⁷⁾ (noble gases) | 1×10^{-4} |
| | W ⁽³⁾⁽⁵⁾ Grab Sample | W | H-3 | 1×10^{-6} |
| 4. All Release Types as listed in 1., 2., 3., above, at the plant vent. | Continuous ⁽⁶⁾ | W ⁽⁴⁾ Charcoal Sample | I-131 | 1×10^{-12} |
| | Continuous ⁽⁶⁾ | W ⁽⁴⁾ Particulate Sample | I-133 | 1×10^{-10} |
| | Continuous ⁽⁶⁾ | M Composite Particulate Sample | Principal Gamma Emitters ⁽⁷⁾ | 1×10^{-11} |
| | Continuous ⁽⁶⁾ | Q Composite Particulate Sample | Gross Alpha | 1×10^{-11} |
| 5. Steam Generator Blowdown Tank Vent | M ⁽⁸⁾ | M ⁽⁸⁾ | Principal Gamma Emitters ⁽⁷⁾ (noble gases) | 1×10^{-4} |



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 26 TO FACILITY OPERATING LICENSE NO. DPR-80
AND AMENDMENT NO. 25 TO FACILITY OPERATING LICENSE NO. DPR-82
PACIFIC GAS AND ELECTRIC COMPANY
DIABLO CANYON NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-275 AND 50-323

1.0 INTRODUCTION

By letter dated June 10, 1986, Pacific Gas and Electric Company (PG&E or the licensee) requested amendments to the Technical Specifications appended to Facility Operating License Nos. DPR-80 and DPR-82 for the Diablo Canyon Nuclear Power Plant, Unit Nos. 1 and 2. The proposed amendments would clarify the types of radioactivity analyses and lower limits of detection for gaseous effluents from the waste gas decay tanks, the plant vent, containment purge, and the steam generator blowdown tank vent.

2.0 EVALUATION

The amendments are proposed by PG&E in response to an NRC inspection report IR 50-275/85-41 dated January 24, 1986. This report observed that the surveillance requirement for sampling radioactive gases for the containment purge pathway before release did not include sampling for I-131, I-133, and radionuclides in particulate form with half-lives greater than 8 days. This was not consistent with the limiting condition for operation which contains dose rate limits based on these radionuclides.

In response, PG&E revised its procedures to include sampling for iodine and particulates and committed to propose a change to the technical specification to correct the deficiency.

The proposed change adds specific requirements for sampling for I-131, I-133 and particulates, together with appropriate lower limits of detection, and closes out the actions committed to in the PG&E letter of February 24, 1986. The proposed change is fully consistent with the commitments and is acceptable.

In addition, the licensee proposes to clarify the type of activity analysis required for the waste gas decay tank, the plant vent, and the steam generator blowdown tank by the adding term "noble gases" to the sample for principal gamma emitters to avoid the type of confusion that arose with respect to the sample for principal gamma emitters for the containment purge. This clarification is acceptable.

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3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve changes in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20. We have determined that the amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

4.0 CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and (3) the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: Charles M. Trammell

Dated: December 28, 1987