

AUG 31 1982

Docket No.: 50-361

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Rosemead, California 91770

Mr. Gary D. Cotton  
Mr. Louis Bernath  
San Diego Gas & Electric Company  
101 Ash Street  
Post Office Box 1831  
San Diego, California 92112

Gentlemen:

Subject: Issuance of Amendment No. 6 to Facility Operating License NPF-10  
San Onofre Nuclear Generating Station, Unit 2

The Nuclear Regulatory Commission has issued Amendment No. 6 to Facility Operating License NPF-10 for the San Onofre Nuclear Station, Unit 2, located in San Diego County, California.

This amendment is in response to your letter, dated August 5, 1982. The amendment temporarily modifies the technical specifications to allow containment purging for two hours with the containment purge system noble gas activity monitor inoperable and the vent stack monitor aligned to the purge stack to monitor containment purge gaseous effluent activity. The modification shall remain in effect until September 6, 1982, after which time the original technical specification applies. Telephone approval authorizing this temporary modification was given to Southern California Edison Company (SCE) on August 5, 1982, and was confirmed by letter dated August 11, 1982.

A copy of the related safety evaluation supporting Amendment No. 6 to Facility Operating License NPF-10 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by  
D. E. Sells for/

Frank J. Miraglia, Chief  
Licensing Branch No. 3  
Division of Licensing

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P PDR

Enclosures:

1. Amendment No. 6
2. Safety Evaluation
3. Federal Register Notice

Distribution:  
See next page

**N004**

cc w/enclosures:

As stated

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

SOUTHERN CALIFORNIA EDISON COMPANY

SAN DIEGO GAS AND ELECTRIC COMPANY

THE CITY OF RIVERSIDE, CALIFORNIA

THE CITY OF ANAHEIM, CALIFORNIA

DOCKET NO. 50-361

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 6  
License No. NPF-10

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the San Onofre Nuclear Generating Station, Unit 2 (the facility) Facility Operating License No. NPF-10 filed by the Southern California Edison Company on behalf of itself and San Diego Gas and Electric Company, The City of Riverside and The City of Anaheim, California (licensees) dated August 5, 1982, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, as amended, 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 set forth in 10 CFR Chapter I;
  - D. The issuance of this license amendment will not be inimical to the common defense and security or to the health and safety of the public;
  - 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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P PDR

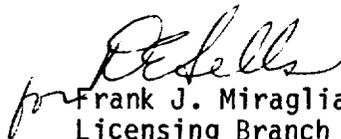
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C(2) of Facility Operating License No. NPF-10 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 6, are hereby temporarily incorporated in the license. SCE shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This amendment is effective from August 6, 1982 through September 6, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

  
for Frank J. Miraglia, Chief  
Licensing Branch No. 3  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: AUG 31 1982

AUG 31 1982

AMENDMENT TO LICENSE AMENDMENT NO. 6

FACILITY OPERATING LICENSE NO. NPF-10

DOCKET NO. 50-361

From August 6, 1982 through September 6, 1982 replace the following pages of the Appendix A Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Overleaf  
Page

3/4 3-69

Amended  
Page

3/4 3-70  
3/4 3-70A

TABLE 3.3-13

RADIOACTIVE GASEOUS EFFLUENT MONITORING INSTRUMENTATION

	<u>INSTRUMENT</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABILITY</u>	<u>ACTION</u>
1.	WASTE GAS HOLDUP SYSTEM			
a.	Noble Gas Activity Monitor - Providing Alarm and Automatic Termination of Release - 2/3 RT - 7814 or 2/3 RT - 7808	1	*	35
b.	Effluent System Flow Rate Measuring Device	1	*	36
2.	WASTE GAS HOLDUP SYSTEM EXPLOSIVE GAS MONITORING SYSTEM			
a.	Hydrogen Monitor	2	**	39
b.	Oxygen Monitor	2	**	39
3.	CONDENSER EVACUATION SYSTEM			
a.	Noble Gas Activity Monitor - 2RT - 7818 or 2RT - 7870-1	1	*	37, (a)
b.	Iodine Sampler	1	*	40
c.	Particulate Sampler	1	*	40
d.	Flow Rate Monitor	1	*	36
4.	PLANT VENT STACK			
a.	Noble Gas Activity Monitor - - 2/3 RT - 7808, or 2RT-7865-1 and 3RT-7865-1	1	*	37, (a)
b.	Iodine Sampler	1	*	40
c.	Particulate Sampler	1	*	40
d.	Flow Rate Monitor	1	*	36
e.	Sampler Flow Rate Measuring Device	1	*	36
5.	CONTAINMENT PURGE SYSTEM			
a.	Noble Gas Activity Monitor - Providing Alarm and Automatic Termination of Release - 2RT - 7804-1	1	*	38, (b),(c)
b.	Iodine Sampler	1	*	40, (c)
c.	Particulate Sampler	1	*	40, (b), (c)
d.	Flow Rate Monitor	1	*	36
e.	Sampler Flow Rate Measuring Device	1	*	36

TABLE 3.3-13 (Continued)

TABLE NOTATION

\* At all times.

\*\* During waste gas holdup system operation (treatment for primary system offgases).

- a) In accordance with Table 3.3-6 ACTION 19
- b) In accordance with the ACTION Requirements of Specification 3.4.5.1 (Modes 1, 2, 3 and 4)
- c) In accordance with the ACTION Requirement of Specification 3.9.9 (Mode 6)

ACTION 35 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, the contents of the tank(s) may be released to the environment for up to 14 days provided that prior to initiating the release:

- a. At least two independent samples of the tank's contents are analyzed, and
- b. At least two technically qualified members of the Facility Staff independently verify the release rate calculations and discharge valve lineup;

Otherwise, suspend release of radioactive effluents via this pathway.

ACTION 36 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via this pathway may continue for up to 30 days provided the flow rate is estimated at least once per 4 hours.

ACTION 37 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via this pathway may continue for up to 30 days provided grab samples are taken at least once per 8 hours and these samples are analyzed for gross activity within 24 hours.

ACTION 38 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, immediately suspend PURGING of radioactive effluents via this pathway. (See Note 1.)

ACTION 39 - With the number of channels OPERABLE one less than required by the Minimum Channels OPERABLE requirement, operation of this system may continue for up to 14 days. With two channels inoperable, be in at least HOT STANDBY within 6 hours.

ACTION 40 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, effluent releases via the affected pathway may continue for up to 30 days provided samples are continuously collected with auxiliary sampling equipment as required in Table 4.11-2.

TABLE 3.3-13 (Continued)

TABLE NOTATION

Note 1

From August 6, 1982, through September 6, 1982, containment purge with Noble Gas Activity Monitor 2RT-7804-1 inoperable is permissible for no more than two hours per day provided that:

- (1) Vent stack monitor 2RT-7865-1 is OPERABLE and aligned to the purge stack for the duration of the purge.
- (2) In the event of a high activity alarm on 2RT-7865-1 during the purge, an operator will (a) suspend containment purge and then (b) realign 2RT-7865-1 to the vent stack.
- (3) When purging is completed, 2RT-7865-1 is returned to its normal alignment.



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

SAFETY EVALUATION

AMENDMENT NO. 6 TO NPF-10

SAN ONOFRE NUCLEAR GENERATING STATION , UNIT 2

DOCKET NO. 50-361

Introduction

By letter dated August 5, 1982, the Southern California Edison Company (the licensee) requested a change to the San Onofre Nuclear Generating Station, Unit 2, Technical Specifications, Table 3.3-13, Radioactive Gaseous Effluent Monitoring Instrumentation. Specifically, this change will permit limited purging of the Unit 2 containment utilizing the wide range monitor 2RT-7865-1 for monitoring the Unit 2 containment purge exhaust when the containment airborne monitor 2RT-7804-1 is inoperable.

Evaluation

In Supplement No. 5 to the Safety Evaluation Report for San Onofre, Units 2 and 3, we stated that the licensee's proposal to utilize the normal range containment airborne monitor 2RT-7804-1 and the associated sampling media for continuous monitoring and sampling of the containment purge exhaust of Unit 2 is acceptable until the startup after the first refueling outage. The licensee has subsequently requested, by letter dated August 5, 1982, to change the technical specification relating to the above monitor. Specifically, the licensee proposes to utilize the wide range noble gas monitor 2RT-7865-1 and the associated sampling media for monitoring and sampling the containment purge exhaust of Unit 2 when Unit 2 containment is purged and when the containment airborne monitor 2RT-7804-1 is inoperable.

We have reviewed the licensee's request for change in technical specifications, referenced above, and concluded that the requested change is acceptable for 30 days, thereby allowing time to repair 2RT-7804-1. We will consequently amend the technical specification relating to the above item accordingly. We have accepted the requested change in technical specifications for the following reasons:

1. The wide range monitor 2RT-7865-1 overlaps completely the normal range provided by the normal range containment airborne monitor 2RT-7804-1 and consequently can monitor the normal range concentrations.
2. When the normal range containment airborne monitor is inoperable and the wide range monitor is used, the purging of the containment will be restricted to two hours a day.
3. On detection of high radiation on the exhaust line of the containment purge for Unit 2, the containment purge exhaust for Unit 2 will be terminated.

### Environmental Consideration

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power levels and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact, and pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

### Conclusion

Based upon our evaluation of the proposed changes to the San Onofre, Unit 2 Technical Specifications, we have concluded that: (1) because this amendment does not involve a significant increase in the probability or consequences of accidents previously considered, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant decrease in a safety margin, this amendment does not involve a significant safety hazards consideration; (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public. We, therefore, conclude that the proposed changes are acceptable.

Dated: AUG 31 1982

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-361

SOUTHERN CALIFORNIA EDISON COMPANY, ET AL

NOTICE OF ISSUANCE OF AMENDMENT

FACILITY OPERATING LICENSE NO. NPF-10

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 6 to Facility Operating License No. NPF-10, issued to Southern California Edison Company, San Diego Gas and Electric Company, The City of Riverside, California and The City of Anaheim, California (licensees) for the San Onofre Nuclear Generating Station, Unit 2 (the facility) located in San Diego County, California.

Amendment No. 6 temporarily (for 30 days) changes the technical specifications to allow the containment vent stack monitor to be used to monitor containment purge gaseous effluents when the containment purge monitor is inoperable. Telephone approval authorizing this temporary modification was given on August 6, 1982 and confirmed by letter dated August 11, 1982.

Issuance of this amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment.

Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

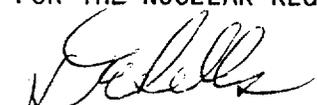
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR 51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) Southern California Edison Company's letter dated August 5, 1982, (2) Amendment No. 6 to Facility Operating License No. NPF-10, and (3) the Commission's related Safety Evaluation.

These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and the San Clemente Library, 242 Avenida Del Mar, San Clemente, California 02672. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 31<sup>st</sup> day of August, 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Donald E. Sells, Acting Chief  
Licensing Branch No. 3  
Division of Licensing