

May 9, 1989

Docket Nos. 50-361 and 50-362

Mr. Kenneth P. Baskin  
Vice President  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

Mr. Gary D. Cotton  
Senior Vice President  
Engineering and Operations  
San Diego Gas & Electric Company  
101 Ash Street  
P.O. Box 1831  
San Diego, California 92112

Gentlemen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 71 TO FACILITY OPERATING LICENSE NO. NPF-10 AND AMENDMENT NO. 59 TO FACILITY OPERATING LICENSE NO. NPF-15 SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3 (TAC NOS. 72104 AND 72105)

The Commission has issued the enclosed amendments to Facility Operating Licenses NPF-10 and NPF-15 for San Onofre Nuclear Generating Station, Units 2 and 3, respectively. The amendments consist of changes to the Technical Specifications in response to your application dated February 14, 1989.

The amendments revise Technical Specification 6.2.2.g, "Unit Staff," to explicitly require the Assistant Plant Superintendent to maintain a senior reactor operator license. This request was designated by you as PCN-285.

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

Sincerely,

/s/

Donald E. Hickman, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosures:

1. Amendment No. 71 to License No. NPF-10
2. Amendment No. 59 to License No. NPF-15
3. Safety Evaluation

cc w/enclosures:  
See next page

DISTRIBUTION

Docket File	BGrimes
NRC & LPDRs	TBarnhart (8)
PD5 Plant File	EButcher
MVirgilio	ACRS (10)
JLee	GPA/PA
OGC-WF	ARM/LFMB
DHagan	WJones
EJordan	DHickman
	CTrammell

\*See previous concurrence

OFC: DRSP/PDV/LA	: DRSP/PDV/PM*	: OGC	: DRSP/D:PDV	:	:
NAME: JLee:jk	: DEHickman	: [Signature]	: GWK [Signature]	:	:
DATE: 4/26/88	: 04/13/88	: 5/1/88	: 5/9/88	:	:

OFFICIAL RECORD COPY

8905190413 890509  
PDR ADOCK 05000361  
P PIC

DFol  
11

CP  
[Signature]



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

May 9, 1989

Docket Nos. 50-361 and 50-362

Mr. Kenneth P. Baskin  
Vice President  
Southern California Edison Company  
2244 Walnut Grove Avenue  
Post Office Box 800  
Rosemead, California 91770

Mr. Gary D. Cotton  
Senior Vice President  
Engineering and Operations  
San Diego Gas & Electric Company  
101 Ash Street  
P.O. Box 1831  
San Diego, California 92112

Gentlemen:

SUBJECT: ISSUANCE OF AMENDMENT NO. 71 TO FACILITY OPERATING LICENSE NO.  
NPF-10 AND AMENDMENT NO. 59 TO FACILITY OPERATING LICENSE NO.  
NPF-15 SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3  
(TAC NOS. 72104 AND 72105)

The Commission has issued the enclosed amendments to Facility Operating Licenses NPF-10 and NPF-15 for San Onofre Nuclear Generating Station, Units 2 and 3, respectively. The amendments consist of changes to the Technical Specifications in response to your application dated February 14, 1989.

The amendments revise Technical Specification 6.2.2.g, "Unit Staff," to explicitly require the Assistant Plant Superintendent to maintain a senior reactor operator license. This request was designated by you as PCN-285.

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

Sincerely,

A handwritten signature in dark ink, appearing to read "Donald E. Hickman".

Donald E. Hickman, Project Manager  
Project Directorate V  
Division of Reactor Projects - III,  
IV, V and Special Projects

Enclosures:

1. Amendment No. 71 to License No. NPF-10
2. Amendment No. 59 to License No. NPF-15
3. Safety Evaluation

cc w/enclosures:  
See next page

Mr. Kenneth P. Baskin  
Southern California Edison Company

San Onofre Nuclear Generating  
Station, Units 2 and 3

CC:

Charles R. Kocher, Esq.  
James A. Beoletto, Esq.  
Southern California Edison Company  
2244 Walnut Grove Avenue  
P. O. Box 800  
Rosemead, California 91770

Mr. Mark Medford  
Southern California Edison Company  
2244 Walnut Grove Avenue  
P. O. Box 800  
Rosemead, California 91770

Orrick, Herrington & Sutcliffe  
ATTN: David R. Pigott, Esq.  
600 Montgomery Street  
San Francisco, California 94111

Mr. Robert G. Lacy  
Manager, Nuclear Department  
San Diego Gas & Electric Company  
P. O. Box 1831  
San Diego, California 92112

Alan R. Watts, Esq.  
Rourke & Woodruff  
701 S. Parker St. No. 7000  
Orange, California 92668-4702

Mr. Paul Szalinski, Chief  
Radiological Health Branch  
State Department of Health Services  
714 P Street, Building #8  
Sacramento, California 95814

Mr. Hans Kaspar, Executive Director  
Marine Review Committee, Inc.  
531 Encinitas Boulevard, Suite 105  
Encinitas, California 92024

Resident Inspector, San Onofre NPS  
c/o U.S. Nuclear Regulatory Commission  
Post Office Box 4329  
San Clemente, California 92672

Mr. Charles B. Brinkman  
Combustion Engineering, Inc.  
12300 Twinbrook Parkway, Suite 330  
Rockville, Maryland 20852

Regional Administrator, Region V  
U.S. Nuclear Regulatory Commission  
1450 Maria Lane/Suite 210  
Walnut Creek, California 94596

Mr. Dennis F. Kirsh  
U.S. Nuclear Regulatory Commission  
Region V  
1450 Maria Lane, Suite 210  
Walnut Creek, California 94596

Chairman, Board Supervisors  
San Diego County  
1600 Pacific Highway, Room 335  
San Diego, California 92101

Mr. Sherwin Harris  
Resource Project Manager  
Public Utilities Department  
City of Riverside  
City Hall  
3900 Main Street  
Riverside, California 92522

Mayor, City of San Clemente  
San Clemente, California 92672



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 NO. 2  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 71  
License No. NPF-10

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the license for San Onofre Nuclear Generating Station, Unit 2 (the facility) filed by Southern California Edison Company (SCE) on behalf of itself and San Diego Gas and Electric Company, the City of Riverside, California and the City of Anaheim, California (licensees) dated February 14, 1989 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.

8905190423 890509  
PDR ADOCK 05000361  
P FDC

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. 71, are hereby incorporated in the license. SCE shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance and must be fully implemented no later than 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
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: May 9, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 71

FACILITY OPERATING LICENSE NO. NPF-10

DOCKET NO. 50-361

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by amendment number and contain marginal lines indicating the area of change. Also enclosed are the following overleaf pages to the amended pages.

AMENDMENT PAGE

6-1a

OVERLEAF PAGE

6-1

## ADMINISTRATIVE CONTROLS

### 6.1 RESPONSIBILITY

6.1.1 The Station Manager shall be responsible for overall unit operation and shall delegate in writing the succession to this responsibility during his absence.

6.1.2 The Shift Supervisor (or during his absence from the Control Room Area, a designated individual) shall be responsible for the Control Room command function. A management directive to this effect, signed by the Vice-President of Nuclear Operations shall be reissued to all station personnel on an annual basis.

### 6.2 ORGANIZATION

#### OFFSITE

6.2.1 Onsite and offsite organizations shall be established for unit operation and corporate management, respectively. The onsite and offsite organizations shall include the positions for activities affecting the safety of the nuclear power plant.

- a. Lines of authority, responsibility, and communication shall be established and defined for the highest management levels through intermediate levels to and including all operating organization positions. These relationships shall be documented and updated, as appropriate, in the form of organization charts, functional descriptions of departmental responsibilities and relationships, and job descriptions for key personnel positions, or in equivalent forms of documentation. These requirements shall be documented in the FSAR.
- b. The Station Manager shall be responsible for overall unit safe operation and shall have control over those onsite activities necessary for safe operation and maintenance of the plant.
- c. The Vice President, Nuclear Engineering, Safety, and Licensing and the Vice President and Site Manager shall have corporate responsibility for overall plant nuclear safety. The Vice President and Site Manager shall take any measures needed to ensure acceptable performance of the staff in operating and maintaining the plant to ensure nuclear safety. The Vice President, Nuclear Engineering, Safety and Licensing shall take any measures needed to ensure acceptable performance of the staff in providing technical support to the plant to ensure nuclear safety.
- d. The individuals who train the operating staff and those who carry out health physics and quality assurance functions may report to the appropriate onsite manager; however, they shall have sufficient organizational freedom to ensure their independence from operating pressures.

## ADMINISTRATIVE CONTROLS

---

### UNIT STAFF

- 6.2.2 a. Each on duty shift shall be composed of at least the minimum shift crew composition shown in Table 6.2-1.
- b. At least one licensed Reactor Operator shall be in the Control Room when fuel is in the reactor. In addition, while the unit is in MODE 1, 2, 3 or 4, at least one licensed Senior Reactor Operator shall be in the Control Room area identified as such on Table 6.2-1.
- c. A health physics technician<sup>#</sup> shall be on site when fuel is in the reactor.
- d. All CORE ALTERATIONS shall be observed and directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
- e. A site Fire Brigade of at least 5 members shall be maintained onsite at all times.<sup>#</sup> The Fire Brigade shall not include the Shift Supervisor and the 2 other members of the minimum shift crew necessary for safe shutdown of the unit and any personnel required for other essential functions during a fire emergency.
- f. Reserved.
- g. The Plant Superintendent (at time of appointment), the Assistant Plant Superintendent, Shift Superintendents and Control Room Supervisors shall hold a senior reactor operator license. The Control Operators and Assistant Control Operators shall hold a reactor operator license.

---

<sup>#</sup>The health physics technician and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accommodate unexpected absence provided immediate action is taken to fill the required positions.

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. 50-362

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 59  
License No. NPF-15

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the license for San Onofre Nuclear Generating Station, Unit 3 (the facility) filed by Southern California Edison Company (SCE) on behalf of itself and San Diego Gas and Electric Company, the City of Riverside, California and the City of Anaheim, California (licensees) dated February 14, 1989 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. NPF-15 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. 59, are hereby incorporated in the license. SCE shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of the date of its issuance and must be fully implemented no later than 30 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
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: May 9, 1989

ATTACHMENT TO LICENSE AMENDMENT NO. 59

FACILITY OPERATING LICENSE NO. NPF-15

DOCKET NO. 50-362

Revise Appendix A Technical Specifications by removing the pages identified below and inserting the enclosed pages. The revised pages are identified by amendment number and contain marginal lines indicating the area of change. Also enclosed are the following overleaf pages to the amended pages.

AMENDMENT PAGE

6-2

OVERLEAF PAGE

6-3

## ADMINISTRATIVE CONTROLS

---

### UNIT STAFF (Continued)

- f. Administrative procedures shall be developed and implemented to limit the working hours of unit staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physicists, auxiliary operators, and key maintenance personnel.

Adequate shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel work a normal 8-hour day, 40-hour week while the plant is operating. However, in the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shut-down for refueling, major maintenance or major plant modifications, on a temporary basis, the following guidelines shall be followed:

- 1) An individual should not be permitted to work more than 16 hours straight, excluding shift turnover time.
- 2) An individual should not be permitted to work more than 16 hours in any 24-hour period, nor more than 24 hours in any 48-hour period, nor more than 72 hours in any 7-day period, all excluding shift turnover time.
- 3) A break of at least eight hours should be allowed between work periods, including shift turnover time.
- 4) Except during extended shutdown periods, the use of overtime should be considered on an individual basis and not for the entire staff on a shift.

Any deviation from the above guidelines shall be authorized by the Station Manager, his deputy, the Manager, Operations or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Controls shall be included in the procedures such that individual overtime shall be reviewed monthly by the Station Manager or his designee to assure that excessive hours have not been assigned. Routine deviation from the above guidelines is not authorized.

- g. The Plant Superintendent (at time of appointment), the Assistant Plant Superintendent, Shift Superintendents and Control Room Supervisors shall hold a senior reactor operator license. The Control Operators and Assistant Control Operators shall hold a reactor operator license.

(This page intentionally blank)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 71 TO FACILITY OPERATING LICENSE NO. NPF-10  
AND AMENDMENT NO. 59 TO FACILITY OPERATING LICENSE NO. NPF-15

SOUTHERN CALIFORNIA EDISON COMPANY

SAN DIEGO GAS AND ELECTRIC COMPANY

THE CITY OF RIVERSIDE, CALIFORNIA

THE CITY OF ANAHEIM, CALIFORNIA

SAN ONOFRE NUCLEAR GENERATING STATION, UNITS 2 AND 3

DOCKET NOS. 50-361 AND 50-362

1.0 INTRODUCTION

By letter dated February 14, 1989, Southern California Edison Company (SCE), et al. (the licensees), requested a change to the Technical Specifications for Facility Operating Licenses No. NPF-10 and NPF-15 that authorize operation of San Onofre Nuclear Generating Station (SONGS), Units 2 and 3 in San Diego County, California.

2.0 EVALUATION

Individuals who are designated to be responsible for directing the licensed activities of licensed operators are required by 10 CFR 50.54(1) to maintain a senior reactor operator (SRO) license. At SONGS Units 2 and 3, the Assistant Plant Superintendent is designated to be responsible for directing the licensed activities of licensed operators. Technical Specification 6.2.2.g specifies the SRO license requirements for the unit staff, however, it does not address the Assistant Plant Superintendent position. The proposed change would modify Section 6.2.2.g to explicitly require the Assistant Plant Superintendent to hold an SRO license. The American National Standard ANSI/ANS-3.1-1987 provides guidance on the qualifications of the unit staff. The proposed Technical Specification change conforms to that guidance. Because this change meets the intent of 10 CFR 50.54(1) and ensures that the requirement is met, it is acceptable.

8905190426 890509  
FOR ADOCK 05000361  
P PIC

### 3.0 CONTACT WITH STATE OFFICIAL

The NRC staff has advised the Chief of the Radiological Health Branch, State Department of Health Services, State of California, of the proposed determination of no significant hazards consideration. No comments were received.

### 4.0 ENVIRONMENTAL CONSIDERATION

The amendments involve changes in administrative requirements. Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendments.

### 5.0 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,  
(2) such activities will be conducted in compliance with the Commission's regulations and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: D.Hickman

Dated: May 9, 1989