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Docket Nos. 50-361
and 50-362

OCT 18 1973

Southern California Edison Company
ATTN: Mr. Jack B. Moore
Vice President
2244 Walnut Grove Avenue
P. O. Box 800
Rosemead, California 91770

San Diego Gas & Electric Company
ATTN: Mr. Martin R. Engler, Jr.
Senior Vice President
101 Ash Street
P. O. Box 1831
San Diego, California 92112

Gentlemen:

The Atomic Energy Commission has issued Construction Permits Nos. CPPR-97 and CPPR-98 to you for construction of two pressurized water reactors to be known as the San Onofre Nuclear Generating Station, Units 2 and 3. The construction permits have been issued pursuant to an Initial Decision by the Atomic Safety and Licensing Board, a copy of which has already been sent to you.

Copies of the construction permits, and the related notice, which has been forwarded to the Office of the Federal Register for publication, are enclosed.

Sincerely,

Original Signed By
K. R. Goller

Karl R. Goller, Chief
Pressurized Water Reactors
Branch No. 3
Directorate of Licensing

Enclosures:

- 1. Construction Permits Nos. CPPR-97 and 98
- 2. Federal Register Notice

bcc: HJMcAlduff, ORO
JRBuchanan, ORNL
TBAbernathy, DTIE
ARosenthal, ASLAD
NHGoodrich, ASLBP

cc w/encl: See attached

FOR PREVIOUS CONCURRENCES SEE ATTACHED YELLOW

LB

OFFICE ▶	L:PWR-3 x7415	L:PWR-3	L:PWR-3	OGC	EP	
SURNAME ▶	VHWilson:esp	RABirkel	KRGoller	LChandler	DRMuller	
DATE ▶	9/6/73	9/6/73	9/7/73	9/10/73	9/7/73	

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OCT 20 1973

Southern California Edison Company
San Diego Gas and Electric Company

cc w/encls:

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Southern California Edison Company
2244 Walnut Grove Avenue
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Rosemead, California 91770

Mr. David Sakai
845 N. Perry Avenue
Montebello, California 90640

Chickering & Gregory, General Counsel
San Diego Gas & Electric Company
111 Sutter Street
San Francisco, California 94104

cc w/Initial Decision
Dr. John M. Heslep, Chief
Environmental Health and Consumer
Protection Program
Department of Public Health
2151 Berkeley Way
Berkeley, California 94704

Mr. Larry E. Moss
15201 DePauw
Pacific Palisades, California 90272

Mayor of the City of
San Clemente
San Clemente, California 92672

Bruce Sharpe, Esq.
Charn, Sharpe, Farren & Kresse
308 North H Street
Lompoc, California 93436

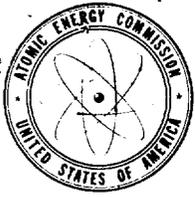
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California Public Utilities Commission
5066 State Building
San Francisco, California 94102

OFFICE ▶						
SURNAME ▶						
DATE ▶						



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

SOUTHERN CALIFORNIA EDISON COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY

DOCKET NO. 50-361

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2

CONSTRUCTION PERMIT

Construction Permit No. CPPR-97

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for construction permit complies with the requirements of the Atomic Energy Act of 1954, as amended, and the rules and regulations of the Commission, there is reasonable assurance that the activities authorized by the permit will be conducted in compliance with the rules and regulations of the Commission, and all required notifications to other agencies or bodies have been duly made;
 - B. The Southern California Edison Company and San Diego Gas & Electric Company (the Applicants) have described the proposed design of the San Onofre Nuclear Generating Station, Unit 2 (the facility), including, but not limited to, the principal architectural and engineering criteria for the design and have identified the major features or components incorporated therein for the protection of the health and safety of the public;
 - C. Such further technical or design information as may be required to complete the safety analysis, and which can reasonably be left for later consideration, will be supplied in the final safety analysis report;
 - D. Safety features or components, if any, which require research and development have been described by the Applicants and the Applicants have identified, and there will be conducted, a research and development program reasonably designed to resolve any safety questions associated with such features or components;

- E. On the basis of the foregoing, there is reasonable assurance that (i) such safety questions will be satisfactorily resolved at or before the latest date stated in the application for completion of construction of the proposed facility and (ii) taking into consideration the site criteria contained in 10 CFR Part 100, the proposed facility can be constructed and operated at the proposed location without undue risk to the health and safety of the public;
 - F. The Applicants are technically qualified to design and construct the proposed facility;
 - G. The Applicants are financially qualified to design and construct the proposed facility;
 - H. The issuance of a permit for the construction of the facility will not be inimical to the common defense and security or to the health and safety of the public; and
 - I. After weighing the environmental, economic, technical and other benefits of the facility against environmental costs and considering available alternatives, the issuance of a construction permit (subject to the conditions for protection of the environment set forth herein) is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied.
2. Pursuant to Section 103 of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter I, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities," and pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated October 15, 1973, the Atomic Energy Commission (the Commission) hereby issues a construction permit to the Applicants for a utilization facility designed to operate at 3390 megawatts thermal as described in the application and amendments thereto (the application) filed in this matter by the Applicants and as more fully described in the evidence received at the public hearing upon that application. The facility, known as the San Onofre Nuclear Generating Station, Unit 2, will be located on the Applicants' site at Camp Pendleton, San Diego County, California.
3. This permit shall be deemed to contain and be subject to the conditions specified in Sections 50.54 and 50.55, of said regulations; is subject to all applicable provisions of the Act,

and rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:

- A. The earliest date for the completion of the facility is January 1, 1978, and the latest date for completion is January 1, 1979.
- B. The facility shall be constructed and located at the site as described in the application, at Camp Pendleton, San Diego County, California.
- C. This construction permit authorizes the Applicants to construct the facility described in the application and the hearing record, in accordance with the principal architectural and engineering criteria and environmental protection commitments set forth therein.
- D. Pursuant to Section 105c (8) of the Act, the Commission has consulted with the Attorney General regarding the issuance of this construction permit. After said consultation, the Commission has determined that the issuance of this permit, subject to the conditions set forth in this subparagraph D, in advance of consideration of and findings with respect to matters covered in Section 105c of the Act, is necessary in the public interest to avoid unnecessary delay in the construction of the facility. At the time this construction permit is being issued an antitrust proceeding has not been noticed. Therefore, the Commission has made no determination with respect to matters covered in Section 105c of the Act, including conditions, if any, which may be appropriate as a result of the outcome of any antitrust proceeding. On the basis of its finding made as a result of an antitrust proceeding, the Commission may continue this permit as issued, rescind this permit or amend this permit to include such conditions as the Commission deems appropriate. Southern California Edison Company and San Diego Gas & Electric Company and others who may be affected hereby are accordingly on notice that the granting of this construction permit is without prejudice to any subsequent licensing action, including the imposition of appropriate conditions, which may be taken by the Commission as a result of the outcome of any antitrust proceeding. In the course of its planning and other activities, Southern California Edison Company and San Diego Gas & Electric Company will be expected to conduct itself accordingly.

E. This facility is subject to the following conditions for the protection of the environment:

1. Plant design shall be such that:

(a) The total residual concentration of chlorine and other halogens in the immediate vicinity of the discharge from each unit will be limited to less than 0.1 mg/liter for no more than six 15-minute periods each day.

2. The Applicants will expand their current environmental monitoring program (chemical, biological and thermal) to determine environmental effects which may occur as a result of site preparation and construction of Units 2 and 3, and to establish an adequate preoperational baseline by which the operational effects of Units 2 and 3 may be judged. If harmful effects or evidence of irreversible damage are detected by the monitoring program, the Applicants will provide to the Commission an analysis of the problem and a plan of action to be taken to eliminate or significantly reduce the detrimental effects or damage.

3. Measures will be undertaken to assure good practices to minimize the impacts resulting from the clearing of land, dredging operations, construction equipment oils and lubricants, and cleaning of plant equipment and piping.

4. This permit is subject to the limitation that a license authorizing operation of the facility will not be issued by the Commission unless (a) the Applicants submit to the Commission the complete final safety analysis report, portions of which may be submitted and evaluated from time to time; (b) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; (c) the Commission finds that operation of the facility will be in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D were satisfied; and (d) the Applicants submit proof of financial protection and the execution of an indemnity agreement as required by Section 170 of the Act.

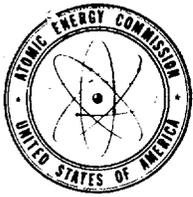
5. This permit is effective as of its date of issuance and shall expire on the latest completion date indicated in paragraph 3.A above.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
A. Giambusso

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Date of Issuance: **OCT 18 1973**



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

SOUTHERN CALIFORNIA EDISON COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY

DOCKET NO. 50-362

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 3

CONSTRUCTION PERMIT

Construction Permit No. CPPR-98

1. The Atomic Energy Commission (the Commission) having found that:
 - A. The application for construction permit complies with the requirements of the Atomic Energy Act of 1954, as amended, and the rules and regulations of the Commission, there is reasonable assurance that the activities authorized by the permit will be conducted in compliance with the rules and regulations of the Commission, and all required notifications to other agencies or bodies have been duly made:
 - B. The Southern California Edison Company and San Diego Gas & Electric Company (the Applicants) have described the proposed design of the San Onofre Nuclear Generating Station, Unit 3 (the facility), including, but not limited to, the principal architectural and engineering criteria for the design and have identified the major features or components incorporated therein for the protection of the health and safety of the public;
 - C. Such further technical or design information as may be required to complete the safety analysis, and which can reasonably be left for later consideration, will be supplied in the final safety analysis report;
 - D. Safety features or components, if any, which require research and development have been described by the Applicants and the Applicants have identified, and there will be conducted, a research and development program reasonably designed to resolve any safety questions associated with such features or components;

- E. On the basis of the foregoing, there is reasonable assurance that (i) such safety questions will be satisfactorily resolved at or before the latest date stated in the application for completion of construction of the proposed facility and (ii) taking into consideration the site criteria contained in 10 CFR Part 100, the proposed facility can be constructed and operated at the proposed location without undue risk to the health and safety of the public;
 - F. The Applicants are technically qualified to design and construct the proposed facility;
 - G. The Applicants are financially qualified to design and construct the proposed facility;
 - H. The issuance of a permit for the construction of the facility will not be inimical to the common defense and security or to the health and safety of the public; and
 - I. After weighing the environmental, economic, technical and other benefits of the facility against environmental costs and considering available alternatives, the issuance of a construction permit (subject to the conditions for protection of the environment set forth herein) is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied.
2. Pursuant to Section 103 of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter I, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities," and pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated October 15, 1973, the Atomic Energy Commission (the Commission) hereby issues a construction permit to the Applicants for a utilization facility designed to operate at 3390 megawatts thermal as described in the application and amendments thereto (the application) filed in this matter by the Applicants and as more fully described in the evidence received at the public hearing upon that application. The facility, known as the San Onofre Nuclear Generating Station, Unit 3, will be located on the Applicants' site at Camp Pendleton, San Diego County, California.
3. This permit shall be deemed to contain and be subject to the conditions specified in Sections 50.54 and 50.55, of said regulations; is subject to all applicable provisions of the Act, and

rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:

- A. The earliest date for the completion of the facility is January 1, 1979, and the latest date for completion is January 1, 1980.
- B. The facility shall be constructed and located at the site as described in the application, at Camp Pendleton, San Diego County, California.
- C. This construction permit authorizes the Applicants to construct the facility described in the application and the hearing record, in accordance with the principal architectural and engineering criteria and environmental protection commitments set forth therein.
- D. Pursuant to Section 105c (8) of the Act, the Commission has consulted with the Attorney General regarding the issuance of this construction permit. After said consultation, the Commission has determined that the issuance of this permit, subject to the conditions set forth in this subparagraph D, in advance of consideration of and findings with respect to matters covered in Section 105c of the Act, is necessary in the public interest to avoid unnecessary delay in the construction of the facility. At the time this construction permit is being issued an antitrust proceeding has not been noticed. Therefore, the Commission has made no determination with respect to matters covered in Section 105c of the Act, including conditions, if any, which may be appropriate as a result of the outcome of any antitrust proceeding. On the basis of its finding made as a result of an antitrust proceeding, the Commission may continue this permit as issued, rescind this permit or amend this permit to include such conditions as the Commission deems appropriate. Southern California Edison Company and San Diego Gas & Electric Company and others who may be affected hereby are accordingly on notice that the granting of this construction permit is without prejudice to any subsequent licensing action, including the imposition of appropriate conditions, which may be taken by the Commission as a result of the outcome of any antitrust proceeding. In the course of its planning and other activities, Southern California Edison Company and San Diego Gas & Electric Company will be expected to conduct itself accordingly.

- E. This facility is subject to the following conditions for the protection of the environment:
1. Plant design shall be such that:
 - (a) The total residual concentration of chlorine and other halogens in the immediate vicinity of the discharge from each unit will be limited to less than 0.1 mg/liter for no more than six 15-minute periods each day.
 2. The Applicants will expand their current environmental monitoring program (chemical, biological and thermal) to determine environmental effects which may occur as a result of site preparation and construction of Units 2 and 3, and to establish an adequate preoperational baseline by which the operational effects of Units 2 and 3 may be judged. If harmful effects or evidence of irreversible damage are detected by the monitoring program, the Applicants will provide to the Commission an analysis of the problem and a plan of action to be taken to eliminate or significantly reduce the detrimental effects or damage.
 3. Measures will be undertaken to assure good practices to minimize the impacts resulting from the clearing of land, dredging operations, construction equipment oils and lubricants, and cleaning of plant equipment and piping.
 4. This permit is subject to the limitation that a license authorizing operation of the facility will not be issued by the Commission unless (a) the Applicants submit to the Commission the complete final safety analysis report, portions of which may be submitted and evaluated from time to time; (b) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; (c) the Commission finds that operation of the facility will be in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D were satisfied; and (d) the Applicants submit proof of financial protection and the execution of an indemnity agreement as required by Section 170 of the Act.

5. This permit is effective as of its date of issuance and shall expire on the latest completion date indicated in paragraph 3.A above.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
A. Giambusso

A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Date of Issuance: OCT 18 1973

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NOS. 50-361 AND 50-362

SOUTHERN CALIFORNIA EDISON COMPANY

SAN DIEGO GAS AND ELECTRIC COMPANY

(San Onofre Nuclear Generating Station, Units 2 and 3)

NOTICE OF AVAILABILITY OF INITIAL DECISION OF THE ATOMIC SAFETY
AND LICENSING BOARD FOR THE SAN ONOFRE NUCLEAR GENERATING STATION,
UNITS 2 AND 3 AND ISSUANCE OF CONSTRUCTION PERMITS

Pursuant to the National Environmental Policy Act of 1969 and the United States Atomic Energy Commission's regulations, Appendix D, Sections A.9 and A.11, to 10 CFR Part 50, notice is hereby given that an Initial Decision dated October 15, 1973, by the Atomic Safety and Licensing Board in the above captioned proceeding authorizing issuance of construction permits to the Southern California Edison Company and the San Diego Gas and Electric Company for construction of the San Onofre Nuclear Generating Station, Units 2 and 3, located in San Diego County, California, is available for inspection by the public in the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. and in the San Clemente Public Library, 233 Granada Street, San Clemente, California 92672.

The Initial Decision is also being made available at the San Diego County Comprehensive Planning Organization, County Administration Center, 1600 Pacific Highway, San Diego, California 92101 and at the Office of Intergovernmental Management, 1400 10th Street, Room 108, Sacramento, California 95814.

Based upon the record developed in the public hearing in the above captioned matter, the Initial Decision modified in certain respects the contents of the Final Environmental Statement related to the proposed San Onofre Nuclear Generating Station, prepared by the Commission's Directorate of Licensing. Pursuant to the provisions of 10 CFR Part 50, Appendix D, Section A.11, the Final Environmental Statement is deemed modified to the extent that the findings and conclusions relating to environmental matters contained in the Initial Decision are different from those contained in the Final Environmental Statement dated March 1973. As required by Section A.11 of Appendix D, a copy of the Initial Decision, which modifies the Final Environmental Statement, has been transmitted to the Council on Environmental Quality and made available to the public as noted herein.

Pursuant to the above mentioned Initial Decision, the Atomic Energy Commission (the Commission) has issued Construction Permits Nos. CPPR-97 and CPPR-98 to the Southern California Edison Company and the San Diego Gas and Electric Company for construction of two pressurized water nuclear reactors to be known as the San Onofre Nuclear Generating Station, Units 2 and 3, each to be designed for a rated power of 3390 megawatts thermal with a net electrical output of approximately 1140 megawatts.

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

The construction permits are effective as of their date of issuance. The earliest date for the completion of Unit 2 is January 1, 1978, and the latest date for completion is January 1, 1979. The earliest date for the completion of Unit 3 is January 1, 1979, and the latest date for completion is January 1, 1980. Each permit shall expire on the latest date for completion of the facility.

In addition to the Initial Decision, copies of (1) Construction Permits Nos. CPPR-97 and CPPR-98, (2) the report of the Advisory Committee on Reactor Safeguards dated July 21, 1972; (3) the Directorate of Licensing's Safety Evaluation dated October 20, 1972; (4) the Preliminary Safety Analysis Report and amendments thereto; (5) the applicants' Environmental Report dated July 28, 1970 and supplements thereto; (6) the Draft Environmental Statement dated November 1972; and (7) the Final Environmental Statement dated March 1973, are also available for public inspection at the above-designated locations in Washington, D. C. and San Clemente, California. Single copies of the Initial Decision by the Atomic Safety and Licensing Board, the construction permits, the Final Environmental Statement, and the Safety Evaluation Report may be obtained upon request addressed to the U. S. Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing, Regulation.

Dated at Bethesda, Maryland, this 8 day of October 1973.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
K. R. Goller

Karl R. Goller, Chief
Pressurized Water Reactors
Branch No. 3
Directorate of Licensing