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Docket No.: 50-361

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Gentlemen:

Subject: San Onofre Nuclear Generating Station, Unit 2 - Issuance of Facility Operating License

The U.S. Nuclear Regulatory Commission has issued the enclosed Facility Operating License No. NPF-10 to Southern California Edison Company, San Diego Gas and Electric Company, the City of Riverside, California and the City of Anaheim, California for the San Onofre Nuclear Generating Station, Unit 2 located in San Diego County, California. License No. NPF-10 authorizes operation of the San Onofre Nuclear Generating Station, Unit 2, at five percent power (169.5 megawatts thermal).

In accordance with the Partial Initial Decision of the Atomic Safety and Licensing Board dated January 11, 1982, this license is restricted to operation at or below five percent. Authorization to operate beyond five percent is still under consideration by the NRC. The issuance of this license authorizing operation at five percent of full power is without prejudice to future consideration by the Commission with respect to operation at power levels in excess of five percent.

Also enclosed is a copy of a related Federal Register notice which has been forwarded to the Office of the Federal Register for publication.

Five signed copies of Amendment No. 16 to Indemnity Agreement No. B-31 which covers the activities authorized under License No. NPF-10 are also enclosed. Please have all licensees sign all copies and return one copy to this office.

OFFICE							
SURNAME							
DATE							

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J PDR

FEB 16 1982

Supplement No. 5 to the Safety Evaluation Report for San Onofre 2 and 3 has been issued. Two copies are enclosed; eighteen additional copies will be forwarded to you in about a week.

Sincerely,

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Enclosures:
1. Facility Operating License No. NPF-10
2. Federal Register Notice
3. Amendment 16 to Indemnity Agreement B-31
4. Supplement No. 5 to the SER (2)

cc w/enclosures:
See next page

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Correct p1 to say "Amendment No 16"

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Dean Grueneich
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Sacramento, California 95825

Chairman, Board of Supervisors
San Diego County
San Diego, California 92412

Mayor, City of San Clemente
San Clemente, California 92672

U. S. Environmental Protection Agency
ATTN: Regional Radiation Representative
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San Francisco, California 94111

Energy Resources Conservation &
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Defense Mapping Agency Aerospace Center (ADL)
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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SOUTHERN CALIFORNIA EDISON COMPANY
SAN DIEGO GAS & ELECTRIC COMPANY
THE CITY OF RIVERSIDE, CALIFORNIA
THE CITY OF ANAHEIM, CALIFORNIA

DOCKET NO. 50-361

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 2

FACILITY OPERATING LICENSE

License No. NPF-10

1. The Nuclear Regulatory Commission (the Commission) having found that:

   A. The application for licenses filed by the Southern California Edison Company, San Diego Gas and Electric Company, the City of Riverside, California and the City of Anaheim, California (the licensees) 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, and all required notifications to other agencies or bodies have been duly made;

   B. Construction of the San Onofre Nuclear Generating Station, Unit 2 (the facility), has been substantially completed in conformity with Construction Permit No. CPPR-97 and the application as amended, the provisions of the Act, and the regulations of the Commission;

   C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission;

   D. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the regulations of the Commission set forth in 10 CFR Chapter I;

   E. The Southern California Edison Company* is technically qualified to engage in the activities authorized by this operating license in accordance with the Commission's regulations set forth in 10 CFR Chapter I.

   F. The licensees are financially qualified to engage in the activities authorized by this operating license in accordance with the Commission's regulations set forth in 10 CFR Chapter I;

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P PDR

*The Southern California Edison Company is authorized to act as agent for the other co-owners and has exclusive responsibility and control over the physical construction, operation, and maintenance of the facility.

G. The licensees have satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements", of the Commission's regulations;

H. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public;

I. After weighing the environmental, economic, technical, and other benefits of the facility against environmental and other costs and considering available alternatives, the issuance of Facility Operating License No. NPF-10, subject to the condition for protection of the environment set forth herein, is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied; and

J. The receipt, possession, and use of source, byproduct, and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.

2. Based on the foregoing findings and the Partial Initial Decision issued by the Atomic Safety and Licensing Board on January 11, 1982 regarding this facility, Facility Operating License No. NPF-10 is hereby issued to the Southern California Edison Company, the San Diego Gas and Electric Company, the City of Riverside, California and the City of Anaheim, California to read as follows:

A. This license applies to the San Onofre Nuclear Generating Station, Unit 2, a pressurized water nuclear reactor and associated equipment (the facility), owned by the licensees. The facility is located in San Diego County, California, and is described in The Final Safety Analysis Report as supplemented and amended, and the Environmental Report as supplemented and amended.

B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:

(1) Southern California Edison Company, San Diego Gas and Electric Company, the City of Riverside, California, and the City of Anaheim, California to possess the facility at the designated location in San Diego County, California, in accordance with the procedures and limitations set forth in this license;

(2) Southern California Edison Company (SCE), pursuant to Section 103 of the Act and 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities", to possess, use, and operate the facility at the designated location in San Diego County, California, in accordance with the procedures and limitations set forth in this license;

(3) SCE, pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;

(4) SCE, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;

(5) SCE, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and

(6) SCE, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

C. This license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and to the rules, regulations and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

Southern California Edison Company (SCE) is authorized to operate the facility at reactor core power levels not in excess of 5 percent of full power (169.5 megawatts thermal).

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B attached hereto are hereby incorporated in this license. SCE shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) Antitrust Conditions

SCE shall comply with the antitrust conditions delineated in Appendix C to this license.

(4) Containment Tendon Surveillance (Section* 3.8.1, SER, SSER #5)

Within three (3) years of the date of issuance of this license, SCE shall (a) provide for NRC approval, and (b) implement, as appropriate, a tendon surveillance test program which will ensure full conformance with the provisions of Regulatory Guide 1.35 and Regulatory Guide 1.35.1. This tendon surveillance program shall include a specific program and commitments for re-tensioning of the tendons, such that the predicted prestressing force of each tendon will be greater than the required design prestressing force of the tendon for the entire plant life.

(5) Environmental Qualification (Section 3.11, SER, SSER #3, SSER #4)

a. By June 30, 1982, SCE shall be in compliance with the provisions of NUREG-0588, "Interim Staff Position on Environmental Qualification of Safety-Related Electrical Equipment," Revision 1, dated July 1981, for safety-related electrical equipment exposed to a harsh environment.

b. Complete and auditable records shall be available and maintained at a central location which describe the environmental qualification method for all safety-related electrical equipment in sufficient detail to document the degree of compliance with NUREG-0588, Revision 1, dated July 1981. Such records shall be updated and maintained current as equipment is replaced, further tested, or otherwise further qualified to document complete compliance by June 30, 1982.

c. By June 30, 1982, or prior to exceeding five (5) percent power, whichever comes first, SCE shall provide affirmation of implementation of the surveillance and maintenance program procedures.

(6) High Burnup Fission Gas Release (Section 4.2.2.2, SER)

Prior to beginning the cycle of reactor operation during which peak fuel pellet burnups will achieve greater than 20,000 megawatt days per metric ton of uranium, SCE shall provide revised analyses using fission gas release models acceptable to the NRC staff.

*The parenthetical notation following the title of many license conditions denotes the section of the Safety Evaluation Report and/or its supplements wherein the license condition is discussed.

(7) Low Temperature Overpressurization Protection (Section 5.2.2.2, SER)

Prior to operation for more than five (5) effective full power years, SCE shall provide a report describing its reexamination of the Technical Specification requirements for steam generator/ RCS delta T and SDCS initiation temperature limits. The report must either demonstrate that the current Technical Specification limits are still suitably conservative, or propose and justify revised limits.

(8) Control Room Pressurization Capability (Section 6.4, SER, SSER #5)

By August 1, 1982, SCE shall complete the modifications required to achieve a positive pressure of 1/8" water gauge in the control room. Tests shall be performed on the modified system to verify the 1/8" positive pressure.

(9) Seismic Trip System (Section 7.2.5, SSER #4)

Prior to initially exceeding five (5) percent power, the seismic trip system shall be operable.

(10) Volume Control Tank Control Logic (Section 7.3.5, SSER #4)

Prior to startup following the first refueling outage, the volume control tank outlet valve control logic shall be modified to ensure that the valve does not change position following safety injection actuation signal reset.

(11) Compliance with Regulatory Guide 1.97 (Section 7.5.1, SER, SSER #5)

By May 15, 1982, SCE shall submit a proposal, including a proposed implementation schedule, for meeting Revision 2 of Regulatory Guide 1.97.

(12) Control System Failures (Section 7.7, SSER #4)

a. By April 1, 1983, SCE shall provide an evaluation of control system failures caused by high energy line break, and by failures of any power sources, sensors, or sensor impulse lines which provide power or signals to two or more control systems. Implementation of any corrective action resulting from this evaluation shall be completed on a schedule acceptable to the NRC.

(13) Diesel Generator Modifications (Section 8.3.1, SER)

Prior to startup following the first refueling outage, SCE shall install a heavy duty turbocharger gear drive assembly on the emergency diesel generators.

(14) Fire Protection (Section 9.5.1, SER, SSER #4, SSER #5, Section 1.12, SSER #5)

a. SCE shall maintain in effect and fully implement all provisions of the approved Fire Protection Plan as amended through Amendment 10 and the NRC staff's Fire Protection Review described in the SER and Supplements 4 and 5 to the SER.

b. Prior to exceeding five (5) percent power, SCE shall install and make operable fixed emergency lighting in access and egress routes to safe shutdown areas. The lighting units shall be sealed-beam units with 8-hour minimum battery power supplies.

c. Prior to exceeding five (5) percent power, SCE shall identify and describe any deviations of the San Onofre 2 fire protection system from the acceptance criteria of Section 9.5.1 of the Standard Review Plan (NUREG-0800, dated July 1981).

d. Prior to fuel loading, SCE shall complete inspection of all Unit 2 and Common Area fire seals, and shall repair deficient seals or implement compensatory measures as defined in the Technical Specifications.

(15) Turbine Disc Inspection (Section 10.2.2, SER)

Prior to startup following the second refueling outage, the bores of the low pressure turbine disc shall be inspected for ultrasonic indications.

(16) Radioactive Waste System (Section 11.1, SER, SSER #5)

"Wet" solid radwaste shall not be shipped from the facility until the NRC has approved the waste solidification Process Control Program.

(17) Purge System Monitors (Section 11.3, SER, SSER #5)

Prior to startup following the first refueling outage, equipment having the capability to continuously monitor and sample the containment purge exhaust directly from the purge stack shall be operable.

(18) Initial Test Program (Section 14, SER)

SCE shall conduct the post-fuel loading initial test program (set forth in Section 14 of the San Onofre Units 2 and 3 Final Safety Analysis Report, as amended) without making any major modifications to this program unless such modifications have been identified and have received prior NRC approval. Major modifications are defined as:

a. Elimination of any test identified in Section 14 of the Final Safety Analysis Report, as amended, as being essential.

b. Modification of test objectives, methods, or acceptance criteria for any test identified in Section 14 of the Final Safety Analysis Report, as amended, as being essential.

c. Performance of any test at a power level different than that described in the test procedure.

d. Failure to complete any tests included in the described program (planned or scheduled for power levels up to the authorized power level).

(19) NUREG-0737 Conditions (Section 22)

Each of the following conditions shall be completed to the satisfaction of the NRC. Each item references the related subpart of Section 22 of the SER and/or its supplements.

a. Shift Technical Advisor (I.A.1.1, SSER #1)

SCE shall provide a fully trained on-shift technical advisor to the shift supervisor (watch engineer).

b. Shift Manning (I.A.1.3, SSER #1, SSER #5)

SCE shall develop and implement administrative procedures to limit the working hours of individuals of the nuclear power plant operating staff who are responsible for manipulating plant controls or for adjusting on-line systems and equipment affecting plant safety which would have an immediate impact on public health and safety.

Adequate shift coverage shall be maintained without routine heavy use of overtime. However, in the event that unforeseen problems require substantial amounts of overtime to be used, the following guidelines shall be followed:

1. An individual shall not be permitted to work more than 16 hours straight (excluding shift turnover time).

2. An individual shall 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 seven day period (all excluding shift turnover time).

3. A break of at least eight hours shall be allowed between work periods (including shift turnover time).

4. The use of overtime shall 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 operations manager, 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 will 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.

c. Independent Safety Engineering Group (I.B.1.2, SSER #1)

SCE shall have an on-site independent safety engineering group.

d. Procedures for Transients and Accidents (I.C.1, SSER #1, SSER #2, SSER #5)

By May 1, 1982, SCE shall provide emergency procedure guidelines. Emergency procedures based on guidelines approved by the NRC shall be implemented prior to startup following the first refueling outage.

e. Procedures for Verifying Correct Performance of Operating Activities (I.C.6, SSER #1)

Prior to fuel loading, SCE shall implement a system for verifying the correct performance of operating activities, and shall keep the system in effect thereafter.

f. Control Room Design Review (I.D.1, SSER #1)

Prior to exceeding five (5) percent power, SCE shall:

1. Prioritize the control room annunciator windows.

2. Delete master acknowledge capabilities of the annunciator system.

3. Incorporate a second flash note/audible scheme into the annunciator system to alert the operator of an alarm returned to normal.

4. Identify changes required to correct control room lighting for optimum operator performance.

5. Revise control room labeling according to a hierarchical scheme.

6. Label Foxboro containment spray controller.

7. Replace RC loop hot leg temperature scales with appropriate scale divisions.

8. Eliminate 10X multiplier from RC loop hot leg and cold leg temperature.

9. Make all labels flush with the face of the instrument bezel.

10. Incorporate normal and abnormal operating range indications on applicable instruments.

11. Replace Dymo tape with permanent labels or markers.

12. Color code all component bezels.

13. Add channel identification to emergency feedwater controls.

14. Label dual function vertical scales to identify each scale.

15. Provide increase/decrease labels for the containment spray chemical controllers.

16. Incorporate the requirement to replace burned-out lamps in the procedures.

17. Add phone jacks to the control room back-panel areas.

Prior to startup following the first refueling outage, SCE shall complete the changes required to correct control room lighting for optimum operator performance.

g. <u>Special Low Power Testing and Training (I.G.1, SSER #1)</u>

By April 16, 1982, SCE shall provide detailed test procedures and a safety analysis.

h. Reactor Coolant System Vents (II.B.1, SSER #1, SSER #4)

By May 1, 1982, SCE shall provide procedures or procedure guidelines for reactor coolant gas vent system operation and testing.

i. Post-Accident Sampling (II.B.3, SSER #1, SSER #4, Section 1.12, SSER #5)

Prior to exceeding five (5) percent power, the post-accident sampling system shall be operable and the post-accident sampling program shall be fully implemented.

j. Safety Valve Test Requirements (II.D.1, SSER #1)

SCE shall conform to the results of the EPRI test program. By April 1, 1982, SCE shall provide confirmation of the adequacy of the San Onofre 2 RCS safety valves based on a preliminary review of generic test program results. By July 1, 1982, SCE shall provide evidence supported by test of safety valve functionality for expected operating and accident (non-ATWS) conditions. The testing shall demonstrate that the valves will open and reclose under the expected flow conditions. By July 1, 1982, SCE shall provide an evaluation of the adequacy of the associated piping and supports at San Onofre 2.

k. Direct Indication of Safety Valve Position (II.D.3, SSER #1)

Prior to exceeding five (5) percent power, the safety valve position indication system shall be environmentally and seismically qualified consistent with the component or system to which it is attached, and documentation of this shall be provided.

l. AFW Pump 48-hour Endurance Test (II.E.1.1, SSER #1)

Prior to exceeding five (5) percent power, SCE shall conduct a 48-hour endurance test of all auxiliary feedwater pumps.

m. Emergency Power Supply for Pressurizer Heaters (II.E.3.1, SSER #1, SSER #5)

Prior to exceeding five (5) percent power, SCE shall implement procedures to preclude the automatic reapplication of pressurizer heaters to Class IE buses upon SIAS reset.

n. Additional Accident Monitoring Instrumentation (II.F.1, SSER #1, SSER #4)

Prior to exceeding five (5) percent power, the mid/high range noble gas monitors and iodine and particulate isokinetic samplers shall be operable.

o. ICC Instrumentation (II.F.2, SSER #1, SSER #2, SSER #4)

Prior to startup following the first refueling outage, the following items shall be completed:

1. The subcooling monitors shall be modified to include the maximum unheated junction thermocouple temperature and the representative core exit thermocouple input.

2. Incore detector assemblies (core exit thermocouples and associated cabling) shall be environmentally qualified and shall have seismic and environmentally qualified Class 1E connectors.

3. Qualified cables shall be installed for the core exit thermocouples.

4. A safety parameter display system shall be provided.

5. The heated junction thermocouple probe and associated process instrumentation shall be installed.

p. Voiding in the Reactor Coolant System (II.K.2.17, SSER #1, SSER #5)

By May 1, 1982, SCE shall provide the results of the Combustion Engineering Owners Group analysis of the potential for RCS voiding during anticipated transients.

q. Revised Model for Small-Break LOCAs (II.K.3.30, SSER #1, SSER #4, SSER #5

By May 1, 1982, SCE shall provide the results of the Combustion Engineering Owners Group effort on model justification or a revised analytical model.

r. Plant-Specific Calculations for Compliance with 10 CFR Section 50.46 (II.K.3.31, SSER #1)

Within one year after model revisions are approved by the NRC, SCE shall provide a supplemental plant-specific analysis to verify compliance with 10 CFR 50.46, using the revised models developed under item II.K.3.30.

s. Improving Licensee Emergency Preparedness (III.A.2, SSER#1, SSER #5)

1. By April 1, 1982, SCE shall provide a functional description of the upgraded emergency support facilities. (Technical Support Center, Operations Support Center, and Emergency Operations Facility).

2. By January 1, 1983, the upgraded emergency support facilities shall be operational.

3. SCE shall maintain interim emergency support facilities (Technical Support Center, Operations Support Center and the Emergency Operations Facility) until the upgraded facilities are completed.

(20) Surveillance Program (Section 1.12, SSER #5)

Prior to entering any operational mode for the first time, including initial fuel loading, SCE shall:

a. Have completed a review of the surveillance procedures applicable to the change of mode, and determined that the procedures demonstrate the operability of the required systems with respect to all acceptance criteria defined in the Technical Specifications.

b. Have dispatched written certification to the NRC Regional Administrator, Region V, that the actions defined in a, above, have been completed for the mode or modes to be entered.

(21) Laboratory Instrumentation (Section 1.12, SSER #5)

Prior to initial entry into operating Mode 2, the laboratory instrumentation described in Sections 11.5.2.2.2 and 12.5.2.2.1 of the Final Safety Analysis Report shall be calibrated and shall be capable of analyzing sample types and geometries necessary to support facility operation. In addition, at that time there shall also be approved, written procedures governing laboratory operations and analyses.

(22) Design Verification Program (Section 3.7.4, SSER #5)

Prior to exceeding five (5) percent power, SCE shall provide the final report of the Design Verification Program being conducted by the General Atomic Company, and NRC approval of the results must be obtained.

D. Exemptions to certain requirements of Appendices G, H and J to 10 CFR Part 50 are described in the Office of Nuclear Reactor Regulation's Safety Evaluation Report. These exemptions are authorized by law and will not endanger life or property or the common defense and security and are otherwise in the public interest. Therefore, these exemptions are hereby granted. The facility will operate, to the extent authorized herein, in conformity with the application, as amended, the provisions of the Act, and the regulations of the Commission.

E. SCE shall maintain in effect and fully implement all the provisions of the Commission-approved physical security and guard training and qualification plan, including amendments made pursuant to the authority of 10 CFR Section 50.54(p). The approved plans, which are safeguards information protected under 10 CFR 73.21, are collectively entitled "Physical Security Plan, San Onofre Nuclear Generating Station Units 1, 2, and 3" (which includes the contingency plans as Chapter 8), dated March 9, 1981, as revised July 22, 1981, November 30, 1981, December 30, 1981, and January 25, 1982; and the "Guard Training and Qualification Plan, San Onofre Nuclear Generating Station Units 1, 2, and 3," dated August 23, 1979 as revised September 3, 1980, and December 15, 1981. The identification of vital areas and measures used to control access to these areas, as described in the physical security plan, may be subject to amendments in the future based upon a confirmatory evaluation of the plant to determine those areas where acts of sabotage might cause a release of radionuclides in sufficient quantities to result in dose rates equal to or exceeding 10 CFR Part 100 limits.

F. This license is subject to the following additional condition for the protection of the environment:

Before engaging in activities that may result in a significant adverse environmental impact that was not evaluated or that is significantly greater than that evaluated in the Final Environmental Statement, SCE shall provide a written notification of such activities to the NRC Office of Nuclear Reactor Regulation and receive written approval from that office before proceeding with such activities.

G. SCE shall report any violations of the requirements contained in Section 2, Items C(1), C(3) through C(22), E, and F of this license within 24 hours by telephone and confirmed by telegram, mailgram, or facsimile transmission to the NRC Regional Administrator, Region V, or his designee, no later than the first working day following the violation, with a written followup report within fourteen (14) days.

H. SCE shall notify the Commission, as soon as possible but not later than one hour, of any accident at this facility which could result in an unplanned release of quantities of fission products in excess of allowable limits for normal operation established by the Commission.

I. SCE shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.

J. This license is effective as of the date of issuance and shall expire at midnight on October 18, 2013.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:
1. Appendix A (Technical Specifications)
2. Appendix B (Environmental Protection Plan)
3. Appendix C (Antitrust Conditions)

Date of Issuance: FEB 1 6 1982

G. SCE shall report any violations of the requirements contained in Section 2, Items C(1), C(3) through C(22), E, and F of this license within 24 hours by telephone and confirmed by telegram, mailgram, or facsimile transmission to the NRC Regional Administrator, Region V, or his designee, no later than the first working day following the violation, with a written followup report within fourteen (14) days.

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FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosures:
1. Appendix A (Technical Specifications)
2. Appendix B (Environmental Protection Plan)
3. Appendix C (Antitrust Conditions)

Date of Issuance: FEB 16 1982

SEE PREVIOUS CONCURRENCES.

OFFICE	DL:LB#3	DL:LB#3	DL:AD/L	DL:DIR	NRR:DIR		
SURNAME	JDee:jl	RLaglia	RTedesco	DGEisenhut	EGCase/ HRDenton		
DATE	2/16/82	2/16/82	2/16/82	2/16/82	2/ /82		

G. SCE shall report any violations of the requirements contained in Section 2, Items C(1), C(3) through (20), E, and F of this license within 24 hours by telephone and confirmed by telegram, mailgram, or facsimile transmission to the NRC Regional Administrator, or his designee, no later than the first working day following the violation, with a written followup report within fourteen (14) days.

H. SCE shall notify the Commission, as soon as possible but not later than one hour, of any accident at this facility which could result in an unplanned release of quantities of fission products in excess of allowable limits for normal operation established by the Commission.

I. SCE shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.

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FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
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1. Appendix A (Technical Specifications)
2. Appendix B (Environmental Protection Plan)
3. Appendix C (Antitrust Conditions)

Date of Issuance:

NRR:DIR
ECase/
HDenton
2/ /82

*SEE PREVIOUS CONCURRENCES

OFFICE	DL:LB#3	DSP	OELD	OELD	DL:LB#3	DL:AD/L	DL:DIR
SURNAME	JLee *HRood:jb	*IDinitz/ JSaltzman	JRutberg	LChandler	FJMiraglia	RLTedesco	DGEisenhut
DATE	2/10/82	2/10/82	2/16/82	2/16/82	2/ /82	2/ /82	2/ /82

G. SCE shall report any violations of the requirements contained in Section 2, Items C(1), C(3) through (18), E, and F of this license within 24 hours by telephone and confirmed by telegram, mailgram, or facsimile transmission to the NRC Regional Administrator, or his designee, no later than the first working day following the violation, with a written followup report within fourteen (14) days.

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FOR THE NUCLEAR REGULATORY COMMISSION

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Date of Issuance:

DL:LB#3	DSI	OELD	OELD	DL:LB#3	DL:AD/L	DL:DIR	NRR
IJLee:HRood/jb	IDinitz/ JSaltzman	JRutberg	LChandler	FJMiraglia	RTedesco	DEisenhut	ECase/ HDenton
2/10/82	2/10/82	2/ /82	2/ /82	2/ /82	2/ /82	2/ /82	2/ /82

APPENDIX C

ANTITRUST CONDITIONS

LICENSE NO. NPF-10

The Southern California Edison Company shall comply with the following antitrust conditions:

1. As used herein:

   1.1 "Bulk Power" means the electric power, and any attendant energy, supplied or made available at transmission or sub-transmission voltage by one entity to another.

   1.2 "Entity" means a person, a private or public corporation, a municipality, a cooperative, an association, a joint stock association or business trust owning, operating or proposing in good faith to own or operate equipment or facilities for the generation, transmission or distribution of electricity to or for the public as a utility.

2. Southern California Edison (hereafter SCE) recognizes it is generally in the public interest for electric utilities to interconnect, coordinate reserves, and/or engage in bulk power supply transactions in order to provide mutual, though not necessarily equal benefits, to each of the parties in such arrangements. However, SCE should not be obligated to enter into such an arrangement if (1) to do so would violate, or incapacitate it from performing any lawfully existing contracts it has with another party or (2) there is contemporaneously available to it a mutually exclusive competing or alternative arrangement with another party which affords it greater benefits. In implementing the commitments in the succeeding paragraphs, SCE will act in accordance with these principles.

3. SCE shall, pursuant to such principles, permit participation on mutually agreeable terms in new nuclear generating units initiated by SCE, upon timely application[a] by any entity(ies) within or contiguous to SCE's service area which at that time does not have access to an alternative comparably-priced source of bulk power supply. With respect to those units not initiated by SCE in which SCE is a joint participant with other utilities, SCE shall cooperate in facilitating the participation of any such entity(ies) which seeks such participation upon timely application.

4. SCE shall permit interconnection and coordination of reserves by means of agreements for the sale and purchase of emergency bulk power with any entity(ies) within or contiguous to SCE's service area and thereby allow such other entity(ies), as well as SCE, full access on a proportionate basis to the benefits of reserve coordination. ("Proportionate basis" refers to the equalized percentage of reserves concept rather than the largest single-unit concept, unless the participants have otherwise agreed.) Interconnections will not be limited to low voltages when higher voltages are available from SCE's installed facilities in the area where interconnection is desired, when the proposed arrangement is found to be functionally, technically and economically feasible. Emergency service to be provided under such agreements will be furnished to the fullest extent available and desired where such supply does not jeopardize or impair service to the supplier's customers.

5. SCE shall sell bulk power to or purchase bulk power from any other entity(ies) within or contiguous to SCE's service area. This refers to the mutually beneficial opportunity to coordinate in the planning of new generation, related transmission and associated facilities. This provision shall not be construed to require SCE to purchase or sell bulk power if such purchase or sale cannot be found to be functionally, technically and economically feasible.

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[a] With respect to SCE's present or future resale customers "timely application" shall be in no event later than 90 days after publication by the Atomic Energy Commission of the notice of the receipt of application for a construction permit. With respect to all other entity(ies) referred to above "timely application" shall be within a reasonable period from a planning standpoint after the first public announcement of SCE's intention to construct the specific unit, but in no event later than the said time specified for SCE's resale customers.

6. SCE shall, pursuant to such principles, transmit bulk power over its transmission facilities within its service area, both between or among two or more entities with which it is interconnected to the extent that such transmission can be found to be functionally, technically and economically feasible and can be effected without an adverse effect on service to its own customers. SCE is obligated under this condition to transmit bulk power on the terms stated above, and in connection with SCE's plan to construct new transmission facilities for its own use within its service area, to include in its planning and construction program sufficient transmission capacity as required for such transmission, provided that such entity(ies) are obligated to compensate SCE fully for the use of its system. SCE shall use its best efforts to facilitate the transmission of bulk power over then existing transmission facilities outside its service area for such entities.

7. The foregoing conditions shall be implemented in a manner consistent with the provisions of the Federal Power Act and all rates, charges, or practices in connection therewith are to be subject to the approval of regulatory agencies having jurisdiction over them.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-361

SOUTHERN CALIFORNIA EDISON, ET AL

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission), has issued Facility Operating License No. NPF-10, to Southern California Edison Company, San Diego Gas and Electric Company, the City of Riverside, California, and the City of Anaheim, California (the licensees) which authorizes operation of the San Onofre Nuclear Generating Station, Unit 2 (the facility), by Southern California Edison Company at reactor core power levels not in excess of 169.5 megawatts thermal (5 percent power) in accordance with the provisions of the License, the Technical Specifications and the Environmental Protection Plan.

San Onofre Nuclear Generating Station, Unit 2, is a pressurized water nuclear reactor located at the licensees' site at Camp Pendleton, San Diego County, California approximately 62 miles southeast of Los Angeles and 51 miles north of San Diego. The license is effective as of the date of issuance and shall expire at midnight on October 18, 2013.

The application for the license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. Issuance of this license has been authorized by the Atomic Safety and Licensing Board by its Partial Initial Decision dated January 11, 1982. 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. Prior public notice of the overall action involving the proposed issuance

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of an operating license was published in the FEDERAL REGISTER on April 7, 1977 (42 F.R. 18460).

The Commission has determined that the issuance of this license will not result in any environmental impacts other than those evaluated in the Final Environmental Statement and its Errata since the activity authorized by the license is encompassed by the overall action evaluated in the Final Environmental Statement and its Errata.

For further details with respect to this action, see (1) Facility Operating License No NPF-10, complete with Technical Specifications and Environmental Protection Plan; (2) the reports of the Advisory Committee on Reactor Safeguards dated February 10, 1981, and March 17, 1981; (3) the Commission's Safety Evaluation Report dated February 1981, Supplement No. 1 dated February 1981, Supplement No. 2 dated May 1981, Supplement No. 3 dated September 1981, Supplement No. 4 dated January 1982, and Supplement No. 5 dated February 1982; (4) the Final Safety Analysis Report and amendments thereto; (5) the Environmental Report and Supplements thereto and (6) the Final Environmental Statement dated April 1981 and the Errata to the Final Environmental Statement dated June 1981, and (7) the Partial Initial Decision issued by the Atomic Safety and Licensing Board dated January 11, 1982.

These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and the Mission Viejo Branch Library, 24851 Chrisanta Drive, Mission Viejo, California 92676. A copy of Facility Operating License No. NPF-10 may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director,

Division of Licensing. Copies of the Safety Evaluation Report and its Supplements 1 through 5 (NUREG-0712) may be purchased at current rates from the National Technical Information Service, Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161, and through the NRC GPO sales program by writing to the U.S. Nuclear Regulatory Commission, Attention: Sales Manager, Washington, D.C. 20555. GPO deposit account holders can call 301-492-9530.

Dated at Bethesda, Maryland, this 16th day of February 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

"Original signed by Frank J. Miraglia"

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

SEE PREVIOUS CONCURRENCES.

OFFICE ▶	DL:LB#3	DL:LB#3					
SURNAME ▶	JLee:jl	F. Miraglia					
DATE ▶	2/16/82	2/16/82					

to the U.S. Nuclear Regulatory Commission, Attention: Sales Manager, Washington, D.C. 20555. GPO deposit account holders can call 301-492-9530.

Dated at Bethesda, Maryland, this day of February 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

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

OFFICE	JL DL:LB#3	DL:LB#3 HR	DELD	DL:LB#3			
SURNAME	IJLee:jb	HRood	LChandler	FJMiraglia			
DATE	2/10/82	2/10/82	2/16/82	2/ /82			

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

Docket Nos. 50-206
50-361

AMENDMENT TO INDEMNITY AGREEMENT NO. B-31
AMENDMENT NO. 16

Effective FEB 16 1982, Indemnity Agreement No. B-31, between Southern California Edison Company, San Diego Gas and Electric Company, City of Riverside, California, and the City of Anaheim, California, and the Atomic Energy Commission, dated June 3, 1966, as amended, is hereby further amended as follows:

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 3 - License number or numbers

SNM-962	(From 12:01 a.m., June 3, 1966, to 12 midnight, March 26, 1967, inclusive)
DPR-13	(From 12:01 a.m., March 27, 1967)
SNM-1879	(From 12:01 a.m., May 21, 1981, to 12 midnight, FEB 15 1982 inclusive)
SNM-1852	(From 12:01 a.m., May 21, 1981)
NPF-10	(From 12:01 a.m., FEB 16 1982)

FOR THE NUCLEAR REGULATORY COMMISSION

Jerome Saltzman, Assistant Director
State and Licensee Relations
Office of State Programs

ACCEPTED _____, 1982

By _____
Southern California Edison Company

ACCEPTED _____, 1982

By _____
San Diego Gas and Electric Company

ACCEPTED _____, 1982

By _____
City of Riverside, California

ACCEPTED _____, 1982

By _____
City of Anaheim, California