



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

SOUTHERN CALIFORNIA EDISON COMPANY

SAN DIEGO GAS AND ELECTRIC COMPANY

DOCKET NO. 50-206

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT NO. 1

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 110
License No. DPR-13

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by Southern California Edison Company and San Diego Gas and Electric Company (the licensees) dated September 13, 1988, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 3.B. of Provisional Operating License No. DPR-13 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 110, are hereby incorporated in the license. Southern California Edison Company shall operate the facility in accordance with the Technical Specifications, except where otherwise stated in specific license conditions.

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: October 18, 1988

ATTACHMENT TO LICENSE AMENDMENT NO. 110

PROVISIONAL OPERATING LICENSE NO. DPR-13

DOCKET NO. 50-206

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

REMOVE

6-2
6-3
6-4
6-5
6-6
6-16

INSERT

6-2
6-3
6-4
6-5
6-6
6-16

6.2 ORGANIZATION

OFFSITE AND ONSITE ORGANIZATION

- 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.

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 Operator shall be at the controls when fuel is in the reactor.* During refueling operations, this operator is permitted to step outside the red line to update the refueling status board. 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.**

* "At the controls" means within the area bounded by the three vertical instrumentation boards and the red line on the floor of the control room.

** "Control Room Area" is defined by the control room and the Shift Superintendent's office.

- c. A health physics technician# shall be on-site when fuel is in the reactor.
- d. All CORE ALTERATIONS shall be observed and directly supervised by a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent duties during this operation.
- e. A Fire Brigade of at least five members shall be maintained on site at all times.# The Fire Brigade shall not include the Shift Superintendent and the two 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. Administrative procedures shall be developed and implemented to limit the working hours of unit staff in the following job classifications:
 - 1) Shift Superintendents, Control Room Supervisors, Control Operators, Assistant Control Operators, Nuclear Plant Equipment Operators, Plant Equipment Operators;
 - 2) Electricians and their first line supervisors;
 - 3) I&C Technicians, Computer Technicians, Test Technicians and their first line supervisors;
 - 4) Operational Health Physics Technicians and their first line supervisors;
 - 5) Boiler and Condenser Mechanics, Machinists, Welders, Crane Operators and their first line supervisors;
 - 6) Contractor or other Department personnel performing functions identical to those performed by personnel identified in items 1 through 5 above and within the organizational framework of the station.(1)

Adequate shift coverage shall be maintained without routine heavy use of overtime. The objective shall be to have operating personnel identified above work a normal 8-hour day, 40-hour week (excluding shift turnover and meal time) while the plant is operating (MODES 1, 2, 3 and 4). However, in the event that

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.

(1) Shift Technical Advisors are exempt from the overtime guidelines specified, since sleeping accommodations are provided.

overtime which exceeds 25%(ii) of normal time is required due to unforeseen problems(iii) or during extended outages(iv), on a temporary basis, the following guidelines shall be followed:

- 1) An individual should not be permitted to work more than 16 hours straight (shift turnover and meal time are not included when calculating hours worked).
- 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 (shift turnover and meal time are not included when calculating hours worked).
- 3) A break (the time an individual leaves the work location to the time an individual returns to the work location) of at least 8 hours should be allowed between work periods (shift turnover time is not included when calculating the break; meal time is not included when calculating the break, unless it represents an administrative entry on the timesheet and not extra hours spent at the work location).
- 4) Except during extended shutdown periods, 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, or by the Responsible Station Division 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 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), 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.

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- (ii) 25% is established as a level of overtime which will not significantly reduce the effectiveness of personnel, but which requires additional management approval prior to exceeding this level.
 - (iii) Unforeseen problems are forced shutdowns or power reductions of any unit, equipment failure or unscheduled repair, surveillance, calibration or maintenance, entry into a Technical Specification ACTION Statement or the absence of personnel required to provide normal shift coverage.
 - (iv) Extended outages are periods in Modes 5 and/or 6.

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- f. The Fire Protection Program and implementing procedures at least once per 24 months.
- g. An independent fire protection and loss prevention inspection and audit shall be performed annually utilizing either qualified offsite licensee personnel or an outside fire protection firm.
- h. An inspection and audit of the fire protection and loss prevention program shall be performed by a qualified outside fire consultant at least once per 36 months.

AUTHORITY

- 6.5.3.6 The NSG shall report to and advise offsite organization management on those areas of responsibility specified in Sections 6.5.3.4 and 6.5.3.5.

RECORDS

- 6.5.3.7 Records of NSG activities shall be prepared and maintained. Report of reviews and audits shall be distributed monthly to the Vice President and Site Manager, Nuclear Generation Site, and to the management responsible for the areas audited.