



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

SOUTHERN CALIFORNIA EDISON COMPANY AND

SAN DIEGO GAS AND ELECTRIC COMPANY

DOCKET NO. 50-206

SAN ONOFRE NUCLEAR GENERATING STATION, UNIT 1

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 52
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 April 4, 1980 (Proposed Change No. 91), complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and 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 rules and 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 3.B of Provisional Operating License No. DPR-13 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 52, are hereby incorporated in the license. Southern California Edison Company shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 6, 1981

ATTACHMENT TO LICENSE AMENDMENT NO. 52

PROVISIONAL OPERATING LICENSE NO. DPR-13

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Revise the Appendix A Technical Specifications and Bases by removing the following pages and inserting the enclosed pages. The revised pages include the captioned amendment number and vertical lines reflecting the area of change.

PAGES

36

37b

3.7 AUXILIARY ELECTRICAL SUPPLY

Applicability: Applies to the availability of electrical power for the operation of plant auxiliaries.

Objective: To define those conditions of electrical power availability necessary (1) to provide for safe reactor operation and (2) to provide for the continuing availability of engineered safeguards.

Specification: The reactor shall not be made critical or maintained critical unless the following conditions are met:

1. As a minimum the following shall be operable:

A. One Southern California Edison Company and one San Diego Gas & Electric Company high voltage transmission line.

B. Two separate and independent diesel generators each with:

(1) A separate day tank containing a minimum of 290 gallons of fuel,

(2) A separate fuel storage system containing a minimum of 37,500 gallons of fuel, and

(3) A separate fuel transfer pump.

C. AC Distribution

(1) 4160 Volt Bus 1C and 2C,

(2) 480 Volt Bus No. 1, Bus No. 2, and Bus No. 3,

(3) Any 3 of vital buses 1, 2, 3, and 4.

D. DC Bus No. 1 and DC Bus No. 2 (including at least one full capacity charger and supply per bus).

2. Action

A. With one of the required incoming transmission lines inoperable, (Section 1.A) demonstrate the operability of the remaining A.C. sources

Basis:

The station is connected electrically to the Southern California Edison Company and San Diego Gas & Electric Company system via either of two physically independent high voltage transmission routes composed of four Southern California Edison Company high voltage lines and of a minimum of three San Diego Gas & Electric Company high voltage lines.

Of the four Southern California Edison Company lines, any one can serve as a source of power to the station auxiliaries at any time. Similarly, any of the three San Diego Gas & Electric Company lines can serve as a source of power to the station auxiliaries at any time. By specifying one transmission line from each of the two physically independent high voltage transmission routes, redundancy of sources of auxiliary power for an orderly shutdown is provided.

Similarly, either transformer A or B, along with transformer C provide redundancy of 4160 volt power to the auxiliary equipment, and in particular to the safety injection trains. In addition, each 4160 volt bus has an onsite diesel generator as backup.

Two diesel generators are provided primarily to give redundancy for maintenance, to preclude the necessity for reactor shutdown if one diesel required maintenance, and to provide protection against a failure of one of the diesel generator systems. This also eliminates the necessity for depending on one diesel generator to operate for extended periods without shutdown if it were required for post-accident conditions.