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ORIGINAL

Decision No. 78666

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of
SOUTHERN CALIFORNIA EDISON COMPANY
for a certificate that the present
and future public convenience and
necessity require or will require the
construction and operation by applicant
of the Nos. 3 and 4 220-kv transmission
lines from Ormond Beach Generating
Station to Moorpark Substation.

Application No. 52363
(Filed December 21, 1970)

OPINION AND ORDER

Southern California Edison Company (Edison) seeks an order of the Commission issuing to it a certificate pursuant to General Order No. 131 that the present and future safety, health, comfort, and convenience of the public require or will require the construction, installation, operation and maintenance of two 220-kv transmission lines from Ormond Beach Generating Station to Moorpark Substation.

Pursuant to Section 6 of General Order No. 131, Edison gave proper notice of filing this application to the cities, county and municipal planning commissions through whose jurisdiction the facilities will pass and to the State Highway Engineer by mailing copies of the application to all concerned. In addition, notice was given to the general public by advertisement for two successive weeks in the local county newspaper.

No request for a public hearing has been received by the Commission.

Pursuant to Section 5 of General Order No. 131, Edison submitted the following data:

Necessity for Proposed Line

Edison proposed to install Nos. 3 and 4, Ormond Beach - Moorpark 220-kv transmission lines in order to provide the transmission capacity required to serve Ormond Beach Generating Station. Certificates of public convenience and necessity have been previously granted by this Commission for the construction of Ormond Beach Generating Station Units Nos. 1 and 2 which will ultimately have a total output capacity of 1,580 megawatts of power.

Ormond Beach - Moorpark Nos. 3 and 4 lines will parallel the Nos. 1 and 2 lines and will be constructed in conjunction with Ormond Beach Generating Unit No. 2. They will be needed for service when Unit No. 2 goes into operation on March 1, 1973.

The proposed transmission lines will provide an economic, efficient and reliable means for the interconnection of this resource with the Edison system.

Location of Proposed Line

A set of USGS quad maps attached to the application, marked Exhibit B, shows the details of the rights-of-way with respect to electrical transmission lines within 1 mile of the route, the topography transversed and the location of settled areas.

The route of the proposed transmission lines starts at the Ormond Beach Generating Station and proceeds for approximately 1½ miles in the northern direction and then continues approximately 8 miles in an easterly direction to the site of the future Sandstone Substation. This section of the route transverses flat terrain which, in general, is used for farming. The proposed lines cross California State Highway No. 1 at Nauman Road near the City of Oxnard.

From the Sandstone Substation site the route continues in a northeasterly direction towards the community of Moorpark. The first 6 to 7 miles are through mountainous terrain. This section of the route crosses the Ventura freeway (U.S. Highway 101) near Conjeo Road. The terrain then changes through 4 miles of rolling hills into a 2-mile section of level ground. The mountainous section is quite rugged and not suitable for development. The rolling hills are used for cattle grazing and small citrus groves. The level lands have scattered ranches and housing developments.

Applicant states that the proposed transmission lines do not pass in the vicinity of any parks, recreational or scenic areas, historic sites or buildings, or archeological sites, and further states it will not produce an unreasonable burden on natural resources or aesthetics of the area.

Description and Cost of Proposed Line

A description of the proposed transmission lines and their estimated cost are as follows:

| | |
|----------------------------|---|
| 1. Line Length | 22 miles |
| 2. Width of Right-of-Way | Varies 210' to 405' |
| 3. Type Conductor | Aluminum Cable Steel Reinforced |
| 4. Size of Conductor | 1590 MCM |
| 5. Conductor Configuration | Two conductor bundle per phase |
| 6. Capacity (thermal) | 3,070-A |
| 7. Voltage | 220-kv |
| 8. Type of Structure (a) | Lattice - type, self-supporting, four-legged, double-circuit steel towers (7 miles of line) |
| (b) | Portal - type, self-supporting, two-legged, double-circuit, steel structures (15 miles of line) |
| 9. Height of Structures | 113' to 180' |
| 10. Estimated Cost | \$7,980,000 |

The route selected is parallel with and on the same right-of-way as the existing Nos. 1 and 2, Ormond Beach - Moorpark 220-kv transmission lines.

The proposed lines consist of approximately 7 miles of lattice tower line and 15 miles of portal tower line. The type of structures will be installed in locations to conform with the tower designs currently being installed on this right-of-way.

Selection of Proposed Route

The route for the proposed lines was selected because the construction parallels the existing Ormond Beach - Moorpark transmission lines Nos. 1 and 2 and is more efficient than any alternative. Applicant states that any other alternative route would be longer, would require a new right-of-way, more towers, a longer period for construction and would pass through areas where no transmission facilities presently exist.

Estimated Schedules

The rights-of-way for the proposed lines have been previously acquired. An estimated schedule for the construction of the lines is as follows:

| | |
|--------------------------------|------------------|
| Procurement of Materials | December 1, 1970 |
| Start of Foundations and Roads | January 1, 1972 |
| Start of Tower Erection | June 1, 1972 |
| Start of Conductor Stringing | August 1, 1972 |
| Operating Date | March 1, 1973 |

Governmental Agency Review

The proposed route has been reviewed with the County of Ventura, and the Cities of Oxnard, Camarillo and Thousand Oaks. Each of these governmental agencies provide a brief written statement attached to the application marked Exhibit C. All found no objection to the placement of the lines.

The State Department of Public Works has reviewed the proposed application and has no objection to the proposed lines.

Findings

The Commission finds that:

1. The construction, installation, operation and maintenance of two 220-kv transmission lines, referred to as the Ormond Beach - Moorpark Nos. 3 and 4 transmission lines, and as described in this application, is reasonably required to meet area demands for present and future reliable and economic electric service.

2. The construction and operation of the Ormond Beach - Moorpark Nos. 3 and 4 220-kv transmission lines will not produce an unreasonable burden on the natural resources, aesthetics of the area where the lines are located, public health and safety, air and water quality in the vicinity, or parks, recreational areas, scenic areas, historic sites and buildings, or archeological sites.

3. Applicant's proposal is in the public interest, that public convenience and necessity now require and will require the construction of the two 220-kv transmission lines described in this application, that a public hearing is not necessary, and that a certificate should be issued.

The certificate herein granted shall be subject to the following provision of law:

The Commission shall have no power to authorize the capitalization of this certificate of public convenience and necessity or the right to own, operate or enjoy such certificate of public convenience and necessity in excess of the amount (exclusive of any tax or annual charge) actually paid to the State as the consideration for the issuance of such certificate of public convenience and necessity or right.

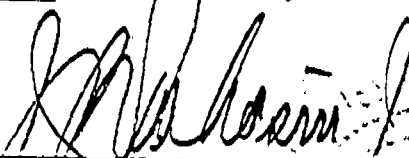
The action taken herein is for the issuance of a certificate of public convenience and necessity only and is not to be considered as indicative of amounts to be included in a future proceeding for the purpose of determining just and reasonable rates.

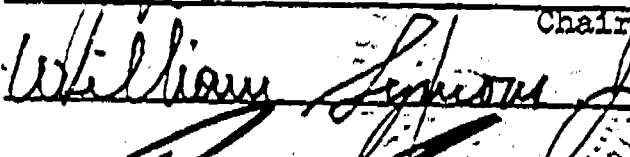
IT IS ORDERED that a certificate of public convenience and necessity is granted to Southern California Edison Company to construct, operate, maintain and use two 220-kv transmission lines as described in the application.

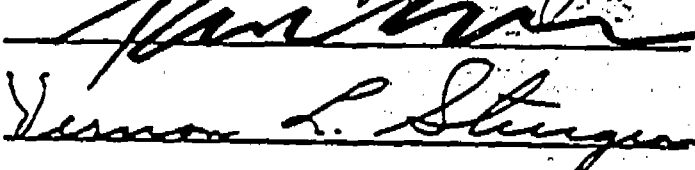
The authorization herein granted shall expire if not exercised within three years from the date hereof.


The effective date of this order shall be twenty days after the date hereof.

Dated at San Francisco, California, this 11th day of MAY, 1971.



Chairman






Commissioners