STATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

ORDER

APPLICATION 21744 PERMIT 14640 LICENSE

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE AND AMENDING THE PERMIT

WHEREAS:

1. A petition for extension of time within which to develop the project and apply the water to the proposed use has been filed with the State Water Resources Control Board.

2. The permittee has proceeded with diligence and good cause has been shown for extension of time.

NOW, THEREFORE, IT IS ORDERED THAT:

1. Paragraph 5 of the permit is amended to read as follows:

   COMPLETE APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE MADE ON OR BEFORE December 1, 1994 (0000009)

2. Paragraph 7 of this permit is deleted. A new Paragraph 7 is added as follows:

   Pursuant to California Water Code Sections 100 and 275, and the public trust doctrine, all rights and privileges under this permit and under any license issued pursuant thereto, including method of diversion, method of use, and quantity of water diverted, are subject to the continuing authority of the State Water Resources Control Board in accordance with law and in the interest of the public welfare to protect public trust uses, prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of said water.

   The continuing authority of the Board may be exercised by imposing specific requirements over and above those contained in this permit with a view to minimizing waste of water and to meeting the reasonable water requirements of permittee without unreasonable draft on the source. Permittee may be required to implement such programs as (1) reusing or reclaiming the water allocated; (2) using water reclaimed by another entity instead of all or part of the water allocated; (3) restricting diversions so as to eliminate agricultural tailwater or to reduce return flow; (4) suppressing evaporation losses from water surfaces; (5) controlling phreatophytic growth; and (6) to installing, maintain-ing, and operating efficient water measuring devices to assure compliance with the quantity limitations of this permit and to determine accurately water use as against reasonable water requirements for the authorized project. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such specific requirements are physically and financially feasible and are appropriate to the particular situation.

The continuing authority of the Board also may be exercised by imposing further limitations on the diversion and use of water by the permittee in order to protect public trust uses. No action will be taken pursuant to this paragraph unless the Board determines, after notice to affected parties and opportunity for hearing, that such action takes into account the public interest and is necessary to protect public trust uses. All such actions shall conform to the standard of reasonableness contained in Article X, Section 2 of the California Constitution. (000 0012)

3. Paragraph 13 is added to this permit as follows:

Permittee shall consult with the Division of Water Rights and the Department of Water Resources, and develop and implement a water conservation plan or actions. The proposed plan or actions shall be presented to the Board for approval within one year from the date of this permit (order) or such further time as may, for good cause shown, be allowed by the Board. A progress report on the development of a water conservation plan may be required by the Board within this period.

Dated: MAY 10 1984 (000 0293)

Raymond Walsh

Raymond Walsh, Chief
Division of Water Rights

REDUCE RETURN FLOW; (3) SUPPRESSING EVAPORATION LOSSES FROM WATER SURFACES; (4) CONTROLLING PHREATOPHYTIC GROWTH; AND (5) INSTALLING, MAINTAINING, AND OPERATING EFFICIENT WATER MEASURING DEVICES TO ASSURE COMPLIANCE WITH THE QUANTITY LIMITATIONS OF THIS PERMIT AND TO DETERMINE ACCURATELY WATER USE AS AGAINST REASONABLE WATER REQUIREMENTS FOR THE AUTHORIZED PROJECT. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD DETERMINES, AFTER NOTICE TO AFFECTED PARTIES AND OPPORTUNITY FOR HEARING, THAT SUCH SPECIFIC REQUIREMENTS ARE PHYSICALLY AND FINANCIALLY FEASIBLE AND ARE APPROPRIATE TO THE PARTICULAR SITUATION.

4. THE QUANTITY OF WATER DIVERTED UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO IS SUBJECT TO MODIFICATION BY THE STATE WATER RESOURCES CONTROL BOARD, IF, AFTER NOTICE TO THE PERMITTEE AND AN OPPORTUNITY FOR HEARING, THE BOARD FINDS THAT SUCH MODIFICATION IS NECESSARY TO MEET WATER QUALITY OBJECTIVES IN WATER QUALITY CONTROL PLANS WHICH HAVE BEEN OR HEREAFTER MAY BE ESTABLISHED OR MODIFIED PURSUANT TO DIVISION 7 OF THE WATER CODE. NO ACTION WILL BE TAKEN PURSUANT TO THIS PARAGRAPH UNLESS THE BOARD FINDS THAT (1) ADEQUATE WASTE DISCHARGE REQUIREMENTS HAVE BEEN PRESCRIBED AND ARE IN EFFECT WITH RESPECT TO ALL WASTE DISCHARGES WHICH HAVE ANY SUBSTANTIAL EFFECT UPON WATER QUALITY IN THE AREA INVOLVED, AND (2) THE WATER QUALITY OBJECTIVES CANNOT BE ACHIEVED SOLELY THROUGH THE CONTROL OF WASTE DISCHARGES. (0000013)

DATED: JUN 13 1974

R. L. Rosenberger

R. L. ROSENBERGER, ACTING CHIEF
DIVISION OF WATER RIGHTS

STATE OF CALIFORNIA—THE RESOURCES AGENCY

RONALD REAGAN, Governor

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

ROOM 1015, RESOURCES BUILDING

1416 NINTH STREET • SACRAMENTO 95814

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE AND AMENDING PERMIT

PERMIT 14640

APPLICATION 21744

WHEREAS:

1. A PETITION FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT AND APPLY THE WATER TO THE PROPOSED USE HAS BEEN FILED WITH THE STATE WATER RESOURCES CONTROL BOARD.

2. IT APPEARS THAT THE PERMITTEE HAS PROCEEDED WITH DILIGENCE AND THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME.

3. THE STATE WATER RESOURCES CONTROL BOARD HAS DULY AUTHORIZED THE CHIEF, DIVISION OF WATER RIGHTS TO SIGN THIS ORDER.

NOW, THEREFORE, IT IS ORDERED THAT:

1. A NEW DEVELOPMENT SCHEDULE BE, AND IS HEREBY, APPROVED AS FOLLOWS:

CONSTRUCTION WORK SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1981

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1982

2. THE TOTAL ANNUAL DIVERSION AND USE ALLOWED UNDER SAID PERMIT 14640 BE LIMITED TO 2,260 ACRE-FEET.

3. PARAGRAPH 7 OF THE PERMIT BE AMENDED TO READ AS FOLLOWS: ALL RIGHTS AND PRIVILEGES UNDER THIS PERMIT AND UNDER ANY LICENSE ISSUED PURSUANT THERETO, INCLUDING METHOD OF DIVERSION, METHOD OF USE, AND QUANTITY OF WATER DIVERTED, ARE SUBJECT TO THE CONTINUING AUTHORITY OF THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH LAW AND IN THE INTEREST OF THE PUBLIC WELFARE TO PREVENT WASTE, UNREASONABLE USE, UNREASONABLE METHOD OF USE, OR UNREASONABLE METHOD OF DIVERSION OF SAID WATER.

THIS CONTINUING AUTHORITY OF THE BOARD MAY BE EXERCISED BY IMPOSING SPECIFIC REQUIREMENTS OVER AND ABOVE THOSE CONTAINED IN THIS PERMIT WITH A VIEW TO MINIMIZING WASTE OF WATER AND TO MEETING THE REASONABLE WATER REQUIREMENTS OF PERMITTEE WITHOUT UNREASONABLE DRAFT ON THE SOURCE. PERMITTEE MAY BE REQUIRED TO IMPLEMENT SUCH PROGRAMS AS (1) REUSING OR RECLAIMING THE WATER ALLOCATED; (2) RESTRICTING DIVERSIONS SO AS TO ELIMINATE AGRICULTURAL TAILWATER OR TO

STATE OF CALIFORNIA—THE RESOURCES AGENCY

RONALD REAGAN, Governor

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
ROOM 1140, RESOURCES BUILDING
1416 NINTH STREET • SACRAMENTO 95814

ORDER APPROVING A NEW DEVELOPMENT SCHEDULE

APPLICATION 21744 PERMIT 14640

THE STATE WATER RESOURCES CONTROL BOARD HAVING DETERMINED THAT GOOD CAUSE HAS BEEN SHOWN FOR EXTENSION OF TIME WITHIN WHICH TO DEVELOP THE PROJECT PROPOSED UNDER PERMIT 14640; AND HAVING DIRECTED THAT THIS ORDER BE ISSUED;

NOW THEREFORE IT IS ORDERED THAT A NEW DEVELOPMENT SCHEDULE BE AND THE SAME IS HEREBY APPROVED AS FOLLOWS:

APPLICATION OF THE WATER TO THE PROPOSED USE SHALL BE COMPLETED ON OR BEFORE DECEMBER 1, 1971

DATED: OCT 25 1968

K. L. Woodward
K. L. WOODWARD, CHIEF
DIVISION OF WATER RIGHTS

FILE IN DUPLICATE

[For full information concerning the filling out of this form refer to Article 4 of Rules and Regulations Pertaining to Appropriation of Water]

STATE OF CALIFORNIA—STATE WATER RIGHTS BOARD

Application No. 21744 **Filed** April 16, 1964, **at** 11:09 A.M.
(Applicant must not fill in the above blanks)

APPLICATION TO APPROPRIATE UNAPPROPRIATED WATER

I, Southern California Edison Company, a California Corporation
Name of applicant or applicants

of P. O. Box 351 Los Angeles, County of Los Angeles
Address

State of California 90053, do hereby make application for a permit to appropriate the following described unappropriated waters of the State of California, *SUBJECT TO VESTED RIGHTS:*

Source, Amount, Use and Location of Diversion Works

1. **The source** of the proposed appropriation is Middle Canyon Creek, an intermittent stream
Give name of stream, lake, etc., if named; if unnamed state nature of source and that it is unnamed
located in Santa Catalina Island Los Angeles County, tributary to Pacific Ocean

2. **The amount of water** which applicant desires to appropriate under this application is as follows:

(*a*) For diversion to be directly applied to beneficial use 3 cubic feet per second, to be diverted from January 1 to December 31 of each year.
1 cubic foot per second equals 40 statute miner's inches or 646,317 gallons per day
Beginning date — Closing date

(*b*) For diversion to be stored and later applied to beneficial use 1000 acre-feet per annum, to be collected between January 1 and December 31 of each season.
1 acre-foot equals 325,851 gallons
Beginning date — Closing date

NOTE.—Answer (*a*) or (*b*) or both (*a*) and (*b*) as may be necessary. If amount under (*a*) is less than .025 cubic foot per second, state in gallons per day. Neither the amount nor the season may be increased after application is filed. If underground storage is proposed a special supplemental form will be supplied by the State Water Rights Board upon request.

3. **The use** to which the water is to be applied is domestic and irrigation purposes.
Domestic, irrigation, power, municipal, mining, industrial, recreational

4. **The point of diversion** is to be located S 67° E - 2250' from NW corner of Lot 40, Los Angeles County Assessor's Map No. 59, Book 1 Page 7 (See Map No. 564944)
State bearing and distance or coordinate distances from section or quarter section corner
being within the Santa Catalina Island has not been surveyed by section, township and range.
State 40-acre subdivision of public land survey or projection thereof
of Section ____, T. ____, R. ____, ____ B. & M., in the County of ____

5. **The main conduit** terminates in ____ of Sec. ____, T. ____, R. ____, ____ B. & M.
State 40-acre subdivision of U. S. Government survey or projection thereof

Description of Diversion Works

NOTE.—An application cannot be approved for an amount grossly in excess of the estimated capacity of the diversion works.

6. **Intake or Headworks** (fill only those blanks which apply)

(*a*) Diversion will be made by pumping from (See below)
Sump, offset well, unobstructed channel, etc.

(*b*) Diversion will be by gravity, the diverting dam being the storage dam feet in height (stream bed to level of overflow); ____ feet long on top; and constructed of ____
Concrete, earth, brush, etc.

(*c*) The storage dam when enlarged will be 105 feet in height (stream bed to spillway level); 445 feet long on top; have a freeboard of 12 feet, and be constructed of earth
Concrete, earth, etc.

7. **Storage Reservoir** ____
Name

The storage reservoir will flood lands in Los Angeles County on Santa Catalina Island and all within Lot 40, LACA Map No. 59, Assessor's Maps Book 1, Page 7.
Indicate section or sections, also 40-acre subdivisions unless shown upon map

It will have a surface area of 54 acres, and a capacity of 1010 acre-feet. If reservoir has a capacity of 25 acre-feet or more fill in the following: Diameter of outlet pipe 10 inches; length 456 feet; difference in elevation from spillway level to highest point of outlet pipe 75 feet; fall in pipe 30 feet.

☞ In case of insufficient space for answers in form, attach extra sheets at top of page 3 and cross reference.

M 1

8. **Conduit System** (describe main conduits only)

(*a*) Canal, ditch, flume: Width on top (at water line) _____ feet; width at bottom _____
Cross out two not used

feet; depth of water _____ feet; length _____ feet; grade _____ feet per 1,000 feet; materials

of construction _____
Earth, rock, timber, etc.

(*b*) Pipe line: Diameter _____ inches; length _____ feet; grade _____ feet per

1,000 feet; total fall/lift from intake to outlet _____ feet; kind _____
Riveted steel, concrete, wood-stave, etc.

NOTE.—If a combination of different sizes or kinds of conduit is to be used, attach extra sheets with complete description, also show location of each clearly on map.

9. **The estimated capacity** of the diversion conduit or pumping plant proposed is _____
State cubic feet per second or gallons per minute

The estimated cost of the diversion works proposed is Approximately $724,000
Give only cost of intake, or headworks, pumps, storage reservoirs and main conduits described herein

Completion Schedule

10. **Construction work** will begin on or before September 1, 1964

Construction work will be completed on or before February 1, 1965

The water will be completely applied to the proposed use on or before December 31, 1965

Description of Proposed Use

11. **Place of Use.** Applicant holds a certificate of public convenience and necessity to
State 40-acre subdivisions of the public land survey. If area is unsurveyed indicate the location as if lines of the public land
acquire, construct and operate a public utility water system throughout Santa Catalina
survey were projected. In the case of irrigation use state the number of acres to be irrigated in each 40-acre tract, if space permits. If space does not permit listing of all
Island.
40-acre tracts, describe area in a general way and show detail upon map.

Do(es) applicant(s) own the land whereon use of water will be made? No (Yes or No) Jointly? No (Yes or No)

All joint owners should include their names as applicants and sign application at bottom of third page.

_____

If applicant does not own land whereon use of water will be made, give name and address of owner and state what arrangements have been made with him.

12. **Other Rights.** Describe all rights except those on file with the State Water Rights Board under which water is served to the above named lands.

Nature of Right (riparian, appropriative, purchased water, etc.)	Year of First Use	Use made in recent years including amount if known	Season of Use	Source of Other Supply
1.				
2.				
3.				
4.				

Attach supplement at top of page 3 if necessary.

13. **Irrigation Use.** The area to be irrigated is 63 acres.
State net acreage to be irrigated

The segregation of acreage as to crops is as follows: Rice _____ acres; alfalfa _____ acres;

orchard _____ acres; general crops _____ acres; pasture 63 acres.

NOTE.—Care should be taken that the various statements as to acreage are consistent with each other, with the statement in Paragraph 11, and with the map.

The irrigation season will begin about January 1 (Beginning date) and end about December 31 (Closing date)

14. **Power Use.** The total fall to be utilized is _____ feet.
Difference between nozzle or draft tube water level and first free water surface above

The maximum amount of water to be used through the penstock is _____ cubic feet per second.

The maximum theoretical horsepower capable of being generated by the works is _____ horsepower.
Second feet × fall ÷ 8.8

The use to which the power is to be applied is _____
For distribution and sale or private use, etc.

The nature of the works by means of which power is to be developed is _____
Turbine, Pelton wheel, etc.

The size of the nozzle to be used is _____ inches.

The water will / will not be returned to _____ (Name stream) in _____ (State 40-acre subdivision) of

Sec. _____, T. _____, R. _____, _____ B. & M.

MIDDLE CANYON RESERVOIR - WATER APPROPRIATION

Insert for Section 8

The normal water supply outlet of the reservoir is by means of two turbine pump wells with a combined capacity of approximately 500 gpm located near the upper end of reservoir (See Map No. 577994). The diverted water passes through the alluvial fill of the reservoir bottom, which acts as a filter, into the wells and is pumped through approximately 35,000 feet of 10-inch, 8-inch and 6-inch pipeline to Wrigley Reservoir (60 af) and Falls Canyon Reservoir (3 af). Distribution to the city of Avalon and vicinity is made from these reservoirs.

It is planned to supply the Isthmus area by means of two additional pumps of about 800 gpm capacity through some six miles of ten-inch pipeline to a 17 af terminal reservoir.

DO NOT WRITE IN THIS SPACE
ATTACH EXTRA SHEETS HERE

15. **Municipal Use.** This application is made for the purpose of serving _____
Name city or cities, town or towns. Urban areas only
_____ having a present population of _____

The estimated average daily consumption during the month of maximum use at the end of each five-year period until the full amount applied for is put to beneficial use is as follows:

_____

_____

_____

16. **Mining Use.** The name of the mining property to be served is _____
Name of claim
_____ and the nature of the mines is _____
Gold placer, quartz, etc.

The method of utilizing the water is _____

It is estimated that the ultimate water requirement for this project will be _____
Cubic feet per second, gallons per minute. State basis of estimate

The water will / will not be polluted by chemicals or otherwise _____
Explain nature of pollution, if any

and it will / will not be returned to _____ in _____ of
Name stream — State 40-acre subdivision

Sec. _____, T. _____, R. _____, _____ B. & M.

17. **Other Uses.** The nature of the use proposed is domestic and irrigation
Industrial, recreational, domestic, stockwatering, fish culture, etc.

State basis of determination of amount needed.
Number of persons, residences, area of domestic lawns and gardens, number and kind of stock, type industrial use, and unit requirements

Average annual requirement of golf course - 63 acres — 20 acre-feet

Water demand-estimated 1971 permanent population of 4500 at 100 gallons per day — 504 acre-feet

Total demand — 524 acre-feet

Estimated annual safe yield of project based on the subnormal period April 1945 through January 1952 — 530 acre-feet

General

18. Are the maps as required by the Rules and Regulations filed with Application? Yes (Yes or No). If not, state specifically the time required for filing same _____

19. Does the applicant own the land at the proposed point of diversion? Yes (Yes or No). If not, give name and address of owner and state what steps have been taken to secure right of access thereto. Applicant owns site of dam; reservoir area leased to applicant by Santa Catalina Island Company.

20. What is the name of the post office most used by those living near the proposed point of diversion?

Avalon, Santa Catalina Island, Los Angeles, California

21. What are the names and addresses of claimants of water from the source of supply below the proposed point of diversion? None

SOUTHERN CALIFORNIA EDISON COMPANY

[SIGNATURE OF APPLICANT] /s/ Fred Oldendorf, Jr.
Vice President

APPLICANT MUST NOT FILL IN BLANKS BELOW

PERMIT No. 14640

This is to certify that the application of which the foregoing is a true and correct copy has been considered and approved by the State Water Rights Board SUBJECT TO VESTED RIGHTS and the following limitations and conditions:

1. The amount of water appropriated shall be limited to the amount which can be beneficially used, and shall not exceed

3 cubic feet per second to be diverted from January 1 to December 31 of each year and 1000 acre-feet to be collected from January 1 to December 31 of each year.

The equivalent of such continuous flow allowance for any thirty-day period may be diverted in a shorter time if there be no interference with vested rights. (0000005)

2. The maximum amount herein stated may be reduced in the license if investigation warrants. (0000006)

3. Actual construction work shall begin on or before June 1, 1965, and shall thereafter be prosecuted with reasonable diligence, and if not so commenced and prosecuted this permit may be revoked. (0000007)

4. Said construction work shall be completed on or before December 1, 1967. (0000008)

5. Complete application of the water to the proposed use shall be made on or before December 1, 1968. (0000009)

6. Progress reports shall be filed promptly by permittee on forms which will be provided annually by the State Water Rights Board until license is issued. (0000010)

7. All rights and privileges under this permit including method of diversion, method of use and quantity of water diverted are subject to the continuing authority of the State Water Rights Board in accordance with law and in the interest of the public welfare to prevent waste, unreasonable use, unreasonable method of use or unreasonable method of diversion of said water. (0000012) amended 5-10-84

8. Permittee shall allow representatives of the State Water Rights Board and other parties, as may be authorized from time to time by said Board, reasonable access to project works to determine compliance with the terms of this permit. (0000011)

9. A separate application for approval of plans and specifications for construction of the dam shall be filed with and approved by the Department of Water Resources prior to commencement of construction of the dam described under this approved water right application. (0130049)

10. In accordance with the requirements of Water Code Section 1393, permittee shall clear the site of the proposed reservoir of all structures, trees, and other vegetation which would interfere with the use of the reservoir for water storage and recreational purposes. (0120050)

11. If vested rights exist to the waters of Middle Canyon Creek below permittee's dam, water entering the reservoir or collected in the reservoir during and after the current storage season shall be released into the downstream channel to the extent necessary to satisfy downstream prior rights and/or to the extent that appropriation of water is not authorized under this permit. (0000800)

12. Permittee shall install and maintain an outlet pipe of adequate capacity in his dam as near as practicable to the natural stream channel or provide other means satisfactory to the State Water Rights Board to comply with the preceding paragraph. (0050043)

This permit is issued and permittee takes it subject to the following provisions of the Water Code:

Section 1390. A permit shall be effective for such time as the water actually appropriated under it is used for a useful and beneficial purpose in conformity with this division (of the Water Code), but no longer.

Section 1391. Every permit shall include the enumeration of conditions therein which in substance shall include all of the provisions of this article and the statement that any appropriator of water to whom a permit is issued takes it subject to the conditions therein expressed.

Section 1392. Every permittee, if he accepts a permit, does so under the conditions precedent that no value whatsoever in excess of the actual amount paid to the State therefor shall at any time be assigned to or claimed for any permit granted or issued under the provisions of this division (of the Water Code), or for any rights granted or acquired under the provisions of this division (of the Water Code), in respect to the regulation by any competent public authority of the services or the price of the services to be rendered by any permittee or by the holder of any rights granted or acquired under the provisions of this division (of the Water Code) or in respect to any valuation for purposes of sale to or purchase, whether through condemnation proceedings or otherwise, by the State or any city, city and county, municipal water district, irrigation district, lighting district, or any political subdivision of the State, of the rights and property of any permittee, or the possessor of any rights granted, issued, or acquired under the provisions of this division (of the Water Code).

Dated: MAR 9 1965

STATE WATER RIGHTS BOARD

L. K. Hill

L. K. Hill
Executive Officer

21480-987 4-64 5M ① OSP