

## PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

COMMISSION ADVISORY & COMPLIANCE DIVISION  
Water Utilities BranchRESOLUTION W-3507  
August 8, 1990R E S O L U T I O N(RES. W-3507), SUBURBAN WATER SYSTEMS (SWS), WHITTIER DISTRICT. ORDER AUTHORIZING AN OFFSET RATE INCREASE PRODUCING \$173,115 OR 2.98% ADDITIONAL ANNUAL REVENUE.

By Advice Letter (AL) 192, filed June 27, 1990, SWS requests authority under Section VI of General Order 96-A and Section 454 of the Public Utilities Code to increase rates by \$173,115 or 2.98% to recover the costs of plant investment associated with the fourth phase of the Bartolo Transmission Line Rehabilitation Project approved by the Commission in Decision (D.) 87-05-026, dated May 13, 1987. The Bartolo Line is a 7-mile transmission main extending from SWS's well field at the Whittier Narrows Dam through the City of Whittier, to the distribution system and storage reservoir on Whittier Boulevard. SWS serves about 17,228 metered customers in the City of Whittier and vicinity, Los Angeles and Orange Counties.

The present rates became effective on July 19, 1989 pursuant to Resolution No. W-3457. The last general rate increase for Whittier District became effective on June 6, 1984 pursuant to D.84-06-095, in which the Commission found rates of return on rate base of 12.64% for 1984, 12.78% for 1985, and 12.81% for 1986 reasonable, with a 14.25% return on equity. By D.87-01-059, effective January 28, 1987, for SWS's San Jose District, the Commission found a rate of return of 11.31% reasonable for SWS for 1987, 1988 and 1989 based on a 12.75% return on equity. This offset filing has employed the 11.31% rate of return to calculate the revenue requirement.

AL 192 was filed pursuant to Ordering Paragraphs 2 and 3 of D.87-05-026 which states:

"2. Suburban is authorized to recover the costs associated with the company's investment in the Bartolo transmission line project through increased rates by means of a rate base offset advice letter filing each year, commencing upon completion of the first year's increment of the project and ending upon completion of the entire project. Such offset filing would be separate from and independent of any general rate increase applications which might be filed for the Whittier District by Suburban during this period."

"3. Suburban shall file annual advice letters requesting rate increases with supporting work papers listing the itemized capital costs and expenses disbursed, showing calculations on revenue requirements, and containing a proposed rate design that complies with the Commission's rate design policy as specified in Decision 86-05-064 dated May 28, 1986. Such filing shall be made in May of each year, based on the actual expenditures on the project during the winter construction period of November through March immediately preceding."

Order 3 above states that the filing should be made in May of each year and assumes that the project will be worked on during the preceding winter construction period from November through March. The calculations utilized in this filing are consistent with those used in the filing of Phase III which has already been approved.

The Bartolo Line is 80 years old and for most of its 7-mile length operates under gravity flow. Rehabilitation of the Bartolo Line is necessary to bring it into conformance with the minimum pressure requirement of the California Department of Health Services. The minimum pressure requirement of five pounds per square inch is set forth in Title 22 of the California Administrative Code pertaining to Environmental Health. (The Commission's General Order 103, "Rules Governing Water Service Including Minimum Standards for Design and Construction," does not address the pressure in transmission mains, rather it deals with the pressure at the customer's service connection.) Pressurization is necessary to prevent extraneous material from entering and contaminating potable water carried in the line.

By AL 192, SWS seeks recovery of the costs for the fourth phase of the rehabilitation. The Bartolo Phase IV Project was installed in the City of Whittier beginning from Penn Street and Whittier Avenue and continuing southeasterly on various streets to Washington Avenue south of Walnut Street. The installation consists of 4,195-feet of 30-inch C-50 ductile iron pipe, 15-feet of 24-inch C-50 ductile iron pipe and 358-feet of 12-inch C-900 P.V.C. Pipe. Backfill materials and pavement were restored as per the specifications and the requirements of the City of Whittier.

SWS's rate base in Phase IV of the project is \$866,341. The associated revenue requirement to be recovered in rates is \$173,115 which represents a 2.98% increase in annual revenues. The Branch has reviewed the records of expenditures and conducted a field inspection of the project, and believes that SWS's request is reasonable.

With the exception of the health-related problems with the Bartolo Line, service is satisfactory. There are no other Commission orders requiring system improvement, and no other significant service problems requiring corrective action.

SWS has a variety of programs designed to promote water conservation, including monthly reminders in water bills, a quarterly newsletter insert, free leak detection service, free customer conservation kits, a wide variety of conservation literature, community conservation presentations and an emergency conservation plan. It has ample back-up supplies and expects to suffer no shortages even if the current drought should continue into next year.

SWS has given public notice of the request for increase by publishing in the Whittier Daily News on July 6, 1990. No customer protests or correspondence have been received.

A rate increase caused by the addition of plant, which is fixed and not related to water consumption, would ordinarily be applied solely to the service charge portion of a metered rate schedule. However, SWS's existing rate schedules already conform to the Commission's rate design policy for water utilities established in D.86-05-064 which calls for fewer rate blocks and service charges to recover up to 50% of fixed costs. Since the current recovery from service charges is already 50%, SWS's rate design spreads the revenue increase between the quantity and service charges so that this 50% recovery is maintained.

Quantity rates will be increased by \$0.018 per Ccf. (One Ccf equals one hundred cubic feet.) For the typical residential customer, the service charge will be increased by \$0.35 per month.

SWS has not updated its tariff Rule No. 17, Standards for Measurement of Service. The Branch recommends that SWS be ordered to do so.

The following table below shows typical bills for residential customers at various usage levels at present and proposed rates:

General Metered Service (5/8 x 3/4-inch meters)

<u>Monthly Usage</u>	<u>Present Rates</u>	<u>Proposed Rates</u>	<u>Percent Increase</u>
300 cu. ft.	\$10.73	\$11.14	3.82%
1,000	16.51	17.05	3.27
2,000 (Avg.)	24.77	25.49	2.91
3,000	33.03	33.93	2.72
4,000	41.29	42.37	2.62
5,000	49.55	50.81	2.54

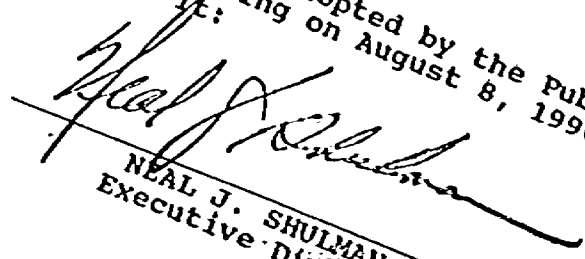
THE COMMISSION FINDS, after investigation by the Branch, that the rate increase hereby authorized is justified and the resulting rates are just and reasonable.

IT IS ORDERED that:

1. Suburban Water Systems is authorized, on the effective date herein, to make effective revised Schedule No. WH-1 attached to Advice Letter No. 192 and to cancel the presently effective rate schedules for water service.
2. Suburban Water Systems shall file updated tariff Rule No. 17 within 90 days.
3. This resolution is effective today.

I hereby certify that this resolution was adopted by the Public Utilities Commission at its regular meeting on August 8, 1990. The following commissioners approved it:

G. MITCHELL WILK  
 President  
 FREDERICK R. DUDA  
 STANLEY W. HULETT  
 JOHN B. OHANIAN  
 PATRICIA M. ECKERT  
 Commissioners

  
 NEAL J. SHULMAN  
 Executive Director

# CORRECTION

THIS DOCUMENT HAS  
BEEN REPHOTOGRAPHED

TO ASSURE


LEGIBILITY

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