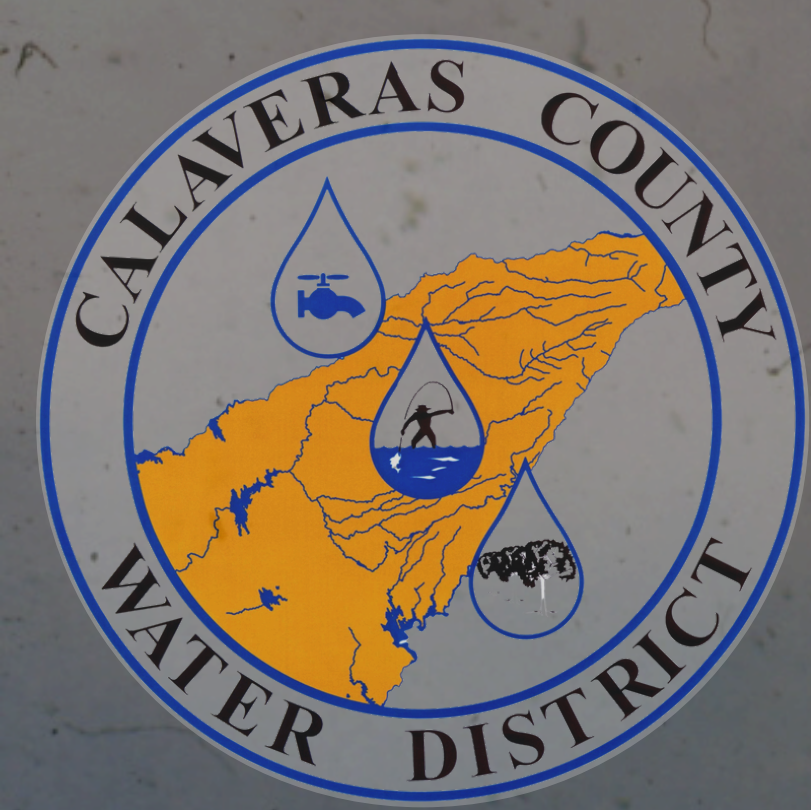


This PDF consists of slides that accompanied a verbal presentation.

To view the full presentation [Click Here](#) for the full video.

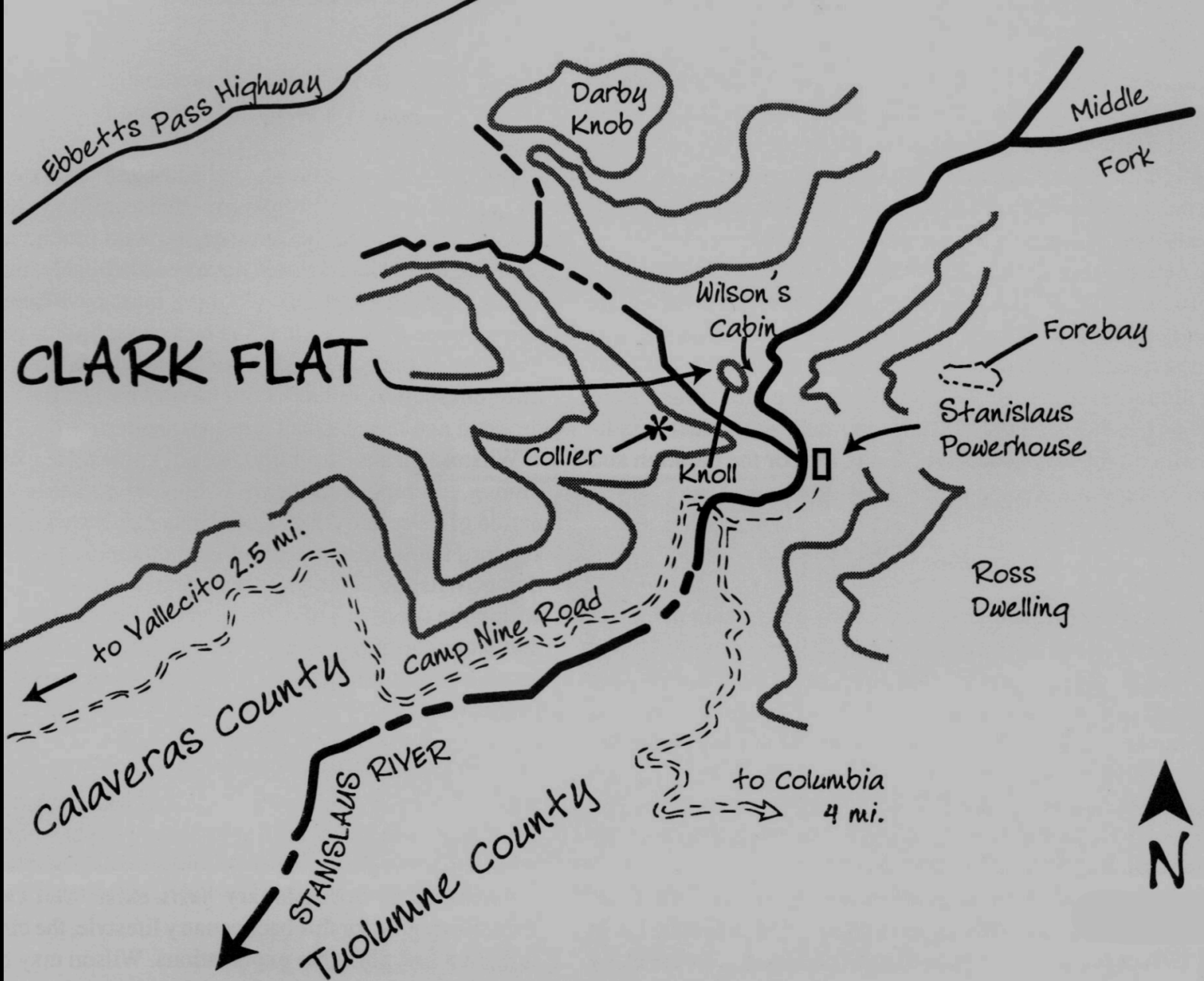




# North Fork Stanislaus River Hydroelectric Development Project









1927 - 1929



Original Spicer Dam







Original Spicer Dam



1927 - 1929



Old Spicer Reservoir







In **1945** The California Water Resources Control Board was created to centralize and improve the management of the state's water resources, addressing growing demands and unifying water rights and quality regulation under one agency.



OFFICIAL MAP OF  
**CALAVERAS COUNTY**  
 CALIFORNIA  
 COMPILED FROM



The late Senator Jesse Mayo of Angels Camp felt Calaveras County should take steps to safeguard its water rights.

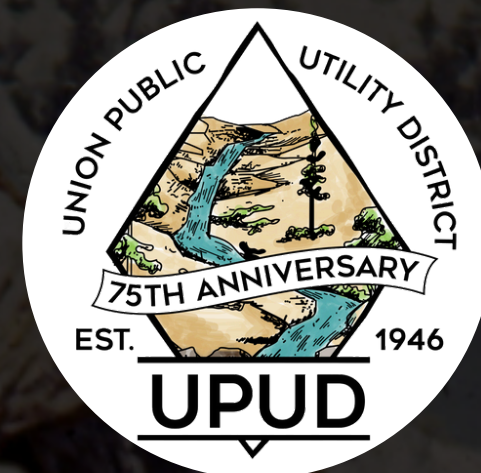


1927 - 1929

Utica Gold Mining Company sold the water conveyance system & powerhouse to PG&E.



Union Public Utility District formed.



1946



1927 - 1929

The voters of  
Calaveras County  
create  
the Calaveras County  
Water District.



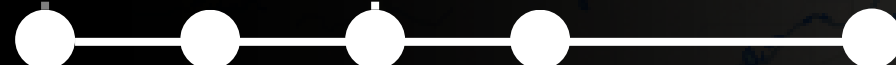
1946





1927 - 1929

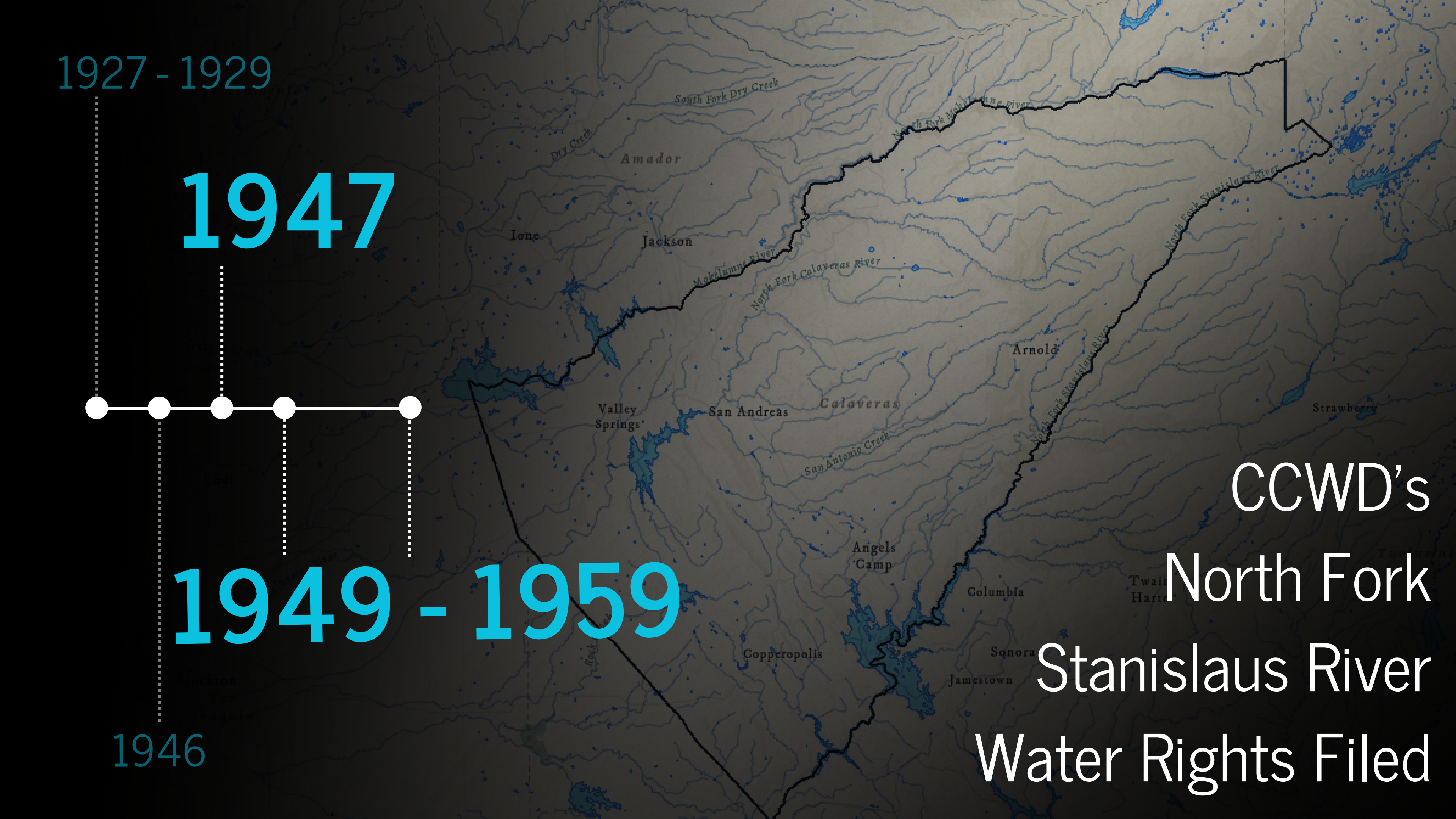
1947



1949 - 1959

1946

CCWD's  
North Fork  
Stanislaus River  
Water Rights Filed

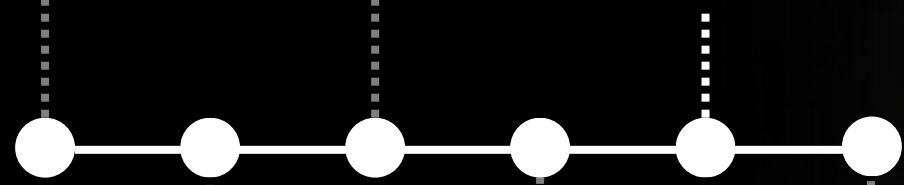




1927 - 1929

# 1950's

1947 Project  
Conceptualization



1949 - 1959

1946



Arnold CA 1950 Photo Credit - Calaveras County Historical Society



1927 - 1929

**1958**

1947 EBMUD  
Settlement

1949 - 1959

1946





1927 - 1929

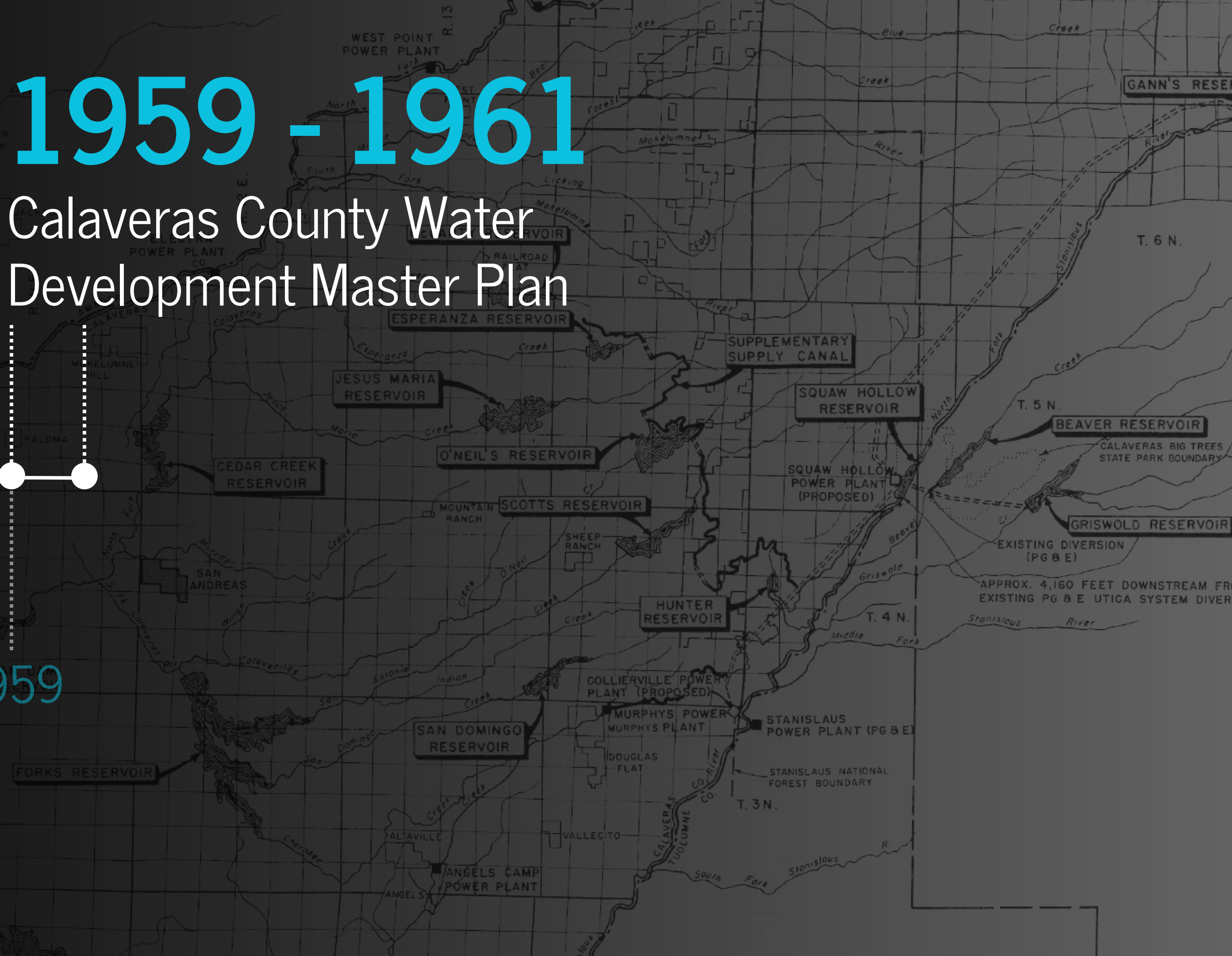
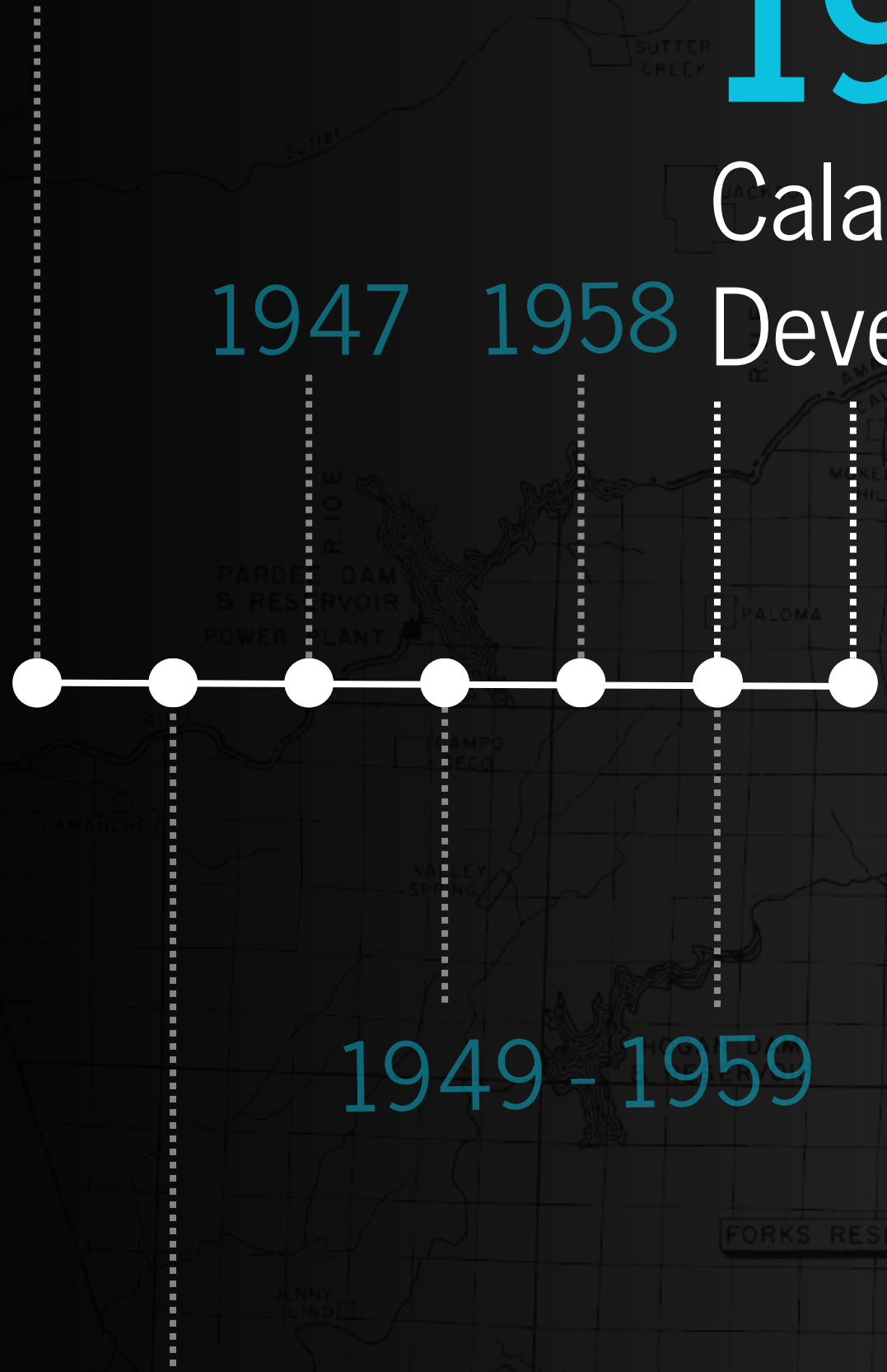
# 1959 - 1961

## Calaveras County Water Development Master Plan

1947 1958

1949 - 1959

1946



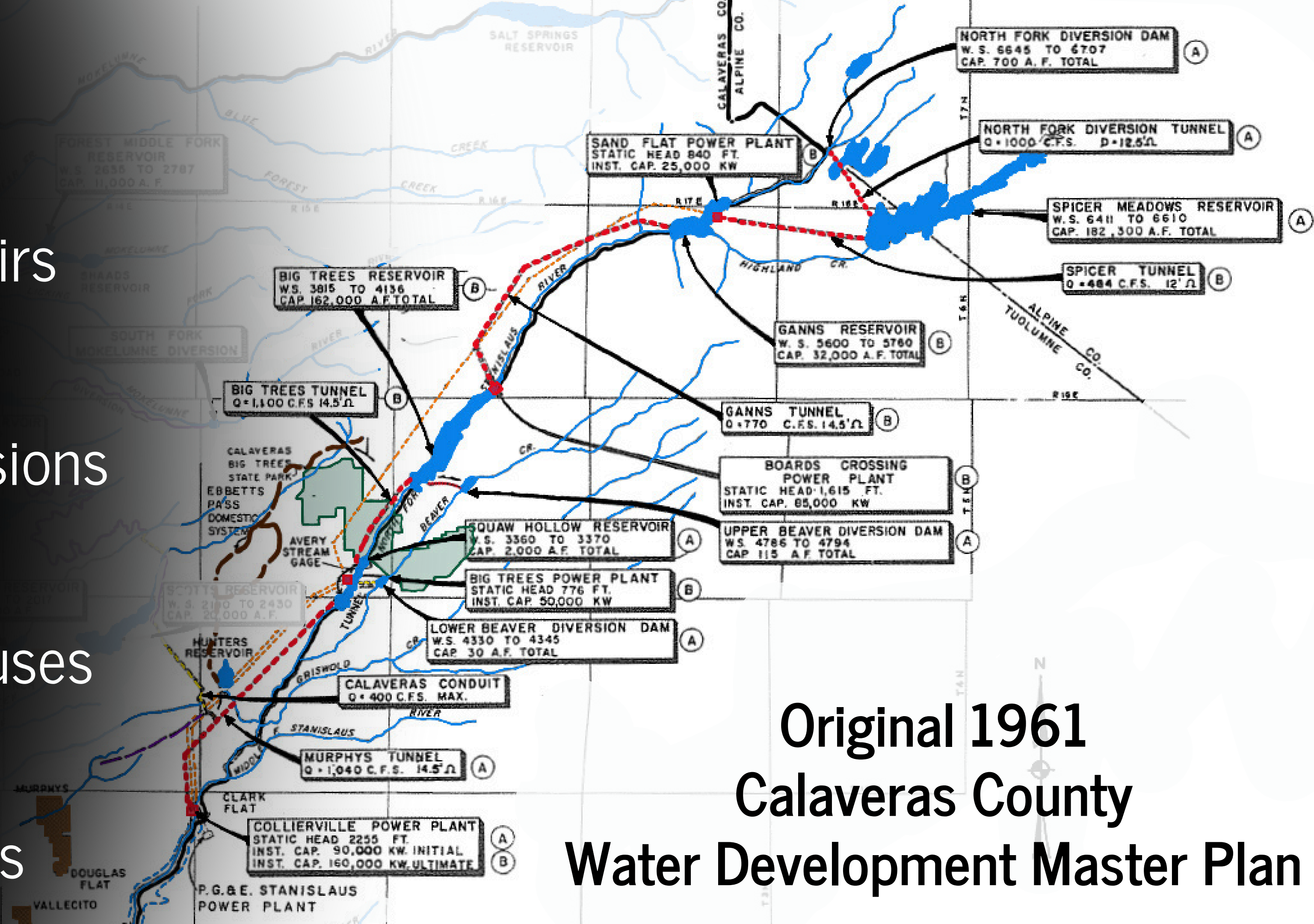


7  
Dams  
&  
Reservoirs

3  
River Diversions

4  
Powerhouses

5  
Tunnels



Original 1961  
Calaveras County  
Water Development Master Plan



1927 - 1929

1959 - 1961

1947

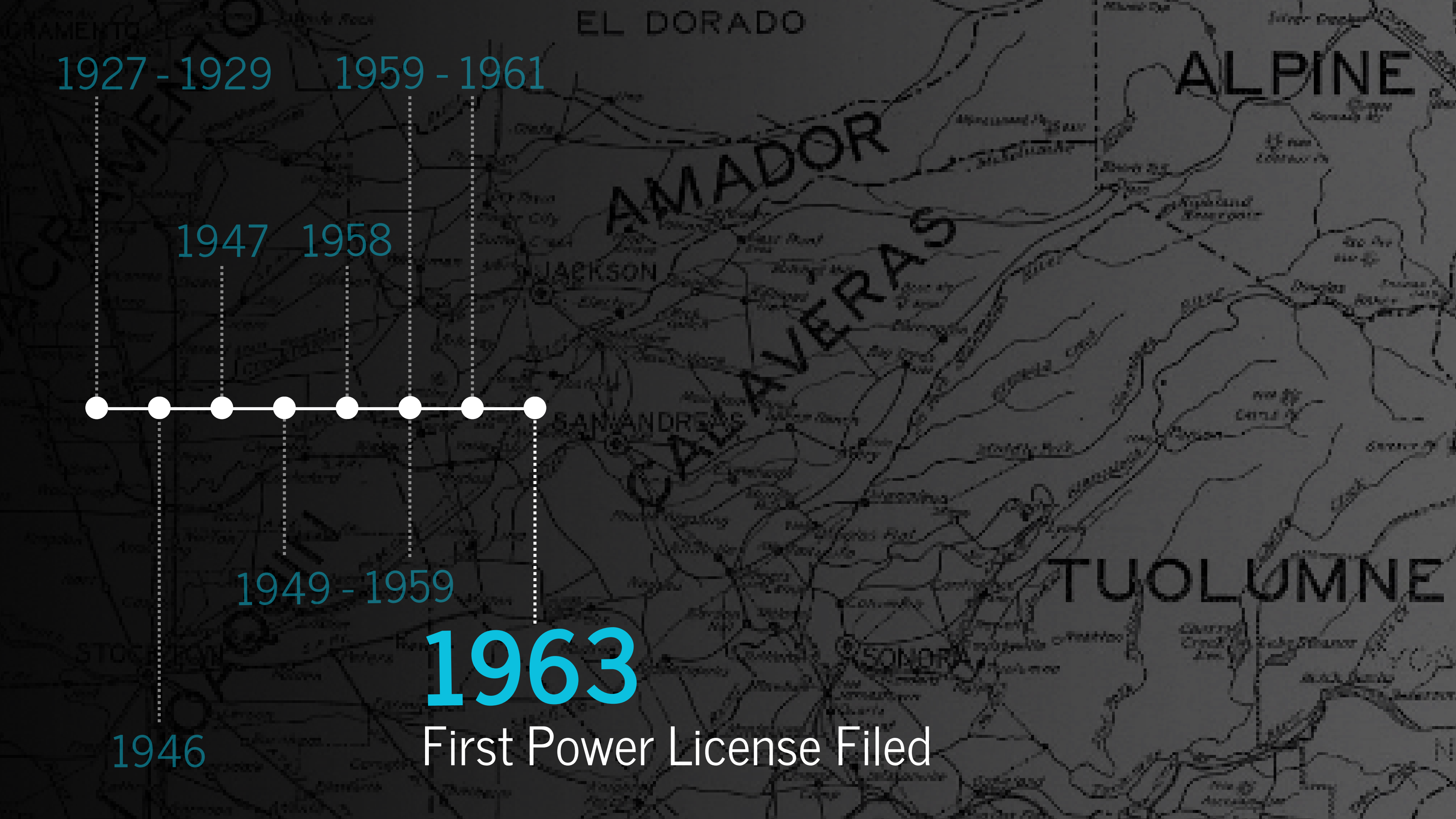
1958

1949 - 1959

1946

**1963**

First Power License Filed





1927 - 1929

1959 - 1961

1947

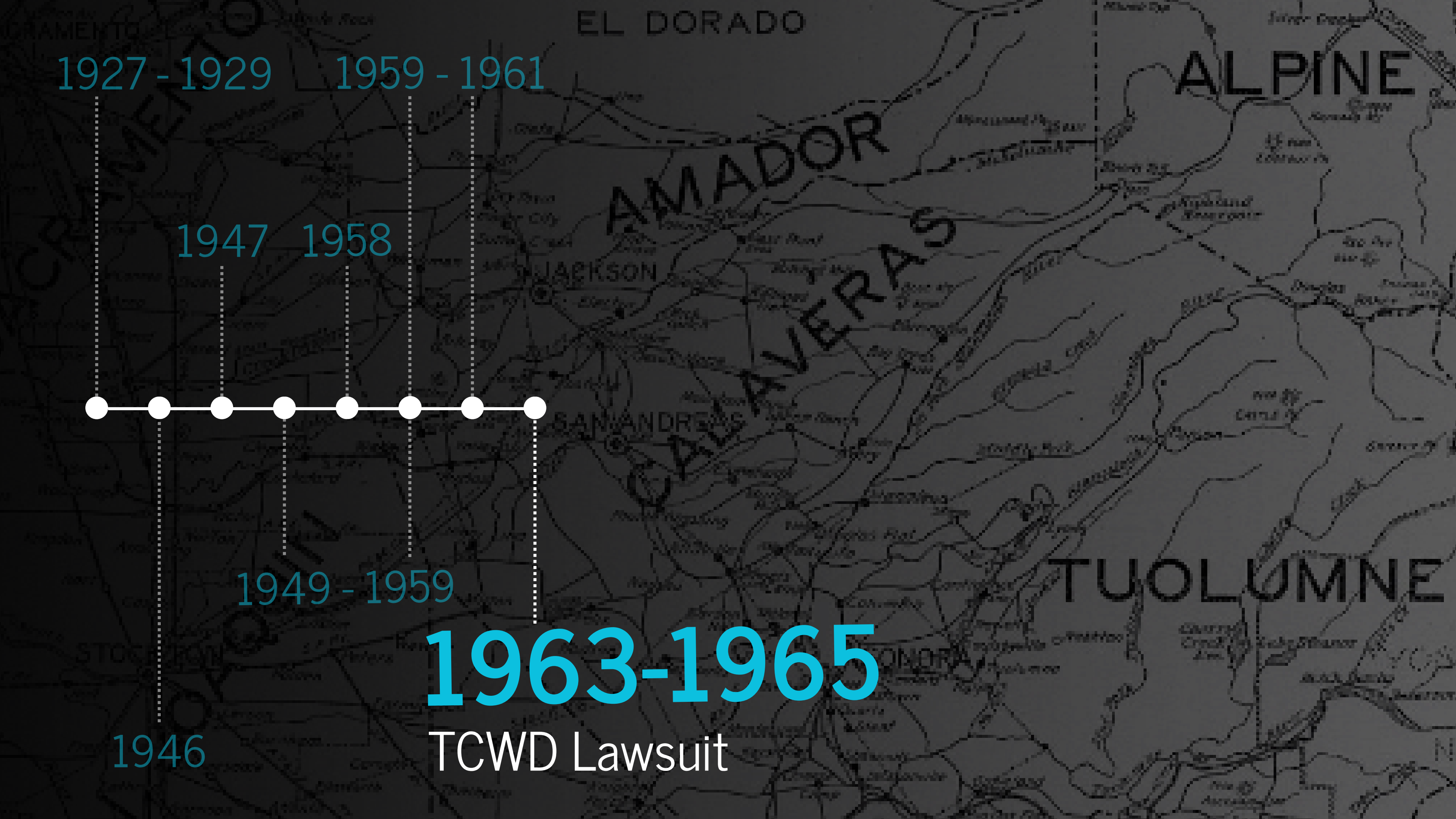
1958

1949 - 1959

**1963-1965**

TCWD Lawsuit

1946





1927 - 1929

1959 - 1961

1947

1958

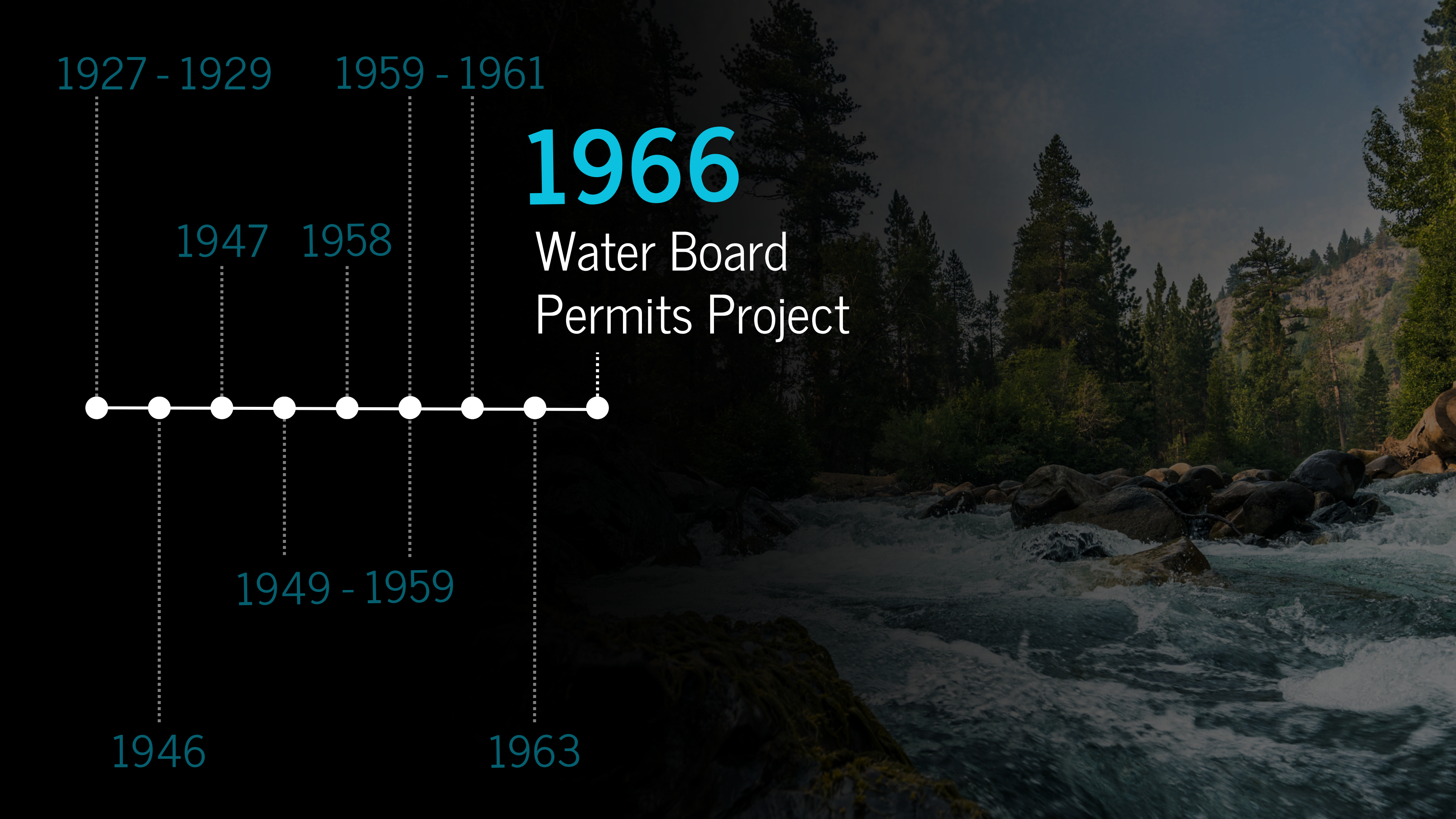
# 1966

## Water Board Permits Project

1949 - 1959

1946

1963





1927 - 1929

1959 - 1961

1947

1958

1966



1949 - 1959

**1974**

Power Purchase  
Options

1946

1963





1927 - 1929

1959 - 1961

# 1975

## EIR & FERC

### Amendment

1947

1958

1966

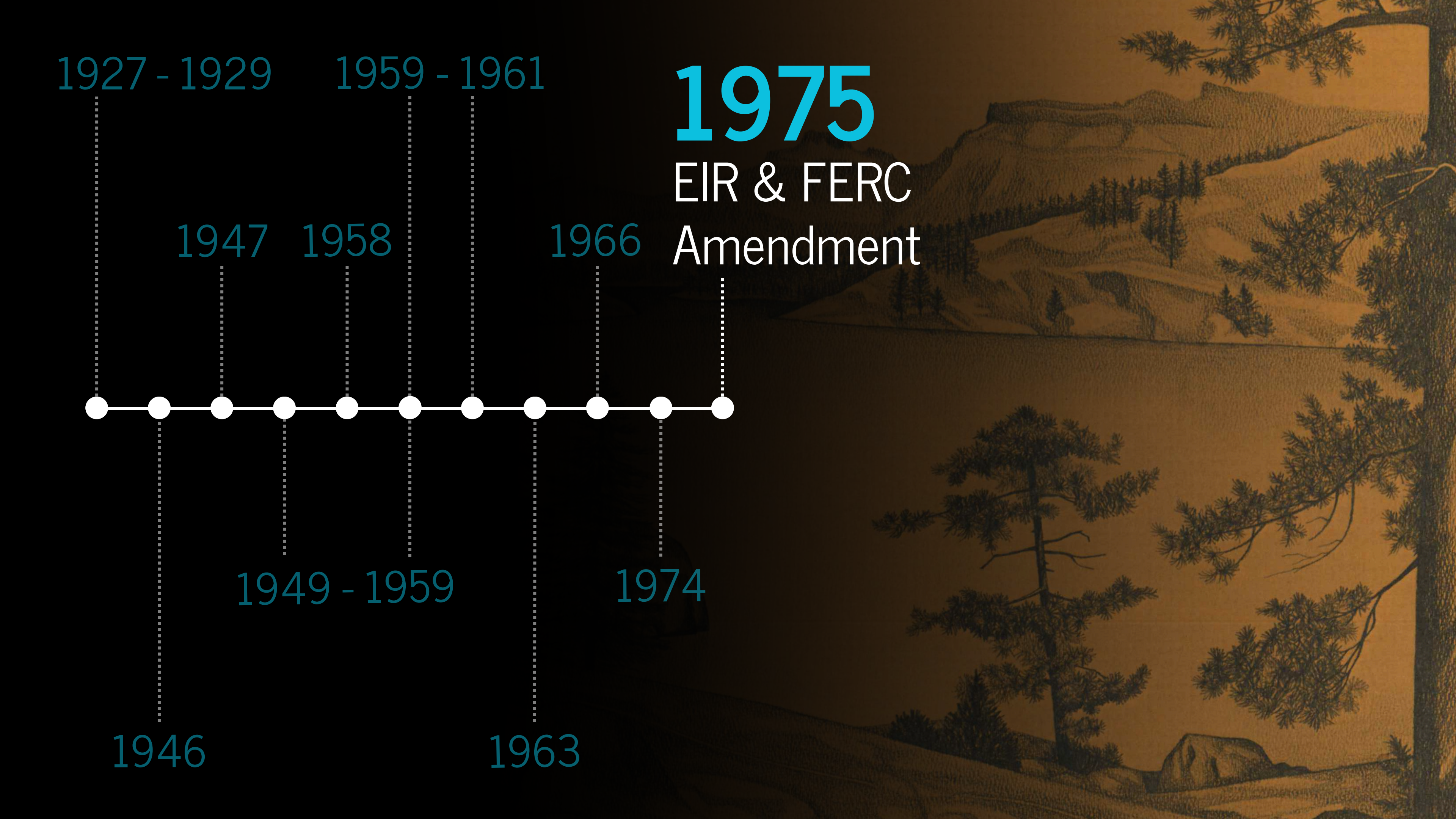


1949 - 1959

1974

1946

1963

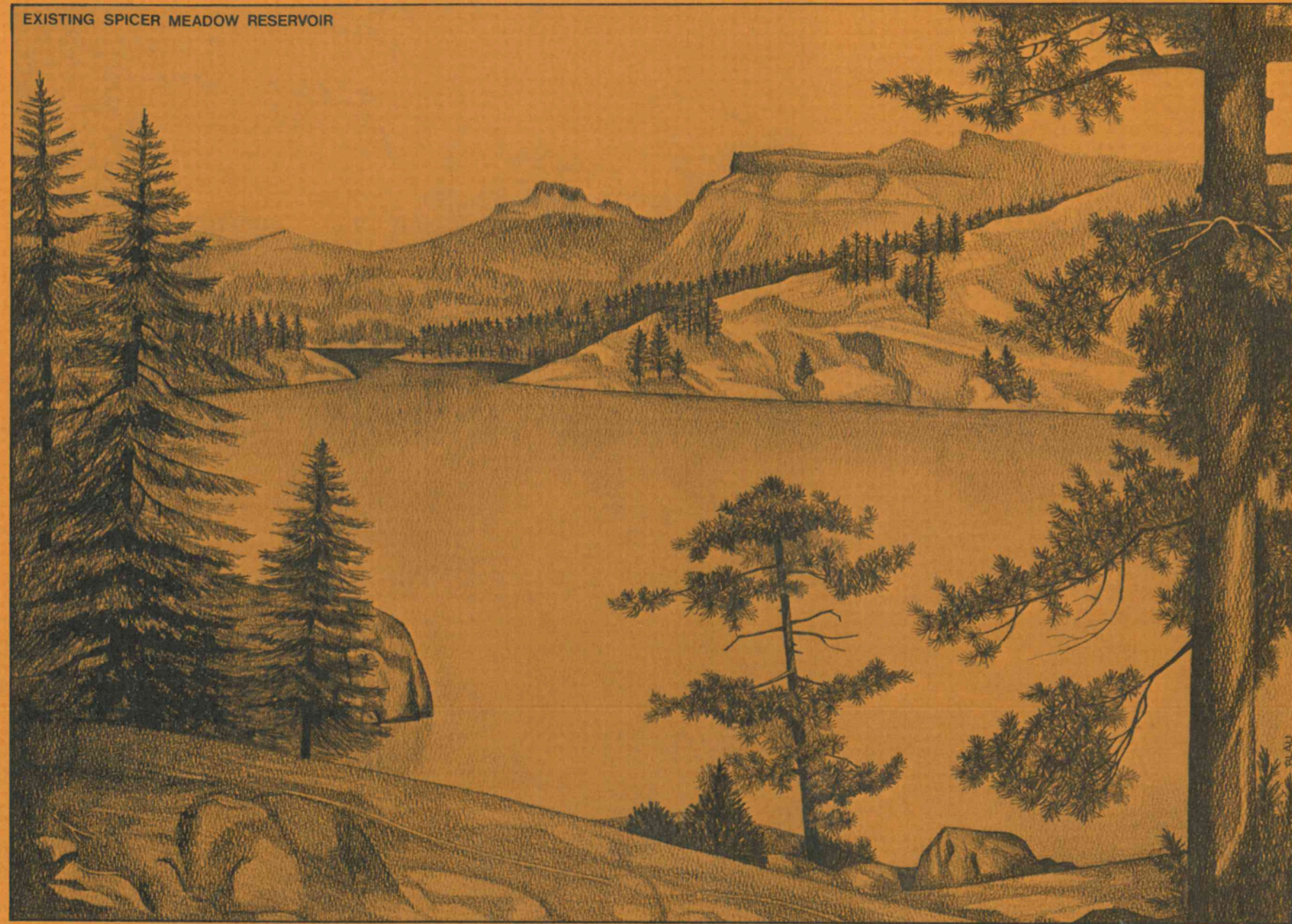




# ENVIRONMENTAL REPORT

# Volume II

EXISTING SPICER MEADOW RESERVOIR



REVISED APPLICATION FOR FPC PROJECT NO. 2409

## NORTH FORK STANISLAUS RIVER

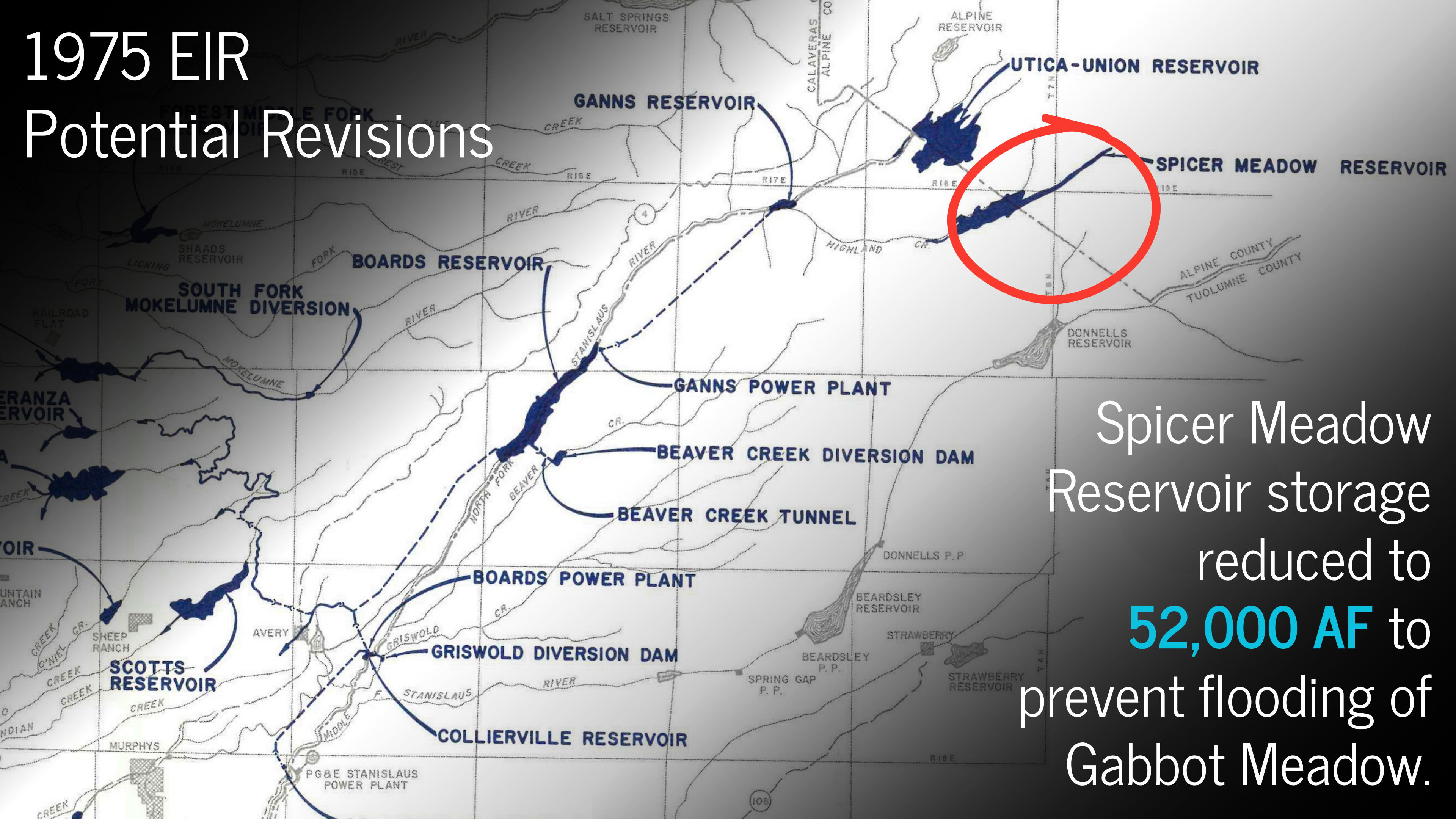
CALAVERAS COUNTY WATER DISTRICT, SAN ANDREAS, CALIFORNIA MARCH 1975



LOCATION MAP



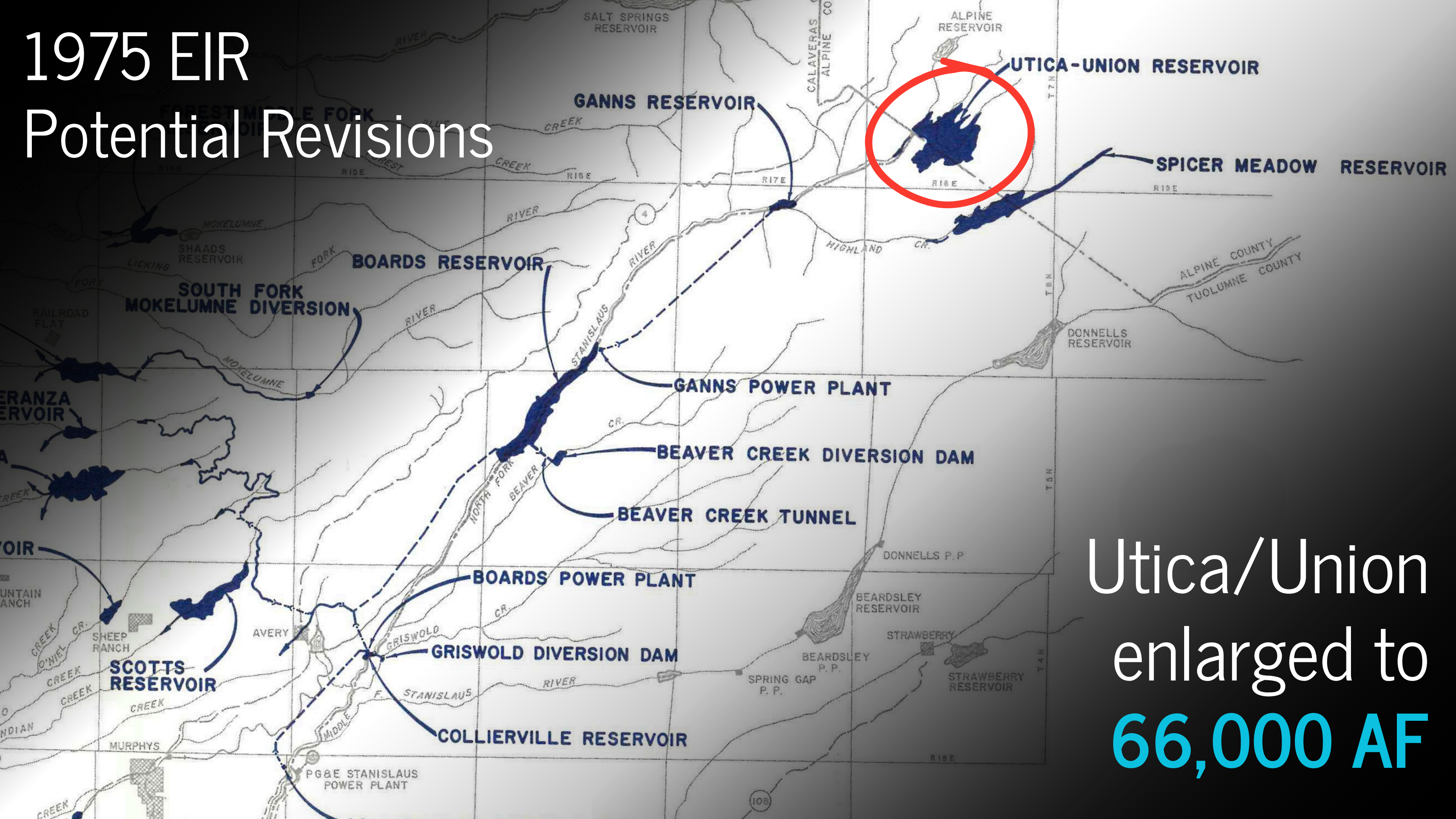
# 1975 EIR Potential Revisions



Spicer Meadow Reservoir storage reduced to **52,000 AF** to prevent flooding of Gabbot Meadow.



# 1975 EIR Potential Revisions



Utica/Union  
enlarged to  
**66,000 AF**



# 1975 EIR Potential Revisions



Boards Reservoir increased in capacity from 162,000 to **200,000 AF**



1927 - 1929

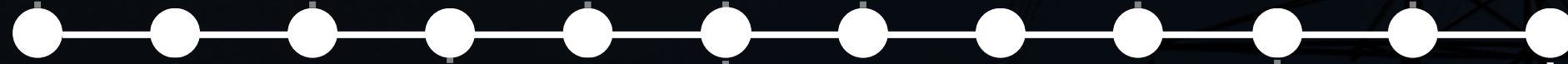
1959 - 1961

1975

1947

1958

1966



1949 - 1959

1974

**1977**

1946

1963

CCWD & NCPA Partnership



1927 - 1929

1959 - 1961

1975

**1978**

Final EIR

1947

1958

1966



1949 - 1959

1974

1946

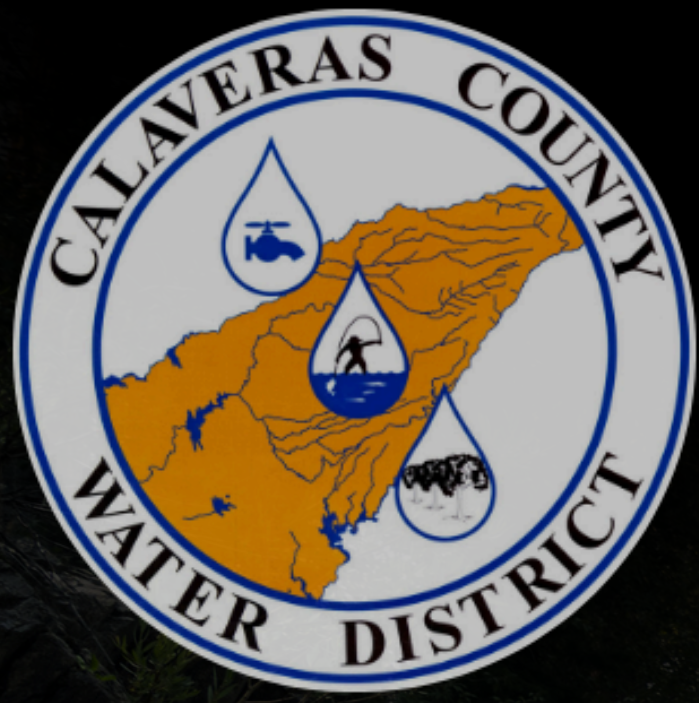
1963

1977

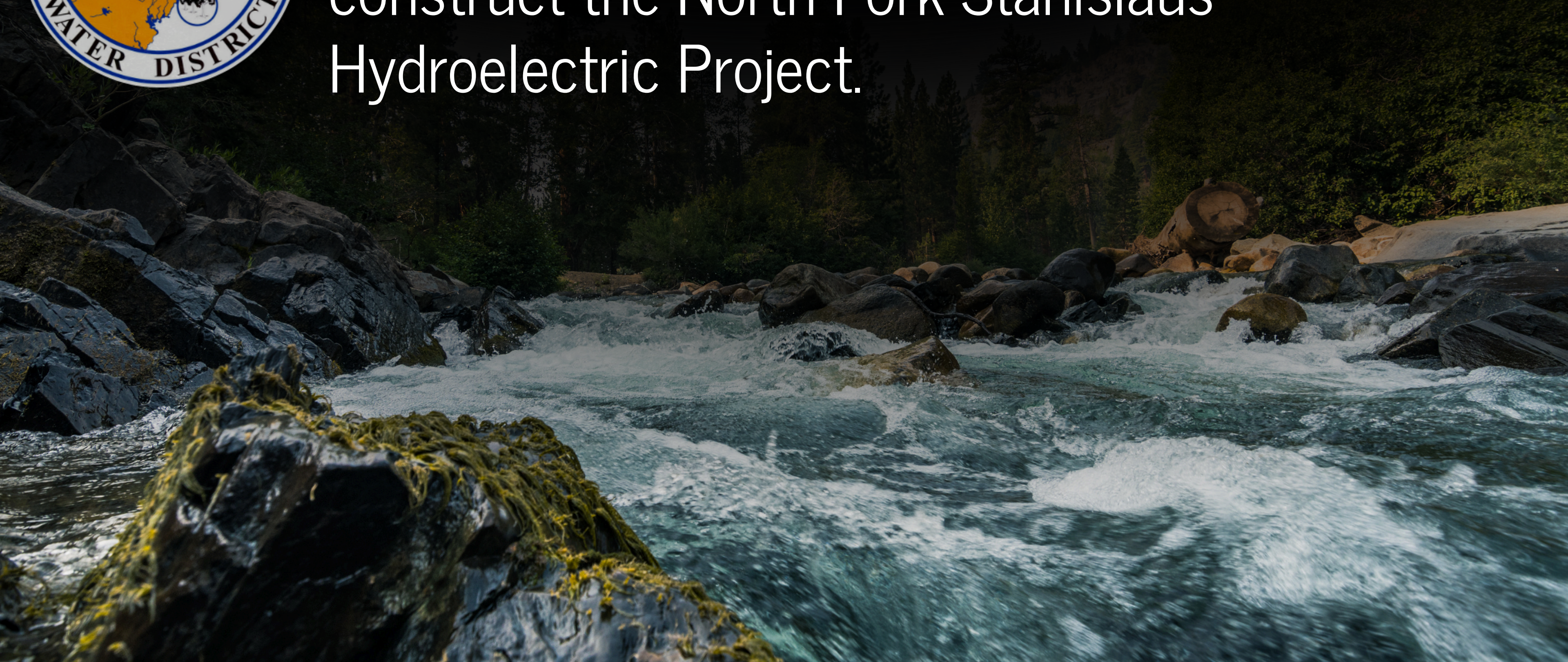
**CALAVERAS  
COUNTY  
WATER  
MASTER PLAN**

CALAVERAS COUNTY WATER DISTRICT  
MAY 1974





After several decades of preliminary work, CCWD received a license in **February 1982** to construct the North Fork Stanislaus Hydroelectric Project.







In **1985** NCPA assumed the responsibilities as the construction management for the project



1927 - 1929

1959 - 1961

1975

# 1985 - 1989

Construction

1947

1958

1966

1978



1949 - 1959

1974

1982

1946

1963

1977



McKay's Reservoir Site  
&  
The Upper Utica Flume Diversion

PM 3:52  
8.12.85



PM

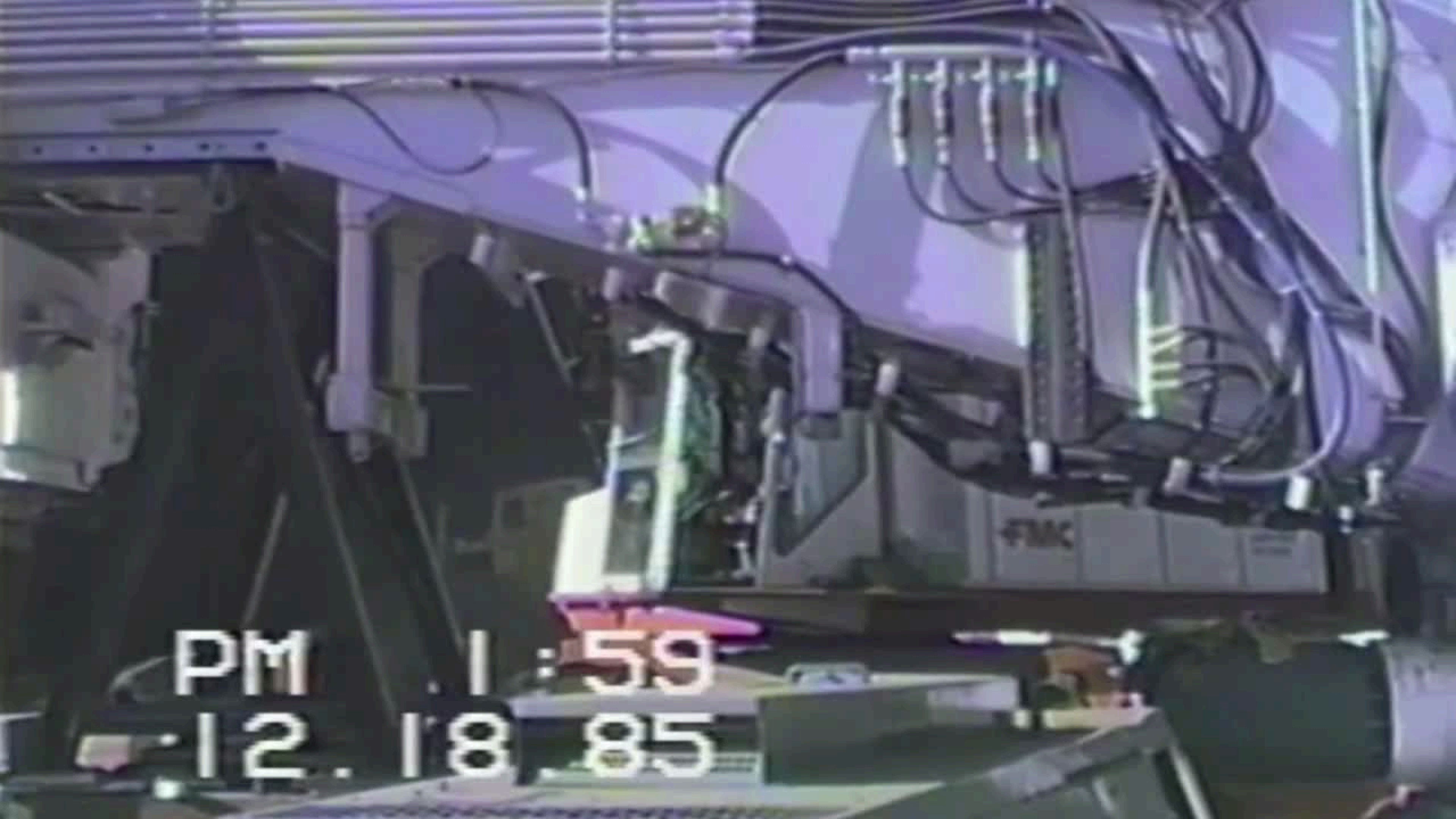
12

1

18

59

85











## Dedication ceremonies held for North Fork Project

### New Spicer Reservoir

After decades of talk, planning, permitting, controversy and construction, dedication ceremonies were held July 27 for the North Fork Stanislaus River Hydroelectric Project.

Over 300 people attended the ceremonies held at New Spicer Meadow reservoir, including some who had worked on the project for over 20 years.

The project was first talked about back in the 1940's. Initial plans were made by the Calaveras County Water District (CCWD) in the 1950's and the first license application was filed with the Federal Energy Regulatory Agency (FERC) back in 1959.

After partnerships with other agencies fell through, CCWD signed a memorandum of understanding with the Northern California Power Agency in 1977.

NCPA is a joint powers agency

whose members include the cities of Alameda, Gridley, Healds-

Redding, Roseville, Santa Ana, and Ukiah, plus the Plumas-Sierra Rural Electric Cooperative, Truckee-Donner Public Utility District, and Turlock Irrigation District.

While CCWD is the project licensee, it is NCPA that financed and managed the construction of the massive project. The financing was done through a \$624 million bond issue.

NCPA is now responsible for operation of the facility and has exclusive rights to all generated energy for 50 years, after which the project will belong to CCWD.

CCWD has already received over \$40 million from NCPA because of the project and is now receiving monthly payments of approximately \$19,000.

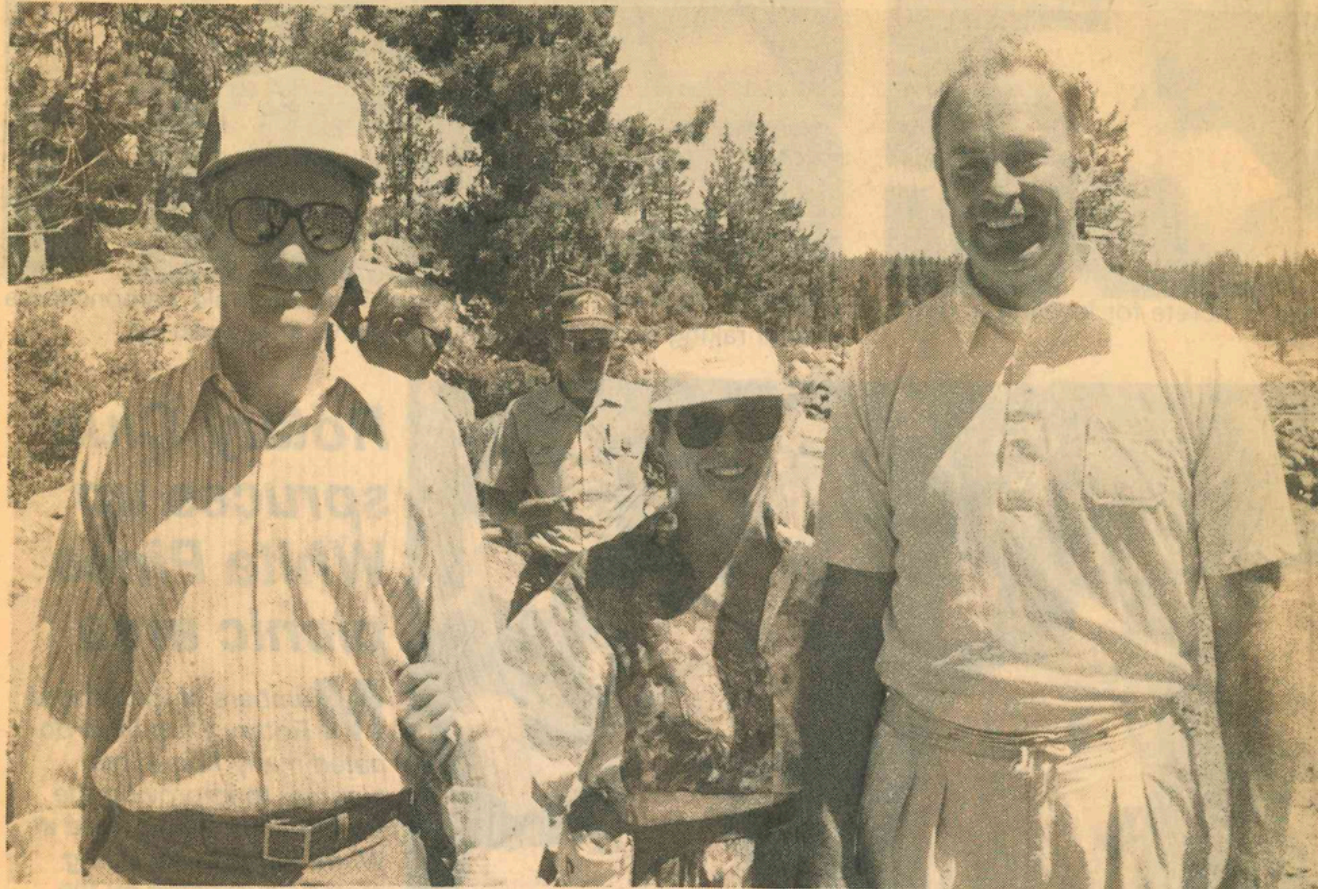
DEDICATION CEREMONIES for the entire North Fork Stanislaus Hydroelectric Project were held July 27 at the edge of the New Spicer Meadow reservoir.

Enterprise photo by Carol Cook





# HIGHLIGHTING HWY. 4 *from Copperopolis to Bear Valley.*



CCWD MANAGEMENT staff at the event included, from left, newly appointed Assistant Manager Larry Diamond, Executive Assistant Linda O'Keefe, and Manager Steve Felte.



AMONG THE CCWD personnel who attended the long awaited dedication ceremonies of the North Fork Project were, from left, Board Chairman Dick Queirolo, Director Bill Gleason, former Director C.T. Johnson, and staff members Ted Brubaker and Carlin Serra. *Enterprise photos by Carol Cook*

## North Fork Project ceremonies

*continued from page A-1*

Spicer Meadow dam), two tunnels, two powerhouses and over 50 miles of transmission lines.

The project stretches along the Stanislaus River from the New Spicer Meadow reservoir, reached by a road off Highway 4 near the Hell's Kitchen Vista Point below Bear Valley, to the Collierville Powerhouse near PG&E's Camp Nine Powerhouse outside Vallecito, with transmission lines running to PG&E's Bellota Substation.

The plaque honoring him was created by Angels Camp artist Miles Metzger and placed on a large boulder overlooking the New Spicer reservoir.

Most of the dedication speakers commented on the fact that construction of the large and complicated project was completed by Sierra Constructors on time and under budget. The total construction cost was just over \$270 million.

The project was substantially

the body of knowledge about prehistoric times in this area.

The most unexpected find was a deeply buried structural remnant, including a hard packed floor, collapsed rock wall and a hearth full of charcoal, that was estimated to be about 10,000 years old and changed accepted concepts of Sierran prehistory.

Until that find, which is acknowledged as the oldest structure in North America, people in this area 10,000 years ago were believed to be nomadic hunters

destroyed by construction or inundated by water, Peak pointed out that without the North Fork project, the sites would probably never have been found and the information and artifacts uncovered there would have remained unknown.

In addition to NCPA representatives from throughout Northern California and hydroelectric experts from as far away as Switzerland, the dedication was also attended by numerous CCWD personnel, including cur-





sion lines running to PG&E's Bellota Substation.

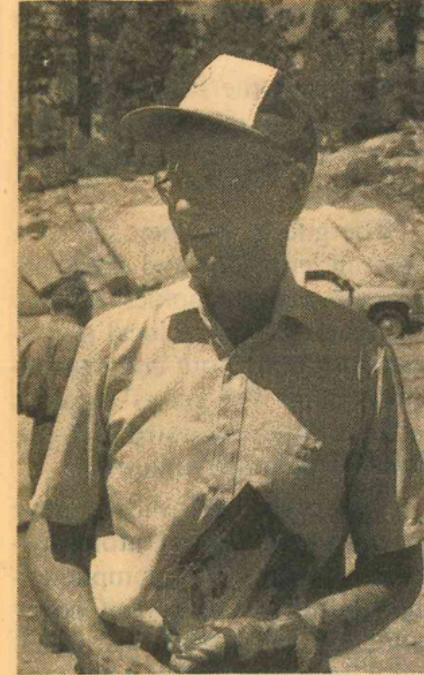
Speakers at the dedication ceremony represented the various agencies involved, including Michael McDonald, general manager of NCPA; Fred Reid, NCPA chairman; Richard Queirolo, chairman of the board of CCWD; Gordon Van Vleck, State Secretary of Resources, representing Governor George Deukmejian; Fred Springer, director of FERC's Hydro Licensing Division; and Ann Peak, project archaeologist.

Also participating was Dennis DeCuir of the legal firm of McDonough, Holland & Allen, who unveiled a plaque dedicating the project to the late Martin McDonough.

McDonough was a nationally recognized expert on water law who helped create NCPA in 1968, served as its general counsel and worked on the North Fork Project from the beginning of NCPA's involvement. Until his death in 1987 he was considered the preeminent authority on joint action for voter-owned, public electric power systems.

\$270 million. The project was substantially complete late last year and began producing power earlier this year.

Construction of the project also uncovered several major archaeological finds, and it was noted that the finds did not stop the project but did certainly add to



CCWD DIRECTORS, past and present, who attended the ceremonies included, from left, current Director Dennis Dooley, former longtime Director Dave Silveira, and current Directors Ray Neilsen and (below) Dick Weinkle.

ture in North America, people in this area 10,000 years ago were believed to be nomadic hunters. This evidence of at least a semi-permanent occupation was unexpected and heralded worldwide as a major archaeological discovery.

Although most of the archaeological sites have now been des-

as Switzerland, the dedication was also attended by numerous CCWD personnel, including current and past staff and board members.

Most of those present agreed wholeheartedly with FERC Director Fred Springer's statement that the project is a "tribute to perseverance."



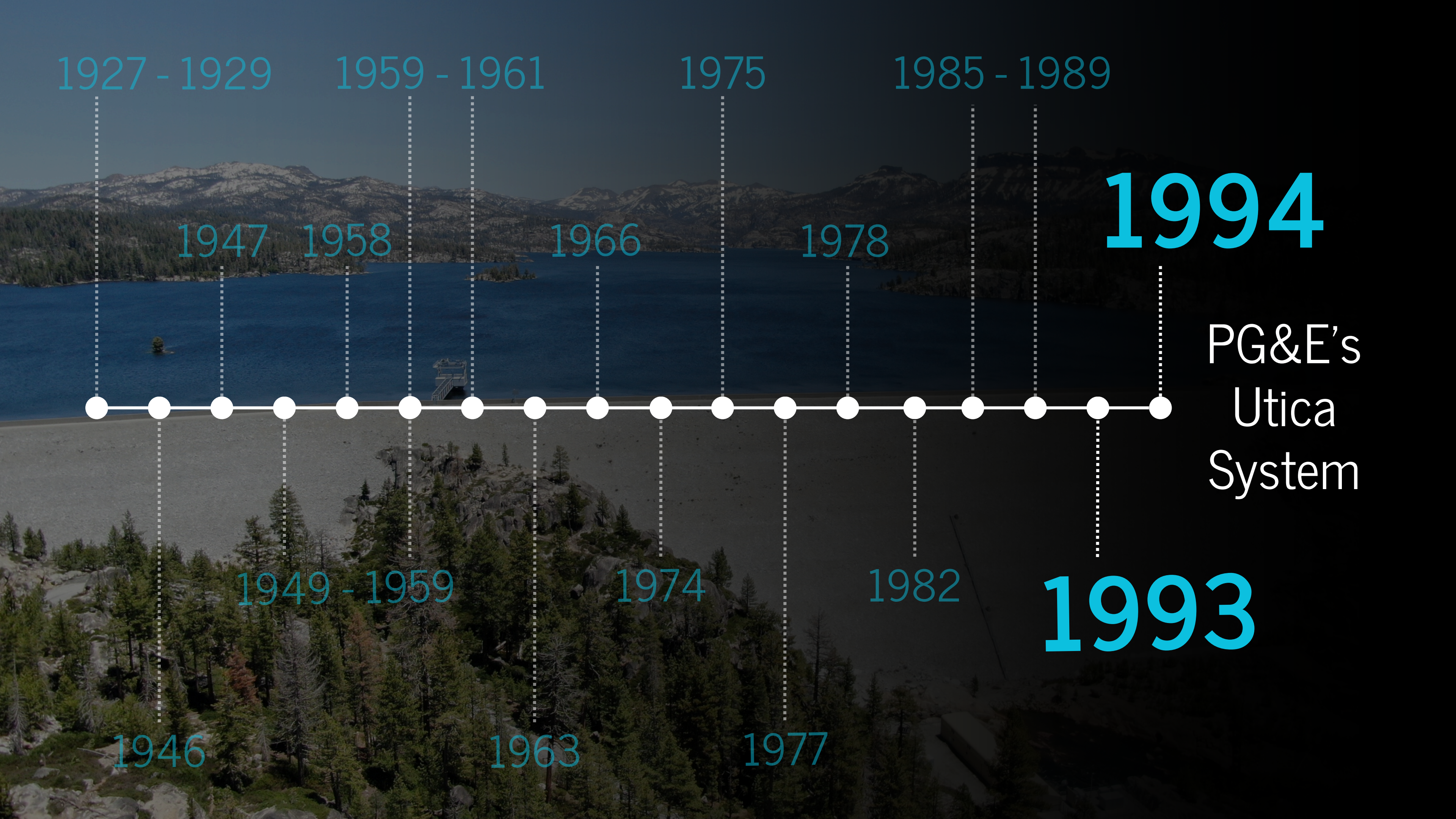
LOCAL ARTIST Miles Metzger created a stunning bronze plaque dedicating the project to the late Martin McDonough. Metzger also created smaller petroglyphs for those attending the ceremonies.



THE NEW SPICER MEADOW dam and reservoir will provide the Central Sierras with a new recreation area. Although the reservoir is closed to the public currently, due to logging operations and the construction of recreation facilities, it is expected to open next summer with a boat launch, picnic and campground sites.







1927 - 1929

1959 - 1961

1975

1985 - 1989

1947

1958

1966

1978

**1994**

PG&E's  
Utica  
System

1949 - 1959

1974

1982

**1993**

1946

1963

1977







1927 - 1929

1959 - 1961

1975

1985 - 1989

**1996**

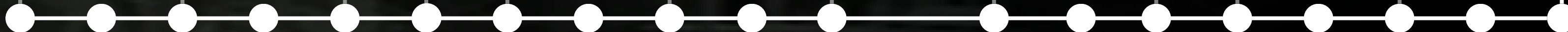
1947

1958

1966

1978

1994



1949 - 1959

1974

1982

1993

**1995**

1946

1963

Utica Power Authority is organized as a JPA and recognized by the state.



1927 - 1929

1959 - 1961

1975

1985 - 1989

1996

1947

1958

1966

1978

1994



1949 - 1959

1974

All assets & rights of  
 the PG&E Utica and  
 Angels projects are  
 transferred to UPA

1982

1993

1995

**1997**

1946

1963

1977

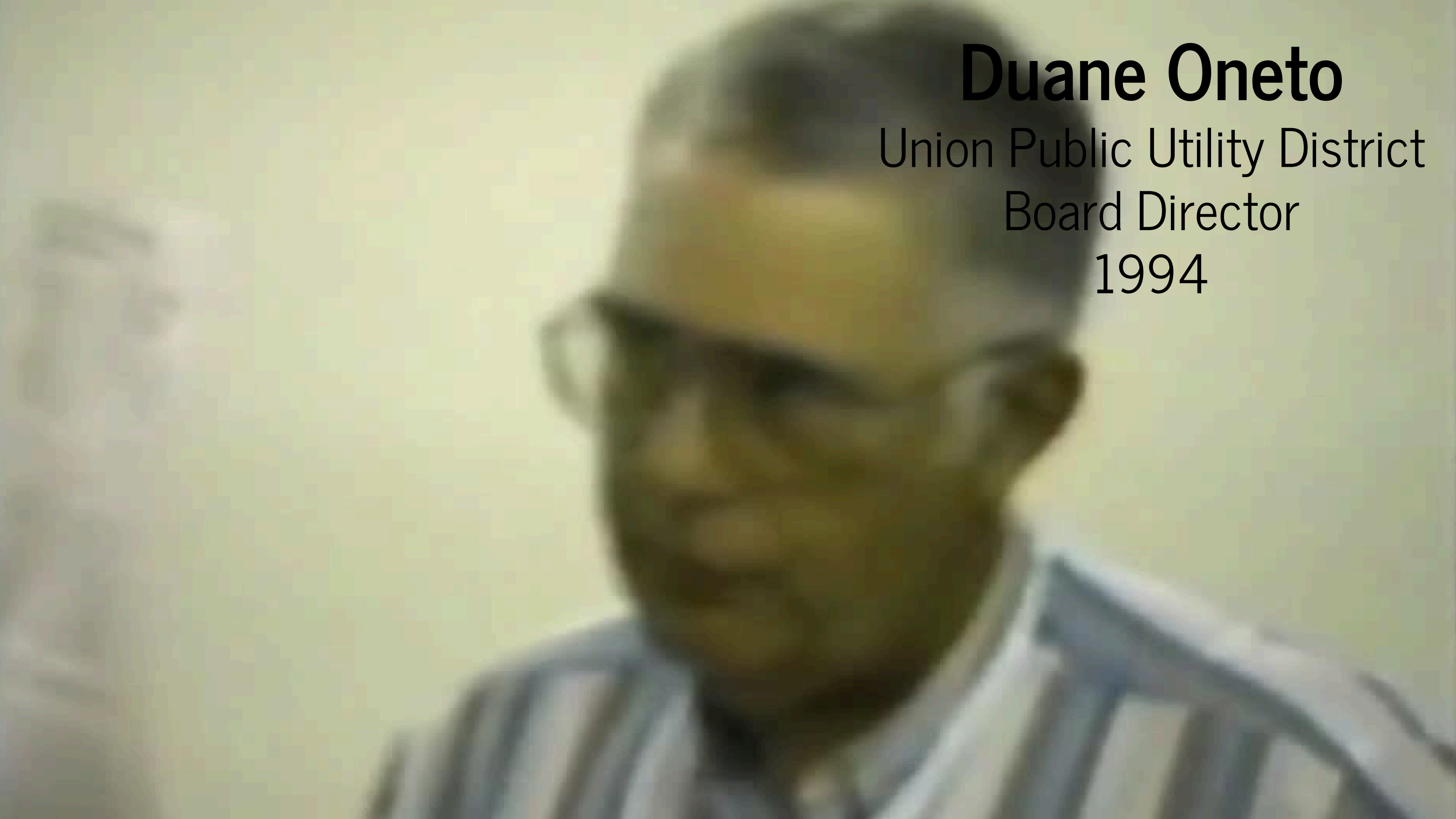












**Duane Oneto**

Union Public Utility District

Board Director

1994



