



White Pine Power Project



GROUNDWATER INVESTIGATION PHASE 3

TECHNICAL REPORT

EXHIBIT #0

FOR:

- STATE OF NEVADA
- PROTESTANT
- APPLICANT
- _____ OTHER

DATE 8-17-83

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PHASE 3

Technical Report

for the

WHITE PINE POWER PROJECT

Prepared for

Los Angeles Department of Water and Power

LEEDS, HILL AND JEWETT, INC

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SUMMARY

The White Pine Power Project (WPPP) is a proposed 1500-megawatt coal-fueled, steam-electric generating facility to be located in White Pine County, Nevada. The project is anticipated to consist of two 750-megawatt units, with Unit 1 scheduled for commercial operation in mid-1989.

A water supply of about 25,000 acre-feet per year, (afy) is required by the WPPP for cooling purposes. This water supply is to be provided by developing existing groundwater resources. In order to obtain information on groundwater resources in White Pine County and to develop design criteria for the water supply system, the WPPP, through the Los Angeles Department of Water and Power (LADWP), contracted with Leeds, Hill and Jewett, Inc. (LEEDSHILL) to undertake a three-phased groundwater investigation and related studies.

In the Phase 1 investigation, LEEDSHILL obtained and analyzed available data and other groundwater related information. In the Phase 2 investigations, Phase 1 findings were verified and refined through geophysical investigations and field testing of existing wells. Specific water supply plans were developed for each of the eight power plant sites selected in the Site Recommendation Report dated May 1, 1981.