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SOUTHEAST GEYSERS EFFLUENT PIPELINE PROJECT

Quarterly Progress Report

April - June 1993

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MASTER

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SOUTHEAST GEYSERS EFFLUENT PIPELINE PROJECT**TECHNICAL PROGRESS REPORT**

4/1/93 - 6/30/93

The following is a quarterly report describing the progress made on project feasibility. The major tasks are an environmental analysis and technical/engineering predesign studies for an effluent pipeline project to the Southeast Geysers geothermal field. A primary goal of the project is to replenish the geothermal reservoir and sustain energy production from the field which is undergoing severe productivity declines.

TASK #1: Prepare environmental studies necessary for approval and implementation of the project.

Early scoping of the project indicated that a joint Environmental Impact Report/Environmental Impact Statement would be necessary to comply with the California Environmental Quality Act and the National Environmental Policy Act. This is because the 26 mile effluent pipeline would cross County jurisdiction lands and would transport treated wastewater for injection into federal administered lands managed by the Bureau of Land Management. The Bureau of Land Management has delegated their lead agency authority to Lake County for the preparation of the EIR/EIS.

During the quarter, a Notice of Preparation/Notice of Intent was prepared and circulated to local residents and agencies, state responsible agencies, and noticed in the Federal Register. Two public scoping meetings were held, one in Sacramento and one in Lakeport. Comments were received and will be addressed in the EIR/EIS.

Two detailed in-field route surveys of the pipeline alignment were conducted. Engineers, botanists, biologists, archaeologists, geologists and others attended these route surveys. Sensitive plant and habitat, creek crossings, geologic stability and archaeological resources were identified and recorded. Alternative pipeline routing and potential design feature revisions were evaluated in response to identified issues. The other environment analyses are anticipated in draft form in the next quarter of 1993.

**S.E. Geysers Effluent Pipeline Project
Technical Progress Report - Continued**

**TASK #2: Prepare engineering studies for design, routing,
construction and operation of the pipeline.**

**Close coordination of the operation of wastewater treatment facilities
near Clearlake and Middletown and injection operations in the Geysers
was necessary in developing a system operating plan.**

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