

This Calendar Item No. 25 was placed on the Commission by a vote of 3 to 0 at its meeting on 6/30/77. CALENDAR ITEM 25.

6/77
"DX State 4596"
33, 34, 35 and 36
CPR

APPROVAL OF PROPOSED DRILLING OF NEW WELLS
"DX STATE 4596" 33, 34, 35 AND 36,
GEYSERS STEAM FIELD
SONOMA COUNTY

LEASE: ERC 4596.
LESSEE: Union Oil Company of California
Magma Power Company
Thermal Power Company
P. O. Box 6854
Santa Rosa, California 95406
COUNTY: Sonoma.
AREA: Geysers Geothermal Field.

PERTINENT INFORMATION:

State Geothermal Resources Lease PRC 4596 was issued to Union Oil Company on May 27, 1971. On April 27, 1972, an undivided 25% interest in the lease was assigned to Magma Power Company and an undivided 25% interest was assigned to Thermal Power Company. Pursuant to the terms of the lease, Union has requested approval of the State Lands Commission to drill wells "DX State 4596" 33, 34, 35 and 36. The wells will be drilled from a single drillsite that has been inspected and approved by Division staff. The proposed drilling and completion programs have been reviewed by the staff and determined to be in accordance with good engineering practices and the rules and regulations of the Commission.

The wells will be used to furnish steam to electrical generating Unit No. 12. The unit is under construction and should be operational in July of 1978. Approximately 50% of the steam used in this unit will be supplied by State wells. Royalty income from the unit will be about \$400,000 per year.

ENVIRONMENTAL IMPACT:

The Sonoma County Board of Zoning Adjustments, acting as lead agency, prepared and circulated an environmental impact report covering Union Oil Company's geothermal leasehold operations. By Notice of Determination issued on October 4, 1976, the Sonoma County Board of Zoning

A 2
S 1

CALENDAR ITEM NO. 25. (CONTD)

Adjustments certified that (1) the Environmental Impact Report was prepared pursuant to the provisions of the California Environmental Quality Act of 1970, as amended; (2) the project will not have a significant effect on the environment; and (3) the project has been approved by the Sonoma County Board of Zoning Adjustments. The notice of Determination has been filed with the State Secretary for Resources, the State Lands Division, and the County Clerk for Sonoma County, wherein the project is to be undertaken.

State agencies concerned with geothermal operations were notified that the staff intended to recommend approval of these wells. The only agency that responded was the Department of Fish and Game, and they have stated that implementation of mitigation measures proposed by Union Oil Company would resolve any concerns they might have.

APPROVALS OBTAINED:

1. Sonoma County Board of Zoning Adjustments.
2. State Division of Oil and Gas.
3. Northern Sonoma County Air Pollution Control District.
4. State North Coast Regional Water Quality Control Board.

FURTHER APPROVALS REQUIRED:

None.

EXHIBITS: A. Location Map. B. EIR Summary.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT AN ENVIRONMENTAL IMPACT REPORT HAS BEEN PREPARED FOR THIS PROJECT AND CERTIFIED BY THE SONOMA COUNTY BOARD OF ZONING ADJUSTMENTS.
2. CERTIFY THAT THE INFORMATION CONTAINED IN THE ENVIRONMENTAL IMPACT REPORT OF THE SONOMA COUNTY BOARD OF ZONING ADJUSTMENTS HAS BEEN REVIEWED AND CONSIDERED BY THE COMMISSION.
3. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
4. AUTHORIZE THE APPROVAL OF DRILLING WELLS "LX STATE 4596" 33, 34, 35 AND 36 IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF STATE GEOTHERMAL RESOURCES LEASE PRC 4596 AND THE RULES AND REGULATIONS OF THE COMMISSION.