Docket Nos. 50-275
and 50-323

MAR 1 1974

APPLICANT: PACIFIC GAS AND ELECTRIC COMPANY (PG&E)

FACILITY: DIABLO CANYON UNITS 1 AND 2

SUMMARY OF GEOLOGY RELATED SITE VISIT AND MEETING HELD ON FEBRUARY 22, 1974

This site visit and meeting were held to familiarize the staff and their consultants with the geological characteristics of the site, with emphasis on the soil characteristics and stability of the slope located east of the plant buildings. PG&E representation included their soil consultants, Harding-Lawson Associates, and representatives of the staff's consultant, the Corps of Engineers, were also present. A complete list of attendees is given in Enclosure No. 1.

The tour of the site concentrated on the slope east of the plant where questions of slope stability had been raised previously by the staff (see pages 5-6 of Enclosure 1 of the letter to PG&E dated 8/13/73). Harding-Lawson had completed additional field and laboratory work related to this slope, and issued a detailed report to PG&E on their findings. This report was submitted as part of Amendment 2 to the FSAR (see Appendix 2.5C, "Stability Evaluation Power Plant Cut Slope, Diablo Canyon Site - San Luis Obispo County, California"). On the basis of current and previous investigations of the power plant slope, Harding-Lawson concluded that the slope will be stable during the safe shutdown earthquake, and that no damage to adjacent safety related structures would be incurred.

The Corps of Engineers indicated in the meeting, that they had reviewed the Harding-Lawson report in detail; this review included a check on several of the calculations. The Corps feels that the field and laboratory work are complete, and they generally concur with the conclusion reached by Harding-Lawson. They added that the comments from Dr. H. Bolton Seed of the University of California at Berkeley on the slope stability analysis (see Appendix F of the Harding-Lawson report) are particularly significant since Dr. Seed is regarded as one of the nation's experts in the area of soils stability. The Corps will provide a final written report to the staff on their evaluation of the Harding-Lawson report.

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The remainder of the meeting was devoted to discussion of details in the report, including the computer codes used to compute accelerations and displacements. At the conclusion of the meeting the staff indicated that they now had sufficient information to perform their final evaluation of the stability of the slope.

/S/

Thomas J. Hirons
LWR Group 1-3
Directorate of Licensing

Enclosure:
Attendance List

cc w/encl:
AEC PDR
Local PDR
RP Assistant Directors
RP Branch Chiefs
S. Varga
R. W. Klecker
J. M. Hendrie
TR Assistant Directors
TR Branch Chiefs
R. Cushman
L. Chandler, OGC
RO (3)
V. H. Wilson
Meeting Attendees from REG
R. F. Fraley, ACRS (16)

DISTRIBUTION:
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Form AEC-318 (Rev. 9-53) AECM 0240 GPO 943—16—81465-1 445-678

ENCLOSURE NO. 1

ATTENDANCE LIST

PACIFIC GAS & ELECTRIC COMPANY

J. A. McLaughlin

HARDING-LAWSON ASSOCIATES

R. Hwang
F. Rollo
H. T. Taylor

AEC - LICENSING

T. J. Hirons
R. McMullen

U. S. ARMY CORPS OF ENGINEERS

Southern Pacific Division

A. L. O'Neill

Los Angeles District

L. J. Lauro
V. F. Minor

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