



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAY 27 1983

Docket Nos.: 50-275/323

MEMORANDUM FOR: George Lear, Chief
Structural and Geotechnical Engineering Branch
Division of Engineering

*Noted
5/26/83*

FROM: Norman D. Romney, Structural Engineer
Structural Engineering Section B
Structural and Geotechnical Engineering Branch
Division of Engineering

SUBJECT: SUPERSTRUT ALLEGATION AT DIABLO CANYON

On April 28, 1983, N. D. Romney and P. T. Kuo of SGEB participated in a teleconference with PG&E officials on the above subject. At this teleconference the following recommendations were made:

1. PG&E may analytically demonstrate to the staff that the spot welds are not at all necessary to the structural and seismic qualifications of the cable tray supports; or
2. PG&E may conduct testing of a random but representative sample of superstrut material installed in the Diablo Canyon NPP for Class IE cable tray supports. The objective of this test program would be to establish the quantitative strength and quality of spot welds existing in the Diablo Canyon cable tray supports; and
3. PG&E may determine analytically the weld strength required to maintain the structural and seismic integrity of the Diablo Canyon cable tray supports.

PG&E indicated that the above recommendations will be considered and the proposal will be presented to the staff by May 6, 1983. However, the promised proposal has not been received as of this date.

SGEB staff has been informed by B. Buckley of NRR licensing that PG&E intends to submit to the staff on June 17, 1983, a description of a completed test program with test results and conclusions. As a result, the staff has the following concerns regarding the test program to be presented by PG&E:

1. Will the test program be referenced to the Diablo Canyon IDVP?
2. To what extent will the test program incorporate the above SGEB recommendations?

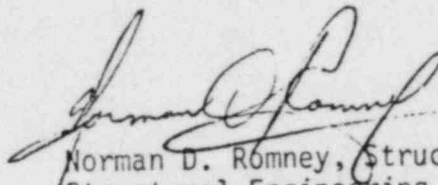
8306030490 XA

MAY 27 1983

George Lear

- 2 -

3. What will be the scope, objectives, and anticipated results of the test program?
4. If on June 17, 1983, SGEB determines that the presentation by PG&E is not sufficient to answer the SGEB technical concerns, then what will be the effect on the Diablo Canyon licensing schedule and the SGEB review effort?



Norman D. Romney, Structural Engineer
Structural Engineering Section B
Structural and Geotechnical
Engineering Branch
Division of Engineering

cc: J. Knight
P. Kuo
B. Buckley