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 FACIL:50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275  
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 RECIP.NAME JACKSON,R.E. RECIPIENT AFFILIATION Geosciences Branch

SUBJECT: Advises that R McMullen response to Question 9 of ASLAB-598 accurately reflects USGS position. Ambiguities in location of earthquake require conservative assumption that all faults have earthquake potential.

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# United States Department of the Interior

GEOLOGICAL SURVEY  
RESTON, VA. 22092

OFFICE OF THE DIRECTOR

In Reply Refer To:  
EGS-Mail Stop 106

July 29, 1980

50-275

Dr. Robert E. Jackson  
Chief, Geosciences Branch  
Division of Engineering  
Mail Stop P-314  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Bob:

The USGS has reviewed R. McMullen's response to question 9, Atomic Safety and Licensing Appeal Board (ALAB-598), Decision, June 24, 1980. Mr. McMullen's comments accurately reflect the present USGS position. The geology and seismology reports which the USGS reviewed for the Point Conception LNG Site do include data not on record for the Diablo Canyon Nuclear Power Station because the LNG review was undertaken after transmittal to the NRC of our Diablo Canyon position, dated April 29, 1976. However, no data in the LNG reports provide a basis for the USGS to change our position regarding the Diablo Canyon Nuclear Station as stated in our transmittal to NRC, dated April 29, 1976. Even though the LNG reports provide additional data there still remain ambiguities in the location of the November 4, 1927, earthquake. These ambiguities require the conservative assumption that all candidate faults, such as the Hosgri and Lompoc faults, be considered as structures on which the earthquake could be located. This represents no change in our position and Mr. McMullen has correctly paraphrased that position in his response to ALAB question 9.

Sincerely yours,

Robert H. Morris  
Acting Assistant Director  
for Engineering Geology

Boo 3/10

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PLANTS UNDER OL REVIEW

1. Farley 2	50-364
2. Byron 1/2	50-454, 455
3. Braidwood 1/2	50-456/457
4. LaSalle 1/2	50-373, 374
5. Midland 1/2	50-329, 330
6. McGuire 1/2	50-369, 370
7. So. Texas 1/2	50-498, 499
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19. Comanche Peak 1/2	50-445, 446
20. North Anna 2	50-339
21. WPPSS-2	50-397
22. Fermi 2	50-341
23. Zimmer 1	50-358



1941

1. The first part of the report deals with the general situation of the country and the progress of the war. It is a very interesting and informative account of the events of the year.

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PLANTS UNDER CONSTRUCTION

1.	Palo Verde 1/2/3	50-528, 50-529, 50-530
2.	Perry 1/2	50-440, 50-441
3.	Cherokee 1/2/3	50-491, 50-492, 50-493
4.	Beaver Valley 2	50-412
5.	St. Lucie 2	50-389
6.	Vogle 1/2	50-424, 50-425
7.	River Bend 1/2	50-458, 50-459
8.	Clinton 1/2	50-461, 50-462
9.	Forked River	50-363
10.	Wolf Creek 1	50-482
11.	Jamesport 1/2	50-516, 50-517
12.	Nine Mile Point 2	50-410
13.	Millstone 3	50-423
14.	Bailly 1	50-367
15.	Limerick 1/2	50-352, 50-353
16.	Hope Creek 1/2	50-354, 50-355
17.	Marble Hill 1/2	50-546, 50-547
18.	Seabrook 1/2	50-443, 50-444
19.	Sterling 1	50-485
20.	Hartsville 1/2/3/4	50-518, 50-519, 50-520, 50-521
21.	Phipps Bend 1/2	50-553, 50-554
22.	Yellow Creek 1/2	50-566, 50-567
23.	North Anna 3/4	50-404, 50-405
24.	WPPSS 1/3/4/5	50-460, 50-508, 50-513, 50-509
25.	Callaway 1/2	50-483, 50-486
26.	Harris 1/2/3/4	50-400, 50-401, 50-402, 50-403
27.	Catawba 1/2	50-413, 50-414





PLANTS UNDER CP REVIEW

1. Pilgraim 2	50-471
2. Greenwood 2/3	50-452, 50-453
3. Perkins 1/2/3	50-488, 50-489, 50-490
4. Allens Creek 1	50-466
5. Montague 1/2	50-496, 50-497
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7. Erie 1/2	50-580, 50-581
8. Pebble Springs 1/2	50-514, 50-515
9. Clinch River	50-537
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11. Skagit 1/2	50-522, 50-523
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13. Haven	50-502
14. Greene County 1	50-549
15. FNP	50-437



ALL POWER REACTOR LICENSEES

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Arkansas Unit 1

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D. C. Cook Unit 2

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