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 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Gas & Electric Co. 05000323
 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Gas & Electric Co. 05000323
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 RECIP. NAME: MIRAGLIA, F.J. RECIPIENT AFFILIATION: Licensing Branch 3

SUBJECT: Responds to 810325 request for best estimate of monthly cost to maintain facility in inactive status pending full power OL issuance. Confirms & clarifies oral 810327 response.

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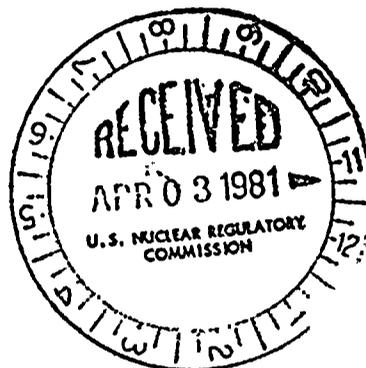
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Licensing Branch No. 3
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Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Docket No. 50-275
Docket No. 50-323
Diablo Canyon Units 1 and 2



Dear Mr. Miraglia:

Attached is PGandE's response to your letter dated March 25, 1981 requesting our best estimate of the monthly cost to maintain Diablo Canyon Units 1 and 2 in an inactive status while awaiting a full power operating license. This submittal confirms our oral response to you on March 27, 1981. Please see notes on the attached Table for clarifications of our response.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it to me in the enclosed addressed envelope.

Very truly yours,

Malcolm H. Furbush

Attachment

CC w/attachment: Service List

Boo! 5/11

810.4060580

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COST OF REPLACEMENT ENERGY AND CAPITAL EXPENSE INCURRED DUE TO LICENSING DELAYS

(ALL COST ESTIMATES ARE IN CURRENT DOLLARS)

UNIT.	MWe	COST			OF			REPLACEMENT			ENERGY		CAPITAL		EXPENSE	
		REPLACEMENT FUEL MIX %			Average Cost of Replacement Fuel 1)	Nuclear Fuel Cost 1)	Incremental Fuel Cost	Estimated Length of Delay 2)	Total Replacement Energy Cost	Replacement Energy Cost Per Month	Estimated Capital Cost of Unit at Completion	Capital Expense Delay During Delay Period	Capital Expense Per Month			
		COAL	OIL	GAS										Mills/kWh	Mills/kWh	Mills/kWh
Summer	900	50	50		31.1	10.0	21.1	8	66.4	8.3	800	53.3	6.7			
Diablo Canyon 1	1084	0	100	0	62.2	63.8	9.5	54.3	250.9	25.0	1050	102.9	10.8			
Diablo Canyon 2	1106	0	100	0	68.4	68.3	10.0	58.4	101.1	28.3	980	28.6	8.2			
San Onofre 2	1100		100		60.3	9.5	50.8	6	147.0	24.5	1820	91.0	15.2			
Zimmer	792	50	50		44.6	10.0	34.6	3	36.0	12.0	1030	25.8	8.6			
McGuire 1	1180	100			16.9	9.5	7.4	11	41.8	3.8	770	70.6	6.4			
Susquehanna 1	1050	50	50		37.2	10.0	27.2	8	100.0	12.5	1840	122.7	15.3			
Waterford 3	1110		100		50.7	10.5	40.2	3	58.5	19.5	1230	30.8	10.3			
Shoreham 1	820		100		41.3	10.0	31.3	1	11.2	11.2	2210	18.4	18.4			
Comanche Peak 1	1150			100	26.6	10.5	16.1	2	16.2	8.1	1120	18.7	9.3			

*See accompanying text for explanation and underlying assumptions

Notes: 1) The fuel costs for oil is based on estimated costs. The average heat rate used was 10,200 Btu per kWh for oil-fired plants. The nuclear fuel cost was escalated using internal forecasts which are about the same as specified in your assumptions.

2) Estimated length of delay was developed using NRC schedules for completion of construction and receipt of full-power license. Converting these dates into commercial operating dates for calculation of Estimated Capital Cost of Unit at Completion, resulted in the above estimated delays.

