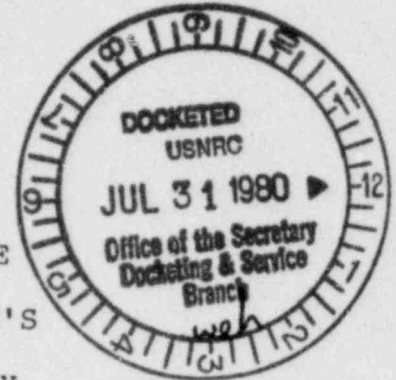


UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of: ) Docket No. P-564A  
)  
PACIFIC GAS and ELECTRIC COMPANY )  
(Stanislaus Nuclear Project, )  
Unit No. 1) )



SECOND SUPPLEMENTAL ANSWERS OF THE  
DEPARTMENT OF WATER RESOURCES  
TO PACIFIC GAS AND ELECTRIC COMPANY'S  
FIFTH SET OF INTERROGATORIES  
TO NORTHERN CALIFORNIA POWER AGENCY  
AND DEPARTMENT OF WATER RESOURCES  
AND FOURTH SET OF INTERROGATORIES TO THE  
CITIES OF ANAHEIM AND RIVERSIDE

Intervenor State of California Department of Water  
Resources hereby further supplements its October 9, 1979, and  
February 19, 1980, answers to the fifth set of interrogatories  
propounded to it by Pacific Gas and Electric Company as follows:

PART A

INTERROGATORY NO. 3:

Please describe all transmission facilities which you  
plan to construct or otherwise acquire, in whole or in part,  
which have a capacity at 60 kilovolts or above. (NCPA should  
answer this interrogatory separately for NCPA and for each of  
its members and associate members.)

SUPPLEMENTAL RESONSE:

The Power Contract and Firm Transmission Agreement

1.

8008040086

recently signed by DWR and the Southern California Edison Company essentially provide access to required transmission service in Southern California and Nevada. Accordingly, DWR is not currently planning to construct backbone transmission facilities in these areas. The DWR is still considering constructing transmission facilities in northern and central portions of the state.

INTERROGATORY NO. 4:

Have you ever considered or studied the possible construction or acquisition, in whole or part, of any transmission facilities having a capacity at 60 kilovolts or above. If so, please state:

- (a) a general description of the transmission facilities which were considered or studied;
- (b) the time period during which this consideration or study was made;
- (c) the dates of any meetings at which such consideration or study was discussed, and the names of all individuals who attended each such meeting;
- (d) the identification, name and current business or residence address of each person who participated in such consideration or study;
- (e) the result of the study;
- (f) the identification of every document containing or commenting upon the study or the minutes of any meeting identified in subpart (c), above. (NCPA should answer this interrogatory separately for NCPA and for each of its members

and associate members.)

SUPPLEMENTAL RESPONSE:

The information contained in DWR's original answers to this interrogatory concerning transmission facilities for the Bottle Rock Power Plant is also applicable to the South Geysers Power Plant.

INTERROGATORY NO. 5:

Please identify every bond issue which you have had outstanding as of June 30 (or the end of your fiscal year) in every year since 1960, including the principal amount of the original issue, the interest rate, any discounts or premiums applicable, the rate and method of retirement of the issue and the type of bond (e.g., general obligation bond). (NCPA should answer this interrogatory separately for NCPA and for each of its members and associate members.)

SUPPLEMENTAL RESPONSE:

This information is provided in Exhibits 3A and 4A, which are taken from pages 157 and 173, respectively, of DWR Bulletin 132-79. These exhibits provide bond information as of December 31, 1978.

Since then, on November 26, 1979, DWR issued \$95,800,000 in revenue bonds to finance the Pyramid Hydroelectric Project. The interest rates for the Pyramid bonds are shown on attached Exhibit 3.5. The annual debt service requirements for such bonds are shown on Exhibit 4.5. The discounts on the Pyramid bond sales amount to \$1,436,655. These bonds will be serviced by revenues from state water

contractors.

INTERROGATORY NO. 11:

Please describe all electrical generating capacity which you plan to construct or otherwise acquire, in whole or in part. (NCPA should answer this interrogatory separately for NCPA and for each of its members and associate members.)

RESPONSE:

The following updates the information given in DWR's original answers:

(7) Bottle Rock Powerplant. The plant is currently scheduled for operation in 1984.

(8) South Geysers Powerplant. The plant is currently scheduled for operation in 1985.

(10) PGandE Fossil 1 and 2 Project. The DWR is not currently informed as to the expected operation date.

(11) DWR Coal Plant. The DWR has ceased work on the development of this resource. However, a final decision regarding the Project has been deferred until March, 1981.

INTERROGATORY NO. 15:

Please describe each effort made by you (and, in the case of NCPA, each of its members and associate members) during the period 1960 to the present to utilize any of the funding sources identified in response to the preceding two interrogatories for the purpose of constructing or acquiring electrical generating capacity. Please include in your description the following information as to each such effort:



- (a) the time period during which the effort was made;
- (b) the nature and location of the generating facility under consideration;
- (c) the identification of all documents reflecting the consideration including, without limitation, any reports or requests made to your governing body;
- (d) the identity of every individual who participated in such consideration;
- (e) the result of such consideration and the reasons therefor.

SUPPLEMENTAL RESPONSE:

Pyramid Powerplant.

(e) The DWR issued \$95,800,000 in revenue bonds on November 26, 1979, to finance the Pyramid Hydroelectric Project.

Wind Generation

(e) DOE selected one of DWR's sites (Remero Overlook near San Luis Reservoir as future candidate site and is now installing meteorological equipment to gather more wind data.

INTERROGATORY NO. 33:

Does DWR make any distinction in the price it charges its water customers based upon different geographical delivery points? If so, please describe the basis upon which such distinction is made, and whether it is made in all situations.

SUPPLEMENTAL RESPONSE:

Yes. The price the Department charges for water deliveries to water contractors consists of two components. One of these components--the transportation charge--varies with

geographic location. The other--the "Delta Water Rate"--does not.

The transportation component is determined in the following manner: All contractors taking delivery from the transportation facilities of the State Water Project (the aqueduct and attached regulatory reservoirs) pay DWR the cost of transporting the water, including a proportionate share of the capital cost and operation and maintenance expenses of such facilities and the cost of power for pumping the water. Thus, the charges to each contractor for the conveyance of water will vary according to the particular facilities (or "reaches") through which the contractor's water is transported.

In contrast, the charges for conserving the water supply are calculated each year as a uniform rate per acre-foot (Delta Water Rate) paid by all contractors for each acre-foot of water entitlement for the respective year. This rate is calculated to repay all the capital cost and operation and maintenance costs of the facilities required to conserve water for the project. These charges do not vary because of geographic location of the customers.

Of the 31 water contractors, two, Butte County and Yuba City, take deliveries without the use of any of the project transportation facilities and therefore they pay only the Delta Water Rate for each acre-foot of entitlement.

INTERROGATORY NO. 42:

If DWR is presently investigating, or has budgeted funds for investigating the potential development of additional

resources, joint projects or power transactions with others which are not included in the program presented in response to the preceding interrogatory:

(a) List such resources or development programs;

(b) Indicate target dates for inclusion in DWR's resource program;

(c) State the potential impact such additional resources might have on the program presented in response to interrogatory No. 41 above.

SUPPLEMENTAL RESPONSE:

The following updates information given in DWR's original answers:

(i) DWR has determined not to participate in the California Coal Project of Southern California Edison.

INTERROGATORY NO. 46:

If the program presented in the response to Interrogatory No. 41 above includes capacity and/or energy exchanges with others, list each such entity, the quantity of capacity and/or energy DWR anticipates receiving under the arrangement, and the general nature of the arrangement.

SUPPLEMENTAL RESPONSE:

The Power Contract entered into between the Southern California Edison Company (Edison) and DWR on October 11, 1979, includes provisions for the exchange of peaking capacity and energy beginning April 1, 1983. The "general nature of the arrangement" can be determined from the contract itself, copies of which have been provided PG&E.

INTERROGATORY NO. 49:

Has DWR been invited to participate in current power projects proposed by others which you have not included in the program presented in the response to Interrogatory No. 41 above?

ORIGINAL RESPONSE:

Yes.

INTERROGATORY NO. 50:

If the answer to the preceding interrogatory was in the affirmative, identify:

(a) Each such project and the entity sponsoring such project;

(b) The reasons that such projects or proposals were not included in DWR's program;

(c) Each and every person who has knowledge of the facts upon which you base your evaluation of such projects or proposals and, for each, the facts you believe the person knows;

(d) All documents referring to or relating to any facts which form the basis of and/or support your evaluation of such projects or proposals.

SUPPLEMENTAL RESPONSE:

The following updates information provided in DWR's original answers:

DWR has determined not to participate in the California Coal Project of Southern California Edison.

INTERROGATORY NO. 58:

Please identify by type, location and the name and address of the owner, each source of power located outside of



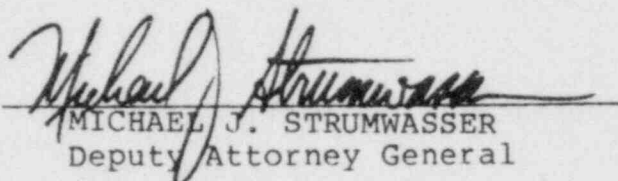
the Pacific Northwest (excepting PGandE) which DWR has attempted to obtain for use after the termination of its Canadian Entitlement Power and, as to each such source, please indicate whether it is firm or not, the amount and the expected term of the contract.

SUPPLEMENTAL RESPONSE:

Exhibit 6A updates the information given in Exhibit 6, attached to DWR's original answers.

Dated: July 28, 1980

GEORGE DEUKMEJIAN, Attorney General  
R. H. CONNETT,  
S. N. GRUSKIN,  
Assistant Attorneys General  
H. CHESTER HORN, JR.,  
MICHAEL J. STRUMWASSER,  
Deputy Attorneys General

By:   
MICHAEL J. STRUMWASSER  
Deputy Attorney General

Attorneys for State of California  
Department of Water Resources

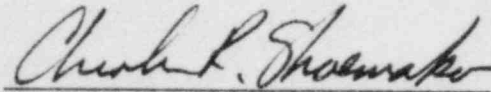
VERIFICATION

I, CHARLES R. SHOEMAKER, verify under penalty of perjury that the following is true and correct:

I am a Deputy Director of the State of California Department of Water Resources and as such am authorized to make this verification on behalf of the Department of Water Resources.

I have read the foregoing answers to interrogatories and know the contents thereof. I am informed that the answers are true and correct, and I believe them to be true and correct.

Executed on July 17, 1980, at Sacramento, California.



CHARLES R. SHOEMAKER  
Deputy Director  
Department of Water Resources

EXHIBIT 3A

TABLE 9: ACTUAL BOND SALES AND PROJECT INTEREST RATES

Bond Sales	Date of Sale	Dollar-years (a)	Interest Cost <sup>(b)</sup>	Percent Interest Cost <sup>(c)</sup>	Project Interest Rate <sup>(d)</sup>
	(1)	(2)	(3)	(4)	(5)
<u>Actual Issues</u>					
\$50,000,000 Bond Anticipation Notes	11/21/63	26,944	531	1.970	1.970
\$100,000,000 Series "A" Water Bonds	2/18/64	3,402,000	119,750	3.520	3.508
\$50,000,000 Series "B" Water Bonds	5/ 5/64	1,726,000	60,986	3.533	3.516
\$100,000,000 Series "C" Water Bonds	10/ 7/64	3,452,000	123,764	3.585	3.544
\$100,000,000 Series "D" Water Bonds	2/16/65	3,497,900	122,403	3.499	3.531
\$100,000,000 Series "E" Water Bonds	11/23/65	3,497,900	130,029	3.717	3.573
\$100,000,000 Series "F" Water Bonds	6/ 8/66	3,497,900	137,359	3.927	3.638
\$100,000,000 Series "G" Water Bonds	11/22/66	3,497,900	145,788	4.111	3.711
\$100,000,000 Series "H" Water Bonds	3/21/67	3,497,900	129,261	3.695	3.709
\$100,000,000 Series "J" Water Bonds	7/18/67	3,497,900	143,199	4.094	3.754
\$100,000,000 Series "K" Water Bonds	11/14/67	3,497,900	163,887	4.685	3.853
\$150,000,000 Revenue Bonds, Oroville Division, Series "A"	4/ 3/68	5,228,700	270,289	5.197	-
\$100,000,000 Series "L" Water Bonds	7/11/68	3,497,900	166,918	4.772	3.941
\$100,000,000 Series "M" Water Bonds	10/22/68	3,497,900	169,989	4.860	4.021
\$94,995,000 Revenue Bonds, Oroville Division, Series "B"	4/ 1/69	3,423,460	195,902	5.767	-
\$26,761,000 Cumulative 1970 General Fund Borrowing; repaid 7/10/70	-	4,958	346	7.007	4.021
\$200,000,000 Series "K" and "P" Bond Anticipation Notes	6/16/70	200,000	11,660	5.830	4.030
\$100,000,000 Series "N" Water Bonds	2/ 2/71	3,447,900	190,292	5.519	4.148
\$100,000,000 Series "Q" Bond Anticipation Notes	3/10/71	100,000	2,349	2.350	4.143
\$100,000,000 Series "P" Water Bonds	4/21/71	3,397,900	193,377	5.691	4.255
\$150,000,000 Series "Q" and "R" Water Bonds	11/ 9/71	5,171,850	265,734	5.138	4.342
\$40,000,000 Series "S" Water Bonds	3/28/72	1,399,160	76,509	5.468	4.371
\$139,165,000 Devil Canyon-Castaic Revenue Bonds <sup>(e)</sup>	8/ 8/72	4,776,204	258,839	5.419	4.457
\$10,000,000 Series "T" Water Bonds	3/20/73	185,265	9,491	5.122	4.459
\$10,000,000 Series "U" Water Bonds	1/13/76	158,750	8,731	5.50	4.462
\$10,000,000 Series "V" Water Bonds	11/15/77	158,750	7,573	4.769	4.462
TOTAL (Excluding Oroville CVP Revenue Bonds)		59,088,761	2,636,765		

a) A unit equivalent to one dollar of principal amount outstanding for one year, in thousands.

b) In thousands of dollars.

c) The total interest cost (without regard to premiums received) divided by the total dollar-years, expressed as a percent.

d) Determined by dividing cumulative interest costs by cumulative dollar-years, expressed as a percent. Excluding Central Valley Project Revenue Bonds, Oroville Division, which do not affect the calculation of the "project interest rate".

e) Bonds sold at a net interest cost of 5.448 percent. Net proceeds for financing construction costs plus bond discount amounting to \$126,893,000 are used for purposes of the project interest rate.



EXHIBIT 4A

Calendar Year	Bonds Sold Through December 31, 1978									
	Series A through U Water Bonds		Oroville Revenue Bonds		Devil Canyon-Castaic Revenue Bonds		Series V Water Bond Sold 11/15/77		Total	
	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest
1964	0	3,333	0	0	0	0	0	0	0	3,333
1965	0	11,114	0	0	0	0	0	0	0	11,114
1966	0	16,742	0	0	0	0	0	0	0	16,742
1967	0	26,912	0	0	0	0	0	0	0	26,912
1968	0	37,760	0	3,876	0	0	0	0	0	41,636
1969	0	47,461	0	10,448	0	0	0	0	0	57,909
1970	0	53,291	0	13,145	0	0	0	0	0	66,436
1971	0	63,035	0	13,145	0	0	0	0	0	76,180
1972	0	69,148	1,260	13,112	0	0	0	0	1,260	82,260
1973	1,200	69,348	1,330	13,042	0	7,708	0	0	2,530	90,098
1974	3,000	69,533	1,400	12,959	0	7,708	0	0	4,400	90,210
1975	5,000	69,366	1,475	12,893	0	7,708	0	0	6,475	89,967
1976	7,000	69,408	1,555	12,811	0	7,708	0	0	8,555	89,927
1977	10,200	69,323	1,635	12,727	0	7,708	0	0	11,835	89,758
1978	12,700	68,835	1,725	12,637	0	7,708	0	477	14,425	89,657
1979	13,650	68,214	1,815	12,540	0	7,708	0	476	15,465	88,938
1980	16,050	67,491	1,915	12,441	0	7,708	0	477	17,965	88,117
1981	18,050	66,633	2,020	12,334	0	7,708	0	476	20,070	87,151
1982	19,250	65,685	2,130	12,221	0	7,708	0	477	21,380	86,091
1983	20,520	64,672	2,245	12,101	900	7,708	0	476	23,665	84,957
1984	21,785	63,591	2,365	11,982	955	7,647	0	477	25,105	83,697
1985	22,555	62,456	2,485	11,862	1,010	7,583	0	476	26,050	82,377
1986	23,830	61,265	2,605	11,737	1,070	7,515	0	477	27,505	80,994
1987	24,985	60,016	2,735	11,602	1,135	7,442	510	476	29,365	79,536
1988	26,180	58,712	2,870	11,464	1,205	7,366	590	453	30,845	77,995
1989	27,475	57,400	3,015	11,314	1,275	7,284	670	425	32,435	76,423
1990	28,635	56,080	3,175	11,152	1,355	7,198	750	393	33,915	74,823
1991	29,535	54,713	3,335	10,983	1,435	7,107	830	357	35,135	73,160
1992	30,385	53,322	3,510	10,806	1,520	7,010	910	318	36,325	71,456
1993	31,950	51,909	3,695	10,618	1,610	6,907	990	274	38,245	69,708
1994	33,455	50,432	3,885	10,421	1,705	6,799	1,070	228	40,115	67,880
1995	34,510	48,896	4,085	10,215	1,810	6,684	1,150	177	41,555	65,972
1996	35,670	47,315	4,300	9,996	1,920	6,561	1,230	121	43,120	63,993
1997	35,295	45,756	4,525	9,767	2,035	6,432	1,300	62	43,155	62,017
1998	36,675	44,226	4,760	9,524	2,155	6,295	0	0	43,590	60,045
1999	37,600	42,655	5,005	9,265	2,285	6,160	0	0	44,890	58,080
2000	38,890	41,033	5,280	8,987	2,420	6,040	0	0	46,590	56,060
2001	39,980	39,351	5,565	8,693	2,565	5,912	0	0	48,110	53,956
2002	41,120	37,620	5,865	8,384	2,720	5,773	0	0	49,705	51,777
2003	42,970	35,835	6,180	8,057	2,885	5,626	0	0	52,035	49,518
2004	45,160	33,957	6,520	7,714	3,055	5,470	0	0	54,735	47,141
2005	46,450	31,995	6,870	7,349	3,240	5,305	0	0	56,560	44,649
2006	47,740	29,971	7,245	6,968	3,435	5,130	0	0	58,420	42,069
2007	49,230	27,833	7,635	6,564	3,640	4,945	0	0	60,505	39,392
2008	51,220	25,727	8,050	6,138	3,860	4,749	0	0	63,130	36,614
2009	53,560	23,478	8,490	5,690	4,090	4,540	0	0	66,140	33,708
2010	55,250	21,134	8,950	5,216	4,335	4,319	0	0	69,535	30,669
2011	56,740	18,717	9,435	4,717	4,595	4,085	0	0	70,770	27,519
2012	58,530	16,216	9,945	4,192	4,875	3,837	0	0	73,350	24,245
2013	60,370	13,676	10,485	3,636	5,165	3,574	0	0	76,020	20,886
2014	57,900	11,244	11,055	3,051	5,475	3,303	0	0	74,430	17,598
2015	53,690	8,838	11,655	2,435	5,805	3,015	0	0	71,150	14,288
2016	46,130	6,626	12,290	1,782	6,150	2,710	0	0	64,570	11,118
2017	38,060	4,614	12,960	1,097	6,520	2,388	0	0	57,540	8,099
2018	25,350	2,980	13,665	371	6,910	2,045	0	0	45,925	5,396
2019	16,890	1,778	0	0	7,325	1,682	0	0	24,215	3,460
2020	17,320	934	0	0	7,765	1,298	0	0	25,085	2,232
2021	8,510	301	0	0	8,230	890	0	0	16,740	1,191
2022	1,800	48	0	0	8,725	458	0	0	10,525	506
TOTAL	1,560,000	2,370,004	244,995	466,191	139,165	283,872	10,000	7,573	1,954,160	3,127,640

EXHIBIT 3.5

State of California  
Department of Water Resources

\$95,800,000

**CENTRAL VALLEY PROJECT  
POWER FACILITIES REVENUE BONDS,  
SERIES A  
PYRAMID HYDROELECTRIC  
PROJECT**

\$25,025,000 SERIAL BONDS

<i>Principal Amount</i>	<i>Due December 1</i>	<i>Interest Rate</i>	<i>Price or Yield</i>	<i>Principal Amount</i>	<i>Due December 1</i>	<i>Interest Rate</i>	<i>Price or Yield</i>
\$640,000	1984	8½ %	6.60 %	\$1,180,000	1995	6.90 %	6.95 %
675,000	1985	8½	6.60	1,250,000	1996	7	100
715,000	1986	8½	6.60	1,325,000	1997	7	7.05
755,000	1987	8½	6.60	1,405,000	1998	7.10	100
795,000	1988	8½	6.60	1,490,000	1999	7.10	7.15
840,000	1989	8½	6.65	1,580,000	2000	7.20	100
890,000	1990	8½	6.70	1,680,000	2001	7¼	100
940,000	1991	8½	6.75	1,785,000	2002	7.30	100
995,000	1992	6.80	100	1,900,000	2003	7.30	7.35
1,050,000	1993	6.80	6.85	2,020,000	2004	7.40	100
1,115,000	1994	6.90	100				

\$12,270,000      7¼% TERM BONDS DUE DECEMBER 1, 2009  
Priced to Yield 7.60%

\$58,505,000      7¼% TERM BONDS DUE DECEMBER 1, 2022  
Price 100%

Exhibit 3



EXHIBIT 4.5

### ANNUAL DEBT SERVICE REQUIREMENTS

The following table sets forth the annual debt service requirements for the Series A Bonds:

Year Ending December 1	Principal (1)	Interest (2)	Total Debt Service
1980		\$7,292,218	\$7,292,218
1981		7,292,218	7,292,218
1982		7,292,218	7,292,218
1983		7,292,218	7,292,218
1984	\$640,000	7,292,218	7,932,218
1985	675,000	7,237,818	7,912,818
1986	715,000	7,180,443	7,895,443
1987	755,000	7,119,668	7,874,668
1988	795,000	7,055,493	7,850,493
1989	840,000	6,987,918	7,827,918
1990	890,000	6,916,518	7,806,518
1991	940,000	6,840,868	7,780,868
1992	995,000	6,760,968	7,755,968
1993	1,050,000	6,693,308	7,743,308
1994	1,115,000	6,621,908	7,736,908
1995	1,180,000	6,544,973	7,724,973
1996	1,250,000	6,463,553	7,713,553
1997	1,325,000	6,376,053	7,701,053
1998	1,405,000	6,283,303	7,688,303
1999	1,490,000	6,183,548	7,673,548
2000	1,580,000	6,077,758	7,657,758
2001	1,680,000	5,963,998	7,643,998
2002	1,785,000	5,842,198	7,627,198
2003	1,900,000	5,711,893	7,611,893
2004	2,020,000	5,573,193	7,593,193
2005	2,150,000	5,423,713	7,573,713
2006	2,290,000	5,267,838	7,557,838
2007	2,445,000	5,101,813	7,546,813
2008	2,605,000	4,924,550	7,529,550
2009	2,780,000	4,735,688	7,515,688
2010	2,960,000	4,534,138	7,494,138
2011	3,160,000	4,304,738	7,464,738
2012	3,370,000	4,059,838	7,429,838
2013	3,600,000	3,798,663	7,398,663
2014	3,840,000	3,519,663	7,359,663
2015	4,095,000	3,222,063	7,317,063
2016	4,370,000	2,904,700	7,274,700
2017	4,665,000	2,566,025	7,231,025
2018	4,975,000	2,204,488	7,179,488
2019	5,310,000	1,818,925	7,128,925
2020	5,665,000	1,407,400	7,072,400
2021	6,045,000	968,363	7,013,363
2022	6,450,000	499,875	6,949,875

(1) Serial maturities and mandatory redemption requirements for Term Bonds.

(2) Interest on the Series A Bonds capitalized to July 1, 1983.

EXHIBIT 6A

NAME	OWNER	TYPE	LOCATION	FIRM/NOT FIRM	AMOUNT	EXPECTED TERM
Pine Flat	Kings River Conservation District 4886 E. Jensen Ave. Fresno, CA 93725	Hydro	Fresno, California	Unit Power	165 MW	Duration of License
Reid Gardner	Nevada Power Company P. O. Box 230 Las Vegas, NV 89151	Coal	Nevada	Unit Power	67.88* of 250 MW	Thirty Years
Sundesert	San Diego Gas and Electric Company P. O. Box 1831 San Diego, CA 92112	Nuclear	Blythe, California	Unit Power	135 MW	Duration of Plant
System Power	Salt River Project P. O. Box 1980 Phoenix, AZ 85001	Coal	Arizona	Unit Power	200 MW	Ten-Fifteen Years
San Joaquin	Los Angeles Department of Water and Power P. O. Box 111 Los Angeles, CA 90051	Nuclear	Wasco, California	Unit Power	525 MW	Duration of Plant

\*Ownership Interest



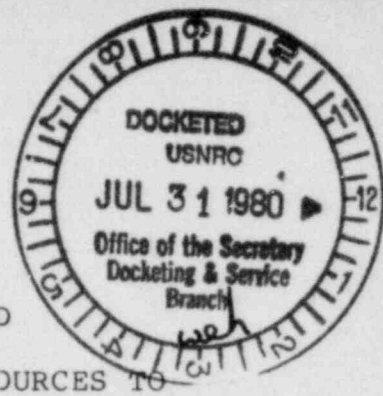
NAME	OWNER	TYPE	LOCATION	FIRM/NOT FIRM	AMOUNT	EXPECTED TERM
Kaiparowits	S. Calif. Edison Co. P. O. Box 800 Rosemead, CA 91770	Coal	Utah	Unit Power	18.6%	Life of Plant
California Coal Project	"	Coal	Cal.	Unit Power	10%	Life of Plant
Montezuma 1 & 2	PGandE 77 Beale St. San Francisco, CA 94106	Coal	Cal.	Unit Power	160 MW	Life of Plant
DWR Coal	DWR P. O. Box 388 Sacramento, CA 95802	Coal	Cal.	Unit Power	350 MW	Life of Plant
Honey Lake	Geo Products Corp. 1330 Broadway Oakland, CA 94612	Hybrid Geother- mal Wood Residue	Susan- ville, Cal.	Unit Power	55 MW	30 years
Unnamed	Various State Agencies & DWR P. O. Box 388 Sacramento, CA 95802	Cogener- ation	Numerous locations	Unit Power	Average size-- 3 MW	Life of Plant
Bottle Rock	DWR P. O. Box 388 Sacramento, CA 95802	Geother- mal	Lake Co., Cal.	Unit Power	55 MW	Life of Plant
South Geysers	DWR P. O. Box 388 Sacramento, CA 95802	Geother- mal	Sonoma Co., Cal.	Unit Power	55 MW	Life of Plant

NAME	OWNER	TYPE	LOCATION	FIRM/NOT FIRM	AMOUNT	EXPECTED TERM
Box Canyon	Siskiyou Co. Flood Cont. & Water Cons. Dist. 305 Butte Street Yreka, CA 96097	Hydro	Siskiyou Co., Cal.	Unit Power	4 MW	30 years
Camanche & Pardee	East Bay Muni. Utility Dist. P. O. Box 24055 Oakland, CA 94623	Hydro	Valley Springs, Cal.	Unit Power	19 MW	30 years
Sly Creek	Oroville-Wyandotte Irrigation District P. O. Box 229 Oroville, CA 95965	Hydro	Butte Co., Cal.	Unit Power	10 MW	30 years
Camp Far West	S. Sutter Water Dist. P. O. Box 36 Trowbridge, CA 95687	Hydro	San Joaquin Co., Cal.	Unit Power	4 MW	30 years
Rollins	Nevada Irrigation District P. O. Box 1019 Grass Valley, CA 95945	Hydro	Nevada Co., Cal.	Unit Power	12 MW	30 years
MWD Hydro- power Recovery Project	Metropolitan Water Dist. of S. Calif.	Hydro	Los Angeles, Orange & Riverside Co.s, Cal.	Unit Power	54 MW	25 years
Nacimientto & San Antonio	Monterey Co. Flood Cont. & Water Cons. Dist. P. O. Box 930 Salinas, CA 93902	Hydro	San Luis Obispo Co., Cal.	Unit Power	6 MW	30 years

NAME	OWNER	TYPE	LOCATION	FIRM/NOT FIRM	AMOUNT	EXPECTED TERM
Dinkey Creek	King River Cons. Dist. 4886 E. Jensen Ave. Fresno, CA 93725	Hydro	Fresno, Cal.	Unit Power	120 MW	30 years
South Canal	PGandE 77 Beale Street San Francisco, CA 94106	Hydro	Placer Co., Cal.	Unit Power	8 MW	30 years
Rio Bravo	Nickel Enterprises 110 New Stine Rd. Bakersfield, CA 93309	Hydro	Bakers- field, Cal.	Unit Power	6.5 MW	25 years
Monticello	Water and Power Resources Service 2800 Cottage Way Sacramento, CA 95825	Hydro	Napa Co., Cal.	Unit Power	15 MW	30 years
Cottonwood Creek Project	U.S. Corps of Engineers 650 Capitol Mall Sacramento, CA 95814	Hydro	Shasta & Tehama Co.s, Cal.	Unit Power	15 MW	30 years
South Fork American River	El Dorado Irrig. Dist. P. O. Box 1047 Placerville, CA 95667	Hydro	El Dorado Co., Cal.	Unit Power	180 MW	30 years
Santa Ana Low, Lytle Creek, Sweetwater & Waterman Canyon turnouts	San Bernardino Valley Muni. Water Dist. 1350 S. "E" Street San Bernardino, CA 92408	Hydro	San Bernar- dino Co., Cal.	Unit Power	4 MW	30 years

NAME	OWNER	TYPE	LOCATION	FIRM/NOT FIRM	AMOUNT	EXPECTED TERM
Cottonwood No. 1	DWR P. O. Box 388 Sacramento, CA 95802	Hydro	Los Angeles Co., Cal.	Unit Power	17 MW	Indefinite
Cottonwood No. 2	"	Hydro	"	"	12 MW	"
Mojave Siphon	"	"	San Bernardino	"	10 MW	"
Thermalito Afterbay River Outlet	"	"	Butte	"	13 MW	"
Thermalito Diversion Dam	"	"	"	"	4 M	"
Palermo Canal Release	"	"	"	"	0.4 M	"
Castaic Outlet	"	"	Los Angeles	"	0.3 M	"
Pyramid Stream Release	"	"	"	"	2 M	"
Antelope	"	"	Plumas	"	0.4 M	"
Del Valle	"	"	Alameda	"	"	"
Las Flores	"	"	San Bernardino	"	0.2 M	"

CERTIFICATE OF SERVICE



I hereby certify that copies of the SECOND SUPPLEMENTAL ANSWERS OF THE DEPARTMENT OF WATER RESOURCES TO PACIFIC GAS AND ELECTRIC COMPANY'S FIFTH SET OF INTERROGATORIES TO NORTHERN CALIFORNIA POWER AGENCY AND DEPARTMENT OF WATER RESOURCES AND FOURTH SET OF INTERROGATORIES TO THE CITIES OF ANAHEIM AND RIVERSIDE and this certificate were served upon each of the following by deposit in the United States mail, first class postage prepaid, this 28th day of July, 1980.

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Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Hon. Seymour Wenner  
Atomic Safety and Licensing Board  
4807 Morgan Drive  
Chevy Chase, Maryland 20015

Hon. Sheldon J. Wolfe  
Atomic Safety and Licensing Board  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Atomic Safety and  
Licensing Board Panel  
U.S. Nuclear Regulatory Commission  
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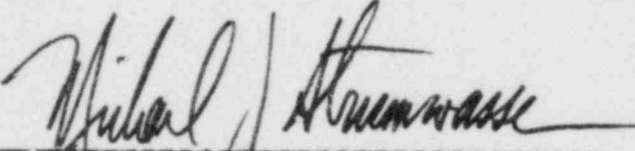
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Deputy Attorney General