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US Army Corps of Engineers
Lower Snake River Study Team
201 N. 3rd Ave.
Walla Walla, WA 99362

Subject: Breaching option of dams on the Snake River

Gentlemen:

I have been fortunate to have been able to examine the electrical generation resources up and down the West Coast over the past 30 years. I can testify to you that without a doubt the breaching of the hydroelectric resources on the Snake River would be a totally irresponsible act.

All of the hydroelectric resources in the PNW are not only vital future resources to the PNW but to California also. You can be sure that when BPA wanted to build a hydroelectric plant in the PNW it was able to do so because of the wisdom and support of the California congressional delegation.

California has no less than eighty thermal power electrical generation plants poised to burn petroleum and/or natural gas. The output of these plants is handy for the PNW during dry years in the PNW. Likewise, the hydroelectric potential of the PNW is useful to California to defer the burning of petroleum resources there until later years.

By retaining the hydroelectric facilities on the Snake River we are using a vital renewable resource to displace oil and gas burning in the Southwest. This subject is not an Oregon, Idaho or Washington question. It is a future generation question related to dwindling petroleum resources. The creation of the HVDC transmission line from The Dalles to Southern California was authorized by congress for not only regional emergencies but for regional

balance.

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cont. | The quicker that we deplete our petroleum resources the sooner we will be
needing to build more coal-fired or nuclear power plants in the PNW for baseload
generation. When petroleum is a lost option in California it will be a lost option in
the PNW also.

Please don't do anything on the Snake that will shift the burden to petroleum
either now or in the future.

Most sincerely,



Lawrence E. Wilkinson

cc: Governor Kitzhaber

APPENDIX A

TABLE A-1

WSWC REGION EXISTING OIL AND GAS-FIRED ELECTRICAL GENERATION PLANTS

Plant Name	Start Date	Rating MW (Net Ect)	Cooling System	Water Used 10 ⁶ a-ft	Location	Plant Name	Start Date	Rating MW (Net Ect)	Cooling System	Water Used 10 ⁶ a-ft	Location
ARIZONA											
Saguaro Steam-1	1954	115	ECT	1.73	Red Rock, AZ	Encina 1	1954	100	OT	negl.	Carlsbad, CA
Ocotillo Steam-1	1960	115	ECT	1.73	Tempe, AZ	2	1956	132	OT	negl.	Carlsbad, CA
-2	1960	115	ECT	1.73	Tempe, AZ	3	1958	132	OT	negl.	Carlsbad, CA
Agua Fria 1	1958	109	ECT	1.64	Glendale, AZ	4	1973	267	OT	negl.	Carlsbad, CA
-2	1957	109	ECT	1.64	Glendale, AZ	South Bay 1	1960	190	OT	negl.	Chula Vista, CA
3	1961	182	ECT	2.73	Glendale, AZ	2	1962	142	OT	negl.	Chula Vista, CA
Irvington Steam-3	1962	104	ECT	1.56	Tucson, AZ	-3	1964	198	OT	negl.	Chula Vista, CA
4	1962	156	ECT	2.34	Tucson, AZ	4	1971	220	OT	negl.	Chula Vista, CA
CALIFORNIA											
Comita Costa-1	1951	116	OT	negl.	Antioch, CA	Keeney GI 1-3	1972	183	Air	none	San Diego, CA
2	1951	116	OT	negl.	Antioch, CA	Valley 1	1954	101	ECT	1.52	San Valley, CA
-3	1951	116	OT	negl.	Antioch, CA	2	1954	101	ECT	1.52	San Valley, CA
4	1953	117	OT	negl.	Antioch, CA	3	1955	171	ECT	2.57	San Valley, CA
5	1953	115	OT	negl.	Antioch, CA	4	1956	160	ECT	2.40	San Valley, CA
5	1964	340	OT	negl.	Antioch, CA	Starbuckood 1	1958	179	OT	negl.	Playa Del Rey, CA
7	1964	340	OT	negl.	Antioch, CA	2	1959	179	OT	negl.	Playa Del Rey, CA
Harcos 1	1962	222	OT	negl.	Long Beach, CA	3	1974	339	OT	negl.	Playa Del Rey, CA
-2	1961	232	OT	negl.	Long Beach, CA	Hunter Point 2	1918	137	OT	negl.	San Francisco, CA
3	1964	220	OT	negl.	Long Beach, CA	3	1919	107	OT	negl.	San Francisco, CA
4	1964	227	OT	negl.	Long Beach, CA	4	1928	133	OT	negl.	San Francisco, CA
5	1966	344	OT	negl.	Long Beach, CA	Kern 2	1950	136	ECT	1.52	Bakersfield, CA
6	1967	344	OT	negl.	Long Beach, CA	Morro Bay 1	1956	133	OT	negl.	Morro Bay, CA
Redondo Beach 5	1954	175	OT	negl.	Redondo Beach, CA	2	1955	133	OT	negl.	Morro Bay, CA
6	1957	175	OT	negl.	Redondo Beach, CA	3	1962	338	OT	negl.	Morro Bay, CA
7	1967	480	OT	negl.	Redondo Beach, CA	4	1963	338	OT	negl.	Morro Bay, CA
8	1967	480	OT	negl.	Redondo Beach, CA	Moss Landing 1	1950	116	OT	negl.	Moss Landing, CA
Long Beach 8	1976	252	OT	negl.	Long Beach, CA	2	1950	115	OT	negl.	Moss Landing, CA
Etwanda-1	1953	132	ECT	1.98	Etwanda, CA	3	1951	117	OT	negl.	Moss Landing, CA
2	1953	132	ECT	1.98	Etwanda, CA	4	1952	117	OT	negl.	Moss Landing, CA
3	1963	320	ECT	4.80	Etwanda, CA	5	1952	117	OT	negl.	Moss Landing, CA
4	1963	320	ECT	4.80	Etwanda, CA	6	1967	230	OT	negl.	Moss Landing, CA
5	1969	121	ECT	1.82	Etwanda, CA	7	1981	730	OT	negl.	Moss Landing, CA
El Segundo-1	1955	175	OT	negl.	El Segundo, CA	Pittsburg 1	1954	163	OT	negl.	Pittsburg, CA
2	1956	175	OT	negl.	El Segundo, CA	2	1954	163	OT	negl.	Pittsburg, CA
3	1964	336	OT	negl.	El Segundo, CA	3	1954	163	OT	negl.	Pittsburg, CA
4	1965	335	OT	negl.	El Segundo, CA	4	1961	163	OT	negl.	Pittsburg, CA
Alamitos 1	1956	175	OT	negl.	Long Beach, CA	5	1960	325	OT	negl.	Pittsburg, CA
2	1957	175	OT	negl.	Long Beach, CA	6	1961	325	OT	negl.	Pittsburg, CA
3	1961	320	OT	negl.	Long Beach, CA	7	1972	220	OT	negl.	Pittsburg, CA
4	1962	320	OT	negl.	Long Beach, CA	Potoso 3	1965	207	OT	negl.	San Francisco, CA
5	1966	480	OT	negl.	Long Beach, CA	NEVADA					
-6	1966	480	OT	negl.	Long Beach, CA	Tracy 3	1974	110	CP	110	Reno, NV
-7	1969	121	OT	negl.	Long Beach, CA	Fl Churchill 1	1968	110	CP	110	Yerington, NV
Huntington Beach-1	1958	215	OT	negl.	Huntington Beach, CA	-2	1971	110	CP	110	Yerington, NV
2	1958	215	OT	negl.	Huntington Beach, CA	ECT - Evaporative Cooling Tower					
3	1961	215	OT	negl.	Huntington Beach, CA	OT - Once Through					
-4	1961	225	OT	negl.	Huntington Beach, CA	CP - Cooling Pond					
5	1969	121	OT	negl.	Huntington Beach, CA	Air - Dry Cooling System					
Mandalay-1	1959	215	OT	negl.	Oxnard, CA	W/D - Wet/Dry System					
2	1959	215	OT	negl.	Oxnard, CA	negl. - Negligible					
-3	1970	121	OT	negl.	Oxnard, CA	NOTE: Plants Limited To Those With Units Greater Than 100 MW					
Ormond Beach 1	1971	750	OT	negl.	Oxnard, CA						
2	1973	750	OT	negl.	Oxnard, CA						