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PINNACLE WEST
CAPITAL CORPORATION

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Donald G. Robinson
Vice President
Regulation and Planning

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August 20, 2002

Commissioner Jim Irvin
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

RE: Arizona Public Service Company's ("APS") Existing Generation Assets
Docket Nos. **E-00000-02-0051**, E-01345-01-0822, E-00000A-01-0630, and
E-01933A-02-0069 – Generic Proceeding to Electric Restructuring

Dear Commissioner Irvin:

This letter and accompanying attachments are responsive to the questions posed on your behalf by Kevin Barlay in his correspondence dated August 13, 2002. The attachments address the following items:

Exhibit 1 - APS generation plants, their locations, ages, fuel sources, maximum output and primary uses;

Exhibit 2 - Plant emissions;

Exhibit 3 - A list of long-term contracts for sales and purchases.

As you can see, the Company's portfolio of dedicated generation provides significant fuel, geographic and operational diversity. With regard to your request for plant emissions data, I would like to emphasize that the overall emissions profile of our fleet is one of the best and all of our power plants are required by law to limit their emissions and operate within parameters set by federal, state and/or local environmental agencies.

We appreciate the opportunity to respond to your questions. Should you require additional information or explanation, please feel free to contact me.

Very truly yours,

cc: Kevin Barlay
Docket Control
Parties of Record

Pinnacle West Capital Corporation Station 9909 P.O Box 53999 Phoenix, AZ 85072-3999 Tel: 602-250-3392 Fax: 602-250-3399 E-Mail: Donald.Robinson@pinnaclewest.com

EXHIBIT 1

Name	Location	Owner	Age (Years)	Primary Fuel Source	Maximum Output[1] (MW)	Primary Use
Palo Verde Unit 1	Wintersburg, AZ	APS	16	Nuclear	362	Baseload
Palo Verde Unit 2	Wintersburg, AZ	APS	16	Nuclear	362	Baseload
Palo Verde Unit 3	Wintersburg, AZ	APS	14	Nuclear	363	Baseload
Four Corners Unit 1	Farmington, NM	APS	39	Coal	170	Baseload
Four Corners Unit 2	Farmington, NM	APS	39	Coal	170	Baseload
Four Corners Unit 3	Farmington, NM	APS	38	Coal	220	Baseload
Four Corners Unit 4	Farmington, NM	APS	33	Coal	111	Baseload
Four Corners Unit 5	Farmington, NM	APS	32	Coal	111	Baseload
Navajo Unit 1	Page, AZ	APS	28	Coal	105	Baseload
Navajo Unit 2	Page, AZ	APS	27	Coal	105	Baseload
Navajo Unit 3	Page, AZ	APS	26	Coal	105	Baseload
Cholla Unit 1	Joseph City, AZ	APS	40	Coal	110	Baseload
Cholla Unit 2	Joseph City, AZ	APS	24	Coal	245	Baseload
Cholla Unit 3	Joseph City, AZ	APS	22	Coal	260	Baseload
Redhawk CC Unit 1	Arlington, AZ	PWEC	<1	Natural Gas	492	Intermediate
Redhawk CC Unit 2	Arlington, AZ	PWEC	<1	Natural Gas	492	Intermediate
West Phoenix (Steam) Unit 4[2]	Phoenix, AZ	APS	54	Natural Gas[3]	33	Peaking / Reserves / RMR[4]
West Phoenix (Steam) Unit 5[2]	Phoenix, AZ	APS	53	Natural Gas[3]	12	Peaking / Reserves / RMR[4]
West Phoenix (Steam) Unit 6[2]	Phoenix, AZ	APS	52	Natural Gas[3]	63	Peaking / Reserves / RMR[4]
West Phoenix CT 1	Phoenix, AZ	APS	30	Natural Gas[3]	55	Peaking / RMR[4]
West Phoenix CT 2	Phoenix, AZ	APS	29	Natural Gas[3]	55	Peaking / RMR[4]
West Phoenix CC 1	Phoenix, AZ	APS	26	Natural Gas[3]	85	Intermediate / RMR[4]
West Phoenix CC 2	Phoenix, AZ	APS	26	Natural Gas[3]	85	Intermediate / RMR[4]
West Phoenix CC 3	Phoenix, AZ	APS	26	Natural Gas[3]	85	Intermediate / RMR[4]
West Phoenix CC 4	Phoenix, AZ	PWEC	1	Natural Gas	112	Intermediate / RMR[4]
Ocotillo (Steam) Unit 1	Tempe, AZ	APS	42	Natural Gas[3]	110	Peaking / Intermediate / RMR[4]
Ocotillo (Steam) Unit 2	Tempe, AZ	APS	42	Natural Gas[3]	110	Peaking / Intermediate / RMR[4]
Ocotillo CT 1	Tempe, AZ	APS	30	Natural Gas[3]	55	Peaking / RMR[4]
Ocotillo CT 2	Tempe, AZ	APS	29	Natural Gas[3]	55	Peaking / RMR[4]
Saguaro (Steam) Unit 1	Red Rock, AZ	APS	48	Natural Gas[3]	110	Peaking / Intermediate
Saguaro (Steam) Unit 2	Red Rock, AZ	APS	47	Natural Gas[3]	100	Peaking / Intermediate
Saguaro CT 1	Red Rock, AZ	APS	30	Natural Gas[3]	55	Peaking
Saguaro CT 2	Red Rock, AZ	APS	29	Natural Gas[3]	55	Peaking
Saguaro CT 3	Red Rock, AZ	PWEC	<1	Natural Gas	80	Peaking
Yucca CT 1	Yuma, AZ	APS	31	Natural Gas[3]	19	Peaking / RMR[4]
Yucca CT 2	Yuma, AZ	APS	31	Natural Gas[3]	19	Peaking / RMR[4]
Yucca CT 3	Yuma, AZ	APS	29	Natural Gas[3]	55	Peaking / RMR[4]
Yucca CT 4	Yuma, AZ	APS	28	Oil[5]	54	Peaking / RMR[4]
Douglas CT 1	Douglas, AZ	APS	30	Oil	16	Peaking
Childs Units 1-3	Strawberry, AZ	APS	93	Hydro	4	Baseload
Irving Unit 1	Strawberry, AZ	APS	86	Hydro	1	Baseload
Renewables	Various	APS	Various	Solar	2	Run When Available

[1] APS share.
[2] Currently in cold standby status.
[3] Dual-fuel capable.
[4] Reliability Must-Run.
[5] There is insufficient capacity on the El Paso pipeline to supply all Yucca units with natural gas.

EXHIBIT 2
2001 Unit Emission Rates (lb/MMBTU)
Based on Full Unit Emissions Regardless of Ownership

Plant	Unit	SO2	NOx	PM10	CO	VOC	MMBTU
Four Corners	1	0.5365	0.8736	0.0298	0.0279	0.0033	13,294,644
	2	0.6007	0.6816	0.0298	0.0279	0.0033	13,201,682
	3	0.5472	0.6522	0.0398	0.0279	0.0033	19,178,177
	4	0.4713	0.5682	0.0199	0.0278	0.0033	56,759,784
	5	0.5030	0.5175	0.0199	0.0279	0.0033	53,320,042
	Plant	**0.5080**	**0.5969**	**0.0240**	**0.0279**	**0.0033**	**155,754,329**
Navajo	1	0.0376	0.3749	0.0300	0.0278	0.0033	56,551,095
	2	0.0366	0.3788	0.0300	0.0278	0.0033	64,700,844
	3	0.0605	0.3738	0.0300	0.0278	0.0033	57,296,449
	Plant	**0.0446**	**0.3759**	**0.0300**	**0.0278**	**0.0033**	**178,548,388**
Cholla	1	0.2073	0.4264	0.0699	0.0278	0.0033	7,163,857
	2	0.1243	0.4062	0.0200	0.0278	0.0033	19,424,536
	3	0.9100	0.3231	0.0200	0.0278	0.0033	21,096,101
	4	0.6394	0.2888	0.0300	0.0278	0.0033	29,716,188
	Plant	**0.5439**	**0.3403**	**0.0284**	**0.0278**	**0.0033**	**77,400,682**
Ocotillo	1	0.0023	0.1397	0.0124	0.0398	0.0014	4,323,569
	2	0.0006	0.1336	0.0110	0.0400	0.0014	4,128,981
	CT1	0.0006	0.4400	0.0250	0.1100	0.0200	2,201,472
	CT2	0.0006	0.4400	0.0250	0.1100	0.0200	2,109,276
	Plant	**0.0012**	**0.2392**	**0.0162**	**0.0636**	**0.0077**	**12,763,298**
W.Phx.	CC1	0.0006	0.3351	0.0130	0.1100	0.0200	3,765,001
	CC2	0.0006	0.3350	0.0130	0.1100	0.0200	4,541,475
	CC3	0.0006	0.0355	0.0064	0.0029	0.0048	3,258,448
	CC4	0.0005	0.0255	0.0053	0.0044	0.0015	3,503,071
	CT1	0.0006	0.4400	0.0250	0.1100	0.0200	1,823,715
	CT2	0.0006	0.4400	0.0250	0.1100	0.0200	1,905,361
	4	0.0006	0.3143	0.0060	0.0284	0.0065	21,524
	6	0.0006	0.3143	0.0060	0.0284	0.0065	52,307
	Plant	**0.0006**	**0.2465**	**0.0128**	**0.0716**	**0.0139**	**18,870,902**
Redhawk	CC1[1]	n/a	n/a	n/a	n/a	n/a	n/a
	CC2[1]	n/a	n/a	n/a	n/a	n/a	n/a
	Plant	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**
Yucca	Axis	0.0012	0.1025	0.0110	0.0400	0.0014	3,758,128
	CT1	0.0038	0.4606	0.0148	0.1050	0.0195	726,201
	CT2	0.0023	0.4511	0.0140	0.1073	0.0197	628,303
	CT3	0.0011	0.4432	0.0133	0.1092	0.0199	1,654,170
	CT4	0.0400	0.6980	0.0360	0.0480	0.0140	887,591
	CT21	0.0400	0.6980	0.0360	0.0480	0.0140	134,638
	Plant	**0.0066**	**0.3145**	**0.0154**	**0.0672**	**0.0102**	**7,789,031**
Saguaro	1	0.1192	0.1464	0.0141	0.0395	0.0014	4,249,221
	2	0.1120	0.1523	0.0139	0.0395	0.0014	4,156,150
	CT1	0.0028	0.4543	0.0256	0.1066	0.0197	1,937,299
	CT2	0.0047	0.4670	0.0262	0.1035	0.0194	1,562,962
	CT3[1]	n/a	n/a	n/a	n/a	n/a	n/a
	Plant	**0.0827**	**0.2406**	**0.0175**	**0.0588**	**0.0067**	**11,905,632**
Douglas	CT1	0.0400	0.6980	0.0360	0.0480	0.0140	365,548
	Plant	**0.0400**	**0.6980**	**0.0360**	**0.0480**	**0.0140**	**365,548**
Nuclear	All	0.0000	0.0000	0.0000	0.0000	0.0000	0
Hydro	All	0.0000	0.0000	0.0000	0.0000	0.0000	0
Solar	All	0.0000	0.0000	0.0000	0.0000	0.0000	0
TOTAL		**0.2811**	**0.4304**	**0.0261**	**0.0320**	**0.0041**	**463,397,810**

[1] Went into service in 2002.

EXHIBIT 3
Long-Term Sales & Purchases

Company Name	Type of Agreement	Contract Maximum	Term	Effective Date	Termination Date
Long-term Sales:					
Arizona Majority Districts /1/	Partial Requirements	256,726 MWh /4/	7 Yrs	1/1/1998	12/31/2005
City of Williams	Requirements	6,650 kW/mo	Indefinite	12/31/1992	12/31/03 - 3 Year Notice Given
Electrical District #1	Partial Requirements	1,252 MWh /4/	Indefinite	8/18/1977	Indefinite extension pending sales of facilities
Electrical District #3	Partial Requirements	1,296 MWh /4/	Indefinite	7/7/1961	Indefinite extension pending sales of facilities
PacifiCorp					
PacifiCorp - Other Supplemental Energy	Partial Requirements	657,000 MWh/yr	30 Yrs	9/21/1990	10/31/2020
PacifiCorp - Supplemental Coal Energy	Partial Requirements	438,000 MWh/yr	30 Yrs	9/21/1990	10/31/2020
PacifiCorp	Exchange - 4 Winter Months	142,848 MWh/mo	30 Yrs	9/21/1990	10/31/2020
San Carlos Indian Irrigation Project	Partial Requirements /2/	36,000 MWh/yr	Indefinite	11/24/1962	Indefinite - Parties have to give two years advance notice
Southern California Edison	Requirements /3/	320 kW/mo	Indefinite	12/18/1984	12/31/03 - 3 Year Notice Given
Town of Wickenburg	Requirements	3,017 MWh /4/	6 Yrs 9 Mo	4/1/1998	12/31/2005
Long-term Purchases:					
Salt River Project	Coordination Agreement	217,000 MWh/mo	Indefinite	8/31/1955	SRP has to give APS three year notice of termination; APS cannot terminate.
PacifiCorp	Exchange - 4 Summer Months	142,848 MWh/mo	30 Yrs	9/21/1990	10/31/2020

/1/ The AZ Majority Districts include the following: Aguila Irrigation District, Buckeye Water Conservation & Drainage District, Electrical District No. 6 of Pinal County, Electrical District No. 7 of Maricopa County, Electrical District No. 8 of Maricopa County, Harquahala Valley Power District, Maricopa County Municipal Water Conservation District No. 1, McMullen Valley Water Conservation & Drainage District, Roosevelt Irrigation District, and Tonopah Irrigation District.

/2/ APS is obligated to make this sale only to the extent that excess energy is available. In 2001, no sales were made to SCIIP.

/3/ For this particular contract, SCE is a full requirements customer.

/4/ Agreement does not contain any maximum demand provisions. Listed is the 2001 sales.