

PALO VERDE NUCLEAR GENERATING STATION
UNIT 2
STEAM GENERATOR EDDY CURRENT EXAMINATION
4th REFUELING OUTAGE
MARCH 1993

ARIZONA PUBLIC SERVICE
P.O. BOX 52034
PHOENIX, AZ 85072

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COMMERCIAL SERVICE DATE: 9/19/86
REPORT DATE: 7/6/94



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UNIT 2 STEAM GENERATOR EDDY CURRENT EXAMINATION

1.0 Summary

The fourth refueling outage for Palo Verde Unit 2 began on March 14, 1993 following a steam generator tube rupture event. The original outage schedule was to begin on March 20, 1993. The initial examination plan for both steam generators was a 100% full length bobbin examination with approximately 10% of the tubes to be tested using MRPC at the hotleg tubesheet and at the first support.

2.0 Examination Discussion and Results

The 100% full length bobbin examination was performed and approximately 6500 tubes were MRPC-examined at various locations including the upper hotleg area where the tube rupture had occurred.

The examination results are summarized in Table 1 of this report. The detailed information for each tube is contained in Appendix B. These summary data sheets list the tubes in each steam generator with a through-wall indication from 0-100%, single or multiple axial indication (SAI or MAI), single or multiple circumferential indication (SCI or MCI), or single volumetric indication (SVI). Appendix D contains a listing of tubes with possible loose part indications (PLP).

Steam Generator 21 had a total of 19 tubes that exceeded the Technical Specification plugging limit criteria of 40% and 20 tubes with axial indications.

Steam Generator 22 had a total of 41 tubes that exceeded the Technical Specification plugging limit criteria and 109 tubes with axial indications.

Steam Generator 21 had 20 tubes with possible loose parts (PLP) indications and 2 of those tubes had associated wear. Steam Generator 22 had 27 tubes with PLP indications and 3 of those tubes had associated wear.

The examination resulted in plugging a total of 74 tubes in Steam Generator 21 and 175 tubes in Steam Generator 22. The tube sheet maps in Appendix C provide a pictorial representation of the plugged tubes. The NIS-1 form in Appendix E lists each of the tubes, by row and line, plugged as a result of this examination.

TABLE 1
INDICATION SUMMARY

INDICATION CATEGORY	STEAM GENERATOR 21	STEAM GENERATOR 22
Corner Eggcrate Wear <20% ≥20% <40% ≥40%	12 0 0	9 2 0
Eggcrate Wear <20% ≥20% <40% ≥40%	179 104 7	386 193 28
Flow Dist Plate Wear <20% ≥20% <40% ≥40%	2 0 0	4 4 2
Batwing Wear <20% ≥20% <40% ≥40%	144 94 6	313 172 7
Vertical Strap Wear <20% ≥20% <40% ≥40%	171 115 6	223 69 4
Possible Loose Parts wo/wear <20% ≥20% <40% ≥40%	18 1 1 0	24 2 1 0
Axial Indications SAI MAI	18 2	106 3
Single Volumetric Indications	23	17



3.0 Examination Techniques and Equipment

The eddy current examination was performed by Conam Nuclear Inc. using Zetec MIZ-18 digital data acquisition and analysis systems. The following frequencies were used for the bobbin coil examinations:

550 KHZ
990 KHZ
100 KHZ
20 KHZ

NOTE: These frequencies were utilized in both differential and absolute modes.

The tubing was examined with Zetec manufactured bobbin coil style probes, typically .610 inch or .590 inch diameter. A 3 coil motorized rotating pancake probe was also used for axial and circumferential indications and to characterize bobbin coil indications at various locations.

Data acquisition was facilitated by using Zetec SM-10, 20 or 22 "no entry" probe positioning fixtures in both the cold and hot leg S/G plenums. Conam Nuclear Inc. provided the primary data analysis and Combustion Engineering performed the secondary analysis.

Each level IIA individual from Conam Nuclear Inc. and Combustion Engineering who performed data analysis was required to complete and pass an on-site data analysis performance examination with at least a 80% proficiency within the last year.

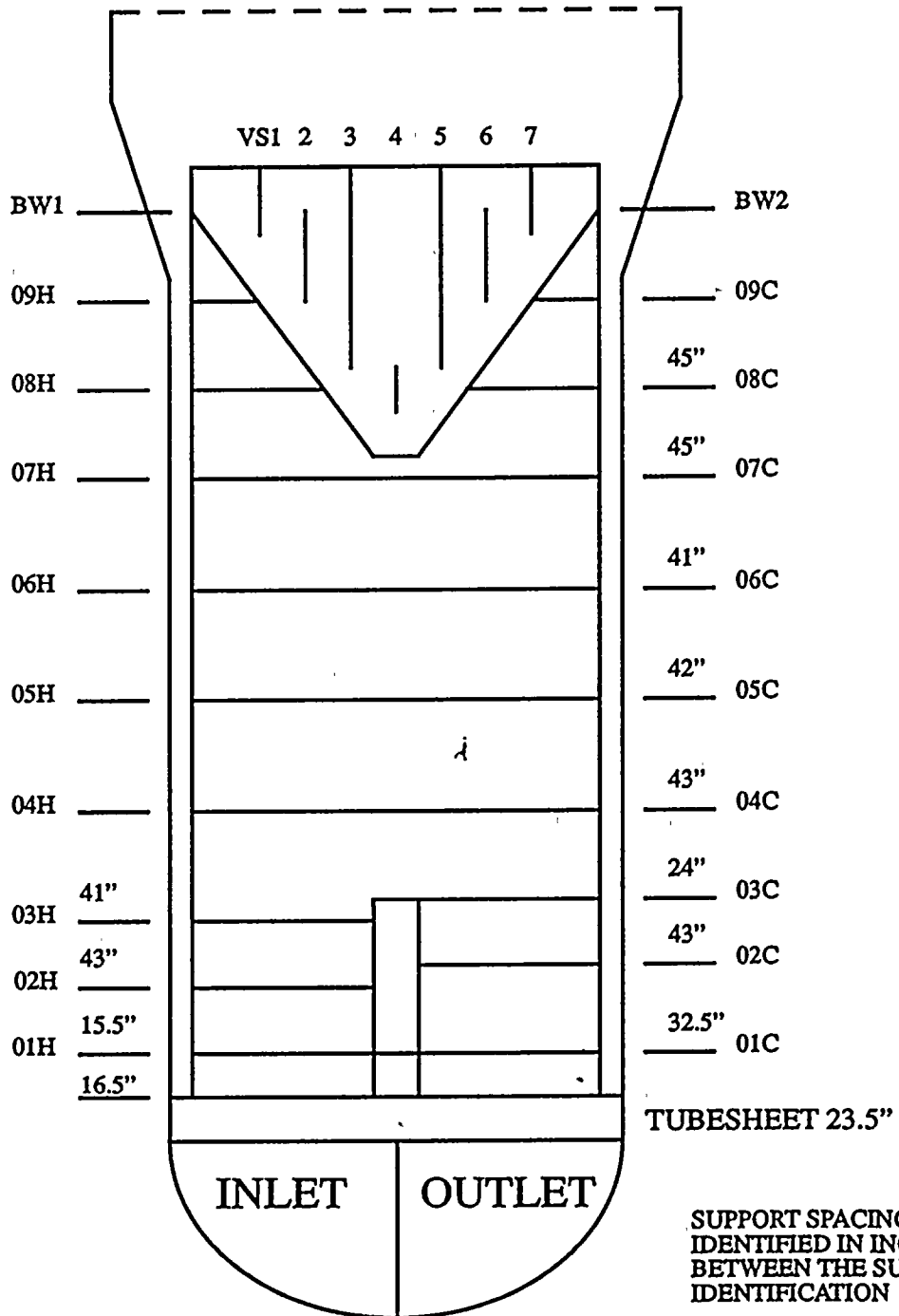


APPENDIX A

STEAM GENERATOR TUBE SUPPORT DIAGRAM



CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM





APPENDIX B

SUMMARY DATA SHEETS



LEGEND

ROW:	Indicates the row number of a given tube														
LIN:	Indicates the column number of a given tube.														
LEG:	Indicates the tube leg from which examination was performed; C is from cold leg, H is from hot leg														
EXAM EXTENT PROGRAM:	Indicates the tube length initially required to be examined, i.e., F/L-full length, 07H-seventh support on hot leg side, etc.														
EXAM EXTENT ACTUAL:	Indicates the tube length actually examined.														
REM:	Remarks column used for comments relating to examination. RPI = Retest Positive Identification RIC = Retest Incomplete														
REEL:	Indicates reel number that the data was recorded on.														
PROBE:	Indicates probe diameter and style used for examination.														
LOCATION:	Gives indication location relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows: <table> <tr> <td>#1 Vertical Strap.....</td> <td>VS1</td> </tr> <tr> <td>#1 Batwing.....</td> <td>BW1</td> </tr> <tr> <td>#1 Support Plate in Hot Leg.....</td> <td>01H</td> </tr> <tr> <td>#7 Support Plate in Cold Leg.....</td> <td>07C</td> </tr> <tr> <td>Top Tube Sheet Cold Leg.....</td> <td>TSC</td> </tr> <tr> <td>Tube End Hot Leg.....</td> <td>TEH</td> </tr> <tr> <td>Tube End Cold Leg.....</td> <td>TEC</td> </tr> </table>	#1 Vertical Strap.....	VS1	#1 Batwing.....	BW1	#1 Support Plate in Hot Leg.....	01H	#7 Support Plate in Cold Leg.....	07C	Top Tube Sheet Cold Leg.....	TSC	Tube End Hot Leg.....	TEH	Tube End Cold Leg.....	TEC
#1 Vertical Strap.....	VS1														
#1 Batwing.....	BW1														
#1 Support Plate in Hot Leg.....	01H														
#7 Support Plate in Cold Leg.....	07C														
Top Tube Sheet Cold Leg.....	TSC														
Tube End Hot Leg.....	TEH														
Tube End Cold Leg.....	TEC														
VOLTS:	Indicates the peak-to-peak voltage of a given indication response.														
DEG:	The measured phase angle of a given indication response.														
%:	The percent through the tube wall of a given indication based on the measured phase angle/amplitude and the calibration curve established for that particular channel, or analysis comment codes, e.g., PLP = Possible Loose Parts, etc.														
CH:	Indicates the channel used to measure and evaluate a given indication.														



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
6	1	1	H	TSH-TSH	TSH-TSH		00093	610RP	TSH- 0.93TO- 0.79	1.39		32	MAY	1
34	5	2	C	TEC-TEH	TEC-TEH		00035	610UL	03C+ 0.85	1.06		0	16	P 2
40	5	2	C	TEC-TEH	TSC-TEH		00035	610UL	04C- 0.26	1.04		0	16	P 2
3	6	2	C	TEC-07H	TEC-06H		00084	590SM	04C- 0.91	0.63		0	12	P 2
5	6	2	C	TEC-TEH	TEC-TEH		00042	610UL	04C+ 0.15	0.67		0	11	P 2
2	7	2	C	TEC-07H	TEC-06H		00084	590SM	03C- 1.04	0.77		0	15	P 2
43	8		C	TEC-TEH	TEC-TEH		00035	610UL	BW1+ 28.17	0.56	138	0	26	P 1
2	9	2	C	TEC-07H	TEC-06H		00084	590SM	03C+ 0.90	0.75		0	14	P 2
42	9	1	C	TEC-TEH	TEC-TEH		00035	610UL	BW1+ 28.33	1.40	147	0	19	1
64	9	1	C	TEC-TEH	TEC-TEH		00031	610UL	08H+ 1.60	1.37		0	24	P 2
32	11	5	C	TEC-TEH	TEC-TEH		00036	610UL	VS4- 0.96	1.35		0	15	P 2
1	12	2	C	TEC-07H	TEC-06H		00084	590SM	02C- 0.91	0.75		0	14	P 2
43	12	2	C	TEC-TEH	TEC-TEH		00036	610UL	VS4- 0.88	0.76		0	9	P 2
3	14	2	C	TEC-07H	TEC-06H		00084	590SM	02C- 1.07	0.63		0	12	P 2
65	14	1	C	TEC-TEH	TEC-TEH		00031	610UL	08H+ 0.11	2.39		0	32	P 2
2	15	2	C	TEC-07H	TEC-06H		00084	590SM	03C- 0.90	0.66		0	13	P 2
62	15		H	07H-VS3	07H-VS3		00508	580RP	07H+ 10.01	1.81	120	0	SVI	1
66	15	1	C	TEC-TEH	TEC-TEH		00031	610UL	08H- 2.71	0.77		0	16	P 2
3	16	2	C	TEC-07H	TEC-06H		00084	590SM	02C- 0.48	0.77		0	13	P 2
66	17	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H- 1.30	2.84		0	34	P 2
			C	TEC-TEH	TEC-TEH		00032	610UL	08H+ 0.93	3.27		0	36	P 2
70	17	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H+ 0.60	2.20		0	29	P 2
72	17	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H+ 0.84	1.45		0	22	P 2
80	17	2	C	TEC-TEH	TEC-TEH		00032	610UL	VS3- 0.80	0.90		0	15	P 2
65	18	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H+ 0.00	0.78		0	14	P 2
67	18	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H- 0.80	0.58		0	10	P 2
73	18	2	C	TEC-TEH	TEC-TEH		00032	610UL	VS3+ 0.74	0.75		0	13	P 2
87	18	1	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.37	0.85		0	14	P 2
66	19	1	C	TEC-TEH	TEC-TEH		00032	610UL	08H- 1.00	0.92		0	15	P 2
70	19	2	C	TEC-TEH	TEC-TEH		00032	610UL	VS3- 0.86	0.56		0	10	P 2
72	19	2	C	TEC-TEH	TEC-TEH		00032	610UL	VS3+ 0.69	0.77		0	13	P 2
71	20	1	C	TEC-TEH	TEC-TEH		00032	610UL	07H+ 0.60	0.94		0	16	P 2
			C	TEC-TEH	TEC-TEH		00032	610UL	08H+ 0.83	1.24		0	19	P 2
50	21	2	C	TEC-TEH	TEC-TEH		00036	610UL	VS4- 0.78	0.66		0	8	P 2
64	21	2	C	TEC-TEH	TEC-TEH		00033	610UL	VS3- 0.97	0.53		0	10	P 2
74	21	1	C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 2.35	1.53		0	21	P 2
76	21	1	C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 2.16	1.64		0	22	P 2
86	21	2	C	TEC-TEH	TEC-TEH		00033	610UL	VS3- 0.91	3.36		0	35	P 2
			C	TEC-TEH	TEC-TEH		00033	610UL	VS3+ 0.85	0.95		0	14	P 2
73	22	1	C	TEC-TEH	TEC-TEH		00033	610UL	08H+ 0.77	0.77		0	12	P 2
81	22	1	C	TEC-TEH	TEC-TEH		00033	610UL	08H+ 0.57	0.87		0	13	P 2
93	22	2	C	TEC-TEH	TEC-TEH		00033	610UL	VS3- 0.80	1.10		0	16	P 2
97	22	2	C	TEC-TEH	TEC-TEH		00033	610UL	03C- 0.83	0.95		0	14	P 2
50	23	2	C	TEC-TEH	TEC-TEH		00037	610UL	VS4- 1.02	0.86		0	17	P 2
60	23	1	C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 1.98	0.95		0	14	P 2
62	23	1	C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 1.97	1.39		0	19	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
66	23	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H- 1.19	0.83		0	12	P 2
			C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.76	1.08		0	15	P 2
72	23	2	C	TEC-TEH	TEC-TEH		00033	61OUL	VS3+ 0.83	1.31		0	18	P 2
86	23	2	C	TEC-TEH	TEC-TEH		00033	61OUL	VS3- 0.89	0.83		0	12	P 2
			C	TEC-TEH	TEC-TEH		00033	61OUL	VS3+ 0.89	0.81		0	12	P 2
			C	TEC-TEH	TEC-TEH		00033	61OUL	VS5+ 0.69	0.48		0	7	P 2
90	23	2	C	TEC-TEH	TEC-TEH		00033	61OUL	VS2+ 0.60	1.08		0	15	P 2
3	24	2	C	TEC-07H	TEC-06H		00085	590SM	04C- 0.92	0.63		0	12	P 2
			C	TEC-07H	TEC-06H		00085	590SM	03C- 0.75	0.80		0	14	P 2
39	24	2	C	TEC-TEH	TEC-TEH		00037	61OUL	VS4- 0.83	0.47		0	10	P 2
73	24	2	C	TEC-TEH	TEC-TEH		00033	61OUL	VS5- 0.72	1.24		0	17	P 2
81	24	2	C	TEC-TEH	TEC-TEH		00033	61OUL	VS3- 0.83	0.60		0	9	P 2
87	24	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.82	0.60		0	9	P 2
60	25	1	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 2.10	0.54		0	8	P 2
64	25	1	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1- 2.00	0.64		0	10	P 2
66	25	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.97	1.64		0	22	P 2
84	25		C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.88	0.30		0	5	
106	25	1	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.87	2.07		0	26	P 2
3	26	2	C	TEC-07H	TEC-06H		00085	590SM	04C- 0.87	0.90		0	15	P 2
			C	TEC-07H	TEC-06H		00085	590SM	02C+ 0.17	1.17		0	19	P 2
59	26	1,2	C	TEC-TEH	TEC-TEH		00037	61OUL	BW1+ 1.70	1.43		0	25	P 2
			C	TEC-TEH	TEC-TEH		00037	61OUL	VS3- 0.85	0.56		0	12	P 2
65	26	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.98	1.64		0	22	P 2
77	26	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.92	1.28		0	18	P 2
79	26	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.91	0.99		0	14	P 2
87	26	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.64	1.16		0	16	P 2
89	26		C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.96	1.19		0	20	P 2
			C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.97	1.10		0	19	P 2
91	26	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 0.80	0.70		0	11	P 2
68	27	1	C	TEC-TEH	TEC-TEH		00033	61OUL	08H- 1.03	1.68		0	22	P 2
72	27	2	C	TEC-TEH	TEC-TEH		00034	61OUL	VS3+ 0.51	5.52		0	46	P 2
76	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.94	1.15		0	18	P 2
78	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.97	1.45		0	21	P 2
88	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.89	3.17		0	35	P 2
90	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.78	0.68		0	11	P 2
92	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 2.03	0.66		0	11	P 2
100	27	1,3	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 2.09	0.87		0	14	P 2
102	27	1,3	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 2.03	1.19		0	18	P 2
104	27	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1:55	1.13		0	17	P 2
45	28	2	C	TEC-TEH	TEC-TEH		00037	61OUL	VS4+ 0:74	1.28		0	23	P 2
53	28	1	C	TEC-TEH	TEC-TEH		00037	61OUL	BW1+ 2.12	0.76		0	14	P 2
59	28	1	C	TEC-TEH	TEC-TEH		00037	61OUL	BW1+ 1.63	0.56		0	12	P 2
67	28	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 2.01	1.19		0	18	P 2
69	28	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.92	0.81		0	13	P 2
71	28	5	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.84	128.0		0	21	P 2
73	28	2	C	TEC-TEH	TEC-TEH		00034	61OUL	VS3- 0.75	2.45		0	30	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 21
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SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
73	28	2	C	TEC-TEH	TEC-TEH		00034	61OUL	VS5-	0.83	2.15	0	28	P 2
83	28		C	TEC-TEH	TEC-TEH		00034	61OUL	BW1-	2.10	0.83	0	13	P 2
85	28		C	TEC-TEH	TEC-TEH		00034	61OUL	BW1-	2.05	0.94	0	15	P 2
91	28	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1-	2.10	0.79	0	13	P 2
93	28	1	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1-	1.96	1.30	0	19	P 2
68	29	1	C	TEC-TEH	TEC-TEH		00034	61OUL	08H+	0.88	1.04	0	16	P 2
88	29	1	C	TEC-TEH	TSC-TEH		00034	61OUL	BW1+	1.76	1.28	0	19	P 2
45	30	1,2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	1.96	1.18	0	21	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	VS4+	0.77	0.56	0	11	P 2
47	30	1	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	1.95	1.06	0	20	P 2
49	30	1,2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	1.84	0.98	0	18	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	VS4-	0.85	0.62	0	13	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	BW2-	1.61	1.20	0	25	P 2
51	30	1,2,4	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	1.70	0.90	0	17	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	VS4-	1.13	0.50	0	10	P 2
53	30	1	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	1.81	0.52	0	11	P 2
89	30	1	C	TEC-TEH	TEC-TEH		00078	61OUL	BW1+	1.89	1.62	0	26	P 2
99	30	5	C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.00	0.74	0	18	P 2
101	30	1	C	TEC-TEH	TEC-TEH		00129	61OUC	08H+	0.65	0.13	0	3	P 2
			C	TEC-TEH	TEC-TEH		00129	61OUC	BW1-	2.61	0.59	0	15	P 2
			C	TEC-TEH	TEC-TEH		00031	61OUL	BW1-	2.17	0.79	0	16	P 2
103	30	1	C	TEC-TEH	TEC-TEH		00031	61OUL	BW1-	2.07	0.56	0	12	P 2
			C	TEC-TEH	TEC-TEH		00128	61OUC	BW1-	1.84	0.32	0	10	P 2
107	30	1	C	TEC-TEH	TEC-TEH		00128	61OUC	BW1-	1.99	0.36	0	10	P 2
			C	TEC-TEH	TEC-TEH		00128	61OUC	BW1+	1.96	0.38	0	10	P 2
109	30	1	C	TEC-TEH	TEC-TEH		00128	61OUC	BW1+	1.82	0.58	0	15	P 2
50	31	1,2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+	2.00	0.96	0	18	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	VS4-	1.01	1.18	0	25	P 2
66	31	1	C	TEC-TEH	TEC-TEH		00049	61OUL	08H-	1.07	1.00	0	19	P 2
76	31	1	C	TEC-TEH	TEC-TEH		00048	61OUL	08H+	0.93	2.10	0	29	P 2
78	31	2	C	TEC-TEH	TEC-TEH		00048	61OUL	VS3-	0.67	0.78	0	19	P 2
82	31	2	C	TEC-TEH	TEC-TEH		00048	61OUL	VS3-	0.76	1.42	0	24	P 2
88	31	1	C	TEC-TEH	TEC-TEH		00078	61OUL	BW1+	1.97	0.98	0	18	P 2
92	31	5	C	TEC-TEH	TEC-TEH		00128	61OUC	BW1-	1.86	0.36	0	10	P 2
94	31	5	C	TEC-TEH	TEC-TEH		00128	61OUC	BW1-	1.99	0.24	0	7	P 2
96	31	2	C	TEC-TEH	TEC-TEH		00031	61OUL	VS2+	0.74	0.54	0	10	P 2
			C	TEC-TEH	TEC-TEH		00128	61OUC	VS2+	0.75	0.28	0	8	P 2
98	31	1	C	TEC-TEH	TEC-TEH		00128	61OUC	BW1+	2.16	0.66	0	17	P 2
			C	TEC-TEH	TEC-TEH		00031	61OUL	BW1+	2.28	0.64	0	14	P 2
108	31	1	H	01H-01H	01H-01H		00079	61ORP	01H-	2.20	7.21	32	SVI	4
53	32	1,2	C	TEC-TEH	TEC-TEH		00048	61OUL	VS4-	0.87	0.78	0	19	P 2
65	32	1,2	C	TEC-TEH	TEC-TEH		00049	61OUL	08H-	1.17	2.05	0	30	P 2
			C	TEC-TEH	TEC-TEH		00049	61OUL	VS3-	0.79	5.64	0	47	P 2
77	32	1	H	TEH-TEC	TEH-TEC		00049	61OUL	08H-	0.22	0.90	0	18	P 2
			C	TEC-TEH	TEC-TEH		00049	61OUL	08H+	0.65	0.52	0	11	P 2
79	32	1	C	TEC-TEH	TEC-TEH		00049	61OUL	08H+	0.49	2.47	0	33	P 2

CUMULATIVE REPORT
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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
83	32	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.73	1.26		0	22	P 2
			C	TEC-TEH	TEC-TEH		00049	610UL	VS3+ 0.68	2.55		0	34	P 2
			C	TEC-TEH	TEC-TEH		00049	610UL	VS5- 0.59	1.00		0	19	P 2
87	32	1	C	TEC-TEH	TEC-TEH		00049	610UL	BW1+ 1.69	1.47		0	25	P 2
91	32	5	C	TEC-TEH	TEC-TEH		00128	610UC	08H- 0.22	0.55		0	14	P 2
			C	TEC-TEH	TEC-TEH		00128	610UC	08H+ 0.63	0.79		0	19	P 2
111	32	3	C	TEC-TEH	TEC-TEH		00128	610UC	BW1+ 2.10	0.45		0	12	P 2
			C	TEC-TEH	TEC-TEH		00128	610UC	BW2+ 1.55	0.51		0	14	P 2
113	32	3	C	TEC-TEH	TEC-TEH		00031	610UL	BW1+ 2.12	0.54		0	12	P 2
			C	TEC-TEH	TEC-TEH		00128	610UC	BW1+ 2.12	0.39		0	11	P 2
115	32	1	C	TEC-TEH	TEC-TEH		00128	610UC	BW1+ 1.98	0.44		0	12	P 2
			C	TEC-TEH	TEC-TEH		00031	610UL	BW1+ 2.30	0.52		0	12	P 2
66	33	1	C	TEC-TEH	TEC-TEH		00049	610UL	08H- 0.96	1.18		0	21	P 2
78	33	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.42	1.24		0		
88	33	1	C	TEC-TEH	TEC-TEH		00049	610UL	BW1+ 2.40	0.98		0		
90	33	1	C	TEC-TEH	TEC-TEH		00128	610UC	08H+ 0.69	0.41		0	11	P 2
			C	TEC-TEH	TEC-TEH		00031	610UL	08H+ 0.81	0.75		0	16	P 2
92	33	5	C	TEC-TEH	TEC-TEH		00031	610UL	BW1- 2.51	0.29		0	7	P 2
			C	TEC-TEH	TEC-TEH		00128	610UC	BW1- 2.51	0.23		0	6	P 2
100	33	1	C	TEC-TEH	TEC-TEH		00128	610UC	BW1+ 1.86	0.41		0	11	P 2
108	33	1,2	C	TEC-TEH	TEC-TEH		00031	610UL	VS2- 0.88	0.35		0	8	P 2
			C	TEC-TEH	TEC-TEH		00128	610UC	VS2- 0.66	0.31		0	9	P 2
110	33	1	C	TEC-TEH	TEC-TEH		00128	610UC	BW1- 1.94	0.31		0	9	P 2
116	33	1	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 0.81	1.07		0	26	P 2
25	34	2	C	TEC-TEH	TEC-TEH		00043	610UL	VS4+ 0.44	1.15		0	21	P 2
53	34	2	C	TEC-TEH	TEC-TEH		00048	610UL	VS3+ 0.84	1.38		0	25	P 2
83	34	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.51	0.64		0	13	P 2
			C	TEC-TEH	TEC-TEH		00049	610UL	VS3+ 0.85	1.18		0	21	P 2
99	34	5	C	TEC-TEH	TEC-TEH		00031	610UL	08H+ 0.70	0.54		0	12	P 2
101	34	1	C	TEC-TEH	TEC-TEH		00129	610UC	BW1+ 1.73	0.44		0	8	P 2
115	34	1,3	C	TEC-TEH	TEC-TEH		00129	610UC	BW1+ 2.00	0.54		0	14	P 2
			C	TEC-TEH	TEC-TEH		00030	610UL	BW1+ 2.28	1.15		0	27	P 2
117	34	1	C	TEC-TEH	TEC-TEH		00000	610UL	BW1- 1.71	0.45		0	15	P 2
58	35		H	07H-VS3	07H-VS3		00587	58ORP	07H+ 0.87	0.55		0	SVI	P 1
			C	TEC-TEH	TEC-TEH		00048	610UL	07H+ 0.93	0.37		0	10	P 2
76	35	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3+ 0.70	1.53		0	25	P 2
82	35	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.94	0.72		0	15	P 2
100	35	1	C	TEC-TEH	TEC-TEH		00030	610UL	BW1+ 1.62	0.46		0	14	P 2
			C	TEC-TEH	TEC-TEH		00129	610UC	BW1+ 2.56	0.64		0	13	P 2
104	35	1	C	TEC-TEH	TEC-TEH		00129	610UC	BW1+ 2.07	0.56		0	12	P 2
116	35	1	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.86	6.26		0	49	P 2
118	35	1,5	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 2.13	3.93		0	44	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	BW1- 2.31	1.46		0	24	P 2
73	36	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.61	0.66		0	14	P 2
75	36	1	C	TEC-TEH	TEC-TEH		00049	610UL	08H+ 0.71	3.85		0	41	P 2
77	36	2	C	TEC-TEH	TEC-TEH		00049	610UL	VS3- 0.47	1.35		0	23	P 2



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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			CH
				PROGRAM	ACTUAL							MIL	DEG	%	
83	36	1	C	TEC-TEH	TEC-TEH		00049	61OUL	08H+	0.70	1.10	0	20	P 2	
.87	36	1	C	TEC-TEH	TEC-TEH		00049	61OUL	08H+	0.65	0.90	0	18	P 2	
99	36	1,5	C	TEC-TEH	TEC-TEH		00129	61OUC	08H+	0.80	1.23	0	26	P 2	
			C	TEC-TEH	TEC-TEH		00030	61OUL	08H+	0.83	1.56	0	31	P 2	
			C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.33	0.51	0	14	P 2	
101	36	1	C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.02	0.38	0	8	P 2	
			C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+	2.21	0.18	0	6	P 2	
103	36	1	C	TEC-TEH	TEC-TEH		00129	61OUC	08H+	0.76	0.79	0	19	P 2	
			C	TEC-TEH	TEC-TEH		00030	61OUL	08H+	0.91	1.21	0	27	P 2	
111	36	3	C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.37	0.30	0	8	P 2	
117	36	1	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+	0.88	6.84	0	51	P 2	
			C	TEC-TEH	TEC-TEH		00000	61OUL	BW1-	1.71	1.40	0	23	P 2	
88	37	1	C	TEC-TEH	TEC-TEH		00049	61OUL	08H-	0.03	1.00	0	19	P 2	
100	37	1	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+	1.65	0.59	0	7	P 2	
			C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.16	0.24	0	7	P 2	
118	37	1	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+	0.70	1.88	0	35	P 2	
			C	TEC-TEH	TEC-TEH		00000	61OUL	09H+	1.56	0.85	0	23	P 2	
			C	TEC-TEH	TEC-TEH		00000	61OUL	BW1-	2.13	0.36	0	8	P 2	
79	38	1	C	TEC-TEH	TEC-TEH		00050	61OUL	08H-	0.84	0.47	0	10	P 2	
81	38	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+	0.70	0.53	0	11	P 2	
85	38	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+	0.79	0.77	0	15	P 2	
97	38	1,2	C	TEC-TEH	TEC-TEH		00030	61OUL	VS2-	0.84	0.86	0	22	P 2	
101	38	1	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+	1.83	0.82	0	22	P 2	
			C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	2.01	0.83	0	16	P 2	
103	38	1	H	08H-LB1	08H-LB1		00075	61ORP	08H+	2.47	0.82	97	SVI	P 1	
			C	TEC-TEH	TEC-TEH		00129	61OUC	08H+	2.81	0.57	149	21	1	
105	38	1,5	H	BW1-VS2	BW1-VS2		00298	58ORP	BW1+	3.91	3.26	0	SVI	P 1	
			C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+	4.43	3.14	118	45	1	
107	38	1,5	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+	4.92	0.84	0	22	P 2	
109	38	1	C	TEC-TEH	TEC-TEH		00030	61OUL	VS2+	0.53	0.60	0	11	P 2	
			C	TEC-TEH	TEC-TEH		00129	61OUC	VS2+	0.75	0.54	0	11	P 2	
113	38	3,5	C	TEC-TEH	TEC-TEH		00030	61OUL	VS2+	0.61	0.70	0	12	P 2	
			C	TEC-TEH	TEC-TEH		00129	61OUC	VS2+	0.90	0.73	0	15	P 2	
117	38	1	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+	0.89	3.79	0	44	P 2	
			C	TEC-TEH	TEC-TEH		00000	61OUL	BW1-	2.57	1.01	0	25	P 2	
119	38	3	C	TEC-TEH	TEC-TEH		00006	61OUL	09H-	0.94	0.78	0	15	P 2	
72	39	1	C	TEC-TEH	TEC-TEH		00050	61OUL	08H+	0.94	1.05	0	19	P 2	
76	39	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3-	0.84	1.80	0	28	P 2	
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+	0.79	1.84	0	31	P 2	
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS5-	0.67	2.13	0	33	P 2	
84	39	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3-	0.98	0.75	0	15	P 2	
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+	0.84	1.32	0	23	P 2	
96	39	2	C	TEC-TEH	TEC-TEH		00030	61OUL	VS2+	0.79	6.30	0	48	P 2	
124	39	5	C	TEC-TEH	TEC-TEH		00002	61OUL	09H+	0.63	0.87	0	16	P 2	
1	40	1,2	C	TEC-07H	TEC-06H		00085	59OSM	BW1-	0.17	0.59	0	11	P 2	
55	40		H	07H-VS3	07H-VS3		00579	58ORP	07H+	24.29	0.92	0	SVI	1	

CONAM NUCLEAR, INC.



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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
71	40	2,4	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.79	0.63		0	13	P 2
81	40	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.90	2.07		0	34	P 2
85	40	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.93	0.71		0	14	P 2
93	40	5	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+ 2.35	0.70		0	12	P 2
95	40	1,5	C	TEC-TEH	TEC-TEH		00030	61OUL	07H- 0.96	2.09		0	36	P 2
			C	TEC-TEH	TEC-TEH		00129	61OUC	07H- 0.85	1.55		0	31	P 2
99	40	1	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+ 1.72	0.38		0	12	P 2
117	40	1	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 0.93	0.62		0	13	P 2
123	40	1	C	TEC-TEH	TEC-TEH		00002	61OUL	BW1+ 2.09	0.73		0	14	P 2
127	40	1	C	TEC-TEH	TEC-TEH		00002	61OUL	BW1- 1.85	0.67		0	11	P 2
2	41	1,2	C	TEC-07H	TEC-06H		00085	590SM	BW1+ 0.35	0.77		0	14	P 2
62	41	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+ 0.79	0.95		0	18	P 2
64	41	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.73	1.19		0	25	P 2
68	41		H	04H-05H	04H-05H		00422	61ORP	04H+ 23.25	0.39		125	SVI	1
74	41	1	C	TEC-TEH	TEC-TEH		00050	61OUL	BW1+ 2.17	0.59		0	14	P 2
82	41	1	C	TEC-TEH	TEC-TEH		00050	61OUL	08H+ 0.82	0.67		0	13	P 2
86	41	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.84	1.80		0	30	P 2
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+ 0.67	1.19		0	24	P 2
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS5- 0.96	1.00		0	21	P 2
88	41	1	C	TEC-TEH	TEC-TEH		00050	61OUL	BW1+ 2.01	0.84		0	19	P 2
104	41	5	H	BW1-VS2	BW1-VS2		00720	580RP	BW1+ 4.67to+ 4.93	1.01		26	SAI	P 1
112	41	3	C	TEC-TEH	TEC-TEH		00129	61OUC	BW1+ 2.25	0.69		0	14	P 2
114	41	3	C	TEC-TEH	TEC-TEH		00030	61OUL	BW1+ 1.93	0.34		0	6	P 2
124	41	1,5	C	TEC-TEH	TEC-TEH		00002	61OUL	09H+ 0.89	1.03		0	16	P 2
126	41	1	C	TEC-TEH	TEC-TEH		00002	61OUL	09H+ 0.87	0.71		0	12	P 2
47	42	2	C	TEC-TEH	TEC-TEH		00045	61OUL	VS4+ 0.95	1.07		0	20	P 2
61	42	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.82	0.98		0	21	P 2
63	42	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.68	0.86		0	19	P 2
81	42	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.96	0.55		0	11	P 2
83	42	1	C	TEC-TEH	TEC-TEH		00050	61OUL	BW1+ 2.01	1.19		0	24	P 2
99	42	2	C	TEC-TEH	TEC-TEH		00029	61OUL	VS2- 0.69	1.41		0	25	P 2
			C	TEC-TEH	TEC-TEH		00029	61OUL	VS3- 0.52	0.80		0	17	P 2
109	42	3	H	08H-BW1	08H-BW1		00195	61ORP	08H+ 34.35to+ 41.31	0.46		0	SAI	1
			H	BW1-VS2	BW1-VS2		00720	580RP	BW1+ 3.73to+ 4.22	0.79		78	SAI	P 1
115	42	3	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 2.20	1.09		0	21	P 2
123	42	2,3	C	TEC-TEH	TEC-TEH		00002	61OUL	VS2- 0.38	0.93		0	17	P 2
44	43	2	C	TEC-TEH	TEC-TEH		00045	61OUL	VS4- 0.83	1.62		0	26	P 2
60	43	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.76	1.11		0	23	P 2
62	43	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.91	0.92		0	20	P 2
84	43	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.76	0.59		0	14	P 2
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+ 1.01	1.25		0	24	P 2
86	43	2	C	TEC-TEH	TEC-TEH		00050	61OUL	VS3- 0.65	2.11		0	33	P 2
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS3+ 0.79	3.56		0	41	P 2
			C	TEC-TEH	TEC-TEH		00050	61OUL	VS5- 0.81	1.95		0	31	P 2
88	43		C	TEC-TEH	TEC-TEH		00050	61OUL	BW1+ 2.52	1.64		0	29	P 2
104	43	5	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 2.58	0.88		0	18	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION			CURRENT				
				PROGRAM	ACTUAL							VOLTS	MIL	DEG	%	CH
104	43	5	H	07H-VS3	07H-VS3		00742	580BC	BW1+	3.76TO+	4.74	1.46		67	SAI	P 1
124	43	2,3	H	VS1-VS1	VS1-VS1		00127	580RP	VS1-	0.94TO-	1.20	0.98		77	SAI	P 1
			C	TEC-TEH	TEC-TEH		00003	610UL	VS1-	0.91		4.09		110	41	P 4
126	43	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H-	0.46		0.58		0	12	P 2
			C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.77		0.76		0	19	P 2
128	43	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.70		0.64		0	13	P 2
45	44	2	C	TEC-TEH	TEC-TEH		00045	610UL	VS4-	0.66		0.97		0	18	P 2
47	44	2	C	TEC-TEH	TEC-TEH		00045	610UL	VS4-	0.71		0.49		0	10	P 2
63	44	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.88		0.87		0	17	P 2
79	44	1	C	TEC-TEH	TEC-TEH		00050	610UL	08H+	0.57		2.19		0	33	P 2
81	44	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.96		1.49		0	27	P 2
83	44	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.76		1.41		0	26	P 2
85	44	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.99		0.72		0	18	P 2
101	44	1	C	TEC-TEH	TEC-TEH		00029	610UL	08H-	0.93		0.69		0	15	P 2
70	45	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.51		1.11		0	23	P 2
72	45	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.48		1.68		0	29	P 2
106	45	5	H	BW1-BW1	BW1-BW1		00295	610RP	BW1-	0.77TO-	0.39	0.37		71	SAI	P 1
			C	TEC-TEH	TEC-TEH		00029	610UL	BW1+	2.02		0.52		0	12	P 2
			H	07H-VS3	07H-VS3		00742	580BC	BW1+	2.74TO+	3.90	0.88		87	SAI	P 1
116	45	1,2	C	07C-08C	07C-08C		00100	610RP	07C+	38.35		1.81		75	SVI	4
124	45	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.91		1.12		0	24	P 2
128	45	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H-	0.85		0.56		0	12	P 2
			C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.21		0.53		0	11	P 2
			C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.68		0.47		0	10	P 2
132	45	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H+	0.88		0.54		0	15	P 2
134	45	2	C	TEC-TEH	TEC-TEH		00003	610UL	BW2+	1.86		1.03		0	19	P 2
61	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.75		0.81		0	16	P 2
63	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.72		0.53		0	14	P 2
71	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.79		0.47		0	12	P 2
73	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.59		0.74		0	17	P 2
79	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.71		1.11		0	23	P 2
81	46	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.94		0.67		0	13	P 2
97	46	5	C	TEC-TEH	TEC-TEH		00129	610UC	BW1+	0.66		0.08		0	1	P 1
			C	TEC-TEH	TEC-TEH		00028	610UL	BW1+	0.68		0.76		0	16	P 2
115	46	2,3	C	TEC-TEH	TEC-TEH		00028	610UL	VS6-	0.83		1.21		0	20	P 2
127	46	1	C	TEC-TEH	TEC-TEH		00003	610UL	09H-	1.09		0.56		0	15	P 2
131	46	1,2	H	BW1-VS1	BW1-VS1		00127	580RP	BW1+	18.81TO+	19.22	3.27		19	SAI	P 1
135	46	1	C	TEC-TEH	TEC-TEH		00003	610UL	BW1+	1.46		2.12		0	34	P 2
60	47	2	C	TEC-TEH	TEC-TEH		00051	610UL	VS3-	0.71		0.80		0	16	P 2
70	47	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.60		1.06		0	22	P 2
74	47	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.62		0.86		0	19	P 2
78	47	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.70		0.90		0	20	P 2
			C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.54		0.78		0	18	P 2
82	47	2	C	TEC-TEH	TEC-TEH		00050	610UL	VS3-	0.60		0.83		0	16	P 2
			C	TEC-TEH	TEC-TEH		00050	610UL	VS3+	0.71		0.85		0	16	P 2
96	47	5	C	TEC-TEH	TEC-TEH		00028	610UL	BW1+	1.79		0.86		0	17	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
98	47	2,5	C	TEC-TEH	TEC-TEH		00028	61OUL	VS2- 0.70	0.62		0	12	P 2
			C	TEC-TEH	TEC-TEH		00028	61OUL	VS3- 0.84	1.17		0	20	P 2
			C	TEC-TEH	TEC-TEH		00028	61OUL	VS3+ 0.95	2.15		0	30	P 2
128	47	1	C	TEC-TEH	TEC-TEH		00003	61OUL	09H- 1.02	0.52		0	14	P 2
130	47	1	C	TEC-TEH	TEC-TEH		00003	61OUL	01H- 0.18	0.73	145	0	2	P 1
132	47	1	C	TEC-TEH	TEC-TEH		00003	61OUL	09H- 0.95	0.76		0	19	P 2
41	48	2	C	TEC-TEH	TEC-TEH		00045	61OUL	VS4- 0.80	0.48		0	11	P 2
45	48	2	C	TEC-TEH	TEC-TEH		00045	61OUL	VS4- 0.77	0.86		0	17	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	VS4+ 0.74	1.21		0	22	P 2
65	48	1	C	TEC-TEH	TEC-TEH		00051	61OUL	08H- 1.14	0.97		0	18	P 2
69	48	2	C	TEC-TEH	TEC-TEH		00051	61OUL	VS3- 0.87	1.38		0	24	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	VS5- 0.70	1.11		0	21	P 2
71	48	2	C	TEC-TEH	TEC-TEH		00051	61OUL	VS3- 0.72	0.70		0	14	P 2
73	48	2	C	TEC-TEH	TEC-TEH		00051	61OUL	VS3+ 0.50	0.74		0	15	P 2
75	48	2	C	TEC-TEH	TEC-TEH		00051	61OUL	VS3+ 0.61	1.87		0	29	P 2
79	48	1	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 2.23	0.93		0	18	P 2
97	48	2,5	C	TEC-TEH	TEC-TEH		00028	61OUL	VS3- 0.98	0.81		0	15	P 2
			C	TEC-TEH	TEC-TEH		00028	61OUL	VS5- 0.84	0.68		0	13	P 2
99	48	5	C	TEC-TEH	TEC-TEH		00028	61OUL	BW1+ 2.29	2.43		0	32	P 2
52	49	3	C	TEC-TEH	TEC-TEH		00045	61OUL	BW1+ 1.88	0.70		0	15	P 2
62	49	1	C	TEC-TEH	TEC-TEH		00078	61OUL	BW1+ 1.98	0.98		0	18	P 2
66	49	1	C	TEC-TEH	TEC-TEH		00051	61OUL	08H+ 0.81	1.34		0	23	P 2
68	49	1,2	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 1.88	0.82		0	17	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	VS3+ 0.70	1.36		0	24	P 2
74	49	1,2	C	TEC-TEH	TEC-TEH		00051	61OUL	08H+ 0.88	1.38		0	23	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	VS3- 0.39	3.15		0	38	P 2
76	49	2	C	TEC-TEH	TEC-TEH		00051	61OUL	VS3- 0.67	0.68		0	14	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	VS3+ 0.36	0.93		0	18	P 2
1	50	1,2	C	TEC-07H	TEC-07H		00085	59OSM	BW1+ 0.00	0.73		0	13	P 2
43	50	2	C	TEC-TEH	TEC-TEH		00058	61OUL	VS4+ 0.54	1.71		0	26	P 2
65	50		C	TEC-TEH	TEC-TEH		00051	61OUL	08H+ 0.85	1.25		0	24	P 2
67	50	1	C	TEC-TEH	TEC-TEH		00051	61OUL	08H- 0.92	0.39		0	9	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 1.95	0.88		0	17	P 2
77	50	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3- 0.76	1.34		0	24	P 2
79	50	1	C	TEC-TEH	TEC-TEH		00052	61OUL	BW1+ 1.89	1.65		0	28	P 2
97	50	5	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2+ 0.63	1.32		0	24	P 2
101	50	2,4,5	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2- 0.99	1.62		0	24	P 2
117	50	1,2	C	TEC-TEH	TEC-TEH		00001	61OUL	VS2+ 0.73	0.55		0	11	P 2
119	50	1,3	C	TEC-TEH	TEC-TEH		00006	61OUL	BW1+ 2.61	1.16		0	20	P 2
125	50	2,3	C	TEC-TEH	TEC-TEH		00003	61OUL	VS5- 0.77	0.59		0	16	P 2
64	51	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3- 0.72	1.05		0	13	P 2
68	51	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3- 0.63	0.72		0	16	P 2
72	51	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3- 0.58	0.89		0	18	P 2
76	51	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.00	0.80		0	17	P 2
88	51	1	C	TEC-TEH	TEC-TEH		00052	61OUL	08H+ 0.83	1.47		0	26	P 2
98	51	2,5	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2- 0.73	2.47		0	31	P 2



CUMULATIVE REPORT
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STEAM GENERATOR : 21
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SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
140	51	1,5	C	TEC-TEH	TEC-TEH		00003	61OUL	04H- 0.18	2.34		0	35	P 2
1	52	1	C	TEC-07H	TEC-07H		00085	590SM	BW1+ 1.69	1.32		0	21	P 2
65	52	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.95	1.50		0	26	P 2
73	52	2	C	TEC-TEH	TEC-TEH		00054	61OUL	VS3+ 0.86	0.45		0	10	P 2
79	52	1	C	TEC-TEH	TEC-TEH		00052	61OUL	08H+ 0.62	0.78		0	17	P 2
83	52	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3- 0.56	1.78		0	29	P 2
			C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.06	2.15		0	32	P 2
			C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.69	4.68		0	45	P 2
99	52	5	C	TEC-TEH	TEC-TEH		00027	61OUL	BW1+ 2.39	3.26		0	37	P 2
60	53	2	C	TEC-TEH	TEC-TEH		00054	61OUL	VS3+ 0.94	1.89		0	33	P 2
64	53	2	C	TEC-TEH	TEC-TEH		00054	61OUL	VS3- 0.80	0.67		0	18	P 2
			C	TEC-TEH	TEC-TEH		00054	61OUL	VS3+ 0.49	0.48		0	14	P 2
66	53	1	C	TEC-TEH	TEC-TEH		00052	61OUL	08H- 1.05	1.78		0	29	P 2
			C	TEC-TEH	TEC-TEH		00052	61OUL	08H+ 0.71	0.71		0	15	P 2
72	53	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.60	0.56		0	12	P 2
74	53	2	C	TEC-TEH	TEC-TEH		00079	61OUL	VS3+ 0.93	1.70		0	27	P 2
78	53	2	C	TEC-TEH	TEC-TEH		00052	61OUL	VS3+ 0.41	0.46		0	11	P 2
98	53	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS3- 0.92	0.88		0	15	P 2
69	54	1	C	TEC-TEH	TEC-TEH		00054	61OUL	08H+ 0.70	1.34		0	28	P 2
71	54	1	C	TEC-TEH	TEC-TEH		00054	61OUL	BW1+ 1.93	1.03		0	24	P 2
75	54	1,2	C	TEC-TEH	TEC-TEH		00054	61OUL	06H- 0.94	0.59		0	16	P 2
			C	TEC-TEH	TEC-TEH		00054	61OUL	VS3+ 0.58	1.43		0	29	P 2
77	54	2	C	TEC-TEH	TEC-TEH		00054	61OUL	VS3+ 0.81	0.74		0	19	P 2
81	54	1	C	TEC-TEH	TEC-TEH		00054	61OUL	08H+ 0.82	1.55		0	30	P 2
87	54	1	C	TEC-TEH	TEC-TEH		00054	61OUL	BW1+ 1.98	0.40		0	12	P 2
89	54	1	C	TEC-TEH	TEC-TEH		00054	61OUL	08H+ 0.82	1.76		0	32	P 2
97	54	1	C	TEC-TEH	TEC-TEH		00027	61OUL	08H+ 1.13	1.28		0	20	P 2
101	54	2,5	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2- 0.60	1.83		0	26	P 2
121	54	2,5	C	TEC-TEH	TEC-TEH		00003	61OUL	VS2- 0.57	1.02		0	18	P 2
			C	TEC-TEH	TEC-TEH		00003	61OUL	VS2+ 0.66	1.54		0	24	P 2
			C	TEC-TEH	TEC-TEH		00003	61OUL	VS5+ 0.96	1.04		0	18	P 2
125	54	1	C	TEC-TEH	TEC-TEH		00003	61OUL	08H+ 0.89	0.41		0	12	P 2
143	54	1,5	C	TEC-TEH	TEC-TEH		00003	61OUL	BW1+ 1.76	5.53		0	47	P 2
62	55	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS3- 1.04	0.36		0	10	P 2
66	55	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1+ 1.93	0.46		0	13	P 2
80	55	2	C	TEC-TEH	TEC-TEH		00054	61OUL	VS3- 0.94	0.46		0	13	P 2
92	55	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2+ 0.72	0.84		0	14	P 2
71	56	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS3+ 0.71	0.68		0	17	P 2
73	56	1	C	TEC-TEH	TEC-TSH		00055	61OUL	08H- 0.22	0.78		0	15	P 2
75	56	1,2	C	TEC-TEH	TEC-TEH		00055	61OUL	08H+ 0.61	0.62		0	16	P 2
			C	TEC-TEH	TEC-TEH		00055	61OUL	VS3- 0.66	2.77		0	35	P 2
			C	TEC-TEH	TEC-TEH		00055	61OUL	VS5- 0.91	0.82		0	15	P 2
79	56	1	C	TEC-TEH	TEC-TEH		00055	61OUL	08H+ 0.79	0.36		0	8	P 2
83	56	1	C	TEC-TEH	TEC-TEH		00055	61OUL	08H+ 0.86	2.41		0	32	P 2
87	56	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1+ 2.11	0.16		0	3	P 2
91	56	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS2+ 1.22	1.26		0	20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
				PROGRAM	ACTUAL							MIL	DEG	%	CH
97	56	1	H	07H-07H	07H-07H		00071	610RP	07H+	0.90	3.07		6	SVI	P 1
			C	TEC-TEH	TEC-TEH		00027	610UL	07H+	0.96	0.76	118	27		P 1
99	56	1	C	TEC-TEH	TEC-TEH		00027	610UL	BW1+	2.41	0.69	0	12		P 2
101	56	2	C	TEC-TEH	TEC-TEH		00027	610UL	VS2-	0.45	1.24	0	20		P 2
139	56	3,5	C	TEC-TEH	TEC-TEH		00004	610UL	09H+	0.92	1.34	0	22		P 2
145	56	2	C	TEC-TEH	TEC-TEH		00004	610UL	VS3-	1.14	0.88	0	16		P 2
60	57	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS5+	0.61	0.76	0	15		P 2
62	57	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3+	0.50	0.90	0	17		P 2
			C	TEC-TEH	TEC-TEH		00055	610UL	VS5-	1.53	0.28	0	6		P 2
72	57	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3+	0.55	0.96	0	18		P 2
74	57	1,2	C	TEC-TEH	TEC-TEH		00055	610UL	08H-	0.90	0.46	0	9		P 2
			C	TEC-TEH	TEC-TEH		00055	610UL	VS3+	0.73	1.08	0	19		P 2
78	57	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	1.02	1.75	0	27		P 2
80	57	1	C	TEC-TEH	TEC-TEH		00055	610UL	BW1+	1.97	0.46				
84	57	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS6-	0.91	0.42				
92	57	2	C	TEC-TEH	TEC-TEH		00027	610UL	VS2-	0.71	0.92	0	35		P 2
96	57	2	C	TEC-TEH	TEC-TEH		00027	610UL	VS3-	0.71	0.46	0	8		P 2
65	58	1	C	TEC-TEH	TEC-TEH		00055	610UL	BW1+	1.58	0.38	0	8		P 2
69	58	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.82	0.56	0	11		P 2
71	58	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.53	1.29	0	22		P 2
91	58	1	C	TEC-TEH	TEC-TEH		00026	610UL	08H+	0.00	1.11	0	17		P 2
113	58	1,5	C	TEC-TEH	TEC-TEH		00027	610UL	BW1+	2.20	0.71	0	12		P 2
117	58	1	C	TEC-TEH	TEC-TEH		00001	610UL	09H+	0.96	1.58	0	25		P 2
119	58	1,5	C	TEC-TEH	TEC-TEH		00006	610UL	09H-	0.91	1.41	0	23		P 2
60	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.63	0.92	0	17		P 2
			C	TEC-TEH	TEC-TEH		00055	610UL	VS3+	0.98	0.80	0	15		P 2
62	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.69	0.94	0	17		P 2
68	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.53	1.00	0	14		P 2
70	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.62	0.24	0	5		P 2
72	59	2	C	TEC-TEH	TEC-TEH		00079	610UL	VS3+	0.76	2.22	0	32		P 2
			C	TEC-TEH	TEC-TEH		00079	610UL	VS5-	0.03	0.84	0	16		P 2
			C	TEC-TEH	TEC-TEH		00079	610UL	VS5+	0.90	1.05	0	19		P 2
76	59	2	C	TEC-TEH	TEC-TEH		00079	610UL	VS3+	0.90	1.09	0	20		P 2
80	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.77	0.94	0	17		P 2
88	59	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.65	0.52	0	11		P 2
1	60	1	H	TEH-07H	TEH-BW1		00091	610UL	07H+	0.71	0.68	0	21		P 2
79	60	1	C	TEC-TEH	TEC-TEH		00055	610UL	08H+	1.07	0.82	0	16		P 2
97	60	1,2	C	TEC-TEH	TEC-TEH		00026	610UL	BW1+	1.64	1.31	0	20		P 2
			C	TEC-TEH	TEC-TEH		00026	610UL	VS2+	0.51	1.88	0	25		P 2
109	60	2,5	C	TEC-TEH	TEC-TEH		00026	610UL	VS2-	0.97	0.66	0	11		P 2
			C	TEC-TEH	TEC-TEH		00026	610UL	VS2+	1.05	0.89	0	14		P 2
			C	TEC-TEH	TEC-TEH		00026	610UL	VS3+	0.97	0.89	0	14		P 2
111	60	1,4	C	TEC-TEH	TEC-TEH		00026	610UL	BW1+	2.20	1.42	0	21		P 2
117	60	1	C	TEC-TEH	TEC-TEH		00001	610UL	09H+	1.06	2.60	0	35		P 2
60	61	2	C	TEC-TEH	TEC-TEH		00055	610UL	VS3+	0.54	1.18	0	18		P 2
76	61	1	C	TEC-TEH	TEC-TEH		00079	610UL	08H+	0.89	0.82	0	16		P 2



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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
92	61	2	C	TEC-TEH	TEC-TEH		00026	61OUL	VS2- 0.46	1.37		0	20	P 2
98	61	1,2	C	TEC-TEH	TEC-TEH		00026	61OUL	BW1+ 2.10	2.72		0	32	P 2
100	61	2	C	TEC-TEH	TEC-TEH		00026	61OUL	VS2- 0.93	1.06		0	17	P 2
			C	TEC-TEH	TEC-TEH		00026	61OUL	VS2+ 0.85	0.93		0	15	P 2
			C	TEC-TEH	TEC-TEH		00026	61OUL	VS3- 0.76	0.84		0	14	P 2
			C	TEC-TEH	TEC-TEH		00026	61OUL	VS5- 0.57	0.73		0	12	P 2
65	62	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1+ 2.28	1.19		0	16	P 2
83	62	1	C	TEC-TEH	TEC-TEH		00055	61OUL	08H- 0.99	0.74		0	14	P 2
111	62	5	C	TEC-TEH	TEC-TSH		00026	61OUL	BW1+ 2.02	3.10		0	35	P 2
			C	TEC-TEH	TEC-TEH		00079	61OUL	BW1+ 2.05	3.19		0	38	P 2
113	62	5	C	TEC-TEH	TEC-TEH		00026	61OUL	BW1+ 1.97	1.44		0	21	P 2
119	62	1,5	C	TEC-TEH	TEC-TEH		00006	61OUL	09H- 0.91	1.35		0	22	P 2
121	62	5	C	TEC-TEH	TEC-TEH		00004	61OUL	09H+ 0.99	1.04		0	19	P 2
66	63	1	C	TEC-TEH	TEC-TEH		00055	61OUL	08H+ 1.14	0.64		0	11	P 2
74	63	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS3- 0.62	1.33		0	20	P 2
			C	TEC-TEH	TEC-TEH		00055	61OUL	VS3+ 0.95	0.90		0	14	P 2
78	63	1,2	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1+ 2.58	0.70		0	14	P 2
98	63	5	C	TEC-TEH	TEC-TEH		00024	61OUL	VS2+ 0.86	0.76		0	11	P 2
118	63	1,2	C	TEC-TEH	TEC-TEH		00001	61OUL	VS2+ 0.07	1.01		0	18	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	VS2+ 0.78	0.86		0	17	P 2
150	63	1	C	TEC-TEH	TEC-TEH		00005	61OUL	BW1+ 1.82	1.17		0	20	P 2
43	64	2	C	TEC-TEH	TEC-TEH		00057	61OUL	VS4+ 0.81	1.49		0	22	P 2
83	64	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS5+ 0.80	1.00		0	18	P 2
97	64	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS2+ 0.76	0.63		0	13	P 2
99	64	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS2- 0.77	1.49		0	20	P 2
109	64	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS2- 0.71	2.47		0	33	P 2
			C	TEC-TEH	TEC-TEH		00024	61OUL	VS3- 0.68	1.97		0	29	P 2
117	64	1	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 0.90	0.82		0	16	P 2
76	65	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS3- 0.75	1.45		0	24	P 2
78	65	2	C	TEC-TEH	TEC-TEH		00055	61OUL	VS3+ 0.75	0.50		0	10	P 2
116	65	1	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 0.37	1.00		0	19	P 2
111	66		C	TEC-TEH	TEC-TEH		00024	61OUL	BW1+ 2.24	1.36		0	23	P 2
113	66	1,5	C	TEC-TEH	TEC-TEH		00024	61OUL	BW1+ 1.93	1.20		0	21	P 2
40	67	2	C	TEC-TEH	TEC-TEH		00057	61OUL	VS4+ 0.74	0.96		0	16	P 2
84	67	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1- 2.84	1.06		0	19	P 2
132	67	1,5	C	TEC-TEH	TEC-TEH		00005	61OUL	09H- 0.97	0.67		0	13	P 2
79	68	1	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1- 2.43	1.02		0	16	P 2
111	68	5	C	TEC-TEH	TEC-TEH		00024	61OUL	BW1+ 1.87	0.78		0	12	P 2
117	68	1	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 0.98	0.94		0	24	P 2
149	68	1	C	TEC-TEH	TEC-TEH		00006	61OUL	07H+ 0.80	0.73		0	14	P 2
25	70	1	H	02H-04H	02H-04H		00118	61ORP	02H+ 39.17	0.95		25	SVI	1
			H	02H-04H	02H-04H		00118	61ORP	03H+ 15.30	0.58		126	SVI	1
			H	02H-04H	02H-04H		00118	61ORP	03H+ 30.95	0.98		56	SVI	1
83	70	2	C	TEC-TEH	TEC-TEH		00062	61OUL	VS3- 0.50	0.75		0	17	P 2
117	70	1	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 0.13	0.96		0	18	P 2
151	70	1	C	TEC-TEH	TEC-TEH		00007	61OUL	09H+ 0.89	1.06		0	18	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
138	71	2,3	C	TEC-TEH	TEC-TEH		00020	61OUL	VS1+ 0.69	1.08		0	19	P 2
			C	TEC-TEH	TEC-TEH		00020	61OUL	VS3+ 0.75	1.69		0	26	P 2
150	71	5	C	TEC-TEH	TEC-TEH		00007	61OUL	BW1+ 1.86	0.86		0	16	P 2
154	71	1	C	TEC-TEH	TEC-TEH		00007	61OUL	BW1+ 1.86	1.71		0	26	P 2
57	72	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS3+ 0.87	0.42		0	6	P 2
111	72	3	C	TEC-TEH	TEC-TEH		00020	61OUL	BW1+ 2.05	1.16		0	21	P 2
131	72	1,5	C	TEC-TEH	TEC-TEH		00080	61OUL	O9H+ 0.74	1.71		0	27	P 2
32	73	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS4- 1.02	0.37		0	10	P 2
112	73	5	C	TEC-TEH	TEC-TEH		00020	61OUL	BW1+ 1.79	1.17		0	20	P 2
120	73	2,5	C	TEC-TEH	TEC-TEH		00080	61OUL	VS5- 1.12	0.69		0	13	P 2
			C	TEC-TEH	TEC-TEH		00080	61OUL	VS5+ 0.66	1.00		0	15	P 2
142	73	2,3	C	TEC-TEH	TEC-TEH		00007	61OUL	VS3- 0.86	0.42		0	9	P 2
154	73	1	C	TEC-TEH	TEC-TEH		00007	61OUL	O9H+ 0.90	0.69		0	13	P 2
101	74		C	TEC-TEH	TEC-TEH		00020	61OUL	BW1- 2.03	0.72		0	14	P 2
153	74	2	C	TEC-TEH	TEC-TEH		00008	61OUL	VS3+ 0.59	1.04		0	17	P 2
26	75	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS4- 0.85	0.31		0	8	P 2
86	75	2	C	TEC-TEH	TEC-TEH		00064	61OUL	VS3+ 0.71	0.81		0	17	P 2
126	75	1,5	C	TEC-TEH	TEC-TEH		00080	61OUL	O9H+ 0.96	0.80		0	15	P 2
136	75	3	C	TEC-TEH	TEC-TEH		00080	61OUL	O9H+ 0.94	0.41		0	8	P 2
148	75	3	C	TEC-TEH	TEC-TEH		00079	61OUL	BW1+ 2.37	1.85		0	29	P 2
152	75	1	C	TEC-TEH	TEC-TEH		00008	61OUL	O8H- 0.98	1.05		0	18	P 2
			C	TEC-TEH	TEC-TEH		00008	61OUL	O8H+ 0.78	1.89		0	27	P 2
154	75	2	C	TEC-TEH	TEC-TEH		00008	61OUL	VS3- 0.88	1.37		0	22	P 2
156	75	1	C	TEC-TEH	TEC-TEH		00008	61OUL	BW1+ 1.93	5.88		0	48	P 2
101	76	1	C	TEC-TEH	TEC-TEH		00020	61OUL	BW1+ 2.00	0.73		0	15	P 2
121	76	2	C	TEC-TEH	TEC-TEH		00019	61OUL	VS5- 1.00	0.97		0	17	P 2
147	76	3	H	O8H-BW1	O8H-BW1		00179	61ORP	O9H+ 25.44TO+ 26.00	0.20		0	SAI	1
149	76	1	H	O8H-BW1	O8H-BW1		00068	61ORP	O9H+ 24.92TO+ 25.33	1.27		72	SAI	P 1
112	77	1	C	TEC-TEH	TEC-TEH		00023	61OUL	BW1+ 1.93	1.23		0	17	P 2
132	77	2,5	C	TEC-TEH	TEC-TEH		00080	61OUL	VS1+ 0.54	1.73		0	27	P 2
134	77	5	C	TEC-TEH	TEC-TEH		00079	61OUL	O9H+ 0.62	1.29		0	23	P 2
156	77	1	C	TEC-TEH	TEC-TEH		00009	61OUL	BW1- 2.14	2.11		0	29	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	BW1- 2.05	1.32		0	24	P 2
83	78	2	C	TEC-TEH	TEC-TEH		00064	61OUL	VS3+ 0.70	1.45		0	26	P 2
			C	TEC-TEH	TEC-TEH		00064	61OUL	VS5+ 0.84	1.56		0	27	P 2
111	78	1	C	TEC-TEH	TEC-TEH		00023	61OUL	BW1+ 1.80	1.87		0	28	P 2
155	78	1	C	TEC-TEH	TEC-TEH		00011	61OUL	O8H+ 0.88	0.71		0	15	P 2
114	79	5	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 2.00	0.79		0	16	P 2
122	79		C	TEC-TEH	TEC-TEH		00017	61OUL	BW1+ 2.06	1.83		0	28	P 2
85	80	2	C	TEC-TEH	TEC-TEH		00064	61OUL	VS5+ 0.59	1.98		0	29	P 2
109	80	1,4	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 2.02	0.68		0	14	P 2
111	80	1	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.70	2.15		0	31	P 2
117	80	1	C	TEC-TEH	TEC-TEH		00002	61OUL	O9H- 0.78	0.86		0	14	P 2
131	80	1,5	C	TEC-TEH	TEC-TEH		00017	61OUL	O9H+ 0.86	1.58		0	26	P 2
72	81	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS3- 1.42	0.79		0	16	P 2
84	81	2	C	TEC-TEH	TEC-TEH		00065	61OUL	BW2- 2.23	0.32		0	6	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 21
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
110	81	1	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.65	1.65		0	26	P 2
126	81	1	C	TEC-TEH	TEC-TEH		00017	61OUL	09H+ 0.96	0.50		0	11	P 2
152	81	1,2	C	TEC-TEH	TEC-TEH		00011	61OUL	09H+ 0.79	0.44		0	14	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.68	0.53		0	11	P 2
45	82	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS4- 1.00	0.60		0	10	P 2
111	82	1	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.76	1.20		0	21	P 2
117	82	1	H	08H-BW1	08H-BW1		00066	61ORP	08H+ 35.32	0.78	14	122	SVI	P 1
			C	TEC-TEH	TEC-TEH		00002	61OUL	09H- 1.11	0.71		0	21	P 2
			C	TEC-TEH	TEC-TEH		00002	61OUL	09H+ 1.31	0.94		0	25	P 2
137	82	1	C	TEC-TEH	TEC-TEH		00017	61OUL	09H+ 0.70	1.73		0	28	P 2
153	82	1,2	C	TEC-TEH	TEC-TEH		00011	61OUL	09H- 1.05	0.77		0	16	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	09H+ 0.76	0.45		0	10	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	VS1+ 0.68	0.67		0	14	P 2
155	82	1	C	TEC-TEH	TEC-TEH		00011	61OUL	07H- 0.93	0.50		0	16	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.85	0.39		0	13	P 2
38	83	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS4- 0.91	0.99		0	16	P 2
40	83	2	C	TEC-TEH	TEC-TEH		00092	61OUL	VS4+ 0.82	0.95		0	16	P 2
62	83	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS3- 0.35	0.49		0	10	P 2
112	83	1	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.94	0.97		0	18	P 2
116	83	1	C	TEC-TEH	TEC-TEH		00002	61OUL	09H- 1.21	1.14		0	18	P 2
136	83	3	C	TEC-TEH	TEC-TEH		00016	61OUL	09H+ 0.62	0.75		0	15	P 2
152	83	2,3	C	TEC-TEH	TEC-TEH		00011	61OUL	VS1- 0.83	0.52		0	16	P 2
154	83	3	C	TEC-TEH	TEC-TEH		00011	61OUL	BW1- 1.67	0.28		0	5	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	BW1+ 1.93	1.95		0	23	P 2
107	84	1	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.73	1.12		0	20	P 2
115	84	5	C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 2.25	1.96		0	29	P 2
117	84	1	C	TEC-TEH	TEC-TEH		00002	61OUL	09H- 1.00	0.52		0	18	P 2
121	84	2	C	TEC-TEH	TEC-TEH		00016	61OUL	VS3+ 0.83	0.28		0	7	P 2
			C	TEC-TEH	TEC-TEH		00016	61OUL	VS5- 1.04	1.23		0	22	P 2
133	84	1,5	C	TEC-TEH	TEC-TEH		00016	61OUL	08H+ 1.05	0.52		0	11	P 2
145	84	3	H	BW1-VS1	BW1-VS1		00673	58ORP	BW1+ 4.68to+ 5.17	1.00		25	SAI	P 1
34	85	1	C	TEC-TEH	TEC-TEH		00093	61OUL	BW1- 1.79	0.84		0	24	P 2
68	85	2	C	TEC-TEH	TEC-TEH		00065	61OUL	BW2- 0.18	0.51		0	11	P 2
86	85	2	C	TEC-TEH	TEC-TEH		00065	61OUL	BW2- 0.33	0.72		0	15	P 2
112	85		C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 0.69	0.50		0	11	P 2
			C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 1.32	0.98		0	18	P 2
			C	TEC-TEH	TEC-TEH		00021	61OUL	BW1+ 2.01	2.06		0	30	P 2
116	85	1,2	C	TEC-TEH	TEC-TEH		00002	61OUL	09H- 1.28	0.71		0	14	P 2
118	85	1,2	C	TEC-TEH	TEC-TEH		00002	61OUL	VS2+ 0.52	1.48		0	24	P 2
126	85	1	C	TEC-TEH	TEC-TEH		00016	61OUL	09H- 0.84	1.94		0	29	P 2
144	85	2,3	C	TEC-TEH	TEC-TEH		00011	61OUL	VS1+ 1.00	0.61		0	13	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.91	0.85		0	18	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	VS3+ 0.82	1.87		0	30	P 2
154	85	3	C	TEC-TEH	TEC-TEH		00011	61OUL	BW1+ 1.77	1.46		0	26	P 2
156	85	2,5	C	TEC-TEH	TEC-TEH		00011	61OUL	O2C- 0.26	0.72		0	16	P 2
39	86	2	C	TEC-TEH	TEC-TEH		00093	61OUL	VS4- 0.97	2.29		0	38	P 2

CONAM NUCLEAR, INC.



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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	
103	86	2	C	TEC-TEH	TEC-TEH		00022	610UL	VS5- 0.83	0.32		0	7	P 2
105	86	1	C	TEC-TEH	TEC-TEH		00022	610UL	08H+ 0.93	1.29		0	22	P 2
117	86	1	C	TEC-TEH	TEC-TEH		00002	610UL	09H- 0.46	0.86		0	14	P 2
119	86	1,2	C	TEC-TEH	TEC-TEH		00016	610UL	09H- 0.90	0.63		0	13	P 2
			C	TEC-TEH	TEC-TEH		00016	610UL	VS3- 0.79	0.30		0	7	P 2
			C	TEC-TEH	TEC-TEH		00016	610UL	VS3+ 0.81	0.55		0	12	P 2
121	86	2	C	TEC-TEH	TEC-TEH		00016	610UL	VS5- 0.96	0.92		0	17	P 2
123	86	1	C	TEC-TEH	TEC-TEH		00016	610UL	BW1+ 2.09	1.74		0	27	P 2
127	86	1	C	TEC-TEH	TEC-TEH		00016	610UL	09H- 1.05	0.54		0	11	P 2
129	86		C	TEC-TEH	TEC-TEH		00016	610UL	09H- 0.85	0.91		0	18	P 2
153	86	2,3	C	TEC-TEH	TEC-TEH		00011	610UL	VS1- 0.94	0.87		0	18	P 2
			C	TEC-TEH	TEC-TEH		00011	610UL	VS1+ 0.67	0.59		0	13	P 2
36	87	1	C	TEC-TEH	TEC-TEH		00093	610UL	BW1- 2.11	1.38		0	31	P 2
114	87	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.10	1.84		0	28	P 2
116	87	1	C	TEC-TEH	TEC-TEH		00002	610UL	09H- 1.12	0.69		0	11	P 2
41	88	2	C	TEC-TEH	TEC-TEH		00093	610UL	05C- 0.06	0.59		0	19	P 2
107	88	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.29	1.59		0	25	P 2
106	89	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 1.78	1.13		0	16	P 2
108	89	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.00	3.13		0	37	P 2
110	89		H	BW1-VS2	BW1-VS2		00837	580BC	BW1+ 1.77 23	1.08		49	SVI	P 1
			C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.17	1.02		0	15	P 2
114	89	5	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 1.65	0.94		0	14	P 2
140	89	1	H	08H-BW1	08H-BW1		00065	610RP	09H+ 23.34to+ 23.75	2.02		89	SAI	4
154	89	1	C	TEC-TEH	TEC-TEH		00011	610UL	BW1+ 1.65	5.15		0	46	P 2
107	90		C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.09	1.71		0	27	P 2
109	90	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 1.70	1.93		0	29	P 2
111	90	1,4	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.07	2.64		0	34	P 2
113	90	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 1.93	1.31		0	22	P 2
106	91	2	C	TEC-TEH	TEC-TEH		00022	610UL	VS2- 1.03	1.33		0	23	P 2
112	91	1	C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 2.06	1.74		0	27	P 2
154	91	2,3	C	TEC-TEH	TEC-TEH		00012	610UL	VS1+ 0.88	0.63		0	13	P 2
			C	TEC-TEH	TEC-TEH		00012	610UL	VS3- 0.96	0.97		0	19	P 2
111	92	3,5	C	TEC-TEH	TEC-TEH		00022	610UL	08H+ 0.99	0.90		0	17	P 2
			C	TEC-TEH	TEC-TEH		00022	610UL	BW1+ 1.46	1.55		0	21	P 2
113	92		H	BW1-VS2	BW1-VS2		00814	580BC	BW1+ 3.39to+ 4.40	1.20		0	SAI	1
127	92		C	TEC-TEH	TEC-TEH		00016	610UL	BW1+ 1.18	0.55		0	12	P 2
137	94	3	C	TEC-TEH	TEC-TEH		00016	610UL	VS1+ 0.96	0.63		0	13	P 2
126	95	1	C	TEC-TEH	TEC-TEH		00015	610UL	09H- 0.99	2.68		0	35	P 2
			C	TEC-TEH	TEC-TEH		00015	610UL	09H+ 0.60	1.30		0	23	P 2
130	95	1,5	C	TEC-TEH	TEC-TEH		00013	610UL	BW1+ 0.99	1.33		0	23	P 2
117	96	1	C	TEC-TEH	TEC-TEH		00002	610UL	09H- 0.70	0.62		0	10	P 2
143	96	2,3	C	TEC-TEH	TEC-TEH		00013	610UL	VS3- 1.13	0.55		0	12	P 2
155	96	3	C	TEC-TEH	TEC-TEH		00013	610UL	BW1+ 1.65	2.47		0	34	P 2
159	96	1,2,4	C	TEC-TEH	TEC-TEH		00013	610UL	BW1+ 1.46	1.85		0	29	P 2
			C	TEC-TEH	TEC-TEH		00013	610UL	09C+ 0.89	0.54		0	11	P 2
116	97	1	C	TEC-TEH	TEC-TEH		00002	610UL	BW1+ 2.03	2.11		0	28	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 07/07/94
TIME: 10:44:01

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
132	97	5	C	TEC-TEH	TEC-TEH		00013	61OUL	BW1+ 1.64	0.47		0	11	P 2
134	97	1	C	TEC-TEH	TEC-TEH		00013	61OUL	09H+ 0.91	1.39		0	24	P 2
158	97	1,2,4	C	TEC-TEH	TEC-TEH		00013	61OUL	VS1- 0.83	0.86		0	18	P 2
107	98	5	H	TEH-TEC	TEH-TEC		00016	61OUL	BW1- 1.30	0.50		0	12	P 2
113	98		H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.75	1.58		0	27	P 2
117	98	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H- 0.96	0.72		0	20	P 2
129	98	1	H	TEH-TEC	TEH-TEC		00011	61OUL	09H+ 0.72	0.38		0	10	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.56	1.16		0	23	P 2
135	98	1,2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 2.06	1.68		0	29	P 2
149	98	3	H	08H-BW1	08H-BW1		00163	61ORP	BW1+ 1.07TO+ 1.26	0.38		29	SAI	P 1
151	98	1	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.74	0.60		0	20	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.74	0.60		0	15	P 2
78	99	2	C	TEC-TEH	TEC-TEH		00075	61OUL	VS5- 0.66	0.50		0	10	P 2
106	99	5	H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.06	0.71		0	16	P 2
110	99	1	H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.57	2.18		0	33	P 2
122	99	5	H	TEH-TEC	TEH-TEC		00011	61OUL	VS1- 0.44	0.31		0	9	P 2
132	99	1,5	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.34	0.36		0	14	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.77	0.56		0	14	P 2
136	99	1	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.94	1.72		0	34	P 2
138	99	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	VS1- 0.75	0.51		0	17	P 2
148	99	3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.90	0.83		0	19	P 2
150	99	3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.68	0.78		0	18	P 2
152	99	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.5	0.50		0	13	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.73	1.57		0	28	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	VS3+ 0.74	0.61		0	15	P 2
154	99	3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.53	0.61		0	15	P 2
156	99	5	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.84	0.75		0	17	P 2
107	100		H	BW1-VS2	BW1-VS2		00832	580BC	BW1+ 2.32	1.39		160	SVI	P 1
109	100	3	H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.45	0.82		0	18	P 2
117	100	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 0.58	0.71		0	18	P 2
125	100		H	TEH-TEC	TEH-TEC		00011	61OUL	09H- 0.88	0.42		0	11	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	09H+ 0.77	0.39		0	11	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 0.96	0.39		0	11	P 2
149	100	1	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.46	0.75		0	17	P 2
153	100	3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.47	1.17		0	24	P 2
110	101	1	H	TEH-TEC	TEH-TEC		00015	61OUL	BW1+ 2.19	1.15		0	29	P 2
150	101	1	H	TEH-TEC	TEH-TEC		00011	61OUL	07H+ 0.68	0.75		0	17	P 2
152	101	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	VS1+ 1.02	0.76		0	23	P 2
158	101	1	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.91	2.13		0	37	P 2
108	103		H	TEH-TEC	TEH-TEC		00015	61OUL	VS2- 0.77	0.93		0	19	P 2
132	103	2,5	H	TEH-TEC	TEH-TEC		00012	61OUL	VS1+ 1.35	0.74		0	22	P 2
41	104	2	C	TEC-TEH	TEC-TEH		00069	61OUL	VS4- 0.84	1.77		0	28	P 2
63	104		H	07H-BW1	07H-BW1		00367	61ORP	07H+ 44.25	0.40		0	SVI	P 1
111	104	5	H	TEH-TEC	TEH-TEC		00015	61OUL	BW1+ 1.15	1.15		0	29	P 2
			H	TEH-TEC	TEH-TEC		00015	61OUL	BW1+ 1.54	0.71		0	22	P 2
131	104	1,5	H	TEH-TEC	TEH-TEC		00012	61OUL	09H+ 0.62	0.83		0	24	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 07/07/94
TIME: 10:44:01

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION			CURRENT				
				PROGRAM	ACTUAL				VOLTS	MIL	DEG	%	CH			
141	104	3	H	BW1-VS3	BW1-VS3		00643	580RP	BW1+	3.10TO+	3.41	0.91		107	SAI	1
145	104	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	09C+	0.89		0.84		0	24	P 2
151	104	1	H	TEH-TEC	TEH-TEC		00010	610UL	09H+	0.93		0.75		0	23	P 2
159	104	1,2	H	TEH-TEC	TEH-TEC		00010	610UL	BW1+	1.74		4.15		99	46	P 1
			H	TEH-TEC	TEH-TEC		00010	610UL	VS1-	1.25		0.64		0	20	P 2
136	105	2,3	H	VS3-VS3	BW1-VS3		00643	580RP	VS3+	0.64	31	1.48		0	31	P 1
			H	TEH-TEC	TEH-TEC		00012	610UL	VS3+	0.98		0.79		0	23	P 2
138	105	3	H	TEH-TEC	TEH-TEC		00012	610UL	BW1+	2.03		1.26		0	30	P 2
140	105	1	H	08H-BW1	08H-BW1		00063	610RP	BW1-	1.51TO-	1.41	2.37		218	SAI	P 1
			H	TEH-TEC	TEH-TEC		00010	610UL	BW1-	1.37		1.31		71	81	P 1
150	105	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	VS3+	0.88		0.56		0	19	P 2
154	105	3	H	BW1-VS1	BW1-VS1		00803	580BC	BW1+	31.64		0.59		139	SVI	1
106	107	5	H	TEH-TEC	TEH-TEC		00015	610UL	BW1+	1.39		0.77		0	23	P 2
110	107	1	H	TEH-TEC	TEH-TEC		00015	610UL	BW1+	1.45		0.85				
128	107	1	H	TEH-TEC	TEH-TEC		00012	610UL	BW1+	1.79		2.18				
148	107	1	H	TEH-TEC	TEH-TEC		00010	610UL	09H+	0.97		0.57		0	19	P 2
152	107	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	VS3+	1.06		0.98		0	26	P 2
154	107	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	VS3-	0.83		1.00		0	27	P 2
			H	TEH-TEC	TEH-TEC		00010	610UL	VS3+	0.95		0.69		0	21	P 2
158	107	1	H	TEH-TEC	TEH-TEC		00010	610UL	BW1+	1.56		2.14		95	54	P 1
107	108	1	H	TEH-TEC	TEH-TEC		00015	610UL	08H+	0.70		0.31		0	12	P 2
			H	TEH-TEC	TEH-TEC		00015	610UL	BW1+	1.35		0.57		0	19	P 2
115	108	1	H	TEH-TEC	TEH-TEC		00015	610UL	BW1+	1.20		0.83		0	24	P 2
143	108	3	H	TEH-TEC	TEH-TEC		00010	610UL	VS1-	0.74		0.74		0	17	P 2
116	109	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H-	1.61		0.52		0	15	P 2
140	109	3	H	TEH-TEC	TEH-TEC		00010	610UL	VS1-	0.71		0.73		0	22	P 2
150	109	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	VS1+	0.06		0.39		0	14	P 2
			H	TEH-TEC	TEH-TEC		00010	610UL	VS5+	0.85		0.56		0	19	P 2
154	109	1	H	TEH-TEC	TEH-TEC		00010	610UL	09H+	0.89		2.06		0	37	P 2
29	110	3	C	TEC-TEH	TEC-TEH		00069	610UL	BW1-	1.99		1.08		0	19	P 2
77	110	2	C	TEC-TEH	TEC-TEH		00073	610UL	VS5+	1.07		0.62		0	16	P 2
107	110	1,2	H	TEH-TEC	TEH-TEC		00086	610UL	BW1+	1.63		0.72		0	18	P 2
111	110	4	H	TEH-TEC	TEH-TEC		00015	610UL	08H-	0.20		0.27		0	11	P 2
117	110	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H+	1.13		0.70		0	18	P 2
129	110	1,5	H	TEH-TEC	TEH-TEC		00012	610UL	09H+	0.88		2.73		0	41	P 2
133	110	1,5	H	TEH-TEC	TEH-TEC		00012	610UL	09H+	0.97		0.98		0	26	P 2
80	111	2	C	TEC-TEH	TEC-TEH		00073	610UL	VS3-	0.96		0.63		0	17	P 2
148	111	3,5	H	08H-LB1	08H-LB1		00153	610RP	09H+	27.83TO+	28.33	0.26		0	SAI	2
			H	08H-LB1	08H-LB1		00153	610RP	09H+	33.90TO+	34.30	0.76		38	SAI	P 2
152	111	2,3	H	TEH-TEC	TEH-TEC		00010	610UL	VS1-	0.62		1.01		0	27	P 2
			H	TEH-TEC	TEH-TEC		00010	610UL	VS1-	0.20		1.11		0	28	P 2
27	112	1	H	TEH-TSH	TEH-TSH		00111	610RP	TSH-	0.88TO-	0.53	0.65		36	MAI	P 1
			C	TEC-TEH	TEC-TEH		00069	610UL	TSH-	0.52		1.95		151	7	P 1
75	112	2	C	TEC-TEH	TEC-TEH		00073	610UL	VS5-	0.08		0.37		0	10	P 2
74	113	2	C	TEC-TEH	TEC-TEH		00073	610UL	VS5-	0.48		0.51		0	14	P 2
80	113	2	C	TEC-TEH	TEC-TEH		00073	610UL	VS3-	0.85		0.44		0	12	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 07/07/94
TIME: 10:44:01

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
80	113	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3+ 0.37	0.27		0	7	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	VS5- 0.94	1.03		0	24	P 2
82	113	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.96	0.39		0	11	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	VS3+ 0.68	1.18		0	27	P 2
116	113	1	H	TEH-TEC	TEH-TEC		00000	61OUL	08H- 0.15	0.38		0	12	P 2
73	114	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS5- 0.76	0.99		0	19	P 2
101	114	1	H	TEH-TEC	TEH-TEC		00086	61OUL	BW1+ 1.85	0.62		0	16	P 2
103	114	1	H	TEH-TEC	TEH-TEC		00086	61OUL	BW1+ 1.69	1.06		0	24	P 2
115	114	1	H	TEH-TEC	TEH-TEC		00086	61OUL	BW1+ 1.17	1.03		0	24	P 2
153	114	1	H	TEH-TEC	TEH-TEC		00009	61OUL	06H- 0.96	0.44		0	12	P 2
58	115	1	C	TEC-TEH	TEC-TEH		00070	61OUL	07H- 0.90	0.50		0	11	P 2
118	115	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.78	0.33		0	10	P 2
150	115	3,5	H	TEH-TEC	TEH-TEC		00009	61OUL	BW1+ 1.71	1.15		0	23	P 2
41	116	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS4- 0.92	0.44		0	9	P 2
117	116	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.16	3.26		0	41	P 2
119	116	5	H	TEH-TEC	TEH-TEC		00013	61OUL	09H- 0.06	0.36		0	10	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	09H+ 0.84	0.51		0	13	P 2
135	116	1	H	TEH-TEC	TEH-TEC		00013	61OUL	09H+ 0.98	0.65		0	19	P 2
28	117	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS4- 0.81	0.69		0	14	P 2
30	117	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS4- 0.81	1.15		0	16	P 2
44	117	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS4- 0.82	1.93		0	27	P 2
110	117	1	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.42	0.98		0	26	P 2
118	117	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.01	0.46		0	13	P 2
			H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.64	0.33		0	10	P 2
146	117	3	H	08H-BW1	08H-BW1		00149	61ORP	09H+ 0.20TO+ 0.70	0.72		43	SAI	P 1
111	118	5	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.34	2.31		0	34	P 2
113	118	2,5	H	TEH-TEC	TEH-TEC		00013	61OUL	VS2- 0.88	1.30		0	25	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.20	0.51		0	18	P 2
117	118	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.39	1.07		0	24	P 2
139	118	3	H	08H-BW1	08H-BW1		00148	61ORP	09H+ 24.90TO+ 25.10	0.42		36	SAI	P 2
149	118	3	H	TEH-TEC	TEH-TEC		00009	61OUL	09H+ 0.69	0.77		0	18	P 2
10	119	1	C	TEC-TEH	TEC-TEH		00072	61OUL	07H- 0.95	0.23		0	5	P 2
36	119	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS4- 0.80	0.52		0	11	P 2
116	119	1,2	H	TEH-TEC	TEH-TEC		00000	61OUL	VS3+ 34.30	0.86		145	24	P 5
118	119	1	H	TEH-TEC	TEH-TEC		00000	61OUL	BW1- 1.97	0.83		0	20	P 2
128	119	1,5	H	TEH-TEC	TEH-TEC		00013	61OUL	09H+ 0.81	0.60		0	17	P 2
134	119	2	H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.91	0.59		0	19	P 2
117	120	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H- 0.95	0.81		0	20	P 2
68	121	2	H	TEH-TEC	TEH-TEC		00021	61OUL	08C+ 1.23	1.11		0	31	P 2
76	121	2	H	TEH-TEC	TEH-TEC		00021	61OUL	VS3+ 0.83	0.56		0	21	P 2
148	121	2,3	H	TEH-TEC	TEH-TEC		00086	61OUL	VS1+ 0.86	0.78		0	19	P 2
117	122	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.07	1.78		0	33	P 2
125	122	1,5	H	TEH-TEC	TEH-TEC		00005	61OUL	09H+ 0.94	0.20		0	11	P 2
145	122	1	H	TEH-TEC	TEH-TEC		00005	61OUL	09H+ 0.85	0.66		0	25	P 2
60	123	2	H	TEH-TEC	TEH-TEC		00021	61OUL	VS5+ 0.66	0.52		0	20	P 2
124	125	1,5	H	TEH-TEC	TEH-TEC		00005	61OUL	09H+ 0.84	0.76		0	27	P 2



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
126	125	1,5	H	TEH-TEC	TEH-TEC		00005	61OUL	09H+ 0.81	0.89		0	29	P 2
144	125	2,3	H	TEH-TEC	TEH-TEC		00005	61OUL	VS3+ 1.09	1.35		0	35	P 2
			H	TEH-TEC	TEH-TEC		00005	61OUL	VS5- 0.83	0.75		0	27	P 2
85	126	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.84	0.65		0	17	P 2
97	126	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 2.07	1.19		0	25	P 2
99	126	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 1.78	1.19		0	29	P 2
117	126	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 0.98	1.65		0	31	P 2
80	127	2	H	TEH-TEC	TEH-TEC		00020	61OUL	VS3- 1.03	0.48		0	14	P 2
86	127	1	H	TEH-TEC	TEH-TEC		00020	61OUL	03H+ 0.86	0.65		0	17	P 2
96	127	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 2.12	0.59		0	19	P 2
100	127	5	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1- 1.83	0.49		0	13	P 2
102	127	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 2.27	0.57		0	19	P 2
75	128	2	H	TEH-TEC	TEH-TEC		00020	61OUL	VS3- 0.79	0.65		0	17	P 2
77	128	2	H	TEH-TEC	TEH-TEC		00020	61OUL	VS3- 0.88	0.69		0	17	P 2
81	128	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.89	1.02		0	23	P 2
83	128	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.32	0.65		0	18	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.78	0.54		0	16	P 2
87	128	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.00	0.91		0	21	P 2
66	129	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 1.31	0.61		0	16	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.91	0.59		0	17	P 2
72	129	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.98	0.46		0	13	P 2
76	129	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.78	0.30		0	9	P 2
80	129	2	H	TEH-TEC	TEH-TEC		00020	61OUL	VS3+ 0.09	1.39		0	29	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	VS3+ 0.72	1.55		0	31	P 2
82	129	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.11	0.37		0	11	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.91	0.30		0	9	P 2
84	129	1	H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.58	0.42		0	12	P 2
96	129	2	H	TEH-TEC	TEH-TEC		00017	61OUL	VS2+ 1.59	0.60		0	15	P 2
			H	TEH-TEC	TEH-TEC		00017	61OUL	VS3+ 0.15	2.10		0	34	P 2
			H	TEH-TEC	TEH-TEC		00017	61OUL	VS3+ 0.74	1.49		0	29	P 2
142	129	1	H	TEH-TEC	TEH-TEC		00004	61OUL	08H+ 0.82	1.42		0	30	P 2
71	130	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.89	0.25		0	8	P 2
73	130	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.06	0.37		0	11	P 2
81	130	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.74	1.22		0	25	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.94	0.80		0	19	P 2
83	130	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.00	0.82		0	20	P 2
85	130	1,2	H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 2.19	2.29		0	37	P 2
89	130	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.95	0.71		0	18	P 2
95	130	5	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 1.70	0.68		0	17	P 2
99	130	1	H	TEH-TEC	TEH-TEC		00017	61OUL	07H- 1.03	0.69		0	17	P 2
103	130	1,2	H	TEH-TEC	TEH-TEC		00017	61OUL	08H+ 0.77	1.04		0	23	P 2
			H	TEH-TEC	TEH-TEC		00017	61OUL	VS5+ 1.50	0.61		0	15	P 2
66	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.05	0.68		0	17	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.50	0.42		0	12	P 2
70	131	2	H	TEH-TEC	TEH-TEC		00020	61OUL	VS3+ 0.00	0.53		0	14	P 2
72	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.65	0.55		0	15	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
76	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.03	0.69		0	17	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.94	0.57		0	16	P 2
78	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.88	0.40		0	12	P 2
82	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.37	0.89		0	21	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 2.05	0.50		0	14	P 2
84	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.83	0.17		0	6	P 2
86	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 2.00	1.31		0	28	P 2
88	131	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.86	0.51		0	14	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 2.15	0.47		0	13	P 2
132	131	2,3,5	H	TEH-TEC	TEH-TEC		00004	61OUL	VS5+ 0.67	0.57		0	18	P 2
140	131	1,5	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.91	1.75		0	33	P 2
19	132	1	C	TEC-TEH	TEC-TEH		00083	61OUL	03H+ 35.68	1.83	170	3	1	
43	132	2	C	TEC-TEH	TEC-TEH		00076	61OUL	VS4- 0.78	1.42		0	24	P 2
53	132	2	C	TEC-TEH	TEC-TEH		00076	61OUL	VS3+ 0.63	0.84		0	16	P 2
59	132	1	C	TEC-TEH	TEC-TEH		00076	61OUL	BW1- 1.52	0.84		0	16	P 2
67	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.94	0.43		0	13	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.34	1.01		0	25	P 2
71	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.14	0.71		0	18	P 2
75	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.23	1.33		0	27	P 2
83	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.95	0.75		0	20	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.93	0.51		0	15	P 2
87	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	BW1- 1.72	0.71		0	18	P 2
89	132	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.28	0.78		0	19	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.51	0.64		0	18	P 2
24	133	1	C	TEC-TEH	TEC-TEH		00083	61OUL	07H- 0.88	0.83		0	14	P 2
66	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 1.28	0.83		0	20	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.05	1.05		0	23	P 2
68	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 1.00	1.31		0	28	P 2
70	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H- 0.06	0.44		0	13	P 2
72	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.74	1.37		0	27	P 2
76	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.74	0.71		0	17	P 2
			H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.57	1.45		0	28	P 2
86	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	BW1+ 1.89	1.45		0	28	P 2
88	133	1	H	TEH-TEC	TEH-TEC		00020	61OUL	08H+ 0.83	0.48		0	13	P 2
90	133	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 2.26	0.92		0	25	P 2
126	133	1	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.67	0.83		0	23	P 2
51	134	1	C	TEC-TEH	TEC-TEH		00077	61OUL	BW1+ 1.72	0.98		0	18	P 2
65	134	1	H	TEH-TEC	TEH-TEC		00019	61OUL	07H- 0.95	0.63		0	18	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	08H- 1.23	1.29		0	27	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.45	0.84		0	22	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	BW1- 1.40	0.49		0	13	P 2
69	134	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.00	0.77		0	19	P 2
73	134	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.69	1.46		0	29	P 2
83	134	1	H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.84	2.01		0	34	P 2
85	134	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.92	0.93		0	26	P 2
133	134	1,5	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.90	0.83		0	23	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
137	134	1,5	H	TEH-TEC	TEH-TEC		00004	61OUL	08H- 0.99	0.78		0	22	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.79	0.60		0	18	P 2
62	135	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 1.35	0.57		0	15	P 2
68	135	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.77	0.42		0	13	P 2
80	135		H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.88	0.39		0	14	P 2
82	135	1	H	TEH-TEC	TEH-TEC		00086	61OUL	BW1+ 1.34	1.05		0	25	P 2
86	135	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.86	0.47		0	14	P 2
90	135		H	TEH-TEC	TEH-TEC		00018	61OUL	08H- 0.12	0.50		0	17	P 2
120	135	1	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 0.03	0.38		0	13	P 2
134	135	1,5	H	TEH-TEC	TEH-TEC		00003	61OUL	09H+ 0.88	0.65		0	19	P 2
138	135	1,5	H	TEH-TEC	TEH-TEC		00003	61OUL	09H+ 0.90	0.84		0	23	P 2
59	136	1	C	TEC-TEH	TEC-TEH		00077	61OUL	BW1+ 1.55	1.32		0	23	P 2
61	136	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 1.06	0.37		0	10	P 2
67	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	07H- 0.75	0.41		0	11	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 1.02	1.22		0	26	P 2
71	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.92	0.37		0	10	P 2
73	136	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 0.54	0.41		0	11	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.20	1.52		0	29	P 2
77	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H- 0.20	1.06		0	23	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.64	1.67		0	31	P 2
79	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.99	1.15		0	26	P 2
81	136	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 0.86	1.29		0	27	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.75	1.52		0	29	P 2
83	136	1,2	H	TEH-TEC	TEH-TEC		00019	61OUL	07H- 1.18	0.64		0	20	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.75	0.58		0	15	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.98	1.14		0	25	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 0.92	0.68		0	21	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 1.18	0.41		0	15	P 2
87	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	07H- 0.99	0.56		0	16	P 2
107	136	1,5	H	TEH-TEC	TEH-TEC		00019	61OUL	07H- 1.12	0.33		0	10	P 2
111	136	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.68	0.29		0	12	P 2
44	137	2	C	TEC-TEH	TEC-TEH		00077	61OUL	VS4- 1.09	1.06		0	19	P 2
58	137	2	H	TEH-TEC	TEH-TEC		00086	61OUL	VS3- 0.67	0.52		0	13	P 2
			C	TEC-TEH	TEC-TSH		00077	61OUL	VS3- 0.52	0.61		0	12	P 2
			C	TEC-TEH	TEC-TSH		00077	61OUL	VS3- 0.14	0.57		0	12	P 2
			H	TEH-TEC	TEH-TEC		00086	61OUL	VS3- 0.14	0.35		0	9	P 2
			C	TEC-TEH	TEC-TSH		00077	61OUL	VS3+ 0.77	0.53		0	11	P 2
			H	TEH-TEC	TEH-TEC		00086	61OUL	VS3+ 0.84	0.59		0	15	P 2
66	137	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.14	1.34		0	27	P 2
68	137	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.78	1.29		0	27	P 2
72	137	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.89	0.47		0	12	P 2
74	137	1,2	H	TEH-TEC	TEH-TEC		00019	61OUL	08H- 0.11	0.90		0	21	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 0.43	1.32		0	27	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.11	1.28		0	26	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.72	0.73		0	18	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS5+ 0.11	0.80		0	19	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
 UTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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 DATE: 07/07/94
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
80	137		H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.91	0.80		0	23	P 2
82	137		H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 2.08	0.43		0	15	P 2
61	138	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS5- 0.86	1.00		0	27	P 2
67	138	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.97	0.48		0	17	P 2
69	138	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H- 0.20	0.30		0	12	P 2
71	138	1,2	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.77	0.33		0	8	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.00	0.81		0	19	P 2
			H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.75	0.28		0	7	P 2
75	138	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.52	0.37		0	10	P 2
81	138	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H+ 0.95	0.66		0	21	P 2
83	138	1	H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.99	0.46		0	16	P 2
85	138		H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 2.09	0.68		0	21	P 2
133	138	2,3	H	TEH-TEC	TEH-TEC		00003	61OUL	VS1+ 0.99	0.54		0	16	P 2
40	139	1	C	TEC-TEH	TEC-TEH		00077	61OUL	06H- 0.87	0.83		0	16	P 2
52	139	1	C	TEC-TEH	TEC-TEH		00077	61OUL	BW1+ 1.41	0.71		0	14	P 2
62	139	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 1.75	0.58		0	19	P 2
66	139	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3+ 0.60	0.46		0	16	P 2
68	139	1	H	TEH-TEC	TEH-TEC		00019	61OUL	08H- 0.14	0.35		0	11	P 2
70	139	2	H	TEH-TEC	TEH-TEC		00019	61OUL	VS3- 0.43	0.65		0	21	P 2
80	139	1	H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.55	0.77		0	19	P 2
82	139	1	H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.96	1.22		0	27	P 2
88	139		H	TEH-TEC	TEH-TEC		00019	61OUL	BW1+ 1.71	0.24		0	10	P 2
59	140	1	H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.49	1.03		0	25	P 2
65	140	1	H	TEH-TEC	TEH-TEC		00021	61OUL	08H+ 1.22	1.09		0	24	P 2
67	140	1	H	TEH-TEC	TEH-TEC		00021	61OUL	08H- 0.09	0.69		0	17	P 2
79	140		H	TEH-TEC	TEH-TEC		00021	61OUL	BW1+ 1.86	0.46		0	13	P 2
137	140	1,5	H	TEH-TEC	TEH-TEC		00002	61OUL	02H+ 0.95	0.56		0	17	P 2
			H	02H-02H	02H-02H		00053	61ORP	02H+ 3.18to+ 4.82	1.29		71	SVI	4
			H	02H-02H	02H-02H		00053	61ORP	02H+ 3.18TO+ 4.82	0.72		0	19	P 1
78	141	1	H	TEH-TEC	TEH-TEC		00021	61OUL	08H+ 0.80	0.90		0	21	P 2
90	141	1	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.87	0.72		0	22	P 2
120	141	2,3	H	TEH-TEC	TEH-TEC		00002	61OUL	VS2+ 1.40	0.35		0	12	P 2
138	141	2,5	H	TEH-TEC	TEH-TEC		00002	61OUL	VS7+ 0.90	0.78		0	22	P 2
29	142	2	H	TEH-TEC	TEH-TEC		00087	61OUL	BW2+ 1.74	0.45		0	17	P 2
73	142	1	H	TEH-TEC	TEH-TEC		00021	61OUL	07H- 0.90	0.65		0	17	P 2
77	142	1	H	TEH-TEC	TEH-TEC		00021	61OUL	BW1+ 1.56	0.92		0	28	P 2
79	142	2	H	TEH-TEC	TEH-TEC		00021	61OUL	VS3- 0.70	0.64		0	16	P 2
			H	TEH-TEC	TEH-TEC		00021	61OUL	VS3+ 0.93	1.19		0	25	P 2
			H	TEH-TEC	TEH-TEC		00021	61OUL	VS5- 0.99	1.38		0	27	P 2
83	142		H	TEH-TEC	TEH-TEC		00021	61OUL	BW1+ 1.57	0.55		0	15	P 2
117	142	1	H	TEH-TEC	TEH-TEC		00086	61OUL	09H+ 0.78	1.12		0	26	P 2
2	143	1	H	TEH-07H	TEH-BW1		00087	61OUL	02H- 0.08	0.68		0	18	P 2
76	143	2	H	TEH-TEC	TEH-TEC		00021	61OUL	VS3- 0.66	0.87		0	20	P 2
			H	TEH-TEC	TEH-TEC		00021	61OUL	VS3+ 0.29	1.44		0	28	P 2
			H	TEH-TEC	TEH-TEC		00021	61OUL	VS5+ 0.75	0.61		0	16	P 2
88	143		H	TEH-TEC	TEH-TEC		00021	61OUL	BW1+ 1.66	1.02		0	23	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 07/07/94
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
				PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
108	143	5	H	TEH-TEC	TEH-TEC		00025	610UL	06H+	0.77	0.75		0	18	P 2
			H	09H-BW1	08H-BW1		00312	610RP	08H+	0.81TO+ 1.04	0.57		52	SAI	P 1
33	144	2	H	TEH-TEC	TEH-TEC		00041	610UL	BW2+	1.57	0.76		59	19	P 1
51	144	2	H	TEH-TEC	TEH-TEC		00040	610UL	VS4-	0.94	0.44		0	13	P 2
53	144	1	H	TEH-TEC	TEH-TEC		00040	610UL	BW1+	2.00	0.76		0	20	P 2
73	144	1	H	TEH-TEC	TEH-TEC		00021	610UL	08H+	0.99	0.55		0	15	P 2
77	144	2	H	TEH-TEC	TEH-TEC		00021	610UL	VS3+	1.13	0.57		0	15	P 2
79	144	2	H	TEH-TEC	TEH-TEC		00021	610UL	VS3+	0.87	0.63		0	22	P 2
83	144		H	TEH-TEC	TEH-TEC		00021	610UL	08H+	0.81	0.55		0	15	P 2
101	144	5	H	TEH-TEC	TEH-TEC		00025	610UL	BW1+	1.62	0.53		0	18	P 2
105	144	2	H	TEH-TEC	TEH-TEC		00025	610UL	VS2-	0.83	0.51		0	18	P 2
125	144	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H+	1.01	0.55		0	17	P 2
24	145	1	H	TEH-TEC	TEH-TEC		00087	610UL	06H+	1.03	0.47		0	18	P 2
74	145	2	H	TEH-TEC	TEH-TEC		00021	610UL	VS3+	0.75	0.48				
92	145	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.76	0.13				
100	145	1,5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.67	0.16		0	7	P 2
102	145	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.52	0.27		0	8	P 2
116	145	1,2	H	TEH-TEC	TEH-TEC		00000	610UL	VS5-	1.48	0.71		0	18	P 2
118	145	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H+	1.52	0.59		0	16	P 2
122	145	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H-	0.09	0.57		0	17	P 2
128	145	2,3	H	TEH-TEC	TEH-TEC		00001	610UL	VS1-	0.64	0.58		0	18	P 2
5	146	1	H	TEH-TEC	TEH-TEC		00088	610UL	07H+	0.69	0.34		0	12	P 2
83	146	1	H	TEH-TEC	TEH-TEC		00022	610UL	BW1+	1.66	0.39		0	11	P 2
93	146	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.93	0.46		0	13	P 2
95	146	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.77	0.67		0	18	P 2
97	146	5	H	TEH-TEC	TEH-TEC		00024	610UL	08H+	0.95	0.23		0	7	P 2
117	146	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H+	1.39	1.45		0	28	P 2
74	147	2	H	TEH-TEC	TEH-TEC		00022	610UL	VS3+	0.11	1.37		0	27	P 2
84	147	2	H	TEH-TEC	TEH-TEC		00022	610UL	VS3+	0.79	2.95		0	39	P 2
92	147	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.91	0.32		0	9	P 2
110	147	3	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.72	0.30		0	9	P 2
116	147	1,2	H	TEH-TEC	TEH-TEC		00000	610UL	BW2-	1.82	0.78		0	19	P 2
118	147	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H+	1.76	2.90		0	39	P 2
122	147	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H-	0.90	0.58		0	18	P 2
			H	TEH-TEC	TEH-TEC		00001	610UL	09H+	0.70	0.58		0	18	P 2
126	147	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H+	0.98	0.46		0	15	P 2
9	148	2	H	TEH-TEC	TEH-TEC		00088	610UL	07C-	0.60	0.31		0	10	P 2
83	148	1	H	TEH-TEC	TEH-TEC		00022	610UL	07H-	1.02	0.54		0	14	P 2
105	148	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.56	0.24		0	7	P 2
117	148	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H-	1.50	3.57		0	42	P 2
121	148	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H-	1.01	0.58		0	18	P 2
96	149	2,5	H	TEH-TEC	TEH-TEC		00024	610UL	VS2+	1.04	0.42		0	14	P 2
104	149	5	H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.87	0.33		0	10	P 2
118	149	1	H	TEH-TEC	TEH-TEC		00000	610UL	09H-	0.77	0.74		0	19	P 2
124	149	1	H	TEH-TEC	TEH-TEC		00001	610UL	09H+	0.91	0.17		0	7	P 2
126	149	2	H	TEH-TEC	TEH-TEC		00001	610UL	VS3-	0.66	1.03		0	26	P 2

CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
126	149	2	H	TEH-TEC	TEH-TEC		00001	61OUL	VS3+ 0.66	1.54		0	32	P 2
130	149	2,5	H	TEH-TEC	TEH-TEC		00001	61OUL	VS7+ 1.16	0.88		0	23	P 2
63	150		H	07H-VS3	07H-VS3		00529	580RP	07H+ 22.05	0.96	125		SVI	1
93	150	5	H	TEH-TEC	TEH-TEC		00024	61OUL	BW1+ 1.73	0.23		0	7	P 2
107	150	1	H	TEH-TEC	TEH-TEC		00024	61OUL	BW1+ 1.67	0.46		0	13	P 2
119	150	1	H	TEH-TEC	TEH-TEC		00002	61OUL	09H- 1.13	0.31		0	11	P 2
			H	TEH-TEC	TEH-TEC		00002	61OUL	09H+ 0.99	1.47		0	31	P 2
108	151	1	H	TEH-TEC	TEH-TEC		00024	61OUL	BW1+ 1.70	0.20		0	6	P 2
110	151	1	H	TEH-TEC	TEH-TEC		00024	61OUL	BW1- 1.98	0.27		0	8	P 2
118	151	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H- 1.32	0.81		0	20	P 2
			H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 1.80	1.19		0	25	P 2
124	151	2	H	TEH-TEC	TEH-TEC		00001	61OUL	VS2- 0.14	0.80		0	22	P 2
126	151	2	H	TEH-TEC	TEH-TEC		00001	61OUL	VS3+ 1.04	0.54		0	17	P 2
19	152	2	H	TEH-TEC	TEH-TEC		00089	61OUL	BW2+ 0.55	0.40		0	8	P 2
63	152	2	H	TEH-TEC	TEH-TEC		00022	61OUL	VS3- 1.37	0.72		0	18	P 2
91	152	5	H	TEH-TEC	TEH-TEC		00023	61OUL	BW1+ 1.85	0.52		0	15	P 2
103	152	1	H	TEH-TEC	TEH-TEC		00023	61OUL	BW1+ 1.74	0.32		0	9	P 2
117	152	1	H	TEH-TEC	TEH-TEC		00000	61OUL	09H- 1.13	0.96		0	22	P 2
			H	TEH-TEC	TEH-TEC		00000	61OUL	09H+ 0.99	0.78		0	19	P 2
106	153	1,2	H	TEH-TEC	TEH-TEC		00023	61OUL	VS2- 0.76	0.47		0	13	P 2
116	153	1	H	TEH-TEC	TEH-TEC		00000	61OUL	BW1- 0.37	0.42		0	12	P 2
61	154	2	H	TEH-TEC	TEH-TEC		00022	61OUL	VS3- 0.83	1.39		0	27	P 2
			H	TEH-TEC	TEH-TEC		00022	61OUL	VS5- 0.68	0.73		0	19	P 2
63	154		H	07H-VS3	07H-BW1		00623	580RP	07H+ 23.34	0.59	15		SVI	P 1
			H	TEH-TEC	TEH-TEC		00022	61OUL	BW1+ 2.05	0.55		0	15	P 2
79	154	1	H	TEH-TEC	TEH-TEC		00022	61OUL	07H- 1.04	0.58		0	15	P 2
105	154	1,2	H	TEH-TEC	TEH-TEC		00023	61OUL	BW1+ 1.90	0.22		0	6	P 2
			H	TEH-TEC	TEH-TEC		00023	61OUL	VS3+ 1.14	0.56		0	15	P 2
100	155	1	H	TEH-TEC	TEH-TEC		00023	61OUL	BW1+ 1.70	0.14		0	4	P 2
106	155	1	H	TEH-TEC	TEH-TEC		00086	61OUL	07H+ 0.83	0.38		0	10	P 2
69	156		H	TEH-TEC	TEH-TEC		00022	61OUL	08H+ 0.85	0.90		0	21	P 2
50	157	2	H	TEH-TEC	TEH-TEC		00039	61OUL	VS4+ 0.72	0.84		0	22	P 2
66	157	1	H	TEH-TEC	TEH-TEC		00023	61OUL	06H+ 0.73	0.17		0	7	P 2
			H	TEH-TEC	TEH-TEC		00023	61OUL	08H- 0.42	0.59		0	16	P 2
68	157	1	H	TEH-TEC	TEH-TEC		00023	61OUL	08H- 0.96	0.72		0	25	P 2
			H	TEH-TEC	TEH-TEC		00023	61OUL	08H+ 0.78	0.28		0	12	P 2
70	157	1	H	TEH-TEC	TEH-TEC		00022	61OUL	08H+ 0.89	0.52		0	14	P 2
74	157	2	H	TEH-TEC	TEH-TEC		00022	61OUL	VS3- 0.89	0.73		0	18	P 2
80	157	2	H	TEH-TEC	TEH-TEC		00022	61OUL	VS3- 0.06	1.33		0	27	P 2
92	157	2	H	TEH-TEC	TEH-TEC		00023	61OUL	VS2+ 0.64	0.42		0	17	P 2
45	158	2	H	TEH-TEC	TEH-TEC		00039	61OUL	VS4+ 0.59	1.27		0	26	P 2
75	158	1	H	TEH-TEC	TEH-TEC		00023	61OUL	08H+ 0.81	0.83		0	20	P 2
101	158	1,2	H	TEH-TEC	TEH-TEC		00023	61OUL	VS2- 0.52	0.63		0	23	P 2
			H	TEH-TEC	TEH-TEC		00023	61OUL	VS3- 0.26	0.63		0	23	P 2
			H	TEH-TEC	TEH-TEC		00023	61OUL	VS6+ 0.70	0.22		0	9	P 2
111	158	1	H	TEH-TEC	TEH-TEC		00023	61OUL	TSH+ 13.68	1.99	160		6	1

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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TIME: 10:44:01

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
50	159	2	H	TEH-TEC	TEH-TEC		00038	610UL	VS4- 0.70	0.77		0	18	P 2
76	159	2	H	TEH-TEC	TEH-TEC		00023	610UL	VS3- 0.17	1.08		0	25	P 2
			H	TEH-TEC	TEH-TEC		00023	610UL	VS3+ 0.99	0.80		0	26	P 2
106	159	1	H	TEH-TEC	TEH-TEC		00023	610UL	BW1+ 1.79	0.48		0	14	P 2
51	160	4	H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.94	0.69		0	25	P 2
53	160	2	H	TEH-TEC	TEH-TEC		00033	610UL	VS5- 0.17	0.93		0	19	P 2
63	160		H	07H-VS3	07H-BW1		00623	580RP	07H+ 13.98	0.58		0	SVI	P 1
71	160	1	H	TEH-TEC	TEH-TEC		00026	610UL	07H- 1.09	0.25		0	10	P 2
66	161	1	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 1.23	2.52		0	40	P 2
78	161	2	H	TEH-TEC	TEH-TEC		00026	610UL	VS3- 0.86	0.54		0	19	P 2
104	161	1	H	TEH-TEC	TEH-TEC		00026	610UL	BW1- 1.97	0.62		0	15	P 2
75	162	1	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 0.85	0.77		0	23	P 2
77	162	2	H	TEH-TEC	TEH-TEC		00026	610UL	VS3+ 0.94	0.32		0	13	P 2
79	162	1	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 0.77	0.66		0	21	P 2
91	162	1	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 0.78	1.69		0	35	P 2
95	162	1	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 0.81	0.54		0	19	P 2
99	162	1	H	TEH-TEC	TEH-TEC		00026	610UL	07H+ 0.94	0.38		0	14	P 2
96	163	5	H	TEH-TEC	TEH-TEC		00026	610UL	BW1- 2.08	0.20		0	9	P 2
102	163	1,2	H	TEH-TEC	TEH-TEC		00026	610UL	VS2- 0.74	0.51		0	18	P 2
63	164		H	07H-VS3	07H-BW1		00623	580RP	07H+ 12.06to+ 13.32	0.62		132	SVI	1
			H	07H-VS3	07H-BW1		00623	580RP	07H+ 13.13	0.50		0	SVI	P 1
67	164		H	TEH-TEC	TEH-TEC		00027	610UL	08H- 0.97	0.18		0	3	P 2
87	164	1	H	TEH-TEC	TEH-TEC		00027	610UL	08H- 1.10	0.37		0	10	P 2
66	165	1	H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 1.02	0.49		0	9	P 2
71	166		H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 0.85	0.41		0	15	P 2
56	167	2	H	TEH-TEC	TEH-TEC		00032	610UL	VS3- 0.65	0.39		0	16	P 2
68	167	1	H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 0.79	1.12		0	17	P 2
76	167	1	H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 0.79	1.09		0	17	P 2
23	168	2	H	TEH-TEC	TEH-TEC		00033	610UL	07C- 0.88	0.46		0	10	P 2
79	168	2	H	TEH-TEC	TEH-TEC		00027	610UL	VS3- 0.82	0.51		0	13	P 2
68	169		H	TEH-TEC	TEH-TEC		00028	610UL	08H- 0.74	1.10		0	19	P 2
			H	TEH-TEC	TEH-TEC		00028	610UL	08H+ 0.55	1.42		0	22	P 2
80	169	2	H	TEH-TEC	TEH-TEC		00028	610UL	VS3- 0.78	0.89		0	14	P 2
63	170		H	07H-VS3	07H-BW1		00627	580RP	07H+ 12.52	0.49		0	SVI	P 1
70	171	2	H	TEH-TEC	TEH-TEC		00028	610UL	VS3+ 0.76	1.37		0	20	P 2
19	172	2	H	TEH-TEC	TEH-TEC		00034	610UL	07C- 1.04	0.98		0	23	P 2
63	172		H	07H-VS3	07H-BW1		00627	580RP	07H+ 11.72	0.77		0	SVI	P 1
66	173		H	TEH-TEC	TEH-TEC		00028	610UL	VS3+ 0.03	0.35		0	7	P 2
63	174		H	07H-VS3	07H-BW1		00627	580RP	07H+ 11.06	0.54		0	SVI	P 1
81	174	2	H	TEH-TEC	TEH-TEC		00028	610UL	04C+ 0.94	0.86		0	14	P 2
66	177	2	H	TEH-TEC	TEH-TEC		00029	610UL	01C+ 0.60	0.43		0	7	P 2
63	180	2	H	TEH-TEC	TEH-TEC		00029	610UL	VS3- 0.74	0.58		0	10	P 2
6	183	2	H	TEH-TEC	TEH-TEC		00038	610UL	02C- 0.94	0.70		0	19	P 2
52	183	2	H	TEH-TEC	TEH-TEC		00029	610UL	03C+ 0.17	0.46		0	8	P 2
49	184	2	H	TEH-TEC	TEH-TEC		00029	610UL	03C+ 0.89	0.81		0	14	P 2
51	184	2	H	TEH-TEC	TEH-TEC		00029	610UL	03C+ 0.08	0.69		0	12	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 21
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 25 OF 25
DATE: 07/07/94
TIME: 10:44:01

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
5	186	2	H	TEH-TEC	TEH-TEC		00038	610UL	04C- 1.03	0.42		0	13	P 2
33	186	2	H	TEH-TEC	TEH-TEC		00029	610UL	04C- 0.88	0.56		0	10	P 2
30	187	2	H	TEH-TEC	TEH-TEC		00029	610UL	03C- 0.98	0.65		0	11	P 2
			H	TEH-TEC	TEH-TEC		00029	610UL	02C- 1.05	0.91		0	15	P 2
32	187	2	H	TEH-TEC	TEH-TEC		00029	610UL	05C- 0.93	0.69		0	12	P 2
			H	TEH-TEC	TEH-TEC		00029	610UL	04C+ 0.95	1.13		0	18	P 2
			H	TEH-TEC	TEH-TEC		00029	610UL	03C- 0.05	0.99		0	16	P 2
21	188	2	H	TEH-TEC	TEH-TEC		00033	610UL	04C+ 0.95	0.39		0	18	P 2
23	188	2	H	TEH-TEC	TEH-TEC		00033	610UL	05C- 0.09	0.90		0	28	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	03C+ 0.92	0.80		0	27	P 2

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 890

NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 1114

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: MAI, MCI, SAI, SCI, SVI, 0 to 100%

REPORT OPTIONS:

Only examination results matching criteria are included



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 1 OF 48
DATE: 07/08/94
TIME: 14:44:52

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	
13	4	2	C	TEC-TEH	TEC-TEH		00002	610UL	03C+ 1.00	0.97		0	19	P 2
44	5	2	C	TEC-TEH	TEC-TEH		00008	610UL	VS4- 0.98	0.74		0	27	P 2
51	6	2	C	TEC-TEH	TEC-TEH		00008	610UL	VS4- 0.06	0.39		0	17	P 2
			C	TEC-TEH	TEC-TEH		00008	610UL	VS4+ 0.54	1.17		0	33	P 2
2	9		C	TEC-07H	TEC-TEH		00085	590SM	02C+ 0.68	0.37		0	10	P 2
45	10	2	C	TEC-TEH	TEC-TEH		00082	610UL	VS4- 0.80	0.41		0	9	P 2
2	11		C	TEC-07H	TEC-TEH		00085	590SM	02C+ 0.45	0.70		0	18	P 2
22	11	2	C	TEC-TEH	TEC-TEH		00002	610UL	05C+ 34.60	0.26		153	19	1
67	12	2	C	TEC-TEH	TEC-TEH		00009	610UL	07H+ 0.72	0.66		0	14	P 2
22	13	2	H	TEH-BW1	TEH-BW1		00103	630UC	01H- 0.34	1.93		119	21	P 1
			H	01H-01H	01H-01H		00074	610RP	01H- 0.29TO- 0.10	2.08		34	MAI	4
			H	TEH-TEC	TEH-TEC		00104	610NB	01H- 0.26	1.66		100	40	P 1
			H	TEH-TEC	TEH-TEC		00106	11412	01H- 0.21	1.88		105	32	P 1
			H	TEH-TEC	TEH-TEC		00105	11812	01H- 0.16	1.63		103	39	P 1
			C	TEC-TEH	TEC-TEH		00002	610UL	01H- 0.15	1.33		98	52	P 1
			C	TEC-TEH	TEC-TEH		00082	610UL	02H+ 0.92	0.24		0	11	P 2
66	13	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.97	0.44		0	10	P 2
			C	TEC-TEH	TEC-TEH		00009	610UL	08C- 1.09	0.48		0	10	P 2
17	16	2	H	01H-01H	01H-01H		00074	610RP	01H- 1.56	0.81		29	SVI	P 1
			C	TEC-TEH	TEC-TSH		00002	610UL	TSH+ 14.92	1.22		162	8	1
69	16		C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.71	0.86		0	29	P 2
77	16	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.83	0.84		0	21	P 2
62	17	2	C	TEC-TEH	TEC-TEH		00009	610UL	07H+ 0.83	0.72		0	15	P 2
70	17	2	C	TEC-TEH	TEC-TEH		00009	610UL	07H- 0.97	0.49		0	11	P 2
82	17	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.74	0.76		0	16	P 2
1	18		C	TEC-07H	TEC-07H		00085	590SM	02C+ 0.80	0.60		0	15	P 2
3	18		C	TEC-07H	TEC-07H		00085	590SM	07C+ 0.21	0.49		0	13	P 2
21	18		H	TSH-01H	TSH-TSH		00598	610RP	TSH- 0.15 29	0.86		0	SVI	P 1
45	18	2	C	TEC-TEH	TEC-TEH		00007	610UL	VS4+ 0.78	0.79		0	19	P 2
67	18	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H- 1.17	0.53		0	11	P 2
73	18	2	C	TEC-TEH	TEC-TEH		00009	610UL	07H+ 0.89	0.32		0	10	P 2
79	18	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.80	0.62		0	17	P 2
28	19	2	H	01H-01H	01H-01H		00086	610RP	01H+ 0.14	4.87		17	SVI	P 1
			C	TEC-TEH	TEC-TEH		00003	610UL	01H+ 0.15	0.93		132	14	P 1
58	19	2	C	TEC-TEH	TEC-TEH		00007	610UL	VS3- 0.59	0.44		0	14	P 2
84	19	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.82	0.74		0	15	P 2
1	20		C	TEC-07H	TEC-07H		00085	590SM	06C- 0.98	0.21		0	5	P 2
75	20	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.90	0.72		0	15	P 2
81	20	2	C	TEC-TEH	TEC-TEH		00009	610UL	VS3- 0.80	0.60		0	13	P 2
			C	TEC-TEH	TEC-TEH		00009	610UL	VS5- 0.96	1.05		0	20	P 2
87	20	2	C	TEC-TEH	TEC-TEH		00009	610UL	08H+ 0.89	0.54		0	12	P 2
43	22	2	C	TEC-TEH	TEC-TEH		00006	610UL	TSC+ 2.00	0.55		148	27	1
81	22	2	C	TEC-TEH	TEC-TEH		00009	610UL	VS3- 0.80	0.82		0	17	P 2
83	22	2	C	TEC-TEH	TEC-TEH		00009	610UL	VS3- 0.77	0.50		0	11	P 2
91	22	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.75	0.57		0	16	P 2
10	23	2	H	01H-01H	01H-01H		00075	610RP	01H+ 0.04TO+ 0.40	2.71		32	SAI	P 1

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 2 OF 48
DATE: 07/08/94
TIME: 14:44:52

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
10	23	2	H	TEH-BW1	TEH-BW1		00103	630UC	01H+ 0.11	1.62		111	28	P 1
			H	TEH-TEC	TEH-TEC		00106	11412	01H+ 0.12	1.26		101	38	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	01H+ 0.14	1.25		90	51	P 1
			C	TEC-TEH	TEC-TEH		00004	610UL	01H+ 0.23	0.56		118	30	P 1
			H	TEH-TEC	TEH-TEC		00105	11812	01H+ 0.23	1.07		103	39	P 1
74	23	2	C	TEC-TEH	TEC-TEH		00010	610UL	VS3+ 0.76	1.09		0	17	P 2
96	23	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.81	0.27		0	8	P 2
102	23	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 2.18	2.41		0	30	P 2
1	24		C	TEC-07H	TEC-07H		00085	590SM	04C+ 0.72	0.76		0	19	P 2
			C	TEC-07H	TEC-07H		00085	590SM	03C+ 0.72	0.38		0	10	P 2
29	24	2	H	01H-01H	01H-01H		00075	610RP	01H- 0.30TO- 0.10	1.66		34	SAI	P 1
71	24	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.80	0.57		0	9	P 2
103	24	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 1.92	2.26		0	32	P 2
66	25	2	C	TEC-TEH	TEC-TEH		00010	610UL	08C+ 0.83	0.69		0	11	P 2
70	25	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.81	0.62		0	10	P 2
74	25	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.83	0.42		0	7	P 2
80	25	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.83	0.65		0	17	P 2
82	25		C	TEC-TEH	TEC-TEH		00010	610UL	VS3- 0.93	0.50		0	8	P 2
			C	TEC-TEH	TEC-TEH		00010	610UL	VS3+ 0.93	0.39		25	7	P 2
69	26	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.80	0.58		0	10	P 2
81	26	2	C	TEC-TEH	TEC-TEH		00010	610UL	VS3- 0.83	0.88		0	14	P 2
83	26	2	C	TEC-TEH	TEC-TEH		00010	610UL	VS3- 0.89	0.72		0	12	P 2
91	26	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 1.97	0.44		0	7	P 2
93	26	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.65	0.35		0	6	P 2
			C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 2.01	0.69		0	11	P 2
99	26	3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1- 2.00	0.39		0	17	P 2
107	26	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 1.79	0.58		0	23	P 2
4	27	2	C	TEC-TEH	TEC-TEH		00004	610UL	02C+ 0.81	0.60		0	19	P 2
80	27		C	TEC-TEH	TEC-TEH		00010	610UL	VS3- 0.99	0.40		0	18	P 2
90	27	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.56	0.95		0	22	P 2
102	27	1	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 1.81	0.43		0	19	P 2
1	28	2	C	TEC-07H	TEC-07H		00085	590SM	07H+ 0.66	0.38		0	10	P 2
			C	TEC-07H	TEC-07H		00085	590SM	03C+ 0.84	0.43		0	12	P 2
			C	TEC-07H	TEC-07H		00085	590SM	03C- 0.09	0.32		0	9	P 2
			C	TEC-07H	TEC-07H		00085	590SM	02C+ 0.91	0.35		0	9	P 2
3	28		C	TEC-07H	TEC-07H		00085	590SM	02C+ 0.85	1.41		0	28	P 2
65	28		C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.30	0.78		0	17	P 2
71	28	2	C	TEC-TEH	TEC-TEH		00010	610UL	06H- 0.90	0.43		0	12	P 2
83	28	2	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.65	0.80		0	20	P 2
105	28	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	BW1+ 1.90	0.78		0	12	P 2
2	29		C	TEC-07H	TEC-07H		00085	590SM	02C+ 0.00	0.34		0	9	P 2
46	29	2	C	TEC-TEH	TEC-TEH		00005	610UL	BW2- 1.94	1.52		0	29	P 2
80	29		C	TEC-TEH	TEC-TEH		00011	610UL	VS3+ 1.46	0.74		0	19	P 2
84	29		C	TEC-TEH	TEC-TEH		00011	610UL	08H+ 0.98	0.57		0	15	P 2
98	29	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	08H+ 0.82	0.38		0	11	P 2
110	29	2,3	C	TEC-TEH	TEC-TEH		00010	610UL	VS3+ 0.98	0.32		0	5	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 3 OF 48
DATE: 07/08/94
TIME: 14:44:52

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
51	30	2	C	TEC-TEH	TEC-TEH		00017	61OUL	VS4+ 0.94	1.17		0	21	P 2
83	30	2	C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.79	0.80		0	14	P 2
85	30	2	C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.67	1.21		0	20	P 2
107	30	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	08H- 1.04	0.21		0	5	P 2
			C	TEC-TEH	TEC-TEH		00040	61OUL	BW1- 1.80	0.21		0	5	P 2
111	30	1	C	TEC-TEH	TEC-TEH		00040	61OUL	03C- 0.86	0.48		0	11	P 2
44	31	2	C	TEC-TEH	TEC-TEH		00017	61OUL	VS4+ 0.91	0.93		0	24	P 2
72	31	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.92	0.58		0	10	P 2
79	32	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.92	0.60		0	11	P 2
83	32	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.90	0.37		0	8	P 2
95	32	3	C	TEC-TEH	TEC-TEH		00040	61OUL	VS2+ 0.53	0.85		0	20	P 2
97	32	3	C	TEC-TEH	TEC-TEH		00040	61OUL	07H- 0.87	3.48		0	43	P 2
110	33	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	VS2+ 0.59	0.65		0	16	P 2
116	33	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+ 1.00	1.60				
45	34	2	C	TEC-TEH	TEC-TEH		00017	61OUL	VS4- 0.89	1.33				
77	34	2	C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.66	1.24		0	22	P 2
89	34	2	C	TEC-TEH	TEC-TEH		00011	61OUL	VS6- 0.32	0.29		0	6	P 2
99	34	2	C	TEC-TEH	TEC-TEH		00040	61OUL	BW1+ 1.81	0.51		0	13	P 2
			C	TEC-TEH	TEC-TEH		00040	61OUL	VS2+ 0.78	0.49		0	13	P 2
101	34	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	VS2+ 0.50	0.52		0	14	P 2
			C	TEC-TEH	TEC-TEH		00040	61OUL	VS3+ 0.84	1.57		0	30	P 2
			C	TEC-TEH	TEC-TEH		00040	61OUL	VS5+ 0.56	0.72		0	18	P 2
115	34	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	BW1+ 1.94	0.35		0	9	P 2
117	34	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.15	0.82		0	19	P 2
			C	TEC-TEH	TEC-TEH		00000	61OUL	09H+ 0.83	0.81		0	19	P 2
119	34	3	C	TEC-TEH	TEC-TEH		00040	61OUL	09H- 0.28	0.51		0	13	P 2
80	35	2	C	TEC-TEH	TEC-TEH		00011	61OUL	VS3- 0.99	0.52		0	11	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	VS5- 0.99	0.29		0	6	P 2
84	35	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.82	0.98		0	18	P 2
88	35	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.97	0.82		0	16	P 2
94	35	2	C	TEC-TEH	TEC-TEH		00040	61OUL	08H- 0.16	0.37		0	10	P 2
96	35	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	07H- 0.97	0.69		0	17	P 2
116	35	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+ 1.25	8.31		82	64	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 1.48	9.94		86	59	P 1
120	35	3	C	TEC-TEH	TEC-TEH		00040	61OUL	VS2- 0.8	0.55		0	14	P 2
77	36	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.00	0.34		0	7	P 2
			C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.82	0.57		0	11	P 2
79	36	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 0.97	0.54		0	11	P 2
85	36	2	C	TEC-TEH	TEC-TEH		00011	61OUL	08H+ 1.06	0.40		0	8	P 2
97	36		C	TEC-TEH	TEC-TEH		00040	61OUL	08H- 0.12	0.51		0	13	P 2
			C	TEC-TEH	TEC-TEH		00040	61OUL	08H+ 0.94	0.89		0	21	P 2
115	36	2,3	C	TEC-TEH	TEC-TEH		00040	61OUL	BW1+ 2.02	1.09		0	24	P 2
117	36	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.48	2.34		0	36	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 1.27	3.34		0	45	P 2
			C	TEC-TEH	TEC-TEH		00000	61OUL	09H+ 0.86	2.11		0	34	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.99	3.23		0	40	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
117	36	2,3	H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 1.27	2.88		0	43	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	BW1+ 1.11	1.19		0	25	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	BW1+ 2.23	0.85		0	20	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 2.75	0.95		0	28	P 2
119	36	3	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.63	1.12		0	24	P 2
80	37	2	C	TEC-TEH	TEC-TEH		00011	610UL	08H+ 0.97	0.68		0	13	P 2
92	37	2	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 1.95	0.99		0	22	P 2
96	37	2	C	TEC-TEH	TEC-TEH		00040	610UL	08H+ 0.87	0.40		0	11	P 2
110	37	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	08H+ 0.76	0.62		0	16	P 2
116	37	2,3	H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.71	4.33		0	44	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.93	3.51		0	42	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 1.01	2.92		0	41	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	BW1+ 2.15	0.73		0	18	P 2
118	37	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.83	2.30		0	36	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.90	0.86		0	20	P 2
120	37	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	09H- 0.28	0.44		0	10	P 2
122	37	3	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.68	0.64		0	15	P 2
			C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 1.93	0.34		0	9	P 2
31	38	2	C	TEC-TEH	TEC-TEH		00016	610UL	VS4+ 0.40	0.64		0	16	P 2
59	38	2	C	TEC-TEH	TEC-TEH		00015	610UL	VS3- 0.72	0.39		0	11	P 2
67	38	2	C	TEC-TEH	TEC-TEH		00011	610UL	BW1+ 2.09	0.50		0	10	P 2
85	38	2	C	TEC-TEH	TEC-TEH		00011	610UL	VS3- 0.98	0.82		0	16	P 2
87	38	2	C	TEC-TEH	TEC-TEH		00011	610UL	07H- 0.92	1.09		0	20	P 2
97	38	3	H	08H-BW1	08H-BW1		00330	610RP	08H+ 0.99	0.86		7	SVI	P 1
			C	TEC-TEH	TEC-TEH		00233	610MF	VS2+ 0.60	0.80		0	19	P 2
103	38	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 1.66	0.59		0	15	P 2
			C	TEC-TEH	TEC-TEH		00040	610UL	VS2+ 0.75	0.73		0	18	P 2
113	38	1	C	TEC-TEH	TEC-TEH		00040	610UL	VS5- 0.97	0.23		0	6	P 2
117	38	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.78	2.22		0	35	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	BW1- 2.05	0.67		0	17	P 2
119	38	1	C	TEC-TEH	TEC-TEH		00040	610UL	09H- 0.28	0.55		0	14	P 2
121	38	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.77	0.68		0	15	P 2
2	39		C	TEC-07H	TEC-07H		00085	590SM	02C+ 0.74	0.35		0	9	P 2
30	39	2	C	TEC-TEH	TEC-TEH		00015	610UL	VS4- 0.75	0.41		0	9	P 2
92	39	2	C	TEC-TEH	TEC-TEH		00040	610UL	VS6- 0.84	0.61		0	16	P 2
94	39	2	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 2.00	0.37		0	10	P 2
110	39	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 1.67	1.20		0	26	P 2
112	39	1	H	08H-BW1	08H-BW1		00244	610RP	08H+ 29.38to+ 30.1	1.24		0	SAI	1
116	39	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.87	0.28		0	7	P 2
118	39	2,3	H	TEH-TEC	TEH-TEC		00093	610UL	09H- 1.80	0.31		0	9	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H- 0.15	0.43		0	11	P 2
			H	TEH-TEC	TEH-TEC		00093	610UL	VS5+ 1.12	0.42		0	12	P 2
120	39	1,2	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.54	1.06		0	22	P 2
122	39	3	C	TEC-TEH	TEC-TEH		00040	610UL	09H- 1.00	0.48		0	11	P 2
124	39	2	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.73	1.92		0	32	P 2
			C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 2.29	0.21		0	5	P 2



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STEAM GENERATOR : 22
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SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
124	39	2	C	TEC-TEH	TEC-TEH		00040	610UL	VS2+ 0.79	0.42		0	10	P 2
126	39	3	C	TEC-TEH	TEC-TEH		00040	610UL	VS7+ 0.71	0.30		0	7	P 2
49	40	2	C	TEC-TEH	TEC-TEH		00015	610UL	VS4- 0.77	0.54		0	12	P 2
51	40	2	C	TEC-TEH	TEC-TEH		00015	610UL	VS4- 0.78	0.43		0	12	P 2
67	40		C	TEC-TEH	TEC-TEH		00012	610UL	BW1+ 1.92	0.73		0	19	P 2
91	40	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.22	0.57		0	14	P 2
95	40		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.87	0.56		0	14	P 2
101	40	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	VS2+ 0.72	0.75		0	18	P 2
109	40	2,3	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 2.00	0.78		0	19	P 2
115	40	1,2	H	08H-BW1	08H-BW1		00102	610MR	08H+ 40.62TO+ 41.00	0.32		0	SAI	P 1
			H	BW1-VS2	BW1-VS2		00782	580BC	BW1+ 3.63to+ 5.8	1.21	141	0	SAI	P 1
117	40	2	H	08H-BW1	08H-BW1		00021	610RP	08H+ 40.89TO+ 41.10	0.58	47	0	SAI	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H- 1.18	1.11		0	24	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 1.18	1.59		0	17	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	09H- 1.11	0.72		0	12	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	09H- 1.10	1.66		0	32	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	09H- 0.82	1.47		0	26	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	09H+ 0.54	1.26		0	18	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.65	1.83		0	32	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.75	0.65		0	18	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	09H+ 0.95	1.58		0	31	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	09H+ 0.98	2.04		0	32	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 1.86	1.58		0	35	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	VS2+ 0.70	0.31		0	10	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	VS2+ 0.76	0.59		0	17	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	VS2+ 0.77	0.59		0	15	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	VS2+ 0.80	0.36		0	12	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS2+ 0.92	0.60		0	10	P 2
119	40	1	C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.77	1.96		0	34	P 2
121	40	1,2	C	TEC-TEH	TEC-TEH		00040	610UL	09H- 0.21	0.42		0	10	P 2
			C	TEC-TEH	TEC-TEH		00040	610UL	09H+ 0.63	2.39		0	35	P 2
123	40	2	C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 1.65	0.16		0	3	P 2
129	40	3	C	TEC-TEH	TEC-TEH		00081	610UL	04C+ 0.75	0.43		0	9	P 2
			C	TEC-TEH	TEC-TEH		00081	610UL	04C- 0.84	0.88		0	18	P 2
			C	TEC-TEH	TEC-TEH		00081	610UL	03C+ 0.82	0.76		0	16	P 2
62	41	2	C	TEC-TEH	TEC-TEH		00015	610UL	VS3+ 0.74	0.70		0	18	P 2
90	41	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.87	0.26		0	7	P 2
94	41	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.96	0.71		0	17	P 2
100	41		C	TEC-TEH	TEC-TEH		00041	610UL	BW1- 2.16	0.25		0	6	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.97	0.49		0	13	P 2
106	41		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.70	0.63		0	15	P 2
110	41	2,3	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.91	0.56		0	14	P 2
			H	BW1-VS2	BW1-VS2		00782	580BC	BW1+ 5.07to+ 5.6	0.77	28	0	SAI	P 1
116	41	2	H	TEH-BW1	TEH-BW1		00103	630UC	02H- 0.91	0.56		0	17	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	02H- 0.67	0.26		0	7	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.95	4.71		0	45	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
116	41	2	H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 1.05	4.46		0	48	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 1.06	3.53		0	43	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	09H+ 1.10	5.13		0	47	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	09H+ 1.14	4.34		0	45	P 2
118	41	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 2.02	0.89		0	20	P 2
			H	TEH-TEC	TEH-TEC		00093	610UL	09H- 1.52	1.00		0	21	P 2
124	41	2,3	C	TEC-TEH	TEC-TEH		00088	610UL	09H+ 0.97	0.65		0	15	P 2
126	41	3	C	TEC-TEH	TEC-TEH		00081	610UL	09H- 1.02	0.78		0	16	P 2
57	42	2	C	TEC-TEH	TEC-TEH		00014	610UL	VS3- 0.68	0.32		0	7	P 2
59	42	2	C	TEC-TEH	TEC-TEH		00014	610UL	VS3+ 0.60	0.67		0	13	P 2
85	42	2	C	TEC-TEH	TEC-TEH		00012	610UL	VS5+ 0.79	0.65		0	17	P 2
91	42		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.78	0.87		0	20	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW2+ 2.03	0.47		0	12	P 2
93	42	2	C	TEC-TEH	TEC-TEH		00041	610UL	07H+ 1.11	0.71		0	18	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.55	0.77		0	19	P 2
95	42		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.74	0.73		0	18	P 2
97	42		C	TEC-TEH	TEC-TEH		00041	610UL	07H+ 1.02	0.21		0	5	P 2
107	42	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.94	0.72		0	17	P 2
109	42	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.20	0.27		0	7	P 2
111	42	2,3	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.08	0.49		0	13	P 2
113	42	3	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.92	0.65		0	16	P 2
115	42	2,3	H	08H-BW1	08H-BW1		00102	610MR	08H+ 39.44TO+ 39.60	0.43		19	SAI	1
			H	TEH-TEC	TEH-TEC		00104	610NB	BW1+ 1.18	0.40		0	11	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 1.38	0.44			14	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.05	0.33		0	9	P 2
117	42	2	H	08H-BW1	08H-BW1		00021	610RP	08H+ 39.08TO+ 39.40	0.90		65	SAI	1
			C	TEC-TEH	TEC-TEH		00000	610UL	08H+ 39.12	1.21		130	46	1
			H	TEH-TEC	TEH-TEC		00106	11412	08H+ 39.16	1.81		114	55	1
			H	TEH-TEC	TEH-TEC		00105	11812	08H+ 39.18	1.66		120	47	1
			C	TEC-TEH	TEC-TEH		00081	610UL	08H+ 39.19	1.26		119	49	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 39.46	1.73		119	50	1
			H	08H-BW1	08H-BW1		00021	610RP	08H+ 41.88TO+ 42.20	0.38		74	SAI	1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.72	2.05		0	35	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	09H+ 0.74	2.21		0	37	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.75	1.02		0	22	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	09H+ 0.83	2.67			39	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.83	2.49		0	36	P 2
			C	TEC-TEH	TEC-TEH		00081	610UL	09H+ 0.89	1.26		0	23	P 2
119	42	3	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.11	0.21		0	5	P 2
121	42	1,2	C	TEC-TEH	TEC-TEH		00039	610UL	07H- 0.94	0.45		0	12	P 2
			C	TEC-TEH	TEC-TEH		00039	610UL	09H+ 0.68	0.99		0	18	P 2
66	43	2	C	TEC-TEH	TEC-TEH		00012	610UL	08H+ 1.12	1.12		0	25	P 2
80	43	2	C	TEC-TEH	TEC-TEH		00012	610UL	BW1+ 1.99	0.64		0	17	P 2
92	43	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.89	0.39		0	10	P 2
94	43	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.99	0.39		0	10	P 2
100	43		C	TEC-TEH	TEC-TEH		00041	610UL	BW1- 2.08	0.48		0	12	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
106	43		C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.81	0.48		0	12	P 2
108	43	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.80	0.96		0	21	P 2
110	43	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 2.00	0.32		0	8	P 2
112	43	1	C	TEC-TEH	TEC-TEH		00041	61OUL	VS2- 0.90	1.41		0	28	P 2
114	43	2,3	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 2.04	0.51		0	13	P 2
124	43	1,2	C	TEC-TEH	TEC-TEH		00039	61OUL	09H+ 0.72	1.67		0	26	P 2
126	43	1	C	TEC-TEH	TEC-TEH		00039	61OUL	09H+ 0.76	0.57		0	11	P 2
130	43	3	C	TEC-TEH	TEC-TEH		00082	61OUL	04C+ 0.84	0.40		0	9	P 2
47	44	2	C	TEC-TEH	TEC-TEH		00014	61OUL	VS4- 0.82	0.67		0	18	P 2
61	44	2	C	TEC-TEH	TEC-TEH		00012	61OUL	VS5+ 1.17	1.19		0	23	P 2
73	44	2	C	TEC-TEH	TEC-TEH		00012	61OUL	VS3- 0.79	0.75		0	19	P 2
83	44	2	C	TEC-TEH	TEC-TEH		00012	61OUL	BW1+ 1.90	0.89		0	22	P 2
91	44	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 2.01	0.68		0	17	P 2
97	44		C	TEC-TEH	TEC-TEH		00041	61OUL	08C+ 0.91	0.48		0	12	P 2
103	44	2	C	TEC-TEH	TEC-TEH		00041	61OUL	08H+ 0.93	0.49		0	13	P 2
105	44	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.52	0.53		0	13	P 2
109	44	2,3	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.87	0.57		0	14	P 2
111	44	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 2.54	0.71		0	17	P 2
113	44	1	H	BW1-VS2	BW1-VS2		00502	58ORP	BW1+ 4.12TO+ 4.90	1.42		108	SAI	1
			C	TEC-TEH	TEC-TEH		00041	61OUL	VS2- 0.72	1.07		0	23	P 2
117	44	2,3	H	TEH-TEC	TEH-TEC		00093	61OUL	09H- 1.36	0.37		0	10	P 2
			C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.14	1.48		0	28	P 2
			H	TEH-TEC	TEH-TEC		00093	61OUL	09H- 0.92	1.33		0	28	P 2
			H	TEH-TEC	TEH-TEC		00093	61OUL	09H+ 0.71	0.69		0	18	P 2
119	44	1	C	TEC-TEH	TEC-TEH		00041	61OUL	VS2- 0.87	0.81		0	19	P 2
123	44	2,3	H	08H-BW1	08H-09H		00421	61ORP	08H+ 0.25TO+ 0.80	3.27		53	SAI	P 1
			C	TEC-TEH	TEC-TEH		00232	61OMF	08H+ 0.46	1.32		60	75	P 1
			C	TEC-TEH	TEC-TEH		00039	61OUL	08H+ 0.58	1.22		71	71	P 1
68	45	2	C	TEC-TEH	TEC-TEH		00012	61OUL	05H+ 0.33	0.36		0	8	P 2
			C	TEC-TEH	TEC-TEH		00012	61OUL	05H+ 0.87	0.74		0	19	P 2
86	45	2	C	TEC-TEH	TEC-TEH		00012	61OUL	BW1+ 2.12	0.41		0	12	P 2
88	45	2	C	TEC-TEH	TEC-TEH		00012	61OUL	VS3+ 0.0	0.60		0	16	P 2
			C	TEC-TEH	TEC-TEH		00012	61OUL	VS3+ 0.79	1.29		0	25	P 2
92	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.80	0.89		0	20	P 2
96	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1- 2.02	0.47		0	12	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.62	0.97		0	22	P 2
98	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1- 2.02	0.43		0	11	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.56	0.43		0	11	P 2
100	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+ 1.68	0.59		0	15	P 2
102	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1- 2.06	0.43		0	11	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW2+ 1.71	0.31		0	9	P 2
104	45	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1- 1.92	0.56		0	14	P 2
114	45	2,3	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1- 1.98	0.31		0	8	P 2
118	45	2,3	H	08H-BW1	08H-BW1		00082	61ORP	09H- 0.77TO+ 0.00	1.83		43	SAI	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	09H- 0.24	0.45		92	49	P 1
128	45	1	C	TEC-TEH	TEC-TEH		00082	61OUL	BW1- 2.21	0.61		0	15	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
134	45	2,3	C	TEC-TEH	TEC-TEH		00039	610UL	TEH+ 1.10	1.67		118	23	P 1
49	46	2	C	TEC-TEH	TEC-TEH		00014	610UL	VS4- 0.56	0.66		0	13	P 2
77	46	2	C	TEC-TEH	TEC-TEH		00012	610UL	08H+ 0.82	1.27		0	27	P 2
			C	TEC-TEH	TEC-TEH		00012	610UL	VS3- 0.77	0.82		0	21	P 2
79	46	2	C	TEC-TEH	TEC-TEH		00012	610UL	VS3- 0.89	0.50		0	14	P 2
93	46	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.01	0.26		0	7	P 2
95	46		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.10	0.30		0	9	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	VS5- 0.82	0.64		0	7	P 2
97	46		C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 2.00	0.71		0	17	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	VS2- 0.81	0.67		0	16	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	VS3- 0.94	0.31		0	8	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	VS5- 0.81	0.55		0	14	P 2
99	46	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1- 1.98	0.36		0	9	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.82	0.87		0	20	P 2
101	46		C	TEC-TEH	TEC-TEH		00041	610UL	BW1- 2.04	0.20		0	5	P 2
107	46	3	C	TEC-TEH	TEC-TEH		00041	610UL	BW2+ 1.61	0.30		0	8	P 2
109	46	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.82	0.68		0	17	P 2
111	46	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.82	0.64		0	16	P 2
113	46	3	C	TEC-TEH	TEC-TEH		00041	610UL	04H+ 0.99	0.99		0	22	P 2
115	46		H	BW1-VS2	BW1-VS2		00505	580RP	BW1+ 5.28TO+ 6.10	0.84		95	SAI	P 1
117	46	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.15	0.78		0	18	P 2
			H	TEH-TEC	TEH-TEC		00093	610UL	09H+ 0.28	0.47		0	13	P 2
123	46	2,3	H	08H-BW1	08H-BW1		00348	610RP	08H- 0.38TO- 0.20	0.68		0	SAI	P 1
			H	08H-BW1	08H-BW1		00348	610RP	09H+ 0.21TO+ 0.40	0.83		147	SAI	P 1
125	46	2,3	C	TEC-TEH	TEC-TEH		00082	610UL	BW1- 1.07	0.69		0	15	P 2
127	46	1	C	TEC-TEH	TEC-TEH		00039	610UL	09H+ 0.42	0.48		0	12	P 2
			C	TEC-TEH	TEC-TEH		00039	610UL	BW1+ 2.36	0.65		0	16	P 2
133	46	2,3	C	TEC-TEH	TEC-TEH		00039	610UL	09H+ 0.71	0.60		0	14	P 2
42	47	2	C	TEC-TEH	TEC-TEH		00014	610UL	VS4+ 0.82	0.32		0	7	P 2
50	47	2	C	TEC-TEH	TEC-TEH		00081	610UL	VS4+ 0.94	0.32		0	7	P 2
76	47	2	C	TEC-TEH	TEC-TEH		00013	610UL	08H+ 1.05	0.52		0	11	P 2
80	47	2	C	TEC-TEH	TEC-TEH		00013	610UL	VS3- 0.89	0.63		0	13	P 2
90	47	2	C	TEC-TEH	TEC-TEH		00041	610UL	VS6- 0.69	0.27		0	7	P 2
98	47	2	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.78	1.24		0	26	P 2
100	47	2	C	TEC-TEH	TEC-TEH		00041	610UL	07H- 0.93	0.27		0	7	P 2
			C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.98	0.83		0	19	P 2
112	47	3	C	TEC-TEH	TEC-TEH		00041	610UL	BW1+ 1.90	0.32		0	9	P 2
116	47	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.47	1.48		0	28	P 2
			H	TEH-TEC	TEH-TEC		00093	610UL	09H- 1.44	1.17		0	36	P 2
124	47	1,2	C	TEC-TEH	TEC-TEH		00039	610UL	09H+ 0.69	1.04		0	19	P 2
128	47	2,3	H	08H-BW1	08H-BW1		00351	610RP	08H+ 0.38TO+ 0.93	13.19		38	SAI	P 1
			C	TEC-TEH	TEC-TEH		00039	610UL	08H+ 0.66	7.21		58	82	P 1
			C	TEC-TEH	TEC-TEH		00232	610MF	08H+ 0.74	8.16		49	84	P 1
132	47	2,3	C	TEC-TEH	TEC-TEH		00039	610UL	07H- 0.88	1.45		0	24	P 2
31	48	2	C	TEC-TEH	TEC-TEH		00014	610UL	VS4- 0.99	0.50		0	10	P 2
75	48	2	C	TEC-TEH	TEC-TEH		00013	610UL	08H+ 0.90	0.55		0	11	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
				PROGRAM	ACTUAL							MIL	DEG	%	CH
77	48	2	C	TEC-TEH	TEC-TEH		00013	61OUL	08H+	0.74	0.63		0	13	P 2
91	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.75	1.16		0	24	P 2
93	48		C	TEC-TEH	TEC-TEH		00041	61OUL	03C+	16.56	0.98	153		16	1
97	48		C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.92	1.12		0	24	P 2
99	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.85	1.78		0	32	P 2
101	48		C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	2.09	0.68		0	17	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	VS3-	0.87	0.49		0	13	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	VS3+	0.28	0.64		0	17	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	VS3+	0.81	0.97		0	22	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	VS5+	0.00	1.16		0	24	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW2-	1.59	0.28		0	7	P 2
105	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.78	0.93		0	21	P 2
107	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.78	0.31		0	8	P 2
109	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.81	0.75				
111	48	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	2.03	0.24				
115	48	2,3	C	TEC-TEH	TEC-TEH		00041	61OUL	04H+	0.92	0.44		0	11	P 2
117	48	2,3	H	TEH-TEC	TEH-TEC		00093	61OUL	09H+	0.03	0.92		0	22	P 2
			H	TEH-TEC	TEH-TEC		00093	61OUL	09C+	0.28	0.27		0	8	P 2
119	48	1	C	TEC-TEH	TEC-TEH		00041	61OUL	09H+	0.81	0.53		0	13	P 2
129	48	3	H	08H-BW1	08H-BW1		00351	61ORP	08H+	0.48TO+ 1.12	0.60		0	SAI	P 1
			C	TEC-TEH	TEC-TEH		00232	61OMF	VS1+	0.23	0.62		0	16	P 2
			C	TEC-TEH	TEC-TEH		00039	61OUL	VS1+	0.28	0.45		0	11	P 2
			C	TEC-TEH	TEC-TEH		00039	61OUL	VS3-	0.84	0.47		0	11	P 2
74	49	2	C	TEC-TEH	TEC-TEH		00013	61OUL	08H+	0.92	0.78		0	16	P 2
78	49	2	C	TEC-TEH	TEC-TEH		00013	61OUL	08H+	1.05	0.51		0	11	P 2
84	49	2	C	TEC-TEH	TEC-TEH		00013	61OUL	VS3-	0.78	0.95		0	19	P 2
			C	TEC-TEH	TEC-TEH		00013	61OUL	VS5+	0.84	0.77		0	16	P 2
90	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.92	0.85		0	20	P 2
92	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	VS6-	0.72	0.41		0	11	P 2
100	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.90	0.69		0	17	P 2
106	49		C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.98	0.89		0	20	P 2
108	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	2.00	0.49		0	13	P 2
110	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.78	0.39		0	10	P 2
112	49		C	TEC-TEH	TEC-TEH		00041	61OUL	BW1-	2.06	0.31		0	8	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.96	0.83		0	19	P 2
114	49	2	C	TEC-TEH	TEC-TEH		00041	61OUL	BW1-	2.17	0.59		0	15	P 2
			C	TEC-TEH	TEC-TEH		00041	61OUL	BW1+	1.89	0.95		0	21	P 2
116	49	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H-	1.03	0.92		0	21	P 2
			H	TEH-TEC	TEH-TEC		00093	61OUL	09H-	1.03	0.50		0	24	P 2
124	49	1	H	BW1-VS1	BW1-VS1		00770	580BC	BW1+	8.71to+ 9.7	1.87	216	SAI	P 1	
128	49	2,3	H	08H-BW1	08H-BW1		00351	61ORP	08H+	0.65TO+ 0.96	6.55	44	SAI	P 1	
			C	TEC-TEH	TEC-TEH		00039	61OUL	08H+	0.81	3.28	74	69	P 1	
			H	08H-BW1	08H-BW1		00351	61ORP	BW1-	1.59TO- 1.16	1.02	131	SAI	P 1	
130	49	1	C	TEC-TEH	TEC-TEH		00039	61OUL	VS5+	0.00	0.62		0	12	P 2
134	49	2,3	C	TEC-TEH	TEC-TEH		00039	61OUL	09H+	0.94	0.84		0	16	P 2
			C	TEC-TEH	TEC-TEH		00039	61OUL	VS1-	0.74	0.67		0	13	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
134	49	2,3	C	TEC-TEH	TEC-TEH		00039	61OUL	VS1+ 0.56	0.54		0	11	P 2
138	49	3	C	TEC-TEH	TEC-TEH		00039	61OUL	VS1- 0.65	3.63		0	40	P 2
69	50	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 0.99	0.96		0	16	P 2
77	50	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 0.83	1.30		0	21	P 2
81	50	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS3- 0.82	0.87		0	15	P 2
85	50	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS3- 1.00	0.80		0	14	P 2
89	50	2	C	TEC-TEH	TEC-TEH		00082	61OUL	BW1+ 2.18	1.07		0	23	P 2
91	50	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.81	0.78		0	16	P 2
97	50		C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.92	0.49		0	12	P 2
101	50		C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.92	0.40		0	10	P 2
109	50	2,3	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.73	1.26		0	25	P 2
117	50	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.22	2.06		0	36	P 2
			H	TEH-TEC	TEH-TEC		00093	61OUL	09H- 0.33	2.83		0	39	P 2
121	50	2,3	C	TEC-TEH	TEC-TEH		00033	61OUL	VS2- 0.67	0.52		0	11	P 2
123	50	2,3	H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.57	1.72		86	64	P 1
			H	08H-LB1	08H-LB1		00084	610RP	09H+ 0.62TO+ 0.80	2.02		59	SAI	P 1
			C	TEC-TEH	TEC-TEH		00033	61OUL	09H+ 0.68	1.87		91	55	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.68	1.85		80	61	P 1
129	50	2,3	H	08H-BW1	08H-09H		00351	610RP	08H+ 0.62TO+ 0.81	0.77		0	SAI	P 1
133	50	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	09H+ 0.89	0.23		0	7	P 2
74	51	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H- 0.59	0.71		0	20	P 2
			C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 0.84	1.19		0	24	P 2
78	51	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 0.80	1.52		0	23	P 2
80	51	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS3+ 0.93	1.19		0	19	P 2
100	51	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.83	0.45		0	10	P 2
116	51	2,3	H	TEH-TEC	TEH-TEC		00093	61OUL	09H- 1.64	0.47		0	13	P 2
128	51	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1- 1.72	0.78		0	20	P 2
140	51	3	C	TEC-TEH	TEC-TEH		00034	61OUL	BW1+ 1.94	0.44		0	11	P 2
41	52	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS4- 0.72	0.84		0	15	P 2
49	52	2	C	TEC-TEH	TEC-TEH		00024	61OUL	VS4+ 0.91	0.96		0	21	P 2
69	52	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 0.84	0.40		0	12	P 2
91	52	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 2.17	1.10		0	23	P 2
99	52		C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.85	0.40		0	10	P 2
111	52	3	C	TEC-TEH	TEC-TEH		00033	61OUL	08H+ 1.17	0.25		0	5	P 2
117	52	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.14	0.45		0	13	P 2
			H	BW1-VS1	BW1-VS2		00764	580BC	BW1+ 8.84TO+ 9.86	0.89		34	SAI	P 1
66	53	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H- 1.02	0.38		0	3	P 2
78	53	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H- 1.71	0.30		0	10	P 2
88	53	2	C	TEC-TEH	TEC-TEH		00024	61OUL	08H+ 1.05	0.93		0	24	P 2
90	53	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 2.06	1.29		0	25	P 2
94	53	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1- 1.66	0.39		0	9	P 2
100	53	2	C	TEC-TEH	TEC-TEH		00033	61OUL	BW1+ 1.64	0.63		0	15	P 2
118	53	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H+ 1.50	0.47		0	12	P 2
			C	TEC-TEH	TEC-TEH		00000	61OUL	BW1- 2.40	0.79		0	19	P 2
120	53	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	09H- 0.28	0.57		0	16	P 2
			C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 0.23	0.53		0	13	P 2

CONAM NUCLEAR, INC.



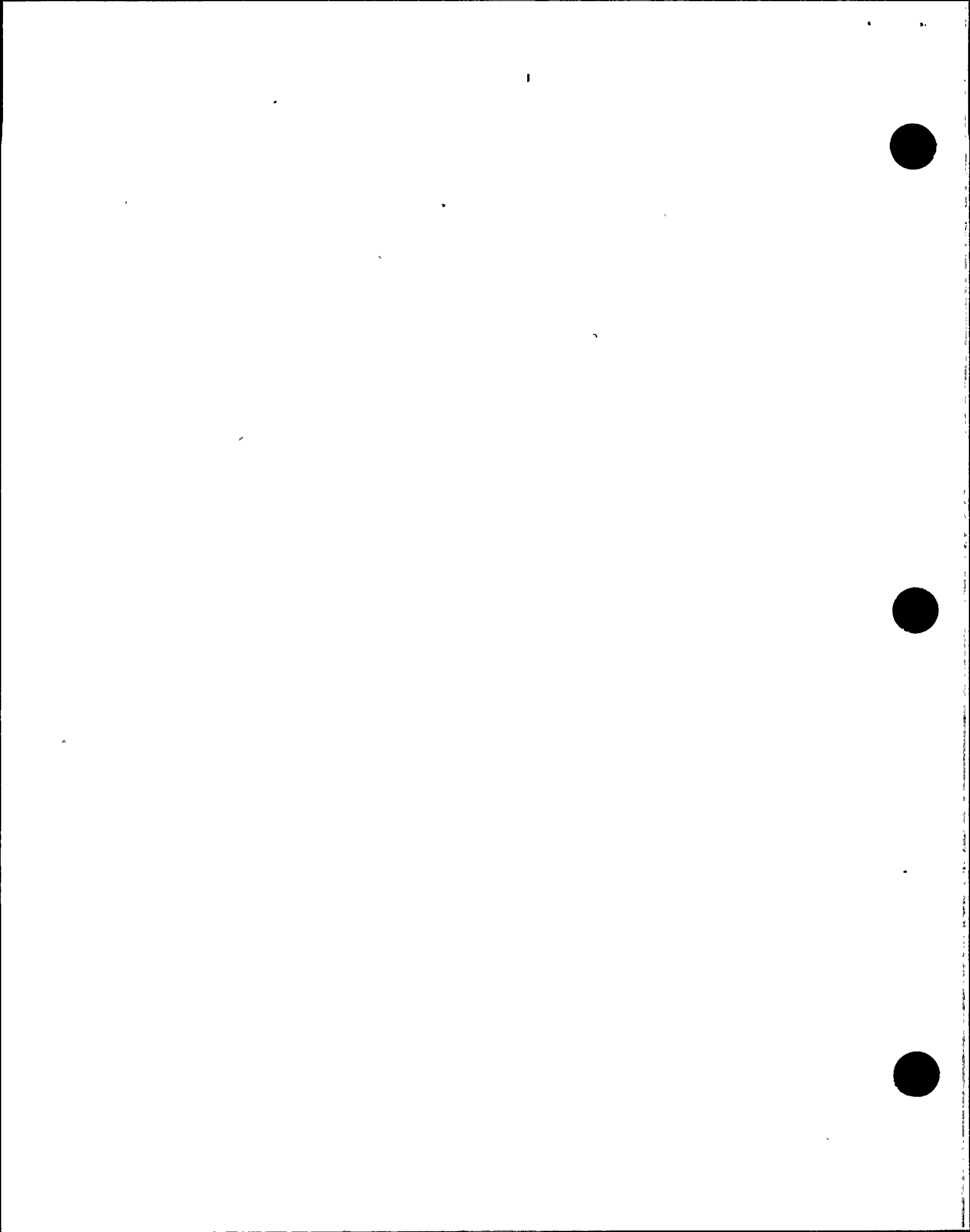
CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
122	53	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	06H- 0.84	0.62		0	17	P 2
128	53	2	C	TEC-TEH	TEC-TEH		00034	610UL	BW1- 1.74	3.02		0	42	P 2
			C	TEC-TEH	TEC-TEH		00034	610UL	BW1- 0.03	2.52		0	39	P 2
134	53	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.93	1.48		0	30	P 2
136	53	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	VS3+ 0.12	0.41		0	12	P 2
138	53	3	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.95	0.67		0	16	P 1
142	53	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	03C- 1.05	0.70		0	19	P 2
69	54	2	C	TEC-TEH	TEC-TEH		00024	610UL	08H+ 0.95	0.21		0	7	P 2
77	54	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.94	0.64		0	15	P 2
81	54	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.95	0.68		0	15	P 2
83	54	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.77	0.54		0	13	P 2
89	54	2	C	TEC-TEH	TEC-TEH		00025	610UL	BW1+ 2.05	0.40		0	9	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS2+ 1.03	0.66		0	14	P 2
97	54	2	C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 2.19	0.40		0	10	P 2
109	54		H	BW1-VS2	BW1-VS2		00836	580BC	BW1+ 4.57TO+ 5.40	1.07		35	SAI	P 1
113	54	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	BW1+ 2.30	0.85		0	20	P 2
119	54	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 0.96	0.31		0	8	P 2
123	54	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	BW1+ 1.45	0.62		0	17	P 2
143	54	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	03C- 1.09	0.75		0	20	P 2
22	55	2	C	TEC-TEH	TEC-TEH		00021	610UL	VS4- 0.81	0.24		0	7	P 2
68	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3+ 0.83	0.71		0	16	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS5+ 1.08	1.78		0	29	P 2
70	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3+ 0.98	0.98		0	20	P 2
74	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.92	1.22		0	23	P 2
78	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	07H+ 0.98	0.34		0	9	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.86	1.64		0	27	P 2
82	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.88	0.31		0	9	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.96	0.42		0	11	P 2
86	55	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.89	1.87		0	29	P 2
90	55	2	C	TEC-TEH	TEC-TEH		00033	610UL	08H+ 0.94	0.80		0	17	P 2
108	55		C	TEC-TEH	TEC-TEH		00033	610UL	BW1+ 1.64	0.37		0	9	P 2
114	55	3	H	BW1-VS2	BW1-VS2		00755	580BC	BW1+ 4.22TO+ 4.99	0.93		74	SAI	P 1
116	55	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.46	0.89		0	20	P 2
			C	TEC-TEH	TEC-09H		00033	610UL	09H- 1.42	0.89		0	10	P 2
118	55	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 1.07	2.61		0	38	P 2
			C	TEC-TEH	TEC-TEH		00033	610UL	09H+ 1.71	2.27		0	29	P 2
120	55	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	09H- 1.09	0.54		0	15	P 2
			C	TEC-TEH	TEC-TEH		00033	610UL	09H- 1.06	1.01		0	13	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.00	0.63		0	18	P 2
122	55	3	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.83	0.56		0	14	P 2
140	55	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.88	0.51		0	14	P 2
69	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.74	1.92		0	30	P 2
71	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.80	0.48		0	12	P 2
75	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 1.01	0.50		0	12	P 2
77	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H- 0.95	0.53		0	13	P 2
83	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H- 0.12	0.64		0	15	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
83	56	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.85	0.59		0	13	P 2
91	56		C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.86	0.41		0	10	P 2
97	56	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.07	1.35		0	27	P 2
101	56	2	C	TEC-TEH	TEC-TEH		00032	610UL	07H- 0.92	0.69		0	11	P 2
109	56		C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.91	0.52		0	13	P 2
111	56		C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.60	1.28		0	26	P 2
113	56	3	H	BW1-VS2	BW1-VS2		00836	580BC	BW1+ 3.69TO+ 4.40	1.47		48	SAI	P 1
117	56	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	08H+ 38.73	0.63		155	19	1
			H	08H-BW1	08H-BW1		00021	610RP	08H+ 39.54	0.99		118	SVI	P 1
			C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.63	2.10		0	34	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	09H- 0.86	1.22		0	25	P 2
			C	TEC-TEH	TEC-TEH		00000	610UL	BW1- 2.00	0.85		0	20	P 2
119	56	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H+ 0.80	0.70		0	17	P 2
123	56	2	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.93	0.42		0	12	P 2
141	56	2	C	TEC-TEH	TEC-TEH		00034	610UL	07H- 0.97	1.54		0	31	P 2
145	56	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	08C+ 0.72	0.43		0	12	P 2
62	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.62	0.36		0	10	P 2
66	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 1.05	0.87		0	18	P 2
76	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.90	0.38		0	10	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS5+ 0.75	0.26		0	8	P 2
78	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	08H+ 0.89	0.73		0	16	P 2
80	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 1.05	0.76		0	17	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS3+ 0.93	1.27		0	23	P 2
84	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	BW1+ 2.20	0.82		0	18	P 2
			C	TEC-TEH	TEC-TEH		00025	610UL	VS3- 0.96	1.37		0	24	P 2
88	57	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS2- 0.87	0.93		0	19	P 2
98	57	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.07	0.81		0	15	P 2
108	57		C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.25	0.49		0	12	P 2
110	57	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.95	0.22		0	7	P 2
112	57	2	C	TEC-TEH	TEC-TEH		00032	610UL	07H+ 0.83	1.99		0	35	P 2
118	57	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.21	0.53		0	13	P 2
120	57	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	09H+ 0.93	0.97		0	23	P 2
132	57	2,3	H	08H-BW1	08H-BW1		00089	610RP	BW1- 0.05TO+ 0.19	0.93		24	SAI	1
142	57	2,3	C	TEC-TEH	TEC-TEH		00034	610UL	VS1- 0.25	1.11		0	24	P 2
			C	TEC-TEH	TEC-TEH		00034	610UL	VS1+ 0.82	1.48		0	30	P 2
27	58	2	C	TEC-TEH	TEC-TEH		00021	610UL	VS4- 1.12	0.85		0	22	P 2
77	58	2	C	TEC-TEH	TEC-TEH		00025	610UL	VS5- 0.84	0.53		0	13	P 2
89	58	2	C	TEC-TEH	TEC-TEH		00026	610UL	08H+ 0.96	0.68		0	13	P 2
93	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.23	1.32		0	26	P 2
95	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.50	1.19		0	24	P 2
99	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.30	1.19		0	24	P 2
101	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 2.16	0.91		0	18	P 2
103	58		C	TEC-TEH	TEC-TEH		00032	610UL	BW1- 2.15	0.68		0	15	P 2
111	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.87	1.30		0	26	P 2
113	58	2	C	TEC-TEH	TEC-TEH		00032	610UL	BW1+ 1.80	0.38		0	11	P 2
117	58	2,3	C	TEC-TEH	TEC-TEH		00000	610UL	09H- 1.41	1.27		0	28	P 2

CONAM NUCLEAR, INC.



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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
129	58	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	VS5+ 20.07	0.39		0	11	P 2
141	58	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	09H+ 0.72	0.64		0	17	P 2
76	59	2	C	TEC-TEH	TEC-TEH		00026	61OUL	VS3- 1.22	0.33		0	7	P 2
80	59		C	TEC-TEH	TEC-TEH		00026	61OUL	01C+ 0.59	0.93		0	18	P 2
86	59	2	C	TEC-TEH	TEC-TEH		00026	61OUL	08H+ 0.95	0.54		0	6	P 2
100	59	2	C	TEC-TEH	TEC-TEH		00032	61OUL	BW1+ 1.87	1.01		0	20	P 2
108	59		C	TEC-TEH	TEC-TEH		00032	61OUL	BW1+ 2.19	0.41		0	10	P 2
110	59	2	C	TEC-TEH	TEC-TEH		00032	61OUL	BW1+ 1.81	0.79		0	14	P 2
114	59	2	C	TEC-TEH	TEC-TEH		00032	61OUL	BW1+ 1.44	0.52		0	4	P 2
116	59	2,3	C	TEC-TEH	TEC-TEH		00000	61OUL	09H- 1.32	1.25		0	26	P 2
120	59	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	09H- 0.88	0.61		0	17	P 2
132	59	1	C	TEC-TEH	TEC-TEH		00034	61OUL	09H+ 0.87	0.65		0	16	P 2
37	60	2	C	TEC-TEH	TEC-TEH		00023	61OUL	VS4- 0.84	0.72		0	17	P 2
91	60	2	C	TEC-TEH	TEC-TEH		00026	61OUL	08H+ 0.74	1.27		0	29	P 2
			C	TEC-TEH	TEC-TEH		00032	61OUL	08H+ 0.93	0.58		0	15	P 2
93	60	2	C	TEC-TEH	TEC-TEH		00032	61OUL	05H+ 0.99	0.53		0	13	P 2
99	60	2	C	TEC-TEH	TEC-TEH		00029	61OUL	08H- 0.09	0.49		0	13	P 2
101	60		C	TEC-TEH	TEC-TEH		00029	61OUL	VS2- 1.07	0.62		0	17	P 2
			C	TEC-TEH	TEC-TEH		00029	61OUL	VS2- 0.31	0.55		0	15	P 2
			C	TEC-TEH	TEC-TEH		00029	61OUL	VS3+ 0.91	0.74		0	19	P 2
103	60	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.94	0.76		0	13	P 2
105	60		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.8	0.76		0	13	P 2
109	60	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 2.21	1.42		0	28	P 2
111	60		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.95	0.50		0	3	P 2
113	60		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.78	0.74		0	12	P 2
115	60		C	TEC-TEH	TEC-TEH		00029	61OUL	07H+ 0.81	0.94		0	18	P 2
117	60	2,3	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 0.75	1.08		0	23	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.53	0.88		0	20	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	BW1- 2.31	0.57		0	6	P 2
119	60	3	C	TEC-TEH	TEC-TEH		00029	61OUL	09H+ 0.97	0.62		0	8	P 2
139	60	1	C	TEC-TEH	TEC-TEH		00034	61OUL	09H+ 0.78	1.04		0	23	P 2
143	60	2,3	C	TEC-TEH	TEC-TEH		00082	61OUL	07H+ 0.76	0.64		0	15	P 2
			C	TEC-TEH	TEC-TEH		00082	61OUL	09H+ 0.66	0.75		0	17	P 2
145	60	2,3	C	TEC-TEH	TEC-TEH		00034	61OUL	09H- 0.97	0.47		0	13	P 2
110	61		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 2.08	0.74		0	12	P 2
116	61	2	C	TEC-TEH	TEC-TEH		00029	61OUL	09H- 1.70	1.43		0	31	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.24	1.88		0	32	P 2
			C	TEC-TEH	TEC-TEH		00029	61OUL	BW1- 2.35	0.76		0	13	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	BW1- 2.26	0.64		0	16	P 2
118	61	2,3	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.22	1.39		0	27	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	BW1- 2.02	0.51		0	10	P 2
120	61	2,3	C	TEC-TEH	TEC-TEH		00035	61OUL	09H+ 1.66	1.64	166	0	11	1
124	61	3	C	TEC-TEH	TEC-TEH		00035	61OUL	09H+ 0.24	0.69		0	17	P 2
87	62	2	C	TEC-TEH	TEC-TEH		00026	61OUL	BW1+ 1.77	1.08		0	25	P 2
89	62	2	C	TEC-TEH	TEC-TEH		00026	61OUL	BW1+ 2.44	0.77		0	16	P 2
117	62	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.28	2.19		0	32	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
123	62	2,3	C	TEC-TEH	TEC-TEH		00035	61OUL	08H+ 1.08	5.40		96	58	P 1
129	62	3	C	TEC-TEH	TEC-TEH		00035	61OUL	VS1- 0.65	0.60		0	15	P 2
131	62	2,3	C	TEC-TEH	TEC-TEH		00035	61OUL	08H+ 0.93	0.39		0	10	P 2
			C	TEC-TEH	TEC-TEH		00035	61OUL	09H+ 0.84	1.21		0	24	P 2
145	62	3	C	TEC-TEH	TEC-TEH		00035	61OUL	09H+ 0.53	0.70		0	17	P 2
118	63	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.18	0.70		0	17	P 2
124	63	3	C	TEC-TEH	TEC-TEH		00036	61OUL	08H+ 0.0	0.82		0	19	P 2
136	63	2,3	C	TEC-TEH	TEC-TEH		00036	61OUL	04H+ 1.04	0.43		0	12	P 2
			C	TEC-TEH	TEC-TEH		00036	61OUL	09H+ 0.97	2.08		0	33	P 2
140	63	2,3	C	TEC-TEH	TEC-TEH		00036	61OUL	09H+ 0.85	1.71		0	33	P 2
23	64	2	C	TEC-TEH	TEC-TEH		00021	61OUL	VS4+ 0.62	0.89		0	19	P 2
117	64	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.66	0.81		0	19	P 2
139	64	2,3	C	TEC-TEH	TEC-TEH		00036	61OUL	06H- 0.87	0.17		0	5	P 2
141	64	1,2	C	TEC-TEH	TEC-TEH		00082	61OUL	09H- 0.91	0.40		0	10	P 2
143	64	1	C	TEC-TEH	TEC-TEH		00036	61OUL	VS1+ 0.78	0.59		0	16	P 2
149	64	3	C	TEC-TEH	TEC-TEH		00036	61OUL	VS1- 0.82	0.38		0	9	P 2
32	65	2	C	TEC-TEH	TEC-TEH		00022	61OUL	VS4- 0.81	0.79		0	18	P 2
86	65	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS3+ 0.93	1.16		0	21	P 2
			C	TEC-TEH	TEC-TEH		00027	61OUL	VS5+ 0.99	0.77		0	12	P 2
110	65	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 2.46	1.39		0	27	P 2
112	65		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.97	0.57		0	6	P 2
118	65	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.34	0.58		115	15	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.23	0.47		0	12	P 2
122	65	3	C	TEC-TEH	TEC-TEH		00038	61OUL	VS2+ 0.81	0.41		0	12	P 2
130	65	3	C	TEC-TEH	TEC-TEH		00036	61OUL	09H- 0.83	0.62		0	15	P 2
			C	TEC-TEH	TEC-TEH		00036	61OUL	09H+ 1.01	0.74		0	18	P 2
			C	TEC-TEH	TEC-TEH		00036	61OUL	VS1+ 0.59	0.52		0	15	P 2
134	65	1,2	C	TEC-TEH	TEC-TEH		00082	61OUL	09H+ 0.68	0.79		0	18	P 2
79	66	2	C	TEC-TEH	TEC-TEH		00082	61OUL	VS3- 0.80	0.46		0	10	P 2
109	66		C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.48	1.64		0	31	P 2
117	66	2	C	TEC-TEH	TEC-TEH		00029	61OUL	09H- 1.29	0.68		0	18	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.28	0.66		0	16	P 2
125	66	2,3	C	TEC-TEH	TEC-TEH		00038	61OUL	09H+ 1.03	0.72		0	17	P 2
135	66	1	C	TEC-TEH	TEC-TEH		00038	61OUL	06C+ 11.12	1.03		157	17	1
145	66	1,2	C	TEC-TEH	TEC-TEH		00038	61OUL	09H+ 0.92	0.67		0	19	P 2
147	66	2	C	TEC-TEH	TEC-TEH		00038	61OUL	08H+ 0.80	0.68		0	16	P 2
70	67		C	TEC-TEH	TEC-TEH		00082	61OUL	VS5- 1.41	0.94		0	20	P 2
72	67	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS3- 0.94	0.61		0	7	P 2
78	67	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS3+ 0.81	0.76		0	12	P 2
90	67	2	C	TEC-TEH	TEC-TEH		00029	61OUL	08H+ 20.49	0.44		124	45	1
			H	08H-BW1	08H-BW1		00428	61ORP	08H+ 21.18	0.61		0	SVI	1
112	67	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+ 1.73	0.85		0	22	P 2
122	67		C	TEC-TEH	TEC-TEH		00038	61OUL	BW1+ 1.77	0.66		0	18	P 2
			C	TEC-TEH	TEC-TEH		00038	61OUL	VS5+ 0.81	0.57		0	16	P 2
134	67	2,3	C	TEC-TEH	TEC-TSH		00038	61OUL	VS5+ 0.81	0.40		0	12	P 2
138	67	1	C	TEC-TEH	TEC-TEH		00038	61OUL	VS1+ 0.00	0.79		0	18	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
				PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
140	67	2	C	TEC-TEH	TEC-TEH		00038	61OUL	08H+	0.98	0.63		0	18	P 2
			C	TEC-TEH	TEC-TEH		00038	61OUL	09H+	0.82	0.46		0	14	P 2
			C	TEC-TEH	TEC-TEH		00038	61OUL	VS1+	0.89	0.54		0	16	P 2
			C	TEC-TEH	TEC-TEH		00038	61OUL	VS3-	0.83	0.52		0	15	P 2
150	67	2,3	C	TEC-TEH	TEC-TEH		00038	61OUL	09H-	1.08	0.69		0	16	P 2
			C	TEC-TEH	TEC-TEH		00038	61OUL	BW2+	1.56	0.73		0	20	P 2
152	67	3	C	TEC-TEH	TEC-TEH		00038	61OUL	09C+	0.41	1.15		0	27	P 2
25	68		C	02C-03C	02C-03C		00235	580BC	02C+	21.90	1.40		0	SVI	1
49	68	2	C	TEC-TEH	TEC-TEH		00022	61OUL	VS4-	1.00	0.61		0	15	P 2
107	68	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+	1.38	0.93		0	18	P 2
117	68	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H-	1.46	0.50		0	13	P 2
123	68		C	TEC-TEH	TEC-TEH		00038	61OUL	BW1+	1.66	1.02		0	18	P 2
135	68	2,3	C	TEC-TEH	TEC-TEH		00038	61OUL	08H+	0.98	0.69		0	16	P 2
143	68	1,2	C	TEC-TEH	TEC-TEH		00038	61OUL	09H+	0.91	0.37				
145	68	1	C	TEC-TEH	TEC-TEH		00082	61OUL	09H+	0.76	0.63				
78	69	2	C	TEC-TEH	TEC-TEH		00029	61OUL	VS3+	0.96	1.62		0	31	P 2
80	69	2	C	TEC-TEH	TEC-TEH		00029	61OUL	VS5+	0.95	1.08		0	22	P 2
84	69	2	C	TEC-TEH	TEC-TEH		00027	61OUL	VS3-	1.00	1.07		0	19	P 2
110	69	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+	1.94	1.08		0	22	P 2
114	69	2	C	TEC-TEH	TEC-TEH		00029	61OUL	BW1+	1.90	0.57		0	6	P 2
142	69	1,2	C	TEC-TEH	TEC-TEH		00038	61OUL	07H+	0.76	1.12		0	23	P 2
146	69	1,2	C	TEC-TEH	TEC-TEH		00038	61OUL	09H+	0.64	0.72		0	19	P 2
39	70		C	TEC-TEH	TEC-TEH		00071	61OUL	07C+	0.86	0.75		0	20	P 2
81	70	2	C	TEC-TEH	TEC-TEH		00061	61OUL	VS5-	0.77	0.39		0	11	P 2
109	70	2	C	TEC-TEH	TEC-TEH		00061	61OUL	BW1+	1.75	0.52		0	16	P 2
111	70	2	C	TEC-TEH	TEC-TEH		00061	61OUL	BW1-	2.04	0.26		0	10	P 2
113	70		C	TEC-TEH	TEC-TEH		00061	61OUL	BW1+	1.88	0.83		0	23	P 2
145	70	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	09H+	0.87	0.53		0	12	P 2
147	70	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	07H+	0.75	0.30		0	7	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	09H-	1.02	0.19		0	4	P 2
72	71		C	TEC-TEH	TEC-TEH		00082	61OUL	08C-	0.95	0.43		0	11	P 2
116	71	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H-	0.89	0.73		0	17	P 2
132	71	2,3	C	TEC-TEH	TEC-TEH		00051	61OUL	09H+	0.86	1.29		0	27	P 2
138	71	1	C	TEC-TEH	TEC-TEH		00051	61OUL	VS7+	0.85	0.38		0	11	P 2
144	71	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	08H-	1.11	0.36		0	8	P 2
148	71	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+	1.77	0.48		0	11	P 2
152	71	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	06H-	0.98	0.34		0	8	P 2
154	71	3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW2+	1.52	2.55		0	36	P 2
65	72	2	C	TEC-TEH	TEC-TEH		00061	61OUL	07H+	0.90	0.27		0	10	P 2
113	72		C	TEC-TEH	TEC-TEH		00061	61OUL	BW1+	1.44	1.66		0	33	P 2
117	72	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H-	1.31	0.43		0	11	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H+	1.12	0.38		0	8	P 2
141	72	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	08H+	0.74	0.39		0	9	P 2
145	72	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	08H-	0.99	0.35		0	8	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	08H+	0.90	0.57		0	13	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+	2.04	0.38		0	9	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
147	72	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	09H+ 0.94	0.78		0	17	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 2.16	0.21		0	4	P 2
153	72	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	05H+ 0.90	0.44		0	10	P 2
82	73	2	C	TEC-TEH	TEC-TEH		00061	61OUL	VS3- 0.81	0.59		0	18	P 2
84	73	2	C	TEC-TEH	TEC-TEH		00061	61OUL	BW1+ 1.87	0.51		0	16	P 2
108	73		C	TEC-TEH	TEC-TEH		00060	61OUL	08H+ 0.96	0.24		0	7	P 2
112	73		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.68	0.68		0	20	P 2
114	73	2	C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.66	1.22		0	28	P 2
116	73	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.13	1.16		0	24	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	VS3- 0.97	1.63		0	30	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	VS5- 0.79	1.45		0	28	P 2
130	73	3	C	TEC-TEH	TEC-TEH		00051	61OUL	09H+ 0.84	0.49		0	14	P 2
142	73	1	C	TEC-TEH	TEC-TEH		00042	61OUL	VS1- 0.64	0.49		0	11	P 2
146	73	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	09H+ 0.80	0.80		0	17	P 2
148	73	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	09H- 0.27	0.50		0	12	P 2
152	73	3	C	TEC-TEH	TEC-TEH		00042	61OUL	VS7- 1.02	0.41		0	10	P 2
154	73	3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW2- 2.31	0.50		0	12	P 2
113	74		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.80	1.26		0	29	P 2
137	74	2,3	C	TEC-TEH	TEC-TEH		00051	61OUL	08H+ 0.82	0.36		0	11	P 2
141	74	1	H	08H-BW1	08H-BW1		00270	61ORP	BW1+ 0.23to+ 1.0	0.61	184	SAI	P 1	
145	74	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	09H+ 0.81	0.58		0	13	P 2
155	74	3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW2+ 1.60	0.76		0	16	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	BW2+ 2.34	3.52		0	42	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	09C+ 0.90	1.14		0	22	P 2
112	75		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.84	0.65		0	19	P 2
114	75		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.56	1.11		0	24	P 2
116	75	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.46	1.18		0	25	P 2
134	75	3	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 1.81	0.16		0	4	P 2
138	75	1	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 1.74	1.01		0	28	P 2
146	75	1	C	TEC-TEH	TEC-TEH		00042	61OUL	09H- 0.19	0.82		0	16	P 2
150	75	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 2.17	0.84		0	18	P 2
152	75	2	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 1.80	0.53		0	12	P 2
109	76		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 2.11	0.67		0	17	P 2
113	76		C	TEC-TEH	TEC-TEH		00060	61OUL	BW1+ 1.82	0.98		0	22	P 2
117	76	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.29	0.74		0	18	P 2
125	76	2	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 3.25	0.64		0	17	P 2
145	76	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	05H- 0.84	0.66		0	15	P 2
149	76	1	C	TEC-TEH	TEC-TEH		00042	61OUL	VS1+ 0.90	0.47		0	11	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	VS3- 0.32	0.49		0	11	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	VS5- 0.68	0.52		0	12	P 2
151	76	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	09H+ 0.82	0.40		0	9	P 2
153	76	2	C	TEC-TEH	TEC-TEH		00042	61OUL	08H+ 0.66	0.56		0	13	P 2
28	77	2	C	TEC-TEH	TEC-TEH		00098	61OUL	VS4- 0.43	0.32		0	18	P 2
48	77	2	C	TEC-TEH	TEC-TEH		00094	61OUL	VS4- 0.85	0.72		0	18	P 2
110	77		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.47	0.90		0	21	P 2
114	77		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.41	0.73		0	18	P 2



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
116	77	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.09	1.07		0	23	P 2
156	77	3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW2+ 0.29	0.75		0	16	P 2
			C	TEC-TEH	TEC-TEH		00042	61OUL	BW2+ 1.46	2.40	108	0	37	P 1
113	78		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.87	0.92		0	19	P 2
117	78	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09C+ 0.72	0.43		0	11	P 2
119	78		C	TEC-TEH	TEC-TEH		00059	61OUL	09H- 0.09	0.47		0	12	P 2
133	78	2	C	TEC-TEH	TEC-TEH		00049	61OUL	09H+ 0.75	0.56		0	16	P 2
			C	TEC-TEH	TEC-TEH		00046	61OUL	09H+ 0.93	0.63		0	16	P 2
137	78	1,2	C	TEC-TEH	TEC-TEH		00046	61OUL	07N+ 0.61	0.88		0	19	P 2
			C	TEC-TEH	TEC-TEH		00049	61OUL	07H+ 0.74	0.69		0	18	P 2
139	78	1	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 1.88	1.01		0	19	P 2
155	78	2	C	TEC-TEH	TEC-TEH		00042	61OUL	08H+ 0.93	0.41		0	10	P 2
114	79	2	C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.44	0.77		0	17	P 2
116	79	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.28	0.59		0	15	P 2
120	79		C	TEC-TEH	TEC-TEH		00049	61OUL	BW2+ 1.89	0.31		0	7	P 2
134	79	2	C	TEC-TEH	TEC-TEH		00045	61OUL	BW1+ 1.79	0.47		0	12	P 2
			C	TEC-TEH	TEC-TEH		00049	61OUL	BW1+ 2.04	0.42		0	12	P 2
111	80		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.5	0.89		0	20	P 2
115	80	2	C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.83	0.96		0	20	P 2
117	80	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.16	0.63		0	16	P 2
129	80		C	TEC-TEH	TEC-TEH		00045	61OUL	VS3+ 0.84	0.36		0	9	P 2
			C	TEC-TEH	TEC-TEH		00049	61OUL	VS3+ 0.91	0.37		0	11	P 2
133	80	2	C	TEC-TEH	TEC-TEH		00049	61OUL	08H+ 0.77	0.44		0	13	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	08H+ 0.87	0.65		0	15	P 2
139	80	1	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 2.11	0.80		0	15	P 2
145	80	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	08H+ 0.90	1.07		0	21	P 2
108	81	2	C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.72	0.47		0	11	P 2
114	81		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.59	0.56		0	14	P 2
116	81	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.35	1.36		0	27	P 2
128	81		C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.78	0.44		0	11	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	09H+ 0.85	0.48		0	11	P 2
			H	08H-BW1	08H-BW1		00486	61ORP	09H+ 0.95	0.70	26	53	SVI	P 1
130	81		C	TEC-TEH	TEC-TEH		00045	61OUL	09H+ 1.02	0.79		0	18	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 1.05	0.53		0	13	P 2
138	81	1	C	TEC-TEH	TEC-TEH		00048	61OUL	VS1+ 0.78	0.48		0	12	P 2
140	81	2,3	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 1.90	1.36		0	25	P 2
144	81	1,2	C	TEC-TEH	TEC-TEH		00042	61OUL	04H- 0.94	0.35		0	8	P 2
152	81	1	C	TEC-TEH	TEC-TEH		00042	61OUL	VS5- 0.85	1.04		0	21	P 2
156	81	3	C	TEC-TEH	TEC-TEH		00042	61OUL	VS1- 1.06	0.65		0	14	P 2
113	82		C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.72	1.44		0	26	P 2
115	82	2	C	TEC-TEH	TEC-TEH		00059	61OUL	BW1+ 1.65	0.93		0	19	P 2
143	82	1	C	TEC-TEH	TEC-TEH		00042	61OUL	BW1+ 1.76	0.77		0	15	P 2
82	83	2	C	TEC-TEH	TEC-TEH		00062	61OUL	VS3- 0.84	0.36		0	13	P 2
126	83	2	C	TEC-TEH	TEC-TEH		00048	61OUL	09H- 1.03	0.48		0	12	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	09H- 0.98	0.41		0	10	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	VS7- 0.75	0.30		0	8	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
142	83	1	H	BW1-VS1	BW1-VS1		00705	580RP	BW1+ 18.35to+ 21.1	2.09		181	SAI	P 1
158	83	3	C	TEC-TEH	TEC-TEH		00043	610UL	O2C- 0.06	0.90		0	19	P 2
111	84		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.63	0.89		0	26	P 2
113	84		C	TEC-TEH	TEC-TEH		00058	610UL	BW1- 1.63	0.39		0	15	P 2
			C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.60	0.98		0	27	P 2
115	84		C	TEC-TEH	TEC-TEH		00058	610UL	O8H- 0.31	0.37		0	14	P 2
			C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.59	0.56		0	19	P 2
129	84		C	TEC-TEH	TEC-TEH		00048	610UL	BW1+ 2.80	0.85		0	19	P 2
131	84	2	C	TEC-TEH	TEC-TEH		00044	610UL	O9H+ 0.80	0.58		0	15	P 2
			C	TEC-TEH	TEC-TEH		00048	610UL	O9H+ 0.97	0.82		0	19	P 2
141	84	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 1.95	1.15		0	22	P 2
147	84	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	O9H+ 0.92	0.33		0	8	P 2
			C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 1.98	0.79		0	18	P 2
151	84	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 2.00	0.92		0	19	P 2
153	84	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	O8H+ 0.83	1.41		0	27	P 2
			C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 2.37	0.58		0	13	P 2
110	85	2	C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.48	0.90		0	15	P 2
112	85		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 2.13	0.59		0	20	P 2
116	85	2	C	TEC-TEH	TEC-TEH		00001	610UL	O9H- 1.24	1.79		0	31	P 2
122	85		C	TEC-TEH	TEC-TEH		00048	610UL	O9H- 0.88	0.51		0	13	P 2
134	85	2,3	C	TEC-TEH	TEC-TEH		00048	610UL	O9H+ 0.81	0.63		0	15	P 2
150	85	1	C	TEC-TEH	TEC-TEH		00043	610UL	VS1- 0.85	0.54		0	12	P 2
35	86	2	C	TEC-TEH	TEC-TEH		00068	610UL	BW1- 1.63	0.81		0	21	P 2
41	86	2	C	TEC-TEH	TEC-TEH		00068	610UL	VS4+ 0.56	0.38		0	10	P 2
107	86		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 2.13	0.39		0	15	P 2
111	86		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.79	0.46		0	17	P 2
117	86	2	C	TEC-TEH	TEC-TEH		00001	610UL	O8H- 0.27	0.81		0	19	P 2
			C	TEC-TEH	TEC-TEH		00001	610UL	O9H- 1.02	0.49		0	13	P 2
127	86		C	TEC-TEH	TEC-TEH		00048	610UL	VS1+ 0.66	0.71		0	16	P 2
133	86	2	C	TEC-TEH	TEC-TEH		00048	610UL	O9H+ 0.85	0.37		0	10	P 2
135	86	2,3	C	TEC-TEH	TEC-TEH		00048	610UL	O8H+ 0.84	0.36		0	10	P 2
143	86	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	O8H+ 0.91	0.59		0	14	P 2
147	86	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	O8H+ 0.78	3.91		0	43	P 2
			C	TEC-TEH	TEC-TEH		00043	610UL	BW1- 1.83	0.78		0	17	P 2
149	86	1	C	TEC-TEH	TEC-TEH		00043	610UL	VS1+ 0.78	0.41		0	9	P 2
151	86	1	C	TEC-TEH	TEC-TEH		00043	610UL	O8H+ 0.92	0.78		0	17	P 2
			C	TEC-TEH	TEC-TEH		00043	610UL	VS1- 0.53	1.12		0	22	P 2
153	86	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	BW1- 1.78	0.97		0	20	P 2
155	86	2,3	C	TEC-TEH	TEC-TEH		00043	610UL	O8H+ 0.84	1.29		0	24	P 2
159	86	3	C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 1.89	0.72		0	16	P 2
			C	TEC-TEH	TEC-TEH		00043	610UL	VS7+ 1.40	0.37		0	9	P 2
38	87	2	C	TEC-TEH	TEC-TEH		00068	610UL	VS4- 0.94	0.66		0	16	P 2
110	87		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.76	0.48		0	17	P 2
112	87		C	TEC-TEH	TEC-TEH		00058	610UL	BW1+ 1.80	0.70		0	22	P 2
			C	TEC-TEH	TEC-TEH		00058	610UL	VS2- 0.99	0.70		0	16	P 2
114	87		C	TEC-TEH	TEC-TEH		00058	610UL	O8H+ 0.93	0.25		0	10	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
 UTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
114	87		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.67	1.00		0	28	P 2
120	87	2	C	TEC-TEH	TEC-TEH		00044	61OUL	09H+ 0.47	0.87		0	18	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.75	1.19		0	24	P 2
128	87	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.29	0.57		0	14	P 2
136	87	1,2	C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.68	0.94		0	21	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	09H+ 0.81	0.75		0	16	P 2
140	87	1	H	BW1-VS1	BW1-VS1		00698	58ORP	BW1+ 19.24to+ 20.2	2.48	5	SAI	P 1	
142	87	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H- 1.18	1.91		0	31	P 2
150	87	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	04H- 0.95	1.95		0	31	P 2
113	88		C	TEC-TEH	TEC-TEH		00058	61OUL	08H+ 0.81	0.40		0	10	P 2
			C	TEC-TEH	TEC-TEH		00058	61OUL	BW1- 2.09	0.35		0	9	P 2
			C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.60	1.05		0	28	P 2
115	88	2	C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.91	1.58		0	28	P 2
127	88		C	TEC-TEH	TEC-TEH		00048	61OUL	02H+ 0.86	0.82		0	19	P 2
129	88		C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 2.73	0.86		0	16	P 2
143	88	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H- 0.33	2.81		0	38	P 2
157	88	2	C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.90	0.43		0	11	P 2
108	89		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.86	0.29		0	12	P 2
116	89	2	C	TEC-TEH	TEC-TEH		00001	61OUL	08H+ 0.93	0.51		0	4	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.23	0.95		0	21	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	09H+ 1.29	1.11		0	24	P 2
122	89		C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 1.87	0.74		0	17	P 2
128	89	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 2.64	0.27		0	7	P 2
130	89		C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.72	0.59		0	15	P 2
132	89		C	TEC-TEH	TEC-TEH		00048	61OUL	VS1+ 0.81	0.33		0	9	P 2
136	89	2,3	C	TEC-TEH	TEC-TEH		00044	61OUL	08H+ 0.79	1.37		0	25	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	08H+ 0.86	1.31		0	26	P 2
146	89	2,3	H	BW1-VS1	BW1-VS1		00870	58OBC	BW1+ 2.74to+ 3.7	0.79	45	SAI	P 1	
148	89	1	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.82	0.59		0	13	P 2
154	89	1	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.75	0.39		0	9	P 2
156	89	2	C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.90	0.85		0	19	P 2
158	89	2	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.99	1.03		0	21	P 2
39	90		C	TEC-TEH	TEC-TEH		00068	61OUL	BW1- 1.77	0.89		0	22	P 2
			C	TEC-TEH	TEC-TEH		00068	61OUL	BW2- 1.11	0.57		0	16	P 2
105	90		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.59	0.40		0	15	P 2
113	90		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.46	1.20		0	30	P 2
115	90		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 2.30	0.24		0	10	P 2
117	90	2	C	TEC-TEH	TEC-TEH		00001	61OUL	09H- 1.05	0.70		0	17	P 2
121	90	2	C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.62	0.51		0	13	P 2
125	90	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.64	0.46		0	12	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.04	0.79		0	18	P 2
127	90		C	TEC-TEH	TEC-TEH		00044	61OUL	09H- 0.16	0.47		0	11	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	09H- 0.12	0.60		0	15	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 2.75	0.94		0	21	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.75	0.52		0	14	P 2
129	90		C	TEC-TEH	TEC-TEH		00044	61OUL	09H+ 1.00	0.21		0	5	P 2



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
129	90		C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 1.03	0.27		0	7	P 2
133	90	2	C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.67	0.46		0	12	P 2
141	90	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.93	0.68		0	15	P 2
145	90	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.94	0.37		0	10	P 2
151	90	1,2	H	05H-05H	05H-05H		00344	61ORP	05H+ 0.76TO+ 1.00	0.78		0	SAI	P 1
			C	TEC-TEH	TEC-TEH		00043	61OUL	05H+ 0.99	0.59		69	73	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H- 0.17	0.61		0	15	P 2
153	90	1	C	TEC-TEH	TEC-TEH		00043	61OUL	02C- 0.19	0.42		0	10	P 2
155	90	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	05H- 0.80	0.73		0	18	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.90	0.52		0	13	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.98	0.92		0	19	P 2
157	90	2	C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.84	0.96		0	20	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	09H- 1.00	0.17		0	4	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.66	0.93		0	19	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	VS7+ 0.79	0.61		0	14	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	BW2+ 1.51	1.04		0	21	P 2
159	90	3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW2+ 0.85	1.05		0	21	P 2
84	91	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS3+ 0.71	0.71		0	18	P 2
			C	VS3-VS3	VS3-VS3		00222	58ORP	VS3+ 0.78	0.82		0	11	P 1
120	91	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 2.18	0.63		0	15	P 2
122	91		C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 1.74	0.48		0	12	P 2
124	91	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.06	0.87		0	17	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	BW1+ 3.34	0.83		0	18	P 2
126	91	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.04	0.48		0	12	P 2
128	91	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 3.02	0.75		0	19	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.06	0.86		0	20	P 2
			H	08H-VS1	08H-VS1		00884	580BC	BW1+ 6.61TO+ 8.26	1.26		33	SAI	P 1
140	91	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.82	0.90		0	19	P 2
154	91	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1+ 0.63	0.58		0	13	P 2
156	91	3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.75	0.75		0	16	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	02C+ 0.81	0.45		0	10	P 2
158	91	3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.91	0.25		0	6	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	02C+ 0.84	0.36		0	9	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	02C- 0.84	0.95		0	20	P 2
79	92	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS3- 0.84	0.56		0	14	P 2
105	92		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.90	0.33		0	13	P 2
115	92		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.83	0.46		0	17	P 2
117	92	2	C	TEC-TEH	TEC-TEH		00001	61OUL	BW1+ 2.10	2.00		0	33	P 2
125	92	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1+ 3.26	0.61		0	15	P 2
127	92		C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.09	0.54		0	12	P 2
129	92		C	TEC-TEH	TEC-TEH		00048	61OUL	09H+ 0.59	0.34		0	9	P 2
131	92		H	08H-BW1	08H-BW1		00465	61ORP	09H+ 16.14TO+ 16.50	0.58		117	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	VS1+ 0.86	0.69		0	15	P 2
133	92	2	C	TEC-TEH	TEC-TEH		00048	61OUL	BW1- 2.52	1.26		0	25	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1- 2.11	1.12		0	22	P 2
			C	TEC-TEH	TEC-TEH		00048	61OUL	VS1+ 0.77	0.38		0	9	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
137	92	2,3	C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.14	0.53		0	12	P 2
139	92	1	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.74	0.75		0	16	P 2
149	92	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.93	0.42		0	10	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	VS1+ 1.14	0.45		0	11	P 2
155	92	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1+ 0.85	0.45		0	10	P 2
157	92	2	C	TEC-TEH	TEC-TEH		00043	61OUL	08H+ 0.85	1.56		0	27	P 2
159	92	3	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1- 0.66	0.28		0	7	P 2
48	93	2	C	TEC-TEH	TEC-TEH		00068	61OUL	VS4- 0.98	1.13		0	26	P 2
86	93	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS5+ 0.72	0.77		0	19	P 2
114	93	2	C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.91	1.20		0	23	P 2
			C	TEC-TEH	TEC-TEH		00058	61OUL	VS5+ 0.99	0.41		0	7	P 2
116	93	2	C	TEC-TEH	TEC-TEH		00001	61OUL	VS2- 0.71	0.68		0	17	P 2
			C	TEC-TEH	TEC-TEH		00001	61OUL	VS3- 0.71	0.46		0	12	P 2
124	93	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.80	0.29				
			C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.86	1.14				
126	93	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.80	0.63		0	16	P 2
			C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.83	0.67		0	14	P 2
			C	TEC-TEH	TEC-TEH		00045	61OUL	BW1+ 2.89	0.79		0	18	P 2
			H	BW1-VS1	BW1-VS1		00890	580BC	BW1+ 7.15to+ 8.2	0.89		268	SAI	P 1
128	93	2	H	08H-BW1	09H-BW1		00051	61ORP	BW1+ 0.80TO+ 1.04	0.33		120	SAI	P 1
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 1.76	0.48		0	11	P 2
			C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.18	0.89		0	18	P 2
130	93		C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 1.73	0.51		0	12	P 2
			C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 2.11	0.83		0	17	P 2
132	93	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 1.86	0.32		0	7	P 2
			C	TEC-TEH	TEC-TEH		00047	61OUL	BW1+ 1.86	0.86		0	18	P 2
			H	08H-VS1	BW1-VS1		00890	580BC	BW1+ 7.90to+ 8.5	1.11		52	SAI	P 1
134	93	2	C	TEC-TEH	TEC-TEH		00047	61OUL	BW1- 2.13	0.45		0	10	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1- 2.11	0.38		0	9	P 2
138	93	1	C	TEC-TEH	TEC-TEH		00047	61OUL	09H+ 0.49	0.40		0	10	P 2
			H	BW1-VS1	BW1-VS1		00685	580RP	BW1+ 2.79to+ 5.2	2.71		124	SAI	1
142	93	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1- 2.09	0.74		0	16	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.61	1.31		0	26	P 2
144	93	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1- 2.13	0.58		0	13	P 2
146	93	1	H	BW1-VS1	BW1-VS1		00767	580BC	BW1+ 3.61to+ 4.0	0.78		51	SAI	P 1
148	93	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1- 1.94	0.80		0	17	P 2
150	93	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.75	1.15		0	22	P 2
152	93	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1- 0.88	0.34		0	9	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	VS1+ 0.73	0.20		0	4	P 2
158	93	2	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.95	1.43		0	26	P 2
41	94	2	H	TEH-TSH	TEH-TSH		00382	61ORP	TEH+ 1.99TO+ 2.50	15.90		22	SAI	P 1
			C	TEC-TEH	TEC-TEH		00068	61OUL	TEH+ 2.19	6.63		31	99	P 1
83	94	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS5- 0.74	0.66		0	16	P 2
111	94		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.64	0.43		0	16	P 2
113	94		C	TEC-TEH	TEC-TEH		00058	61OUL	BW1+ 1.49	0.82		0	14	P 2
123	94	2	C	TEC-TEH	TEC-TEH		00046	61OUL	09H- 0.22	0.68		0	16	P 2



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT.		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
123	94	2	C	TEC-TEH	TEC-TEH		00044	61OUL	09H- 0.16	0.48		0	11	P 2
125	94	2	H	08H-VS1	08H-VS1		00884	580BC	08H+ 24.69TO+ 26.00	0.55		44	SAI	P 1
			H	08H-VS1	08H-VS1		00884	580BC	08H+ 30.47TO+ 31.90	0.90		82	SAI	P 1
			H	08H-VS1	08H-VS1		00884	580BC	08H+ 38.55TO+ 39.80	0.84		37	SAI	P 1
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.55	1.16		0	31	P 2
			C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.58	1.78		0	30	P 2
			H	08H-VS1	08H-VS1		00884	580BC	BW1+ 6.64TO+ 7.20	0.82		73	SAI	P 1
127	94		C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.39	1.99		0	32	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.71	1.01		0	29	P 2
			H	08H-VS1	08H-VS1		00890	580BC	BW1+ 5.91to+ 8.3	1.65		30	SAI	P 1
137	94	1	H	BW1-VS1	BW1-VS1		00795	580BC	BW1+ 18.86	2.92		9	SAI	P 1
153	94	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1- 0.82	1.76		0	30	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	VS7- 0.79	0.86		0	18	P 2
155	94	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS1- 0.79	0.80		0	17	P 2
157	94	2	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.75	2.01		0	32	P 2
110	95		C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 1.78	0.71		0	16	P 2
114	95	2	C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 1.91	0.63		0	14	P 2
126	95	2	C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.71	0.77		0	17	P 2
			C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 2.77	0.38		0	9	P 2
130	95		C	TEC-TEH	TEC-TEH		00046	61OUL	09H+ 0.91	0.76		0	17	P 2
132	95	2	C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.26	0.92		0	20	P 2
144	95	1	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.84	0.51		0	12	P 2
156	95	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.75	0.51		0	12	P 2
			C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 2.04	1.49		0	27	P 2
39	96	2	C	TEC-TEH	TEC-TEH		00068	61OUL	BW1- 1.48	1.54		0	30	P 2
103	96	2	C	TEC-TEH	TEC-TEH		00057	61OUL	VS5+ 0.82	0.36		0	9	P 2
113	96		C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 1.82	0.52		0	12	P 2
117	96	2	C	TEC-TEH	TEC-TEH		00001	61OUL	BW1+ 1.55	0.89		0	17	P 2
121	96		C	TEC-TEH	TEC-TEH		00046	61OUL	09H+ 0.73	0.54		0	13	P 2
127	96		H	08H-BW1	08H-BW1		00459	61ORP	08H+ 13.96TO+ 14.90	0.66		0	SAI	P 1
			H	08H-BW1	08H-BW1		00459	61ORP	08H+ 33.46TO+ 34.00	0.81		0	SAI	P 1
			H	08H-BW1	08H-BW1		00459	61ORP	08H+ 39.66TO+ 39.90	0.44		0	SAI	P 1
			H	08H-BW1	08H-BW1		00459	61ORP	08H+ 40.98TO+ 41.60	0.93		0	SAI	P 1
			H	BW1-VS1	BW1-VS1		00688	580RP	BW1+ 2.35to+ 2.8	1.07		35	SAI	1
			C	TEC-TEH	TEC-TEH		00234	61OMF	BW1+ 3.51	1.18		0	23	P 2
			H	BW1-VS1	BW1-VS1		00688	580RP	BW1+ 3.92to+ 6.3	1.43		149	SAI	1
129	96		C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.53	0.56		0	14	P 2
			C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.06	0.88		0	19	P 2
			C	TEC-TEH	TEC-TEH		00234	61OMF	BW1+ 2.25	1.08		0	22	P 2
			H	08H-08H	BW1-BW1		00343	61ORP	BW1+ 2.86TO+ 3.40	1.66		0	SAI	1
			H	08H-08H	BW1-VS1		00528	580RP	BW1+ 5.80TO+ 7.60	1.31		91	SAI	P 1
133	96	2	C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.01	1.26		0	24	P 2
135	96	1,2	C	TEC-TEH	TEC-TEH		00046	61OUL	09H+ 0.24	1.38		0	26	P 2
143	96	1,2	C	TEC-TEH	TEC-TEH		00043	61OUL	09H+ 0.95	1.03		0	22	P 2
149	96	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 2.35	0.76		0	17	P 2
155	96	1	C	TEC-TEH	TEC-TEH		00043	61OUL	VS7+ 1.23	0.70		0	15	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
40	97	2	C	TEC-TEH	TEC-TEH		00068	61OUL	BW1+ 2.13	1.16		0	26	P 2
			C	TEC-TEH	TEC-TEH		00068	61OUL	VS4- 0.52	0.62		0	17	P 2
100	97	2	C	TEC-TEH	TEC-TEH		00057	61OUL	08H- 0.85	0.28		0	7	P 2
112	97		C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 2.19	0.51		0	12	P 2
114	97		C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 1.40	0.64		0	14	P 2
128	97	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1+ 1.91	1.18		0	23	P 2
			C	TEC-TEH	TEC-TEH		00046	61OUL	BW1+ 2.26	1.49		0	27	P 2
132	97	2	C	TEC-TEH	TEC-TEH		00044	61OUL	BW1- 2.12	0.48		0	11	P 2
			C	TEC-TEH	TEC-TEH		00046	61OUL	BW1- 1.87	0.56		0	15	P 2
140	97	2,3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 1.89	1.47		0	27	P 2
156	97	3	C	TEC-TEH	TEC-TEH		00043	61OUL	BW1+ 2.02	0.79		0	17	P 2
39	98	2	C	TEC-TEH	TEC-TEH		00065	61OUL	BW1- 2.15	2.66		0	41	P 2
43	98	2	C	TEC-TEH	TEC-TEH		00065	61OUL	BW1- 1.89	0.40		0	14	P 2
45	98	2	C	TEC-TEH	TEC-TEH		00065	61OUL	VS4- 0.78	0.59		0	19	P 2
113	98		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.81	1.06		0	23	P 2
117	98	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.22	1.20		0	24	P 2
119	98		H	TEH-TEC	TEH-TEC		00040	61OUL	08H+ 0.85	0.53		0	11	P 2
129	98		C	TEC-TEH	TEC-TEH		00051	61OUL	09H+ 0.84	1.84		0	33	P 2
			H	BW1-VS1	BW1-VS1		00691	580RP	BW1+ 2.83 31	1.67		0	SVI	P 1
			H	BW1-VS1	BW1-VS1		00691	580RP	BW1+ 4.08TO+ 5.30	1.21		36	SAI	P 1
			H	BW1-VS1	BW1-VS1		00691	580RP	BW1+ 6.62TO+ 7.40	0.66		86	SAI	P 1
133	98	2	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1- 2.92	0.96		0	23	P 2
139	98	1	C	TEC-TEH	TEC-TEH		00051	61OUL	VS5+ 31.41	0.68		159	11	1
141	98	2,3	C	TEC-TEH	TEC-TEH		00057	61OUL	09H+ 0.93	0.91		0	19	P 2
			C	TEC-TEH	TEC-TEH		00057	61OUL	BW1- 1.81	0.59		0	13	P 2
145	98	1	C	TEC-TEH	TEC-TEH		00057	61OUL	09H- 0.88	0.72		0	16	P 2
112	99		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.52	1.01		0	22	P 2
114	99	2	H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.75	0.95		0	21	P 2
128	99	2	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+ 2.58	0.70		0	18	P 2
140	99	1,2	C	TEC-TEH	TEC-TEH		00056	61OUL	09H+ 0.55	0.52		0	12	P 2
142	99	1	H	BW1-VS1	BW1-VS1		00691	580RP	BW1+ 3.53to+ 4.1	1.69		22	SAI	P 1
144	99	1	H	BW1-VS1	BW1-VS1		00702	580RP	BW1+ 4.55to+ 7.1	1.71		31	SAI	P 1
150	99	1	H	BW1-VS1	BW1-VS3		00746	580BC	BW1+ 18.38TO+ 19.65	2.33		52	SAI	P 1
152	99	1	C	TEC-TEH	TEC-TEH		00056	61OUL	09H- 0.85	0.75		0	17	P 2
			C	TEC-TEH	TEC-TEH		00056	61OUL	09H+ 0.85	0.68		0	16	P 2
154	99	2,3	C	TEC-TEH	TEC-TEH		00057	61OUL	BW1- 2.22	1.09		0	17	P 2
158	99	2	C	TEC-TEH	TEC-TEH		00057	61OUL	BW1+ 1.90	0.64		0	14	P 2
			C	TEC-TEH	TEC-TEH		00057	61OUL	VS1+ 0.87	0.39		0	9	P 2
			C	TEC-TEH	TEC-TEH		00057	61OUL	BW2- 1.84	0.41		0	10	P 2
83	100	2	H	TEH-TEC	TEH-TEC		00040	61OUL	VS3+ 0.17	1.16		0	25	P 2
111	100		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.59	1.54		0	28	P 2
113	100		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.45	1.11		0	24	P 2
115	100	2	H	TEH-TEC	TEH-TEC		00040	61OUL	BW1- 1.86	0.38		0	7	P 2
			H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+ 1.81	1.15		0	24	P 2
117	100	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 0.30	1.67		0	30	P 2
119	100		H	TEH-TEC	TEH-TEC		00040	61OUL	08H- 0.32	0.68		0	15	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
				PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
131	100	2	C	TEC-TEH	TEC-TEH		00051	61OUL	BW1+	2.84	0.36		0	11	P 2
137	100	1,2	C	TEC-TEH	TEC-TEH		00051	61OUL	O9H-	0.78	0.48		0	14	P 2
155	100	1	C	TEC-TEH	TEC-TEH		00056	61OUL	VS5-	0.94	0.56		0	10	P 2
			C	TEC-TEH	TEC-TEH		00056	61OUL	VS7+	0.81	0.83		0	14	P 2
38	101		C	TEC-TEH	TEC-TEH		00065	61OUL	BW2+	1.94	0.35		0	13	P 2
112	101		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+	1.75	0.38		0	7	P 2
			H	TEH-TEC	TEH-TEC		00040	61OUL	VS5-	1.34	0.30		0	10	P 2
114	101		H	TEH-TEC	TEH-TEC		00040	61OUL	BW1-	1.81	0.66		0	15	P 2
			H	TEH-TEC	TEH-TEC		00040	61OUL	BW1+	1.72	0.90		0	19	P 2
116	101	2	H	TEH-TEC	TEH-TEC		00003	61OUL	O9H-	1.38	1.89		0	32	P 2
126	101	2	C	TEC-TEH	TEC-TEH		00051	61OUL	O9H-	0.94	0.61		0	17	P 2
130	101		C	TEC-TEH	TEC-TEH		00051	61OUL	BW2+	2.21	0.28		0	9	P 2
132	101		C	TEC-TEH	TEC-TEH		00051	61OUL	VS3-	0.82	0.40		0	12	P 2
			C	TEC-TEH	TEC-TEH		00051	61OUL	VS3+	0.41	0.86		0	21	P 2
156	101	3	C	TEC-TEH	TEC-TEH		00056	61OUL	VS5-	0.60	1.18		0	19	P 2
			C	TEC-TEH	TEC-TEH		00056	61OUL	VS7-	0.66	0.98		0	16	P 2
158	101	2	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1+	2.01	1.48		0	27	P 2
37	102	2	C	TEC-TEH	TEC-TEH		00066	61OUL	BW1-	2.05	0.83		0	18	P 2
99	102		H	TEH-TEC	TEH-TEC		00039	61OUL	O1C+	0.55	1.12		0	12	P 2
113	102		H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+	1.58	0.71		0	17	P 2
115	102		H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+	1.35	0.78		0	17	P 2
117	102	2	H	TEH-TEC	TEH-TEC		00003	61OUL	O8H-	0.17	0.69		0	16	P 2
			H	TEH-TEC	TEH-TEC		00003	61OUL	O9H-	1.25	1.19		0	24	P 2
135	102	1	H	BW1-VS1	BW1-VS1		00695	580RP	BW1+	1.45to+ 2.0	1.33		36	SAI	P 1
			H	BW1-VS1	BW1-VS1		00695	580RP	BW1+	6.19to+ 6.6	3.96		21	SAI	P 1
137	102	1	C	TEC-TEH	TEC-TEH		00052	61OUL	BW1+	2.15	0.85		0	19	P 2
147	102	1	H	BW1-VS1	BW1-VS1		00861	580BC	BW1+	7.83TO+ 10.90	0.83		68	SAI	P 1
			H	BW1-VS1	BW1-VS1		00861	580BC	BW1+	13.45TO+ 13.90	0.95		58	SAI	P 1
			H	BW1-VS1	BW1-VS1		00861	580BC	BW1+	18.88TO+ 19.80	1.33		51	SAI	P 1
42	103	2	C	TEC-TEH	TEC-TEH		00066	61OUL	VS4-	0.78	1.28		0	24	P 2
94	103		H	TEH-TEC	TEH-TEC		00039	61OUL	O1C+	0.43	1.47		0	29	P 2
108	103	2	H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+	1.45	0.43		0	10	P 2
114	103	2	H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+	1.69	1.47		0	29	P 2
116	103	2	H	TEH-TEC	TEH-TEC		00003	61OUL	O9H-	1.02	0.77		0	17	P 2
122	103		C	TEC-TEH	TEC-TEH		00052	61OUL	O9H+	0.92	0.38		0	11	P 2
			C	TEC-TEH	TEC-TEH		00052	61OUL	BW1+	1.61	0.53		0	15	P 2
132	103		C	TEC-TEH	TEC-TEH		00052	61OUL	BW1+	2.6	0.68		0	16	P 2
146	103	1	C	TEC-TEH	TEC-TEH		00056	61OUL	VS3-	0.80	0.96		0	20	P 2
156	103	2,3	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1+	1.80	0.27		0	9	P 2
83	104	2	H	TEH-TEC	TEH-TEC		00041	61OUL	VS5-	0.91	0.74		0	9	P 2
93	104		H	TEH-TEC	TEH-TEC		00039	61OUL	O1C+	0.43	1.54		0	29	P 2
113	104		H	TEH-TEC	TEH-TEC		00039	61OUL	BW1-	1.81	1.26		0	26	P 2
			H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+	1.28	0.81		0	19	P 2
119	104		C	TEC-TEH	TEC-TEH		00053	61OUL	O8H-	0.28	0.40		0	9	P 2
			H	TEH-TEC	TEH-TEC		00039	61OUL	O8H-	0.18	0.41		0	9	P 2
129	104		C	TEC-TEH	TEC-TEH		00053	61OUL	BW1-	2.48	0.50		0	13	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION			CURRENT				
				PROGRAM	ACTUAL				VOLTS	MIL	DEG	%	CH			
133	104		H	08H-BW1	08H-BW1		00456	610RP	BW1+	1.89TO+	2.60	0.97		59	SAI	1
			C	TEC-TEH	TEC-TEH		00234	610MF	BW1+	1.97		0.97		0	22	P 2
135	104	2,3	C	TEC-TEH	TEC-TEH		00052	610UL	BW1+	2.14		0.92		0	16	P 2
139	104	1	C	TEC-TEH	TEC-TEH		00052	610UL	VS1+	0.86		0.53		0	15	P 2
159	104	3	C	TEC-TEH	TEC-TEH		00056	610UL	BW2+	1.59		0.25		0	6	P 2
40	105	2	C	TEC-TEH	TEC-TEH		00066	610UL	BW1+	1.74		0.41		0	10	P 2
82	105	2	H	TEH-TEC	TEH-TEC		00041	610UL	VS5+	1.08		1.51		0	18	P 2
114	105		H	TEH-TEC	TEH-TEC		00039	610UL	BW1-	1.81		0.38		0	7	P 2
			H	TEH-TEC	TEH-TEC		00039	610UL	BW1+	1.72		0.57		0	13	P 2
132	105	2	C	TEC-TEH	TEC-TEH		00053	610UL	BW1+	2.21		0.68		0	18	P 2
134	105	3	H	08H-BW1	08H-BW1		00324	610RP	BW1+	1.10TO+	2.10	0.64		0	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	BW1+	2.00		1.27		0	27	P 2
136	105	1	C	TEC-TEH	TEC-TEH		00053	610UL	VS5+	0.90		0.50		0	13	P 2
144	105	1	C	TEC-TEH	TEC-TEH		00056	610UL	BW1+	1.42		0.90		0	20	P 2
154	105	1	C	TEC-TEH	TEC-TEH		00080	610UL	09H-	0.91		1.07		0	24	P 2
			C	TEC-TEH	TEC-TEH		00080	610UL	BW1-	2.01		0.56		0	14	P 2
156	105	3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1-	1.83		0.39		0	13	P 2
45	106	2	C	TEC-TEH	TEC-TEH		00066	610UL	VS4-	0.84		0.35		0	8	P 2
81	106	2	H	TEH-TEC	TEH-TEC		00041	610UL	VS5-	0.93		1.13		0	13	P 2
143	106	1	C	TEC-TEH	TEC-TEH		00056	610UL	BW1-	2.22		0.57		0	13	P 2
145	106	2,3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1-	2.31		0.69		0	20	P 2
147	106	2,3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1+	1.57		0.67		0	15	P 2
149	106	2,3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1-	2.12		0.44		0	11	P 2
			C	TEC-TEH	TEC-TEH		00056	610UL	VS3-	0.98		0.63		0	14	P 2
38	107	2	C	TEC-TEH	TEC-TEH		00066	610UL	VS4+	0.74		0.55		0	13	P 2
86	107	2	C	TEC-TEH	TEC-TEH		00080	610UL	VS5+	0.99		0.85		0	20	P 2
110	107		H	TEH-TEC	TEH-TEC		00039	610UL	BW2+	1.90		0.38		0	7	P 2
114	107		H	TEH-TEC	TEH-TEC		00039	610UL	BW1-	1.46		0.42		0	9	P 2
			H	TEH-TEC	TEH-TEC		00039	610UL	BW1+	1.69		0.35		0	6	P 2
118	107	2	H	TEH-TEC	TEH-TEC		00003	610UL	BW1+	1.08		0.57		0	13	P 2
136	107	1,2	C	TEC-TEH	TEC-TEH		00053	610UL	09H+	0.89		1.00		0	23	P 2
144	107	2,3	C	TEC-TEH	TEC-TEH		00056	610UL	09H+	0.79		0.48		0	11	P 2
			C	TEC-TEH	TEC-TEH		00056	610UL	BW1-	1.97		0.64		0	15	P 2
117	108	2	H	TEH-TEC	TEH-TEC		00003	610UL	09H+	1.02		0.55		0	13	P 2
143	108	1,2	C	TEC-TEH	TEC-TEH		00056	610UL	09H+	0.85		1.22		0	23	P 2
147	108	2,3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1+	1.75		0.89		0	19	P 2
155	108	3	C	TEC-TEH	TEC-TEH		00056	610UL	BW1+	1.68		1.28		0	26	P 2
			C	TEC-TEH	TEC-TEH		00056	610UL	BW2+	1.22		0.63		0	14	P 2
30	109		C	TEC-TEH	TEC-TEH		00066	610UL	BW2-	1.56		0.57		0	13	P 2
68	109		H	TEH-TEC	TEH-TEC		00042	610UL	01C+	0.54		0.73		0	12	P 2
106	109		H	TEH-TEC	TEH-TEC		00039	610UL	BW1-	1.86		0.41		0	8	P 2
128	109		C	TEC-TEH	TEC-TEH		00053	610UL	VS7-	0.66		0.67		0	18	P 2
			C	TEC-TEH	TEC-TEH		00053	610UL	VS7+	0.72		0.39		0	12	P 2
130	109		C	TEC-TEH	TEC-TEH		00053	610UL	BW1+	1.61		0.32		0	10	P 2
132	109		C	TEC-TEH	TEC-TEH		00053	610UL	BW1+	1.67		0.67		0	18	P 2
134	109	2,3	C	TEC-TEH	TEC-TEH		00053	610UL	09H+	0.97		0.70		0	18	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
138	109	1,2	C	TEC-TEH	TEC-TSH		00053	61OUL	09H+ 0.75	0.67		0	18	P 2
140	109	2,3	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1+ 1.86	0.79		0	13	P 2
31	110	2	C	TEC-TEH	TEC-TEH		00066	61OUL	VS4- 1.06	0.40		0	10	P 2
115	110		H	TEH-TEC	TEH-TEC		00039	61OUL	BW1+ 1.88	0.26		0	4	P 2
117	110	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.00	0.75		0	17	P 2
155	110	2,3	H	09H-BW1	09H-BW1		00254	61ORP	09H+ 35.06	2.44		7	SVI	P 1
28	111	2	C	TEC-TEH	TEC-TEH		00066	61OUL	BW1- 2.11	0.30		0	7	P 2
			C	TEC-TEH	TEC-TEH		00066	61OUL	VS4- 0.96	0.20		0	5	P 2
42	111	2	C	TEC-TEH	TEC-TEH		00066	61OUL	VS4- 0.28	0.48		0	13	P 2
116	111	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.44	0.65		0	15	P 2
134	111	3	H	08H-BW1	08H-BW1		00319	61ORP	09H+ 20.17to+ 20.80	1.27	96	SAI	P 1	
136	111	1,2	C	TEC-TEH	TEC-TEH		00054	61OUL	09H+ 0.84	1.24		0	27	P 2
148	111	2,3	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1- 1.27	1.31		0	25	P 2
			C	TEC-TEH	TEC-TEH		00056	61OUL	BW1+ 1.87	2.07		0	32	P 2
156	111	3	C	TEC-TEH	TEC-TEH		00056	61OUL	BW1+ 1.85	0.26		0	9	P 2
117	112	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.27	1.29		0	25	P 2
			H	TEH-TEC	TEH-TEC		00003	61OUL	09H+ 0.71	0.70		0	16	P 2
133	112		H	BW1-VS1	BW1-VS1		00708	58ORP	BW1+ 6.35	1.09	121	SVI	P 1	
149	112	1	C	TEC-TEH	TEC-TEH		00055	61OUL	VS1- 0.62	0.68	161	15	P 2	
153	112	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW2- 1.57	1.22		0	21	P 2
44	113	2	C	TEC-TEH	TEC-TEH		00066	61OUL	VS4- 0.74	0.40		0	10	P 2
66	113	2	C	TEC-TEH	TEC-TEH		00080	61OUL	VS5+ 0.50	0.53		0	15	P 2
70	113	2	C	TEC-TEH	TEC-TEH		00080	61OUL	VS5+ 0.46	0.64		0	18	P 2
114	113		H	TEH-TEC	TEH-TEC		00038	61OUL	BW1- 1.87	0.48		0	16	P 2
130	113		C	TEC-TEH	TEC-TEH		00054	61OUL	09H+ 1.03	0.45		0	13	P 2
132	113	2	C	TEC-TEH	TEC-TEH		00054	61OUL	09H+ 1.03	0.55		0	15	P 2
154	113	3	C	TEC-TEH	TEC-TEH		00055	61OUL	BW2+ 2.24	1.11		0	20	P 2
67	114	2	C	TEC-TEH	TEC-TEH		00080	61OUL	08H+ 1.99	0.41		0	12	P 2
			C	TEC-TEH	TEC-TEH		00080	61OUL	VS5+ 1.27	0.31		0	9	P 2
119	114		H	TEH-TEC	TEH-TEC		00038	61OUL	09H- 0.18	0.77		0	12	P 2
143	114	1	C	TEC-TEH	TSC-TEH		00055	61OUL	VS1+ 0.74	0.65	119	14	P 2	
149	114	1	H	08H-LB1	08H-LB1		00213	61ORP	08H+ 0.27to+ 0.40	0.33	3	SAI	P 1	
130	115		C	TEC-TEH	TEC-TEH		00054	61OUL	09H+ 0.97	0.43		0	13	P 2
144	115	1,2	H	09H-LB1	08H-BW1		00227	61ORP	09H+ 25.89to+ 26.20	0.91	110	SAI	P 1	
			H	09H-LB1	08H-BW1		00227	61ORP	09H+ 27.70to+ 28.20	0.81	127	SAI	P 1	
			H	09H-LB1	08H-BW1		00227	61ORP	09H+ 32.34to+ 32.90	0.87	146	SAI	P 1	
146	115	1,2	H	09H-LB1	08H-BW1		00231	61ORP	09H+ 22.95to+ 30.3	1.25	46	SAI	P 1	
148	115	1	C	TEC-TEH	TEC-TEH		00055	61OUL	BW1- 1.46	0.33		0	12	P 2
			C	TEC-TEH	TEC-TEH		00055	61OUL	VS1- 0.84	0.55		44	12	P 2
150	115	1,2	H	09H-LB1	08H-LB1		00230	61ORP	08H+ 0.65to+ 0.90	1.25	105	SAI	P 1	
			C	TEC-TEH	TEC-TEH		00055	61OUL	08H+ 0.78	1.53		77	69	P 1
			H	09H-LB1	08H-LB1		00230	61ORP	09H+ 24.46to+ 31.7	1.58	63	SAI	2	
			C	TEC-TEH	TEC-TEH		00055	61OUL	BW1+ 2.20	2.10		0	39	P 2
67	116	2	C	TEC-TEH	TEC-TEH		00080	61OUL	08H+ 1.52	0.53		0	15	P 2
117	116	2	H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.00	0.50		0	12	P 2
123	116		C	TEC-TEH	TEC-TEH		00055	61OUL	VS1- 0.88	0.15		0	5	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
				PROGRAM	ACTUAL				MIL	DEG		%	CH		
137	116	1	H	08H-BW1	08H-BW1		00239	610RP	BW1-	1.17to+ 1.3	0.61	128	MAI	P 1	
143	116	1,2	C	TEC-TEH	TEC-TEH		00055	610UL	07H-	0.91	0.48	0	10	P 2	
			H	BW1-VS1	BW1-VS1		00715	580BC	BW1+	3.50to+ 4.0	1.03	100	SAI	P 1	
145	116	1	H	BW1-VS1	BW1-VS1		00714	580BC	BW1+	6.42to+ 6.7	1.62	170	SAI	P 1	
147	116	1	C	TEC-TEH	TEC-TEH		00055	610UL	BW1-	1.8	0.37	0	13	P 2	
151	116	2,3	C	TEC-TEH	TEC-TEH		00055	610UL	BW1-	1.82	0.99	0	18	P 2	
40	117	2	C	TEC-TEH	TEC-TEH		00067	610UL	VS4-	0.87	0.81	0	17	P 2	
44	117	2	C	TEC-TEH	TEC-TEH		00067	610UL	VS4-	0.77	0.82	0	17	P 2	
46	117	2	C	TEC-TEH	TEC-TEH		00067	610UL	VS4-	0.75	0.69	0	17	P 2	
116	117	2	H	TEH-TEC	TEH-TEC		00004	610UL	09H-	1.32	0.99	0	19	P 2	
126	117	2	C	TEC-TEH	TEC-TEH		00055	610UL	09H-	0.90	0.44	0	15	P 2	
132	117	2,3	C	TEC-TEH	TEC-TEH		00055	610UL	09H+	0.95	1.73	0	27	P 2	
134	117	3	H	08H-BW1	08H-BW1		00347	610RP	09H+	14.20to+ 15.3	1.29	52	SAI	P 1	
138	117	1,2	C	TEC-TEH	TEC-TEH		00055	610UL	09H+	0.89	1.07				
140	117	1	H	BW1-VS1	BW1-VS1		00717	580BC	BW1+	2.63to+ 3.1	1.03				
142	117	1,2	C	TEC-TEH	TEC-TEH		00055	610UL	07H+	0.78	0.51	0	10	P 2	
79	118	2	C	TEC-TEH	TEC-TEH		00080	610UL	VS5-	0.72	0.45	0	13	P 2	
117	118	2	H	TEH-TEC	TEH-TEC		00004	610UL	BW1+	1.84	1.12	0	25	P 2	
119	118		H	TEH-TEC	TEH-TEC		00038	610UL	BW1+	1.72	0.83	0	25	P 2	
123	118	2	C	TEC-TEH	TEC-TEH		00055	610UL	09H-	0.88	0.51	0	10	P 2	
133	118	3	C	TEC-TEH	TEC-TEH		00055	610UL	VS1-	0.80	0.71	0	14	P 2	
139	118	1	C	TEC-TEH	TEC-TEH		00055	610UL	VS3-	0.77	0.40	0	14	P 2	
143	118	2,3	C	TEC-TEH	TEC-TEH		00055	610UL	BW1+	2.29	0.52	154	12	P 2	
145	118	1,2	H	08H-BW1	08H-BW1		00240	610RP	09H+	28.91to+ 30.0	5.51	19	SAI	1	
44	119	2	C	TEC-TEH	TEC-TEH		00067	610UL	VS4-	0.90	0.76	0	18	P 2	
116	119	2	H	TEH-TEC	TEH-TEC		00004	610UL	09H-	1.41	1.16	0	22	P 2	
126	119	2	C	TEC-TEH	TEC-TEH		00055	610UL	09H-	0.93	0.40	0	14	P 2	
132	119	3	C	TEC-TEH	TEC-TEH		00055	610UL	BW1+	1.86	0.62	0	14	P 2	
140	119	2,3	H	08H-LB1	08H-LB1		00056	610RP	09H+	22.99to+ 23.20	3.33	58	SAI	P 5	
			C	TEC-TEH	TEC-TEH		00055	610UL	09H+	23.00	0.71	114	58	1	
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+	23.45	0.83	102	64	1	
142	119	2,3	H	08H-LB1	08H-LB1		00056	610RP	09H+	20.75to+ 24.70	0.98	66	SAI	1	
			H	BW1-VS1	BW1-VS1		00718	580BC	BW1+	4.94to+ 5.2	0.71	45	SAI	P 1	
152	119	3	C	TEC-TEH	TEC-TEH		00055	610UL	VS7+	4.09	0.88	160	10	1	
107	120	2	H	TEH-TEC	TEH-TEC		00024	610UL	VS6+	0.86	0.32	0	10	P 2	
147	120	2,3	H	TEH-TEC	TEH-TEC		00024	610UL	BW1-	1.67	0.94	0	24	P 2	
			H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.64	0.83	0	22	P 2	
151	120	2,3	H	TEH-TEC	TEH-TEC		00024	610UL	09H+	0.94	0.78	0	21	P 2	
110	121		H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.76	0.49	0	15	P 2	
114	121		H	TEH-TEC	TEH-TEC		00024	610UL	BW1+	1.70	0.36	0	12	P 2	
118	121	2	H	TEH-TEC	TEH-TEC		00004	610UL	09H+	1.67	1.23	0	25	P 2	
45	122	2	H	TEH-TEC	TEH-TEC		00093	610UL	VS4+	0.97	0.51	0	14	P 2	
93	122		H	TEH-TEC	TEH-TEC		00024	610UL	TSC+	1.44	0.87	157	18	1	
117	122	2	H	TEH-TEC	TEH-TEC		00004	610UL	09H-	1.09	1.11	0	23	P 2	
123	122		H	TEH-TEC	TEH-TEC		00023	610UL	BW1+	1.73	0.91	0	22	P 2	
139	122	1	H	BW1-VS3	BW1-VS3		00751	580BC	BW1+	3.77to+ 4.2	1.46	188	SAI	1	

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
147	122	2,3	H	TEH-TEC	TEH-TEC		00024	61OUL	09H+ 0.88	0.42		0	14	P 2
118	123	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 0.88	0.86		0	19	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	BW1- 1.68	0.50		0	12	P 2
142	123	1	H	08H-LB1	08H-BW1		00216	61ORP	09H+ 0.65TO+ 1.10	1.69		65	SAI	P 1
95	124		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.57	0.26		0	7	P 2
101	124	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.12	0.28		0	11	P 2
117	124	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.38	0.91		0	22	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	BW1- 1.71	0.71		0	19	P 2
121	124		H	TEH-TEC	TEH-TEC		00017	61OUL	09H- 0.82	0.41		0	11	P 2
131	124	2,3	H	TEH-TEC	TEH-TEC		00017	61OUL	VS1- 1.52	0.47		0	14	P 2
137	124	1,2	H	09H-BW1	09H-BW1		00046	61ORP	BW1+ 0.57TO+ 0.90	0.62		28	SAI	P 1
			H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 1.05	0.76		66	73	P 1
141	124	1	H	08H-BW1	08H-BW1		00216	61ORP	09H- 0.46TO+ 0.10	2.50		38	SAI	P 1
			H	08H-BW1	08H-BW1		00216	61ORP	09H+ 0.76TO+ 0.90	1.09		144	SAI	P 1
			H	BW1-VS3	BW1-VS3		00758	580BC	BW1+ 2.86TO+ 3.44	0.50		35	SAI	P 1
149	124	2,3	H	TEH-TEC	TEH-TEC		00017	61OUL	VS7- 0.57	0.67		0	17	P 2
96	125	2	H	TEH-TEC	TEH-TEC		00025	61OUL	07H+ 0.54	0.52		0	14	P 2
116	125	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.99	0.73		0	17	P 2
120	125	2	H	TEH-TEC	TEH-TEC		00017	61OUL	09H+ 0.97	2.11		0	36	P 2
130	125	2,3	H	TEH-TEC	TEH-TEC		00017	61OUL	VS1+ 1.34	0.51		0	15	P 2
146	125	1	H	TEH-TEC	TEH-TEC		00017	61OUL	BW1+ 1.95	0.23		0	6	P 2
148	125	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	08H- 0.93	1.31		0	26	P 2
			H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.94	0.54		0	15	P 2
150	125	2,3	H	TEH-TEC	TEH-TEC		00104	61ONB	VS1- 0.86	0.67		0	17	P 2
			H	TEH-TEC	TEH-TEC		00016	61OUL	VS1- 0.78	0.30		0	10	P 2
81	126	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3+ 0.80	0.57		0	15	P 2
83	126	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.79	0.42		0	12	P 2
93	126	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.87	0.62		0	16	P 2
99	126	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.18	0.56		0	14	P 2
103	126		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.76	1.19		0	25	P 2
113	126		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.75	0.54		0	15	P 2
117	126	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 1.21	2.50		0	36	P 2
135	126	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	VS3- 0.58	0.69		0	18	P 2
82	127	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.98	0.31		0	10	P 2
98	127	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.15	0.41		0	11	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.84	0.37		0	11	P 2
102	127	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.99	0.75		0	18	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.47	0.62		0	16	P 2
110	127		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.14	1.18		0	25	P 2
114	127	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.50	0.42		0	16	P 2
118	127	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.00	1.06		0	22	P 2
136	127	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	09H+ 0.29	0.61		0	16	P 2
140	127	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	09H+ 0.41	0.71		0	18	P 2
142	127	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	VS5+ 0.99	1.70		0	31	P 2
150	127	2,3	H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 1.19	15.56		70	74	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	BW1+ 1.37	15.66		62	76	P 1

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
150	127	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	BW1+ 1.57	16.40		66	75	P 1
81	128	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.06	0.79		0	19	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	VS3+ 0.55	0.64		0	17	P 2
87	128	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H- 0.09	0.56		0	15	P 2
91	128		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 0.93	0.36		0	10	P 2
101	128	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.06	0.49		0	18	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.88	0.85		0	20	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	VS3+ 0.78	0.33		0	13	P 2
103	128	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.65	1.14		0	25	P 2
107	128		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.88	0.31		0	8	P 2
115	128		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 0.99	1.52		0	29	P 2
117	128	2	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.06	0.75		0	17	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	BW1- 1.17	0.66		0	15	P 2
121	128	2,3	H	TEH-TEC	TEH-VS5		00015	61OUL	09H+ 0.88	1.28		0	26	P 2
127	128	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	VS1- 0.09	0.67		0	12	P 2
135	128	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	BW1- 1.75	1.37		0	27	P 2
50	129	2	C	TEC-TEH	TEC-TEH		00079	61OUL	BW1+ 2.35	0.61		0	16	P 2
74	129	2	C	TEC-TEH	TEC-TEH		00073	61OUL	BW1+ 1.78	0.91		0	21	P 2
80	129	2	C	TEC-TEH	TEC-TEH		00073	61OUL	BW1+ 1.87	1.20		0	25	P 2
82	129	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.92	0.86		0	20	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.74	0.75		0	19	P 2
84	129	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.85	1.01		0	23	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	BW1+ 1.08	0.76		0	19	P 2
88	129	2	C	TEC-TEH	TEC-TEH		00073	61OUL	07H+ 0.70	0.72		0	18	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.87	0.64		0	17	P 2
94	129	2	H	TEH-TEC	TEH-TEC		00025	61OUL	TSH+ 2.13	1.03	149		27	1
96	129	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.21	0.98		0	22	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.81	1.60		0	29	P 2
102	129	2	H	TEH-TEC	TEH-TEC		00025	61OUL	TSH+ 2.21	1.76	166		7	1
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.43	0.95		0	22	P 2
114	129		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.50	0.42		0	11	P 2
118	129	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	06H+ 0.91	0.75		0	17	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 0.56	0.74		0	15	P 2
122	129	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H+ 0.61	1.01		0	23	P 2
130	129	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	09H+ 0.70	0.44		0	13	P 2
132	129	2,3	H	TEH-TEC	TEH-TEC		00016	61OUL	VS1+ 0.90	0.69		0	18	P 2
138	129	2	H	TEH-TEC	TEH-TEC		00015	61OUL	07H+ 0.67	0.72		0	13	P 2
142	129	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	VS1+ 0.96	0.56		0	15	P 2
144	129	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	BW1+ 1.78	1.52		0	29	P 2
61	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	VS3- 0.71	0.67		0	17	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	VS3+ 0.00	0.50		0	14	P 2
69	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.70	0.88		0	21	P 2
83	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H- 0.79	0.44		0	13	P 2
85	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	07H- 0.67	0.68		0	17	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	BW1+ 1.92	1.36		0	27	P 2
87	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	07H+ 0.85	0.83		0	20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
89	130	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.72	0.65		0	17	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	BW1- 1.12	1.32		0	27	P 2
91	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	TSH+ 2.18	1.01	161	12	1	
			H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.03	0.64		0	16	P 2
93	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.72	0.64		0	16	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 1.80	1.24		0	26	P 2
95	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 1.91	0.82		0	19	P 2
97	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.81	0.83		0	20	P 2
99	130		H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.18	0.39		0	11	P 2
101	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.84	0.45		0	13	P 2
103	130		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.89	1.21		0	26	P 2
113	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	VS2- 0.54	0.80		0	19	P 2
115	130	2	H	TEH-TEC	TEH-TEC		00025	61OUL	TSH+ 2.13	1.51	171	1	1	
			H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.84	0.35		0	11	P 2
117	130	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	BW1- 1.33	0.78		0	18	P 2
119	130	2,3	H	TEH-TEC	TEH-TEC		00025	61OUL	TSH+ 2.20	1.83	168	4	1	
			H	TEH-TEC	TEH-TEC		00025	61OUL	06H+ 0.90	0.48		0	13	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	09H- 0.90	1.18		0	24	P 2
121	130	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H+ 0.68	1.13		0	19	P 2
135	130	1	H	08H-BW1	08H-BW1		00222	61ORP	08H+ 0.58TO+ 0.80	0.25		0	SAI	P 1
143	130	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H+ 0.61	0.41		0	8	P 2
145	130	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	06H+ 0.72	0.52		0	10	P 2
147	130	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	BW2+ 2.02	0.87		0	20	P 2
70	131	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H- 0.73	0.19		0	7	P 2
			C	TEC-TEH	TEC-TEH		00073	61OUL	08H+ 0.70	0.58		0	16	P 2
72	131	2	C	TEC-TEH	TEC-TEH		00073	61OUL	08H- 0.09	0.84		0	18	P 2
80	131	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.70	0.67		0	13	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.60	0.56		0	15	P 2
82	131	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.18	0.87		0	17	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.94	0.82		0	16	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.70	0.44		0	13	P 2
84	131	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.66	1.63		0	27	P 2
86	131	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.71	0.24		0	4	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.92	0.63		0	16	P 2
88	131	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.84	0.54		0	11	P 2
96	131	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.78	1.46		0	28	P 2
98	131	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.18	0.88		0	20	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 2.06	0.61		0	16	P 2
112	131	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 2.48	1.65		0	29	P 2
114	131	2	H	TEH-TEC	TEH-TEC		00025	61OUL	04H+ 0.84	0.74		0	18	P 2
116	131	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	04H- 0.97	1.20		0	24	P 2
120	131	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H- 0.87	0.87		0	18	P 2
136	131	1,2	H	TEH-TEC	TEH-TEC		00015	61OUL	VS3+ 0.62	0.66		0	15	P 2
144	131	3	H	TEH-TEC	TEH-TEC		00015	61OUL	BW1+ 1.99	0.30		0	10	P 2
51	132	2	C	TEC-TEH	TEC-TEH		00079	61OUL	VS4- 0.65	0.44		0	11	P 2
69	132	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS5- 0.40	0.48		0	13	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
77	132	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.77	0.73		0	14	P 2
81	132	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.91	0.61		0	16	P 2
85	132		C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.85	1.03		0	23	P 2
89	132	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.80	0.49		0	10	P 2
95	132		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 1.58	0.77		0	19	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.58	2.42		0	36	P 2
97	132	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.18	0.64		0	16	P 2
99	132	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.69	0.60		0	16	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.89	0.38		0	10	P 2
101	132	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.00	0.88		0	20	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.73	0.69		0	17	P 2
111	132		H	TEH-TEC	TEH-TEC		00025	61OUL	BW2+ 1.77	0.25		0	6	P 2
119	132	2,3	H	TEH-TEC	TEH-TEC		00025	61OUL	09H+ 0.60	0.93		0	21	P 2
123	132	3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.94	0.91		0	21	P 2
129	132	2,3	H	08H-BW1	08H-BW1		00053	61ORP	09H+ 0.24TO+ 1.20	5.96		42	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.28	1.04		20	77	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.49	1.59		76	73	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.51	1.72		68	71	P 1
			H	TEH-TEC	TEH-TEC		00105	11812	09H+ 0.52	1.79		68	72	P 1
			H	TEH-TEC	TEH-TEC		00106	11412	09H+ 0.52	2.01		66	76	P 1
			H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.53	1.58		73	67	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.58	1.51		61	75	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.82	1.11		116	9	P 1
			H	08H-BW1	08H-BW1		00053	61ORP	BW1+ 0.66TO+ 1.00	0.68		87	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	VS1+ 0.38	0.56		0	13	P 2
131	132	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.85	1.12		0	26	P 2
135	132	1	C	TEC-TEH	TEC-TEH		00234	61OMF	07H+ 0.73	0.67		0	15	P 2
			C	TEC-TEH	TEC-TEH		00234	61OMF	08H- 0.32	0.23		81	56	P 1
			H	09H-BW1	08H-BW1		00226	61ORP	08H+ 0.24TO+ 0.60	0.85		44	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H- 0.09	0.62		0	9	P 2
			H	09H-BW1	08H-BW1		00226	61ORP	BW1+ 1.72TO+ 2.00	1.05		15	SAI	P 1
137	132	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.50	0.36		0	16	P 2
141	132	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H+ 0.79	0.82		0	18	P 2
143	132	2,3	H	TEH-TEC	TEH-TEC		00015	61OUL	09H+ 0.82	1.51		0	26	P 2
66	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 1.46	0.63		0	16	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.49	0.62		0	16	P 2
68	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.76	0.38		0	8	P 2
70	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.01	0.76		0	15	P 2
76	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.80	0.59		0	12	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.86	0.76		0	15	P 2
84	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.77	1.04		0	19	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3+ 0.83	0.84		0	16	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS5+ 0.86	0.84		0	16	P 2
86	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.83	0.76		0	15	P 2
88	133	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.16	0.68		0	14	P 2
92	133	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.03	1.23		0	25	P 2



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
92	133	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.89	1.42		0	27	P 2
96	133	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H- 0.18	0.61		0	16	P 2
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.74	1.42		0	28	P 2
98	133	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 2.05	0.69		0	17	P 2
100	133		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1- 1.89	0.42		0	11	P 2
102	133		C	TEC-TEH	TEC-TEH		00080	61OUL	BW1+ 2.00	0.32		0	8	P 2
108	133		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.61	0.83		0	20	P 2
126	133	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	VS1+ 0.64	0.49		0	20	P 2
128	133	2,3	H	08H-BW1	08H-BW1		00053	61ORP	09H+ 0.57to+ 1.10	8.48	44	SAI	P 1	
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.72	4.65	46	94	P 1	
			H	TEH-TEC	TEH-TEC		00106	11412	09H+ 0.74	4.17	46	90	P 1	
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.74	3.59	44	89	P 1	
			H	TEH-TSC	TEH-TEC		00014	61OUL	09H+ 0.76	3.67	52	84	P 1	
			H	TEH-TEC	TEH-TEC		00105	11812	09H+ 0.77	3.58	47	88	P 1	
132	133	1	H	BW1-VS1	BW1-VS1		00768	580BC	BW1+ 3.60to+ 4.5	0.49	162	SAI	P 1	
136	133	1	H	BW1-VS1	BW1-VS1		00768	580BC	BW1+ 7.59to+ 8.4	0.91	36	SAI	P 1	
140	133	1	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.89	0.45	0	13	P 2	
142	133	3	H	TEH-TEC	TEH-TEC		00014	61OUL	BW1+ 1.64	0.69	0	18	P 2	
			H	BW1-VS1	BW1-VS1		00821	580BC	BW1+ 15.53to+ 15.7	1.37	129	SAI	1	
63	134	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.77	0.56	0	14	P 2	
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.81	0.48	0	13	P 2	
65	134	2	C	TEC-TEH	TEC-TEH		00072	61OUL	07H- 1.04	0.51	0	15	P 2	
79	134	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.74	0.73	0	14	P 2	
83	134	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.93	0.39	0	8	P 2	
85	134	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.77	0.92	0	18	P 2	
91	134	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.77	1.50	0	29	P 2	
93	134	2	H	TEH-TEC	TEH-TEC		00025	61OUL	08H+ 0.87	2.11	0	33	P 2	
95	134	2	H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.77	1.01	0	22	P 2	
97	134		H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 2.12	0.33	0	9	P 2	
115	134	2,3	H	TEH-TEC	TEH-TEC		00025	61OUL	06H- 0.15	0.26	0	8	P 2	
			H	TEH-TEC	TEH-TEC		00025	61OUL	BW1+ 1.73	1.13	0	24	P 2	
117	134	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 0.74	1.01	0	22	P 2	
			H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 1.31	0.72	0	16	P 2	
129	134	2	H	TEH-TEC	TEH-TEC		00014	61OUL	07H+ 0.43	0.90	0	29	P 2	
131	134	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	VS1+ 1.21	0.32	0	15	P 2	
141	134	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.92	0.75	0	20	P 2	
			H	TEH-TEC	TEH-TEC		00014	61OUL	BW1+ 1.76	0.70	0	18	P 2	
143	134	3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.92	0.57	0	15	P 2	
62	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 2.01	0.96	0	18	P 2	
66	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 1.59	0.49	0	13	P 2	
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.75	0.37	0	7	P 2	
72	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1- 1.84	0.91	0	17	P 2	
74	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.89	0.78	0	15	P 2	
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1- 1.41	1.24	0	22	P 2	
80	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.12	0.68	0	14	P 2	
82	135	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.64	0.82	0	16	P 2	

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
84	135	2	C	TEC-TEH	TEC-TEH		00072	610UL	08H+ 0.83	0.92		0	18	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	VS3+ 0.62	0.53		0	11	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	VS5+ 0.74	0.62		0	12	P 2
86	135	2	C	TEC-TEH	TEC-TEH		00072	610UL	08H+ 0.95	0.89		0	22	P 2
88	135	2	C	TEC-TEH	TEC-TEH		00072	610UL	BW1+ 1.54	0.48		0	13	P 2
94	135	2	H	TEH-TEC	TEH-TEC		00025	610UL	08H+ 0.00	0.66		0	17	P 2
96	135	2	H	TEH-TEC	TEH-TEC		00025	610UL	BW1+ 1.94	2.45		0	37	P 2
98	135	2	H	TEH-TEC	TEH-TEC		00025	610UL	VS6+ 0.75	0.54		0	20	P 2
116	135	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09H- 1.27	1.11		0	23	P 2
128	135	2	H	08H-LB1	08H-LB1		00054	610RP	09H- 1.08TO- 0.70	2.64		61	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 1.01	1.96		112	32	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	09H- 0.96	1.74		117	23	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H- 0.96	1.53		107	31	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	09H- 0.78	1.42				
			H	08H-LB1	08H-LB1		00054	610RP	09H+ 0.18TO+ 0.70	6.29				
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.43	5.20		60	85	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	09H+ 0.44	4.39		62	79	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.48	4.49		57	80	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	09H+ 0.57	4.08		52	82	P 1
			H	BW1-VS1	BW1-VS1		00515	580RP	BW1+ 5.52TO+ 6.40	2.99		71	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	BW1+ 7.95	0.81		32	96	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	BW1+ 8.26	1.17		79	58	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	VS1- 0.48	0.61		0	14	P 2
132	135	2	H	BW1-VS1	BW1-VS1		00934	580BC	BW1+ 6.92to+ 7.3	0.86		93	SAI	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	BW1+ 7.80	1.06		148	23	1
138	135	1	H	TEH-TEC	TEH-TEC		00014	610UL	BW1+ 1.88	0.89		0	21	P 2
140	135	2,3	H	TEH-TEC	TEH-TEC		00014	610UL	09H+ 0.94	1.23		0	33	P 2
142	135	2,3	H	TEH-TEC	TEH-TEC		00014	610UL	09H- 0.06	0.37		0	17	P 2
65	136	2	H	TEH-TEC	TEH-TEC		00072	610UL	BW1- 1.53	0.78		0	15	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	BW1+ 1.26	0.64		0	18	P 2
67	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	07H- 1.13	1.43		0	25	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	08H+ 0.54	0.78		0	20	P 2
69	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	07H- 0.12	0.43		0	12	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	07H+ 0.85	0.68		0	18	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	BW1- 1.85	0.42		0	12	P 2
73	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	08H- 0.71	0.96		0	22	P 2
75	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	BW1- 1.52	0.40		0	12	P 2
77	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	07H+ 1.00	0.71		0	19	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	VS3- 0.98	1.01		0	24	P 2
79	136	2	H	TEH-TEC	TEH-TEC		00072	610UL	VS3- 0.65	0.28		0	5	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	VS3+ 0.83	1.26		0	28	P 2
83	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	VS3+ 0.80	0.58		0	15	P 2
85	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	07H+ 0.97	0.87		0	21	P 2
			C	TEC-TEH	TEC-TEH		00072	610UL	BW1+ 2.10	0.51		0	13	P 2
89	136	2	C	TEC-TEH	TEC-TEH		00072	610UL	08H+ 0.89	1.29		0	28	P 2
103	136	2	H	TEH-TEC	TEH-TEC		00026	610UL	08H+ 0.85	0.74		0	19	P 2

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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
105	136		H	TEH-TEC	TEH-TEC		00026	61OUL	BW1+ 1.46	1.26		0	26	P 2
113	136	3	H	TEH-TEC	TEH-TEC		00026	61OUL	BW1+ 1.53	0.95		0	22	P 2
117	136	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.12	1.51		0	28	P 2
125	136	2,3	H	08H-LB1	08H-LB1		00056	61ORP	09H+ 0.04TO+ 0.80	8.55		44	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	63OUC	09H+ 0.31	2.89		86	64	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	09H+ 0.35	2.42		78	63	P 1
			H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.43	2.41		84	57	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.50	1.80		76	61	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	09H+ 0.81	1.28		35	94	P 1
129	136	1	H	BW1-VS3	BW1-VS3		00626	58ORP	BW1+ 6.96TO+ 7.70	1.00		152	SAI	P 1
131	136	2,3	C	TEC-TEH	TEC-TEH		00234	61OMF	09H- 0.93	0.57		0	13	P 2
			H	TEH-TEC	TEH-TEC		00014	61OUL	09H- 0.63	0.75		0	26	P 2
			H	08H-LB1	08H-LB1		00056	61ORP	09H+ 17.87TO+ 18.00	0.56		121	SAI	1
			H	TEH-TEC	TEH-TEC		00014	61OUL	BW1+ 1.46	0.84		0	20	P 2
			C	TEC-TEH	TEC-TEH		00234	61OMF	BW1+ 3.81	0.89		0	19	P 2
137	136	1	H	BW1-VS1	BW1-VS1		00728	58OBC	BW1+ 16.93to+ 17.7	4.83		14	SAI	1
139	136	3	H	BW1-VS1	BW1-VS1		00727	58OBC	BW1+ 15.18to+ 15.5	1.94		94	SAI	1
62	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.79	0.83		0	21	P 2
64	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	07H- 0.88	0.32		0	9	P 2
72	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.00	1.42		0	28	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.19	0.38		0	11	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.06	0.49		0	13	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3+ 0.82	0.84		0	18	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS5+ 0.89	0.76		0	18	P 2
74	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.21	0.56		0	14	P 2
78	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.97	1.73		0	32	P 2
80	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.69	0.48		0	13	P 2
84	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.09	0.29		0	6	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.01	0.49		0	10	P 2
86	137		C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.42	1.23		0	22	P 2
88	137	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.80	0.87		0	21	P 2
96	137	2	H	TEH-TEC	TEH-TEC		00026	61OUL	08H+ 0.00	0.53		0	15	P 2
104	137		H	TEH-TEC	TEH-TEC		00027	61OUL	BW1+ 1.67	0.45		0	14	P 2
114	137	3	H	TEH-TEC	TEH-TEC		00027	61OUL	BW1+ 1.28	0.52		0	15	P 2
116	137	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.38	1.55		0	28	P 2
			H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 0.47	1.36		0	26	P 2
120	137	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H- 1.15	1.12		0	26	P 2
126	137	1	H	08H-BW1	08H-BW1		00228	61ORP	BW1- 1.73TO- 1.60	0.47		47	SAI	P 1
128	137	2	C	TEC-TEH	TEC-TEH		00234	61OMF	08H+ 0.24	0.66		54	81	P 1
			H	08H-BW1	08H-BW1		00056	61ORP	08H+ 0.25TO+ 0.90	4.88		51	SAI	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 0.29	2.50		55	81	P 1
			H	TEH-BW1	TEH-BW1		00103	63OUC	08H+ 0.35	2.86		54	89	P 1
			H	TEH-TEC	TEH-TEC		00014	61OUL	08H+ 0.49	1.76		86	55	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	08H+ 0.53	1.50		92	43	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	VS1+ 0.43	0.45		0	11	P 2
11	138	2	C	TEC-TEH	TEC-TEH		00084	61OUL	07H- 0.74	0.47		0	10	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
67	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.81	0.32		0	9	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS3- 0.86	0.32		0	9	P 2
69	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	07H- 0.81	0.47		0	14	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.02	1.28		0	19	P 2
75	138	2	H	TEH-TEC	TEH-TEC		00072	61OUL	07H- 0.18	0.67		0	13	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	07H+ 0.93	0.92		0	21	P 2
77	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.18	0.49		0	14	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.18	2.17		0	31	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.44	1.61		0	32	P 2
79	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	07H+ 0.85	0.27		0	7	P 2
81	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.90	1.29		0	28	P 2
85	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.97	1.06		0	25	P 2
87	138	2	C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 1.55	0.67		0	18	P 2
95	138	2	H	TEH-TEC	TEH-TEC		00027	61OUL	08H- 0.09	0.52		0	12	P 2
97	138	2	H	TEH-TEC	TEH-TEC		00027	61OUL	08H+ 0.88	0.42		0	13	P 2
103	138		H	TEH-TEC	TEH-TEC		00027	61OUL	BW1- 1.37	0.48		0	14	P 2
105	138	2	H	TEH-TEC	TEH-TEC		00027	61OUL	VS2- 0.73	0.49		0	12	P 2
123	138	1	H	08H-BW1	08H-BW1		00230	61ORP	BW1- 1.13TO- 0.90	0.95		78	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	61OMF	BW1- 1.09	0.38		88	48	P 1
			H	08H-BW1	08H-BW1		00230	61ORP	BW1+ 0.39to+ 1.5	1.57		46	SVI	P 1
125	138	2	H	08H-LB1	08H-LB1		00056	61ORP	08H+ 0.06TO+ 0.50	2.89		52	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 0.29	2.05		19	54	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 0.29	1.72		32	96	P 1
			H	TEH-TEC	TEH-TEC		00014	61OUL	08H+ 0.31	1.78		30	99	P 1
129	138	1	H	08H-VS1	08H-BW1		00230	61ORP	BW1+ 1.61TO+ 1.80	0.39		18	SAI	P 1
137	138	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	09H+ 0.75	0.34		0	15	P 2
139	138	3	H	TEH-TEC	TEH-TEC		00014	61OUL	BW1+ 1.91	1.99		0	33	P 2
141	138	3	H	TEH-TEC	TEH-TEC		00014	61OUL	BW1+ 1.88	0.50		0	14	P 2
62	139	2	C	TEC-TEH	TEC-TEH		00072	61OUL	VS3+ 0.79	0.73		277	18	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	VS5+ 0.94	0.39		0	11	P 2
66	139		C	TEC-TEH	TEC-TEH		00072	61OUL	08C+ 1.03	0.81		0	19	P 2
70	139	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.18	0.35		0	7	P 2
			C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.59	1.18		0	21	P 2
72	139	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 1.01	0.65		0	16	P 2
82	139	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H- 0.12	0.54		0	14	P 2
88	139	2	C	TEC-TEH	TEC-TEH		00072	61OUL	08H+ 0.99	0.67		0	17	P 2
96	139	2	H	TEH-TEC	TEH-TEC		00027	61OUL	08H+ 0.67	0.39		0	10	P 2
98	139	2	H	TEH-TEC	TEH-TEC		00027	61OUL	BW1- 1.78	0.60		0	17	P 2
			H	TEH-TEC	TEH-TEC		00027	61OUL	BW1+ 1.61	1.18		0	25	P 2
100	139	2	H	TEH-TEC	TEH-TEC		00027	61OUL	07H+ 0.88	0.65		0	17	P 2
			H	TEH-TEC	TEH-TEC		00027	61OUL	VS2+ 0.79	0.30		0	10	P 2
102	139	2	H	TEH-TEC	TEH-TEC		00027	61OUL	08H- 0.15	0.68		0	18	P 2
			H	TEH-TEC	TEH-TEC		00027	61OUL	BW1+ 2.55	0.46		132	42	1
			H	08H-BW1	08H-BW1		00057	61ORP	BW1+ 3.29	0.74		30	SVI	1
110	139	3	H	08H-BW1	08H-BW1		00291	61ORP	08H+ 9.45 11	0.37		103	SVI	P 1
			H	TEH-TEC	TEH-TEC		00027	61OUL	BW1+ 1.45	0.45		0	14	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 22
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SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION			CURRENT				
				PROGRAM	ACTUAL							VOLTS	MIL	DEG	%	CH
128	139	1	H	08H-BW1	08H-BW1		00231	610RP	08H+	0.68TO+	0.90	1.33		86	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	08H+	0.94		0.88		0	19	P 2
			C	TEC-TEH	TEC-TEH		00234	610MF	VS1+	0.47		0.62		0	14	P 2
140	139	3	H	TEH-TEC	TEH-TEC		00014	610UL	BW1+	1.90		0.65		0	17	P 2
67	140	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.89		0.52		0	13	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	VS3+	0.80		0.69		0	21	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	VS5+	0.65		0.30		0	9	P 2
71	140	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.29		0.85		0	18	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	08H+	1.00		1.72		0	28	P 2
75	140	2	H	TEH-TEC	TEH-TEC		00033	610UL	07H+	0.94		0.53		0	13	P 2
93	140		H	TEH-TEC	TEH-TEC		00027	610UL	VS2-	0.68		0.83		0	17	P 2
97	140		H	TEH-TEC	TEH-TEC		00027	610UL	BW1-	1.5		0.60		0	17	P 2
99	140		H	TEH-TEC	TEH-TEC		00027	610UL	BW1-	1.51		0.50		0	15	P 2
103	140	2	H	TEH-TEC	TEH-TEC		00027	610UL	BW1-	1.56		1.28		0	27	P 2
			H	TEH-TEC	TEH-TEC		00027	610UL	08C+	0.79		1.23		0	26	P 2
105	140	2	H	TEH-TEC	TEH-TEC		00027	610UL	BW1-	1.50		1.14		0	21	P 2
107	140	2,3	H	TEH-TEC	TEH-TEC		00027	610UL	BW1-	1.35		1.36		0	28	P 2
			H	TEH-TEC	TEH-TEC		00027	610UL	VS3+	0.97		0.55		0	16	P 2
			H	TEH-TEC	TEH-TEC		00027	610UL	VS5+	0.88		0.73		0	19	P 2
117	140	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	BW1-	1.67		0.37		0	11	P 2
127	140	2	H	08H-BW1	08H-BW1		00057	610RP	07H-	0.21TO+	0.20	3.37		49	SAI	P 1
			H	07H-07H	07H-07H		00057	610RP	07H+	0.30TO+	0.60	3.45		30	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	07H+	0.38		1.62		25	71	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	07H+	0.43		1.52		61	77	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	07H+	0.50		1.50		59	78	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	08H+	0.20		1.75		67	72	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+	0.20		1.88		119	21	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+	0.27		1.13		77	64	P 1
129	140	1,2	H	TEH-TEC	TEH-TEC		00014	610UL	VS1-	0.69		0.22		0	11	P 2
135	140	2,3	H	TEH-TEC	TEH-TEC		00014	610UL	09H+	1.04		1.53		0	37	P 2
139	140	2,3	H	TEH-TEC	TEH-TEC		00014	610UL	02C-	1.02		0.37		0	17	P 2
68	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1-	1.03		0.80		0	17	P 2
70	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1-	1.70		0.89		0	19	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+	1.38		1.25		0	23	P 2
72	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	07H-	0.26		0.59		0	14	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1-	2.03		0.64		0	15	P 2
74	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.85		0.90		0	19	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1-	2.17		0.56		0	14	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+	0.88		0.96		0	20	P 2
78	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1-	1.68		0.59		0	14	P 2
82	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.74		1.29		0	24	P 2
84	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.00		0.61		0	14	P 2
86	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1+	1.83		1.16		0	22	P 2
88	141	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H-	0.24		0.52		0	13	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	08H+	0.74		0.62		0	15	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+	1.50		0.70		0	17	P 2



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STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
90	141	2	H	TEH-TEC	TEH-TEC		00027	610UL	BW1+ 2.01	1.19		0	21	P 2
92	141	2	H	TEH-TEC	TEH-TEC		00027	610UL	BW1+ 1.68	1.30		0	23	P 2
94	141	2	H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 0.97	0.80		0	17	P 2
96	141		H	TEH-TEC	TEH-TEC		00027	610UL	BW1+ 1.27	0.45		0	14	P 2
102	141		C	TEC-TEH	TEC-TEH		00081	610UL	BW1+ 2.37	1.51		0	26	P 2
104	141	2	H	TEH-TEC	TEH-TEC		00027	610UL	VS5+ 1.01	0.39		0	10	P 2
106	141	3	H	TEH-TEC	TEH-TEC		00027	610UL	BW1+ 1.56	0.34		0	11	P 2
108	141	2,3	H	TEH-TEC	TEH-TEC		00027	610UL	BW1- 1.21	0.85		0	17	P 2
			H	TEH-TEC	TEH-TEC		00027	610UL	BW2+ 1.94	0.21		0	8	P 2
110	141	3	H	TEH-TEC	TEH-TEC		00027	610UL	BW1+ 1.92	1.39		0	28	P 2
116	141	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09H- 1.21	1.64		0	27	P 2
122	141	1	H	08H-BW1	08H-BW1		00232	610RP	09H+ 0.53	0.32		0	SAI	P 1
128	141	2,3	H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 0.17	1.25		94	56	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	08H+ 0.23	1.36		100	42	P 1
			H	08H-BW1	08H-BW1		00057	610RP	08H+ 0.38TO+ 1.02	5.36		36	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 0.52	1.52		54	89	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	08H+ 0.58	1.53		46	88	P 1
65	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+ 0.32	0.77		0	17	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	08H+ 0.65	0.46		0	12	P 2
69	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 1.82	1.10		0	21	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.94	1.19		0	22	P 2
71	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 2.28	0.55		0	13	P 2
73	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 1.70	0.70		0	16	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.76	1.68		0	29	P 2
77	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.59	0.31		0	9	P 2
79	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 1.47	0.43		0	11	P 2
81	142	2	H	TEH-TEC	TEH-TEC		00033	610UL	VS3- 0.82	1.13		0	22	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	VS5- 0.79	1.16		0	22	P 2
93	142	2	H	TEH-TEC	TEH-TEC		00027	610UL	08H+ 0.85	0.98		0	19	P 2
121	142	2,3	H	08H-BW1	08H-BW1		00059	610RP	09H+ 0.02TO+ 0.30	4.67		43	SAI	P 1
			H	TEH-TEC	TEH-TEC		00014	610UL	09H+ 0.06	2.68		72	71	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H+ 0.12	2.69		64	75	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H+ 0.14	2.89		58	87	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	09H+ 0.19	2.49		64	72	P 1
			H	08H-BW1	08H-BW1		00059	610RP	BW1- 0.88TO- 0.60	1.51		52	SAI	P 1
			C	TEC-TEH	TEC-TEH		00234	610MF	BW1- 0.87	0.89		0	19	P 2
129	142	2,3	H	TEH-TEC	TEH-TEC		00014	610UL	VS1- 0.66	0.43		0	18	P 2
131	142	1	H	TEH-TEC	TEH-TEC		00014	610UL	BW1+ 1.87	1.32		0	27	P 2
60	143	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.67	0.80		0	17	P 2
66	143	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H- 1.57	1.10		0	21	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 2.02	0.92		0	19	P 2
70	143	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 2.03	1.04		0	21	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	BW1+ 1.88	1.22		0	23	P 2
72	143	2	H	TEH-TEC	TEH-TEC		00033	610UL	BW1- 2.20	1.04		0	21	P 2
74	143	2	H	TEH-TEC	TEH-TEC		00033	610UL	VS3- 1.06	1.25		0	23	P 2
			H	TEH-TEC	TEH-TEC		00033	610UL	VS5+ 0.76	1.05		0	21	P 2



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
76	143	2	H	TEH-TEC	TEH-TEC		00033	61OUL	BW1- 1.79	0.67		0	15	P 2
84	143	2	H	TEH-TEC	TEH-TEC		00033	61OUL	08H+ 0.76	0.79		0	17	P 2
96	143	2	H	TEH-TEC	TEH-TEC		00027	61OUL	VS6- 0.95	0.57		0	13	P 2
110	143	2,3	C	TEC-TEH	TEC-TEH		00081	61OUL	BW1+ 1.42	1.85		0	30	P 2
112	143	2,3	H	TEH-TEC	TEH-TEC		00027	61OUL	VS3+ 1.06	0.70		0	15	P 2
			H	TEH-TEC	TEH-TEC		00027	61OUL	BW2- 2.03	0.53		0	15	P 2
116	143	2	H	TEH-TEC	TEH-TEC		00105	11812	09H- 1.63	1.43		0	26	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	09H- 1.59	1.16		0	27	P 2
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 1.45	1.74		0	34	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	09H- 1.42	1.65		0	30	P 2
			H	TEH-TEC	TEH-TEC		00003	61OUL	09H- 1.30	1.65		0	33	P 2
126	143	1,2	H	TEH-TEC	TEH-TEC		00014	61OUL	VS1+ 0.60	1.22		0	27	P 2
136	143	2,3	H	TEH-TEC	TEH-TEC		00014	61OUL	VS1+ 0.72	0.24		0	11	P 2
67	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	08H- 1.30	1.01				
			H	TEH-TEC	TEH-TEC		00033	61OUL	08H+ 2.06	0.82				
			H	TEH-TEC	TEH-TEC		00033	61OUL	BW1- 1.44	0.90		0	19	P 2
71	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	08H+ 0.88	1.44		0	25	P 2
73	144		H	TEH-TEC	TEH-TEC		00033	61OUL	BW1- 1.55	0.51		0	13	P 2
75	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	BW1+ 0.56	0.29		0	8	P 2
79	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	08H+ 1.09	1.32		0	24	P 2
81	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	VS3- 0.77	0.80		0	17	P 2
			H	TEH-TEC	TEH-TEC		00033	61OUL	VS3+ 0.92	0.90		0	19	P 2
87	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	VS2- 1.09	0.98		0	20	P 2
89	144	2	H	TEH-TEC	TEH-TEC		00033	61OUL	VS2+ 0.33	0.53		0	13	P 2
			H	TEH-TEC	TEH-TEC		00028	61OUL	VS2+ 0.85	0.59		0	16	P 2
97	144	2	H	TEH-TEC	TEH-TEC		00028	61OUL	08H+ 0.87	0.83		0	19	P 2
103	144	3	H	TEH-TEC	TEH-TEC		00028	61OUL	BW2+ 1.91	0.16		0	4	P 2
113	144	1	H	BW1-VS3	BW1-VS3		00773	580BC	BW1+ 2.91	0.52		66	SVI	P 1
			H	BW1-VS3	BW1-VS3		00763	580BC	BW1+ 3.03	0.29		32	SVI	P 1
117	144	2	H	TEH-09C	TEH-09C		00000	61OUL	08H+ 33.17	1.49		106	58	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 33.68	1.30		100	65	1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 34.04	1.27		121	47	1
			H	TEH-09C	TEH-09C		00000	61OUL	08H+ 34.07	7.02		37	93	1
			H	08H-BW1	08H-BW1		00018	610RP	08H+ 34.54to+ 43.70	44.85		14	MAI	1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 35.80to+ 39.4	252.8		20	100	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 36.11	315.4		21	100	1
			H	TEH-09C	TEH-09C		00000	61OUL	08H+ 36.32	321.1		17	100	1
			H	TEH-09C	TEH-09C		00000	61OUL	08H+ 39.00	1.12		72	81	1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 41.00	0.93		81	79	1
			H	TEH-TEC	TEH-TEC		00104	610NB	09H- 1.10	3.38		78	63	P 1
			H	08H-BW1	08H-BW1		00018	610RP	08H+ 43.92	1.45		76	MAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 0.82	3.75		73	76	P 1
			H	TEH-09C	TEH-09C		00000	61OUL	09H- 0.79	3.24		84	62	P 1
			H	08H-09H	08H-BW1		00107	610RC	09H- 0.26	0.66		0	MAI	1
			H	09H-BW1	08H-BW1		00107	610RC	BW1- 1.66	1.31		149	SAI	P 1
			H	TEH-09C	TEH-09C		00000	61OUL	BW1+ 0.37	3.83		40	96	P 1



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT					
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH	
117	144	2	H	09H-BW1	08H-BW1		00107	610RC	BW1+ 0.49	4.37		77	MAI	P 1	
			H	TEH-TEC	TEH-TEC		00104	610NB	BW1+ 0.59	3.83		35	94	P 1	
			H	08H-BW1	08H-BW1		00018	610RP	BW1+ 0.62	1.79		88	SAI	P 1	
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 0.66	4.54		32	97	P 1	
123	144	1	H	BW1-VS3	BW1-VS3		00612	580RP	BW1+ 5.60to+ 6.2	1.54		139	SAI	P 1	
127	144	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+ 0.63	0.61		0	17	P 2	
131	144	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+ 0.66	0.50		0	15	P 2	
	24	145	2	H	TEH-TEC	TEH-TEC		00037	610UL	02H+ 17.40	0.61		154	19	1
			H	02H-03H	02H-03H		00259	610RP	02H+ 17.75	0.64		0	SVI	1	
	60	145	2	H	TEH-TEC	TEH-TEC		00033	610UL	VS3- 1.08	0.59		0	14	P 2
	66	145	2	H	TEH-TEC	TEH-TEC		00033	610UL	08H+ 0.67	0.98		0	20	P 2
	86	145	2	H	TEH-TEC	TEH-TEC		00032	610UL	08H+ 0.83	1.10		0	21	P 2
	94	145	2	H	TEH-TEC	TEH-TEC		00028	610UL	08H+ 0.61	0.72		0	18	P 2
104	145	2,3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1- 1.45	0.59		0	17	P 2	
106	145	3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1- 1.78	0.24		0	6	P 2	
116	145	2	H	TEH-TEC	TEH-TEC		00105	11812	09H- 1.57	0.87		0	23	P 2	
			H	TEH-TEC	TEH-TEC		00104	610NB	09H- 1.34	0.99		0	22	P 2	
			H	TEH-TEC	TEH-TEC		00003	610UL	09H- 1.28	1.13		0	28	P 2	
			H	TEH-BW1	TEH-BW1		00103	630UC	09H- 1.26	0.97		0	28	P 2	
			H	TEH-TEC	TEH-TEC		00106	11412	09H- 1.25	0.59		0	17	P 2	
118	145	2,3	H	09H-BW1	08H-BW1		00018	610RP	09H- 2.19TO- 2.00	0.51		139	SAI	P 1	
124	145	2,3	H	TEH-TEC	TEH-TEC		00104	610NB	BW1+ 1.08	2.42		50	85	P 1	
			H	08H-BW1	08H-BW1		00060	610RP	BW1+ 1.11TO+ 1.90	7.97		46	SAI	P 1	
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 1.11	2.28		59	86	P 1	
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1+ 1.36	4.35		52	91	P 1	
			H	TEH-TEC	TEH-TEC		00104	610NB	BW1+ 1.37	3.90		45	88	P 1	
			H	TEH-TEC	TEH-TEC		00013	610UL	BW1+ 1.46	2.51		59	81	P 1	
			H	TEH-TEC	TEH-TEC		00013	610UL	BW1+ 1.77	4.05		56	83	P 1	
128	145	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	06H+ 1.00	0.92		0	19	P 2	
130	145	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	08H+ 0.85	1.14		0	22	P 2	
	73	146	H	TEH-TEC	TEH-TEC		00032	610UL	VS3- 0.76	0.87		0	20	P 2	
			H	TEH-TEC	TEH-TEC		00032	610UL	VS3+ 0.0	0.62		0	15	P 2	
	89	146	2	H	TEH-TEC	TEH-TEC		00032	610UL	08H+ 1.06	1.07		0	21	P 2
			H	TEH-TEC	TEH-TEC		00032	610UL	BW1+ 1.62	1.19		0	22	P 2	
	91	146	2	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+ 1.72	0.82		0	19	P 2
123	146	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	VS3+ 0.96	0.38		0	12	P 2	
125	146	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	VS1- 0.68	1.72		0	28	P 2	
			H	TEH-TEC	TEH-TEC		00013	610UL	VS5+ 0.74	0.41		0	13	P 2	
129	146	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+ 0.79	1.35		0	24	P 2	
131	146	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	08H+ 1.00	0.81		0	21	P 2	
133	146	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	VS1+ 0.85	0.95		0	24	P 2	
	74	147	H	TEH-TEC	TEH-TEC		00032	610UL	07H+ 0.86	0.67		0	16	P 2	
	80	147	2	H	TEH-TEC	TEH-TEC		00032	610UL	VS3+ 0.89	2.50		0	36	P 2
	98	147	2	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+ 1.65	0.85		0	19	P 2
104	147	3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+ 1.55	0.62		0	15	P 2	
120	147	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+ 0.97	0.88		0	23	P 2	



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STEAM GENERATOR : 22
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION			CURRENT				
				PROGRAM	ACTUAL				VOLTS	MIL	DEG	%	CH			
122	147	1	H	08H-BW1	08H-BW1		00246	610RP	BW1+	1.26TO+	1.50	0.48		131	SAI	P 1
128	147	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	08H+	0.79		0.73		0	16	P 2
49	148	2	H	TEH-TEC	TEH-TEC		00033	610UL	VS4+	0.79		0.76		0	17	P 2
67	148	2	H	TEH-TEC	TEH-TEC		00032	610UL	08H+	1.63		0.52		0	17	P 2
75	148	2	H	TEH-TEC	TEH-TEC		00032	610UL	BW1-	1.57		0.56		0	14	P 2
79	148	2	H	TEH-TEC	TEH-TEC		00032	610UL	08H+	0.76		0.59		0	14	P 2
			H	TEH-TEC	TEH-TEC		00032	610UL	BW1+	1.64		1.53		0	28	P 2
87	148	2	H	TEH-TEC	TEH-TEC		00032	610UL	08H+	0.89		0.58		0	14	P 2
89	148	2	H	TEH-TEC	TEH-TEC		00032	610UL	04N+	0.73		1.04		0	21	P 2
			H	TEH-TEC	TEH-TEC		00032	610UL	BW1+	2.16		1.19		0	22	P 2
91	148	2	H	TEH-TEC	TEH-TEC		00028	610UL	08H+	0.82		0.81		0	20	P 2
99	148	3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	1.78		0.33		0	8	P 2
109	148	1	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	0.53		0.67		0	16	P 2
111	148	1	H	TEH-TEC	TEH-TEC		00028	610UL	BW2+	2.09		0.28		0	7	P 2
117	148	2,3	H	TEH-TEC	TEH-TEC		00028	610UL	09H+	0.55		0.53		0	15	P 2
			H	TEH-TEC	TEH-TEC		00028	610UL	09C+	1.14		0.38		0	10	P 2
121	148	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+	0.82		0.89		0	18	P 2
129	148	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	08H+	0.85		0.60		0	14	P 2
90	149	2	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	1.78		1.29		0	26	P 2
110	149	2,3	H	08H-BW1	08H-BW1		00063	610RP	08H+	0.08TO+	0.70	4.89		33	SAI	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+	0.23		2.93		50	92	P 1
			H	TEH-TEC	TEH-TEC		00106	11412	08H+	0.28		2.92		51	86	P 1
			H	TEH-TEC	TEH-TEC		00105	11812	08H+	0.30		2.58		52	84	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+	0.32		2.53		48	86	P 1
			H	TEH-TEC	TEH-TEC		00028	610UL	08H+	0.33		2.41		52	85	P 1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+	0.61		1.47		88	62	P 1
			H	TEH-TEC	TEH-TEC		00106	11412	08H+	0.67		2.04		76	67	P 1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+	0.67		1.69		75	65	P 1
			H	TEH-TEC	TEH-TEC		00105	11812	08H+	0.68		1.80		81	61	P 1
			H	TEH-TEC	TEH-TEC		00028	610UL	08H+	0.69		1.68		78	64	P 1
			H	08H-BW1	08H-BW1		00063	610RP	BW1+	0.61TO+	0.70	0.99		64	SAI	P 1
116	149	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09H-	1.26		1.70		0	28	P 2
118	149	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09H+	0.70		1.03		0	22	P 2
120	149	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+	0.77		0.96		0	19	P 2
122	149	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+	0.45		1.06		0	25	P 2
124	149	2,3	H	TEH-TEC	TEH-TEC		00013	610UL	09H+	0.82		0.50		0	15	P 2
27	150	2	C	TEC-TEH	TEC-TEH		00097	610UL	VS4-	0.45		0.43		0	11	P 2
33	150	2	C	TEC-TEH	TEC-TEH		00097	610UL	BW1+	2.55		1.01		0	22	P 2
63	150		H	TEH-TEC	TEH-TEC		00032	610UL	BW1+	1.73		0.99		0	20	P 2
101	150	2,3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	1.41		0.67		0	16	P 2
			H	TEH-TEC	TEH-TEC		00028	610UL	VS3-	0.12		0.54		0	16	P 2
			H	TEH-TEC	TEH-TEC		00028	610UL	VS5-	0.32		0.36		0	9	P 2
			H	TEH-TEC	TEH-TEC		00028	610UL	VS6-	0.65		0.56		0	16	P 2
103	150	2,3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	1.41		0.72		0	17	P 2
105	150	2,3	H	TEH-TEC	TEH-TEC		00028	610UL	BW1+	1.29		1.00		0	22	P 2
107	150	2,3	H	BW1-VS2	BW1-VS2		00740	580BC	BW1+	3.57TO+	3.88	1.60		42	SAI	P 1



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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
117	150	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.76	1.75		0	30	P 2
121	150	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	09H+ 0.90	0.89		0	18	P 2
123	150	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.78	0.44		0	11	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS1+ 0.85	0.49		0	12	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.87	0.72		0	16	P 2
66	151	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H- 0.24	1.03		0	28	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	BW1+ 1.76	1.14		0	24	P 2
68	151	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.94	0.96		0	21	P 2
84	151	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.97	0.82		0	18	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	BW1+ 1.09	1.22		0	25	P 2
86	151		H	TEH-TEC	TEH-TEC		00032	61OUL	BW1+ 1.81	0.70		0	17	P 2
98	151	2,3	H	TEH-TEC	TEH-TEC		00028	61OUL	04H+ 1.05	0.58		0	16	P 2
104	151	2,3	H	TEH-TEC	TEH-TEC		00028	61OUL	08H+ 0.73	0.82		0	20	P 2
106	151	2,3	H	TEH-TEC	TEH-TEC		00028	61OUL	BW1+ 1.53	0.34		0	9	P 2
108	151	2,3	H	TEH-TEC	TEH-TEC		00028	61OUL	BW2+ 1.74	0.64		0	15	P 2
116	151	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.09	4.26		0	44	P 2
118	151	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 0.84	1.45		0	27	P 2
122	151	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	09H+ 0.85	0.95		0	24	P 2
17	152	2	H	01H-01H	01H-01H		00064	61ORP	01H- 0.3 TO- 0.1	1.67		71	SAI	P 1
			H	TEH-TSC	TEH-TSC		00098	61OUL	01H- 0.14	0.55		133	31	P 5
83	152	2	H	TEH-TEC	TEH-TEC		00032	61OUL	VS5- 0.81	0.46		0	15	P 2
89	152	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.79	0.73		0	17	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	VS2+ 0.70	2.06		0	33	P 2
91	152		H	TEH-TEC	TEH-TEC		00028	61OUL	BW1+ 1.60	0.54		0	13	P 2
107	152	2	H	08H-LB1	08H-LB1		00064	61ORP	LB1+ 0.0 TO+ 0.2	0.92		22	SAI	P 1
111	152	1	H	TEH-TEC	TEH-TEC		00028	61OUL	07H+ 0.42	0.69		0	16	P 2
113	152	2,3	H	TEH-TEC	TEH-TEC		00028	61OUL	BW1+ 1.50	0.48		0	14	P 2
117	152	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.29	2.61		0	37	P 2
66	153	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H- 0.14	0.64		0	15	P 2
70	153	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.70	0.65		0	16	P 2
84	153		H	TEH-TEC	TEH-TEC		00032	61OUL	08H- 0.20	0.75		0	18	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.87	0.70		0	17	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	VS3+ 0.20	0.41		0	10	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	VS3+ 0.70	0.95		0	21	P 2
110	153	2,3	H	07H-07H	07H-07H		00280	61ORP	07H+ 0.39TO+ 0.80	0.54		66	SAI	P 1
116	153	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.28	6.40		0	48	P 2
61	154		H	TEH-TEC	TEH-TEC		00032	61OUL	BW1+ 1.68	0.75		0	18	P 2
77	154	2	H	TEH-TEC	TEH-TEC		00032	61OUL	07H+ 0.72	0.42		0	11	P 2
			H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.63	0.26		0	6	P 2
81	154	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.66	0.77		0	18	P 2
85	154	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.84	1.69		0	28	P 2
89	154	2	H	TEH-TEC	TEH-TEC		00032	61OUL	08H+ 0.65	0.87		0	20	P 2
93	154	2,3	H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 0.91	0.90		0	19	P 2
95	154	3	H	TEH-TEC	TEH-TEC		00029	61OUL	BW1- 1.68	0.42		0	13	P 2
101	154	2,3	H	TEH-TEC	TEH-TEC		00029	61OUL	04H+ 0.82	0.59		0	16	P 2
105	154	2,3	H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 0.73	0.32		0	9	P 2



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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			CH
				PROGRAM	ACTUAL						MIL	DEG	%	
107	154	2,3	H	TEH-TEC	TEH-TEC		00029	61OUL	BW1+ 1.41	0.93		0	22	P2
117	154	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H- 1.26	2.98		0	39	P 2
46	155	2	H	TEH-TEC	TEH-TEC		00034	61OUL	VS4- 0.93	1.15		0	23	P 2
78	155	2	H	TEH-TEC	TEH-TEC		00032	61OUL	VS3+ 0.00	0.69		0	16	P 2
82	155	2	H	TEH-TEC	TEH-TEC		00030	61OUL	08H+ 1.03	1.18		0	22	P 2
84	155	2	H	TEH-TEC	TEH-TEC		00030	61OUL	VS3- 0.68	3.49		0	41	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	VS3+ 0.24	2.19		0	34	P 2
116	155	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	09H+ 1.11	2.59		0	35	P 2
122	155	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	01C+ 0.61	1.39	114		26	P 1
45	156	2	H	TEH-TEC	TEH-TEC		00034	61OUL	VS4+ 0.81	1.23		0	25	P 2
65	156		H	TEH-TEC	TEH-TEC		00030	61OUL	08H- 0.50	0.88		0	20	P 2
67	156		H	TEH-TEC	TEH-TEC		00030	61OUL	08H- 1.09	0.69		0	16	P 2
71	156	2	H	TEH-TEC	TEH-TEC		00030	61OUL	08H+ 0.79	0.44		0	11	P 2
97	156	3	H	TEH-TEC	TEH-TEC		00029	61OUL	BW2+ 2.04	0.42		0	13	P 2
103	156	2	H	TEH-TEC	TEH-TEC		00104	61ONB	06H+ 0.66	0.98		0	22	P 2
			H	TEH-BW1	TEH-VS2		00103	63OUC	06H+ 0.75	0.53		0	16	P 2
			H	TEH-TEC	TEH-TEC		00029	61OUL	06H+ 0.83	0.66		0	16	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	06H+ 0.89	0.77		0	21	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	06H+ 0.92	1.00		0	21	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	08H- 0.95	0.76		0	17	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	08H- 0.92	0.87		0	22	P 2
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H- 0.90	0.51		0	13	P 2
			H	TEH-TEC	TEH-TEC		00029	61OUL	08H- 0.85	0.51		0	15	P 2
			H	TEH-BW1	TEH-VS2		00103	63OUC	08H- 0.75	0.37		0	12	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	08H+ 0.43	0.79		0	21	P 2
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 0.58	1.20		0	25	P 2
			H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 0.59	0.86		0	21	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	08H+ 0.72	0.70		0	16	P 2
			H	TEH-BW1	TEH-VS2		00103	63OUC	08H+ 0.81	1.05		0	29	P 2
			H	08H-BW1	08H-BW1		00067	61ORP	08H+ 16.39TO+ 19.22	0.57	129	MAI	MAI	P 1
			H	TEH-TEC	TEH-TEC		00029	61OUL	BW1- 1.76	0.72		0	17	P 2
			H	TEH-TEC	TEH-TEC		00105	11812	BW1- 1.74	0.47		0	11	P 2
			H	TEH-TEC	TEH-TEC		00106	11412	BW1- 1.70	0.20		0	6	P 2
			H	TEH-BW1	TEH-VS2		00103	63OUC	BW1- 1.55	0.67		0	22	P 2
			H	TEH-TEC	TEH-TEC		00104	61ONB	BW1- 1.25	0.66		0	16	P 2
105	156	2	H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 0.67	0.72		0	18	P 2
			H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 0.71	0.53		0	15	P 2
			H	TEH-BW1	TEH-VS2		00103	63OUC	08H+ 0.72	0.34		0	11	P 2
			H	08H-09H	08H-BW1		00031	61ORP	08H+ 19.64TO+ 21.00	0.15		0	SAI	P 1
			H	08H-09H	08H-LB1		00108	61ORC	08H+ 21.54TO+ 25.62	13.94		42	MAI	P 1
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 24.24	4.35		68	86	1
			H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 24.28	4.14		67	84	1
			H	TEH-BW1	TEH-VS2		00103	63OUC	08H+ 24.50	4.32		68	87	1
			H	TEH-TEC	TEH-TEC		00104	61ONB	08H+ 25.23	4.20		82	77	1
			H	TEH-TEC	TEH-TEC		00029	61OUL	08H+ 25.28	3.67		83	74	1
			H	TEH-BW1	TEH-VS2		00103	63OUC	08H+ 25.51	3.26		78	81	1

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
105	156	2	H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 25.58	4.79		73	83	1
			H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 25.78	4.80		73	80	1
			H	TEH-BW1	TEH-VS2		00103	630UC	08H+ 25.85	4.64		59	91	1
			H	08H-09H	08H-BW1		00031	610RP	08H+ 26.26TO+ 30.65	3.49		46	MAI	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 26.33	1.83		68	86	1
			H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 26.49	1.80		66	85	1
			H	TEH-BW1	TEH-VS2		00103	630UC	08H+ 26.58	2.00		49	96	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 27.61	0.74		111	57	1
			H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 27.81	0.74		120	46	1
			H	TEH-BW1	TEH-VS2		00103	630UC	08H+ 27.88	0.78		117	51	1
107	156	2	H	08H-LB1	08H-LB1		00067	610RP	08H+ 14.46	1.85		56	SVI	P 2
			H	07H-07H	07H-LB1		00067	610RP	08H+ 24.68TO+ 24.80	1.37		26	SAI	1
109	156	2,3	H	TEH-TEC	TEH-TEC		00029	610UL	06H+ 0.62	0.33		0	11	P 2
111	156	1	H	TEH-TEC	TEH-TEC		00029	610UL	BW1+ 1.02	0.40		0	12	P 2
117	156	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09C+ 1.32	0.69		0	16	P 2
50	157	2	H	TEH-TEC	TEH-TEC		00035	610UL	06H+ 0.84	0.45		0	11	P 2
70	157	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 0.91	1.24		0	23	P 2
74	157	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 0.97	1.62		0	27	P 2
78	157	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 1.03	1.03		0	20	P 2
80	157		H	TEH-TEC	TEH-TEC		00030	610UL	VS3+ 0.79	0.90		0	20	P 2
82	157	2	H	TEH-TEC	TEH-TEC		00030	610UL	VS3+ 0.09	1.74		0	27	P 2
			H	TEH-TEC	TEH-TEC		00030	610UL	VS3+ 0.73	1.43		0	24	P 2
88	157	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H- 0.73	0.72		0	17	P 2
			H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 0.91	1.13		0	22	P 2
			H	TEH-TEC	TEH-TEC		00030	610UL	VS2+ 0.82	0.49		0	12	P 2
100	157	2,3	H	BW1-VS2	BW1-VS2		00737	580BC	BW1+ 2.13to+ 3.3	8.29		51	SAI	P 1
			H	TEH-TEC	TEH-TEC		00029	610UL	BW1+ 2.90	4.96		56	81	P 1
104	157	2	H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 23.21	0.83		66	85	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 23.28	0.75		59	91	1
			H	TEH-BW1	TEH-BW1		00103	630UC	08H+ 24.46	1.39		88	74	1
			H	08H-BW1	08H-BW1		00031	610RP	08H+ 24.59to+ 28.0	0.98		228	SAI	4
			H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 24.87	1.70		84	73	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 24.96	1.87		89	73	1
			H	TEH-TEC	TEH-TEC		00104	610NB	08H+ 26.20	0.70		112	56	1
			H	TEH-TEC	TEH-TEC		00029	610UL	08H+ 26.24	0.58		108	56	1
			H	TEH-BW1	TEH-BW1		00103	630UC	BW1- 2.24	0.51		0	18	P 2
			H	TEH-TEC	TEH-TEC		00104	610NB	BW1- 1.50	0.35		0	10	P 2
			H	TEH-TEC	TEH-TEC		00029	610UL	BW1- 1.39	0.26		0	9	P 2
106	157	2,3	H	TEH-TEC	TEH-TEC		00029	610UL	BW1+ 1.26	0.86		0	21	P 2
116	157	2,3	H	TEH-TEC	TEH-TEC		00004	610UL	09H+ 1.34	0.71		0	15	P 2
65	158	2	H	TEH-TEC	TEH-TEC		00030	610UL	VS3+ 0.88	1.45		0	25	P 2
67	158	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 1.64	0.66		0	13	P 2
73	158	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 0.91	0.53		0	13	P 2
89	158	2	H	TEH-TEC	TEH-TEC		00030	610UL	08H+ 0.91	1.49		0	26	P 2
97	158	3	H	08H-BW1	08H-BW1		00275	610RP	BW1- 1.93TO- 1.80	0.43		0	SAI	P 1
101	158	2,3	H	TEH-TEC	TEH-TEC		00030	610UL	BW1- 1.63	0.39		0	8	P 2



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE; UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 07/08/94
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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
103	158	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.57	0.52		0	11	P 2
105	158	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.62	2.12		0	31	P 2
117	158	2,3	H	TEH-TEC	TEH-TEC		00004	61OUL	BW1+ 1.72	0.66		0	15	P 2
78	159	2	H	TEH-TEC	TEH-TEC		00030	61OUL	08H+ 0.94	0.78		0	17	P 2
80	159	2	H	TEH-TEC	TEH-TEC		00030	61OUL	VS3+ 0.17	0.84		0	18	P 2
84	159	2	H	TEH-TEC	TEH-TEC		00030	61OUL	VS3- 0.62	1.65		0	27	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	VS3- 0.03	3.89		0	41	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	VS3+ 0.97	4.23		0	43	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	VS5- 0.62	0.70		0	17	P 2
94	159	3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.56	0.64		0	13	P 2
100	159	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	08H+ 0.92	0.61		0	14	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.54	1.22		0	22	P 2
102	159	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	08H+ 0.91	0.89		0	19	P 2
106	159	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 0.18	0.70		0	19	P 2
			H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.56	1.27		0	13	P 2
108	159	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1+ 1.44	0.64		0	19	P 2
114	159	2,3	H	TEH-TEC	TEH-TEC		00030	61OUL	BW1- 1.94	0.90		0	19	P 2
69	160	2	H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.71	0.59		0	17	P 2
75	160	2	H	TEH-TEC	TEH-TEC		00013	61OUL	VS5+ 0.88	0.73	30	0	20	P 2
79	160	2	H	TEH-TEC	TEH-TEC		00013	61OUL	08H+ 0.95	0.67		0	15	P 2
91	160	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	08H+ 0.86	3.16		0	38	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.17	0.82		0	17	P 2
93	160	3	H	08H-BW1	08H-BW1		00275	61ORP	08H+ 19.11TO+ 19.30	0.23		0	SAI	P 1
95	160	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	08H+ 0.97	1.09		0	21	P 2
105	160	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1- 1.94	0.55		0	13	P 2
107	160	2,3	H	BW1-VS2	BW1-VS2		00801	580BC	VS2+ 0.02 18	0.91		0	21	P 1
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.77	1.48		0	26	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS5- 0.69	1.16		0	22	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	VS5+ 1.06	0.78		0	17	P 2
111	160	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.85	1.39		0	30	P 2
66	161	2	H	TEH-TEC	TEH-TEC		00012	61OUL	VS3+ 0.74	0.37		0	12	P 2
70	161	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 0.90	0.97		0	23	P 2
90	161	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	VS2+ 0.54	0.38		0	12	P 2
100	161	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	08H+ 0.82	0.25		0	8	P 2
			H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.76	1.31		0	24	P 2
102	161	2,3	H	TEH-TEC	TEH-TEC		00013	61OUL	BW1+ 1.63	0.51		0	12	P 2
53	162	2	H	TEH-TEC	TEH-TEC		00008	61OUL	BW2- 0.58	1.19		0	17	P 2
65	162	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 0.91	1.46		0	25	P 2
79	162	2	H	TEH-TEC	TEH-TEC		00012	61OUL	VS5- 0.88	0.59		0	12	P 2
83	162	2	H	TEH-TEC	TEH-TEC		00012	61OUL	VS3- 0.62	1.03		0	23	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS3+ 0.26	1.41		0	24	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS5- 0.71	0.49		0	13	P 2
87	162	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 0.85	0.36		0	11	P 2
89	162	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 0.93	1.30		0	28	P 2
93	162	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 1.02	1.05		0	25	P 2
99	162	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	VS3- 0.17	0.71		0	19	P 2

CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
103	162	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	06H+ 0.37	0.78		0	20	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	BW1- 1.65	0.31		0	8	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	BW1+ 1.65	0.33		0	9	P 2
105	162	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	VS3+ 1.05	0.37		0	8	P 2
107	162	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	VS5+ 0.93	0.49		0	10	P 2
102	163	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	BW1+ 1.08	0.98		0	22	P 2
65	164		H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 1.20	1.41		0	27	P 2
67	164	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 1.76	0.63		0	17	P 2
77	164	2	H	TEH-TEC	TEH-TEC		00013	61OUL	VS3+ 0.68	0.71		0	18	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS5- 0.68	0.84		0	22	P 2
87	164	2	H	TEH-TEC	TEH-TEC		00012	61OUL	08H+ 0.97	0.98		0	22	P 2
101	164	2,3	H	TEH-TEC	TEH-TEC		00012	61OUL	VS2- 0.71	0.90		0	21	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS2+ 0.31	1.52		0	29	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS3- 0.71	0.23		0	6	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS3+ 1.00	8.46		0	51	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS5- 1.08	1.52		0	29	P 2
			H	TEH-TEC	TEH-TEC		00012	61OUL	VS5+ 1.17	0.79		0	19	P 2
68	165		H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.74	0.71		0	19	P 2
72	165	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H- 0.29	0.27		0	9	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.83	0.90		0	22	P 2
82	165		H	TEH-TEC	TEH-TEC		00011	61OUL	06H+ 0.80	0.46		0	14	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	VS3+ 0.78	0.67		0	18	P 2
84	165	2	H	TEH-TEC	TEH-TEC		00011	61OUL	VS3- 0.83	1.07		0	25	P 2
90	165	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.80	1.68		0	32	P 2
51	166	2	H	TEH-TEC	TEH-TEC		00008	61OUL	VS4- 0.77	1.54		0	26	P 2
67	166	2	H	TEH-TEC	TEH-TEC		00011	61OUL	VS5+ 1.03	0.33		0	11	P 2
69	166	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.97	1.05		0	25	P 2
73	166	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H- 1.11	1.15		0	26	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.85	0.34		0	11	P 2
75	166	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.88	1.78		0	33	P 2
99	166	3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.81	0.23		0	8	P 2
103	166	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	BW1- 1.63	0.28		0	9	P 2
82	167	2	H	TEH-TEC	TEH-TEC		00011	61OUL	VS3+ 0.81	0.58		0	17	P 2
90	167	3	H	TEH-TEC	TEH-TEC		00011	61OUL	07H+ 0.83	0.17		0	6	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.89	0.73		0	19	P 2
94	167	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.85	1.14		0	26	P 2
96	167	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.95	0.65		0	18	P 2
65	168	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H- 0.43	0.65		0	18	P 2
67	168	2	H	TEH-TEC	TEH-TEC		00011	61OUL	07H+ 1.05	0.71		0	19	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 1.56	1.28		0	28	P 2
83	168	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 1.09	0.97		0	23	P 2
91	168	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	05H+ 1.03	0.74		0	20	P 2
8	169	2	H	TEH-TEC	TEH-TEC		00002	61OUL	BW2+ 0.33	0.28		0	10	P 2
66	169	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H- 1.23	1.01		0	24	P 2
			H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.88	3.91		0	45	P 2
70	169	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.80	2.52		0	39	P 2



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 46 OF 48
DATE: 07/08/94
TIME: 14:44:52

ROW	LIN	EXP	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
78	169	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.75	1.15		0	26	P 2
80	169		H	TEH-TEC	TEH-TEC		00011	61OUL	04H+ 0.88	0.78		0	20	P 2
84	169	2	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.95	1.76		0	33	P 2
86	169		H	TEH-TEC	TSH-TEC		00011	61OUL	BW1+ 1.76	1.02		0	24	P 2
88	169		H	TEH-TEC	TEH-TEC		00011	61OUL	BW1+ 1.40	2.06		0	35	P 2
92	169	2,3	H	TEH-TEC	TEH-TEC		00011	61OUL	08H+ 0.97	0.57		0	16	P 2
61	170	2	H	TEH-TEC	TEH-TEC		00010	61OUL	07H- 1.02	0.50		0	14	P 2
69	170	2	H	TEH-TEC	TEH-TEC		00010	61OUL	08H+ 0.83	1.65		0	32	P 2
79	170	2	H	TEH-TEC	TEH-TEC		00010	61OUL	VS3+ 0.56	0.62		0	17	P 2
66	171	2	H	TEH-TEC	TEH-TEC		00010	61OUL	08H+ 1.08	1.74		0	33	P 2
72	171	2	H	TEH-TEC	TEH-TEC		00010	61OUL	VS3- 0.74	0.60		0	17	P 2
			H	TEH-TEC	TEH-TEC		00010	61OUL	VS3- 0.11	0.80		0	21	P 2
			H	TEH-TEC	TEH-TEC		00010	61OUL	VS5- 0.63	0.49		0	15	P 2
78	171	2	H	TEH-TEC	TEH-TEC		00010	61OUL	08H+ 1.06	1.26		0	28	P 2
82	171	2	H	TEH-TEC	TEH-TEC		00010	61OUL	VS3+ 0.95	1.74		0	33	P 2
			H	TEH-TEC	TEH-TEC		00010	61OUL	VS5+ 0.92	1.32		0	28	P 2
88	171		H	TEH-TEC	TEH-TEC		00010	61OUL	BW1+ 1.71	2.23		0	34	P 2
65	172	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.84	2.36		0	31	P 2
67	172	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H- 1.81	1.27		0	26	P 2
			H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.83	3.17		0	37	P 2
70	173	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.74	1.80		0	27	P 2
72	173		H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.74	1.35		0	19	P 2
			H	TEH-TEC	TEH-TEC		00009	61OUL	VS3- 0.17	1.92		0	25	P 2
76	173		H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.65	1.29		0	19	P 2
80	173		H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.91	0.77		0	13	P 2
65	174	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.82	0.87		0	16	P 2
69	174	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.78	0.75		0	15	P 2
66	175	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.91	2.00		0	26	P 2
70	175	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.82	1.21		0	18	P 2
			H	TEH-TEC	TEH-TEC		00009	61OUL	BW2- 1.56	1.27		0	19	P 2
61	176	2	H	TEH-TEC	TEH-TEC		00009	61OUL	VS3+ 1.20	1.68		0	23	P 2
69	176		H	TEH-TEC	TEH-TEC		00009	61OUL	08H- 1.01	0.92		0	14	P 2
58	177		H	TEH-TEC	TEH-TEC		00007	61OUL	BW1+ 1.57	1.73		0	27	P 2
66	177	2	H	TEH-TEC	TEH-TEC		00009	61OUL	08H+ 0.83	1.36		0	22	P 2
76	177	2	H	TEH-TEC	TEH-TEC		00009	61OUL	VS5- 0.77	0.63		0	13	P 2
50	179		C	TEC-TEH	TEC-TEH		00096	61OUL	07C+ 0.92	0.46		0	11	P 2
18	187	2	H	TEH-TEC	TEH-TEC		00000	61OUL	02C+ 0.00	0.67		0	15	P 2
32	187	2	H	TEH-TEC	TEH-TEC		00006	61OUL	03C+ 0.14	1.26		0	22	P 2
21	188		H	TEH-TEC	TEH-TEC		00000	61OUL	02C- 0.68	0.61		0	14	P 2
23	188	2	H	TEH-TEC	TEH-TEC		00000	61OUL	03C+ 0.00	1.06		0	22	P 2
25	188		C	TEC-TEH	TEC-TEH		00096	61OUL	04C+ 0.91	0.35		0	10	P 2
			C	TEC-TEH	TEC-TEH		00096	61OUL	02C+ 0.98	0.52		0	14	P 2
8	189	2	H	TEH-TEC	TEH-TEC		00000	61OUL	02C- 1.39	0.59		0	14	P 2
10	189	2	H	TEH-TEC	TEH-TEC		00000	61OUL	02C+ 0.00	1.48		0	27	P 2



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR : 22
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 47 OF 48
DATE: 07/08/94
TIME: 14:44:52

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 1447
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 2114

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:
Percent: MAI, MCI, SAI, SCI, SVI, 0 to 100%

REPORT OPTIONS:
Only examination results matching criteria are included

- NO PAGE 48 -



APPENDIX C

TUBE PLUG MAP



04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 21

DATE: 07/16/93

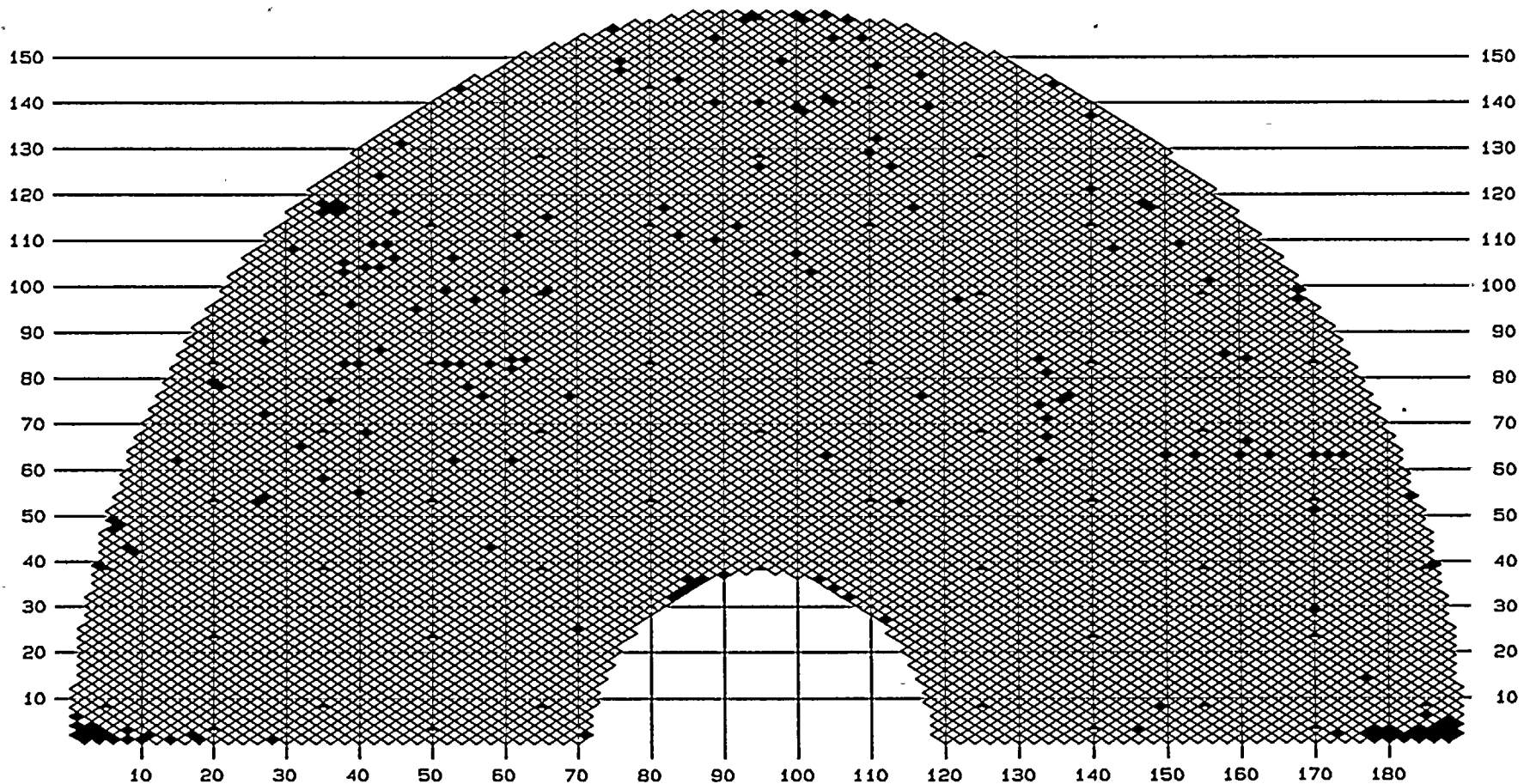
TIME: 08:40:29

LOCATION: ALL

CRITERIA: TBP

STAYS ▲

PLUGGED 114 ♦ TBP 74 ♦





04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22

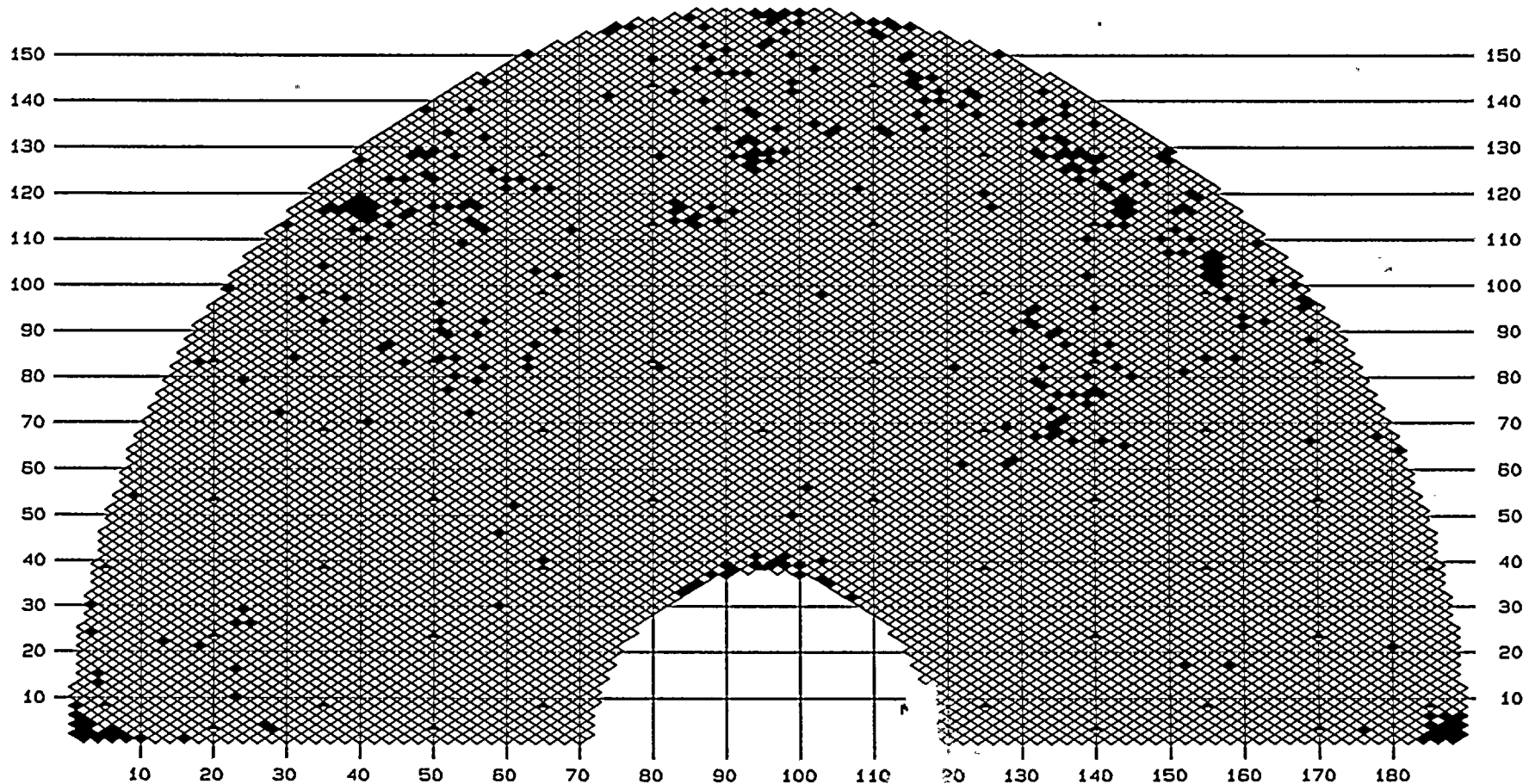
DATE: 07/16/93

TIME: 16:27:13

LOCATION: ALL
CRITERIA: TBP

STAYS ▲

PLUGGED 195 ♦ TBP 175 ♦





APPENDIX D

SUMMARY DATA SHEETS (PLP)



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 21
LOCATION: ALL
CRITERIA: PLP

PAGE: 1 OF 1
DATE: 07/15/93
TIME: 16:52:01

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT					
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH	
43	8		C	TEC-TEH	TEC-TEH		00035	61OUL	BW1+ 28.17	9.00		115	PLP	8	
			H	07H-VS3	07H-VS4		00616	58ORP	BW1+ 30.41	5.05		0	PLP	11	
42	9	1	H	BW1-VS3	BW1-VS4		00613	58ORP	BW1+ 28.56	7.64		0	PLP	11	
106	29	3,5	H	TSH-01H	TSH-01H		00271	61ORP	01H+ 0.71	5.43		84	PLP	11	
107	30	1	H	01H-01H	01H-01H		00080	61ORP	01H+ 0.59TO+ 1.43	3.18		261	PLP	11	
	3	52	1	H	TSH-TSH	TSH-TSH		00101	61ORP	TSH+ 0.04to+ 0.67	1.62		260	PLP	11
			H	TSH-TSH	TSH-TSH		00109	61ORC	TSH+ 0.30	7.39		151	PLP	12	
			H	TSH-TSH	TSH-TSH		00109	61ORC	TSH+ 1.06	10.86		154	PLP	12	
			H	TEH-07H	TEH-BW1		00091	61OUL	TSH+ 1.08	0.45		0	PLP	8	
	5	52	5	H	TSH-01H	TSH-01H		00271	61ORP	TSH+ 0.37	3.61		257	PLP	11
	2	53	1	H	BW1-BW1	TSH-TSH		00101	61ORP	TSH+ 0.29	1.24		69	PLP	11
135	60	3	C	TSC-01C	TSC-01C		00131	61ORP	TSC+ 0.44	2.19		86	PLP	11	
137	60	3	C	TSC-01C	TSC-01C		00131	61ORP	TSC+ 0.15	5.90		81	PLP	11	
134	61	2,3	C	TSC-01C	TSC-01C		00100	61ORP	TSC+ 1.21	3.50		116	PLP	11	
			C	TEC-TEH	TEC-TEH		00079	61OUL	TSC+ 1.15	0.31		338	PLP	8	
136	61	2,3	C	TEC-TEH	TEC-TEH		00079	61OUL	TSC+ 1.27	0.63		193	PLP	8	
			C	TSC-01C	TSC-01C		00100	61ORP	TSC+ 0.81	7.92		112	PLP	11	
155	94	3,5	H	TSH-01H	TSH-01H		00262	61ORP	TSH+ 0.24	7.62		0	PLP	11	
157	94	1	H	TSH-TSH	TSH-TSH		00064	61ORP	TSH+ 0.40	4.40		90	PLP	11	
156	95	1,4	H	TSH-01H	TSH-01H		00209	61ORP	TSH+ 0.67	3.93		87	PLP	11	
	2	137	4	H	TSH-01H	TSH-01H		00212	61ORP	TSH+ 0.74	5.02		0	PLP	11
	1	138	1	H	TSH-01H	TSH-01H		00114	61ORP	TSH+ 0.68	5.69		266	PLP	11
	55	182	4	C	TSC-01C	TSC-01C		00127	61ORP	TSC+ 0.35	4.04		78	PLP	11
			C	TSC-01C	TSC-01C		00140	61ORP	TSC+ 0.35	2.48		77	PLP	11	
	57	182	C	TSC-01C	TSC-01C		00137	61ORP	TSC+ 0.58	0.37		71	PLP	11	
			C	TSC-01C	TSC-01C		00137	61ORP	TSC+ 0.04	1.50		75	PLP	11	
52	183	2	C	TSC-TSC	TSC-TSC		00102	61ORP	TSC+ 0.23	1.71		264	PLP	11	
51	184	2	C	TSC-TSC	TSC-TSC		00102	61ORP	TSC+ 0.19	4.99		81	PLP	11	

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 20
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 28

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

Only examination results matching criteria are included

MAP OPTIONS:

Plot data from current examination only



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: PLP

PAGE: 1 OF 1
DATE: 07/16/93
TIME: 08:36:06

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
13	4	2	C	03C-04C	03C-04C		00213	610RP	03C+ 1.49	5.30		0	PLP	11
12	5	2	C	TEC-TEH	TEC-TEH		00002	610UL	03C+ 1.61	0.69		158	PLP	8
			C	03C-04C	03C-04C		00213	610RP	03C+ 1.51	5.41		0	PLP	11
14	5	2	C	TEC-TEH	TEC-TEH		00002	610UL	03C+ 1.61	1.99		152	PLP	8
			C	03C-04C	03C-04C		00213	610RP	03C+ 1.45	6.52		0	PLP	11
14	7		C	TSC-01C	TSC-01C		00213	610RP	TSC+ 0.58	7.53		0	PLP	11
16	7		C	TSC-01C	TSC-01C		00213	610RP	TSC+ 0.56	4.97		0	PLP	11
15	8		C	TSC-01C	TSC-01C		00213	610RP	TSC+ 0.51	5.26		0	PLP	11
17	8		C	TSC-01C	TSC-01C		00213	610RP	TSC+ 0.88	4.48		0	PLP	11
22	19		C	TEC-TEH	TEC-TEH		00003	610UL	TSH+ 0.59	1.10		328	PLP	8
21	20		H	07H-BW1	07H-BW1		00671	610RP	07H+ 1.14to+ 2.1	1.30		0	PLP	11
22	21		H	07H-BW1	07H-BW1		00671	610RP	07H+ 1.11to+ 2.1	0.41		0	PLP	11
4	27	2	C	03C-03C	02C-03C		00215	610RP	02C+ 1.85	0.88		0	PLP	11
			C	03C-03C	02C-03C		00215	610RP	02C+ 0.89	11.36		0	PLP	11
3	28		C	02C-03C	02C-03C		00215	610RP	02C+ 0.66to+ 2.1	5.03		0	PLP	11
2	31		H	TSH-01H	TSH-01H		00904	580BC	TSH+ 1.16	1.54		271	PLP	11
1	32		H	TSH-01H	TSH-01H		00904	580BC	TSH+ 1.05	1.70		0	PLP	11
114	41	1	H	02H-03H	02H-03H		00909	580BC	02H+ 2.86	1.75		0	PLP	11
113	42	3	H	02H-03H	02H-03H		00904	580BC	02H+ 2.07	1.58		91	PLP	11
115	42	2,3	H	02H-03H	02H-03H		00903	580BC	02H+ 2.16	1.70		0	PLP	11
132	57	2,3	H	BW1-VS3	BW1-VS3		00651	580RP	VS3- 1.54	1.43		64	PLP	11
133	70	3	H	BW1-VS3	BW1-VS5		00668	580RP	VS3- 1.38	1.05		73	PLP	11
129	80		H	BW1-VS1	BW1-VS1	RIT	00713	580RP	BW1+ 6.55	0.78		0	PLP	11
			H	BW1-VS1	BW1-VS1	RIT	00713	580RP	BW1+ 7.51	0.95		0	PLP	11
131	80		H	BW1-VS1	BW1-VS1	RIT	00713	580RP	BW1+ 6.78	1.18		246	PLP	11
137	132	2,3	H	TSH-TSH	TSH-TSH		00053	610RP	TSH+ 0.27	3.63		0	PLP	11
52	179		H	07H-VS3	07H-VS3		00571	580RP	07H+ 3.44	1.04		265	PLP	11
51	180		H	07H-VS3	07H-VS3		00569	580RP	07H+ 2.63	1.65		0	PLP	11
53	180		H	07H-VS3	07H-VS3		00571	580RP	07H+ 3.01	0.40		283	PLP	11
52	181		H	07H-VS3	07H-VS3		00569	580RP	07H+ 2.24	1.97		0	PLP	11
51	182		H	07H-VS3	07H-VS3		00569	580RP	07H+ 1.29	1.89		0	PLP	11

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 27
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 31

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

Only examination results matching criteria are included

MAP OPTIONS:

Plot data from current examination only



APPENDIX E

NIS-1 FORM



APS

NIS-1 FORM

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

1. OWNER ARIZONA PUBLIC SERVICE COMPANY, et al
ADDRESS P.O. BOX 52034; PHOENIX, ARIZONA
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 5801 SOUTH WINTERSBURG ROAD, TONOPAH ARIZONA 85354
3. UNIT NUMBER: 2
4. OWNER'S CERTIFICATE OF AUTHORIZATION NONE
5. COMMERCIAL SERVICE DATE: 9/19/86
6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO.
2MRCEE01A STEAM GENERATOR 21 TUBING	COMBUSTION ENGINEERING	79273-1	N/A	22478
2MRCEE01B STEAM GENERATOR 22 TUBING	COMBUSTION ENGINEERING	79273-2	N/A	22479



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 3/93 TO 7/93
8. INSPECTION INTERVAL FROM 9/19/86 TO 3/17/97
9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL

A total of 10,898 (100%) tubes were examined in steam generator 21 and 10,817 (100%) tubes were examined in steam generator 22. Several degraded/defective tubes were observed during testing and they are documented in Appendix B of this report. The tubes identified on the following pages were plugged and/or staked as a result of this examination.

TOTAL TUBES PLUGGED:

SG 21 = 74
SG 22 = 175

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THE EXAMINATIONS AND CORRECTIVE MEASURES TAKEN CONFORM TO THE RULES OF THE ASME CODE, SECTION XI

DATE 7-6-94 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY Alan Mowbray

CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OF PROVINCE OF ARIZONA EMPLOYED BY HSBI & I CO. OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 07-06-94 TO 07-08-94 AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

INSPECTOR Wm. D. Buchanan COMMISSIONS NB 97798 A, N.I. CA1585
NAT' BOARD, STATE, PROVINCE

DATE 07-08-94



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 21
LOCATION: ALL
CRITERIA: TBP

PAGE: 1 OF 2
DATE: 07/16/93
TIME: 16:48:53

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
6	1	1	H	-	-		00000							TBP
43	8		H	-	-		00000							TBP
42	9	1	H	-	-		00000							TBP
62	15		H	-	-		00000							TBP
72	27	2	H	-	-		00000							TBP
88	27	1	H	-	-		00000							TBP
108	31	1	H	-	-		00000							TBP
65	32	1,2	H	-	-		00000							TBP
58	35		H	-	-		00000							TBP
116	35	1	H	-	-		00000							TBP
118	35	1,5	H	-	-		00000							TBP
75	36	1	H	-	-		00000							TBP
117	36	1	H	-	-		00000							TBP
118	37	1	H	-	-		00000							TBP
103	38	1	H	-	-		00000							TBP
105	38	1,5	H	-	-		00000							TBP
117	38	1	H	-	-		00000							TBP
96	39	2	H	-	-		00000							TBP
55	40		H	-	-		00000							TBP
68	41		H	-	-		00000							TBP
104	41	5	H	-	-		00000							TBP
109	42	3	H	-	-		00000							TBP
86	43	2	H	-	-		00000							TBP
104	43	5	H	-	-		00000							TBP
124	43	2,3	H	-	-		00000							TBP
106	45	5	H	-	-		00000							TBP
116	45	1,2	H	-	-		00000							TBP
131	46	1,2	H	-	-		00000							TBP
83	52	2	H	-	-		00000							TBP
99	52	5	H	-	-		00000							TBP
143	54	1,5	H	-	-		00000							TBP
97	56	1	H	-	-		00000							TBP
111	62	5	H	-	-		00000							TBP
25	70	1	H	-	-		00000							TBP
156	75	1	H	-	-		00000							TBP
147	76	3	H	-	-		00000							TBP
149	76	1	H	-	-		00000							TBP
117	82	1	H	-	-		00000							TBP
145	84	3	H	-	-		00000							TBP
34	85	1	H	-	-		00000							TBP
36	87	1	H	-	-		00000							TBP
110	89		H	-	-		00000							TBP
140	89	1	H	-	-		00000							TBP
154	89	1	H	-	-		00000							TBP
113	92		H	-	-		00000							TBP



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STEAM GENERATOR: 21
LOCATION: ALL
CRITERIA: TBP

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT			CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	
126	95	1	H	-	-		00000						TBP
149	98	3	H	-	-		00000						TBP
107	100		H	-	-		00000						TBP
158	101	1	H	-	-		00000						TBP
63	104		H	-	-		00000						TBP
141	104	3	H	-	-		00000						TBP
159	104	1,2	H	-	-		00000						TBP
140	105	1	H	-	-		00000						TBP
154	105	3	H	-	-		00000						TBP
158	107	1	H	-	-		00000						TBP
154	109	1	H	-	-		00000						TBP
129	110	1,5	H	-	-		00000						TBP
148	111	3,5	H	-	-		00000						TBP
27	112	1	H	-	-		00000						TBP
117	116	1	H	-	-		00000						TBP
146	117	3	H	-	-		00000						TBP
139	118	3	H	-	-		00000						TBP
137	140	1,5	H	-	-		00000						TBP
108	143	5	H	-	-		00000						TBP
118	147	1	H	-	-		00000						TBP
117	148	1	H	-	-		00000						TBP
63	150		H	-	-		00000						TBP
63	154		H	-	-		00000						TBP
63	160		H	-	-		00000						TBP
66	161	1	H	-	-		00000						TBP
63	164		H	-	-		00000						TBP
63	170		H	-	-		00000						TBP
63	172		H	-	-		00000						TBP
63	174		H	-	-		00000						TBP

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 74
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 74

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:
Only examination results matching criteria are included

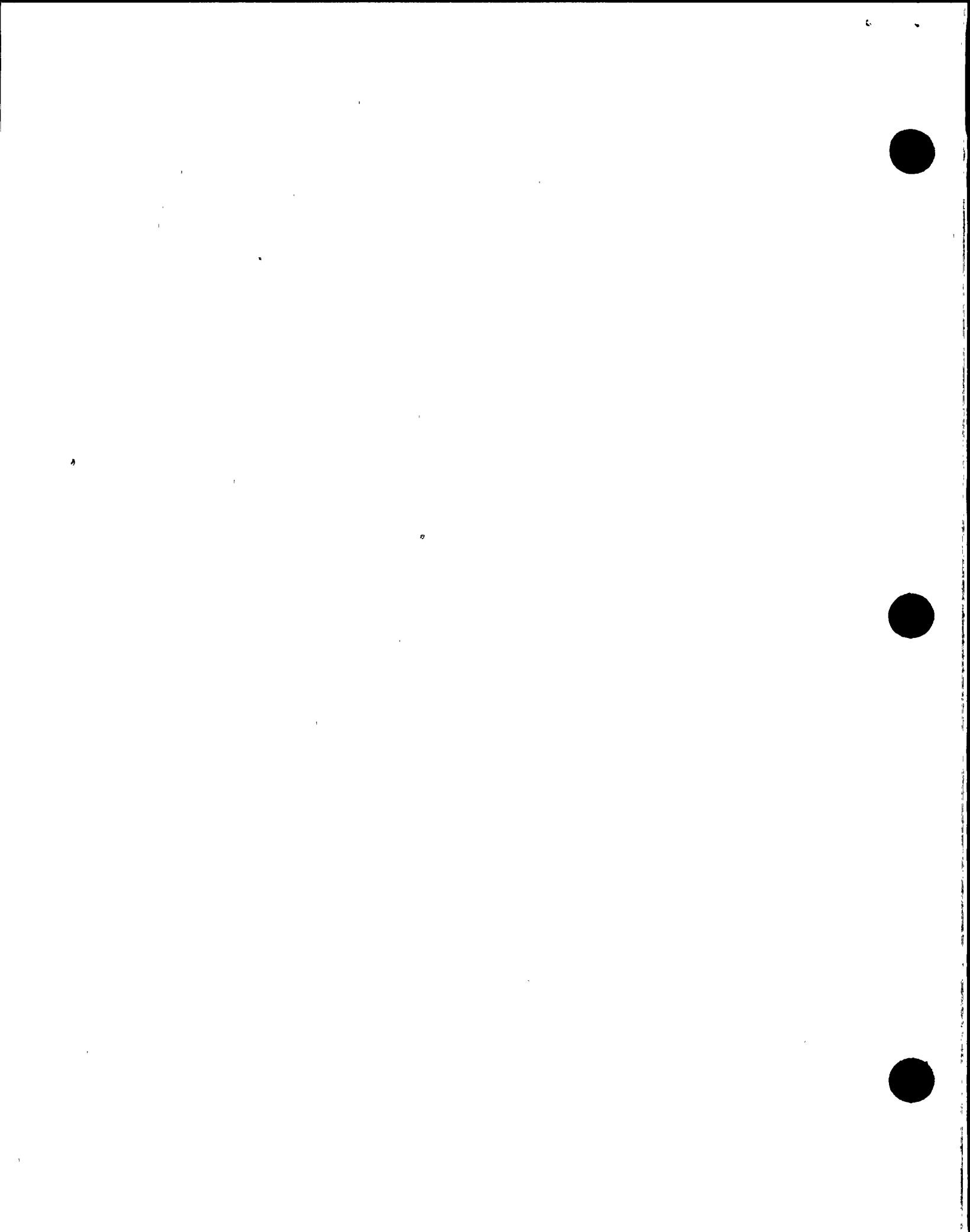


CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: TBP

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT			CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	
13	4	2	H	-	-		00000						TBP
22	13	2	H	-	-		00000						TBP
21	18		H	-	-		00000						TBP
10	23	2	H	-	-		00000						TBP
29	24	2	H	-	-		00000						TBP
4	27	2	H	-	-		00000						TBP
3	28		H	-	-		00000						TBP
97	32	3	H	-	-		00000						TBP
116	35	2,3	H	-	-		00000						TBP
117	36	2,3	H	-	-		00000						TBP
116	37	2,3	H	-	-		00000						TBP
97	38	3	H	-	-		00000						TBP
117	38	2,3	H	-	-		00000						TBP
112	39	1	H	-	-		00000						TBP
116	39	2,3	H	-	-		00000						TBP
118	39	2,3	H	-	-		00000						TBP
115	40	1,2	H	-	-		00000						TBP
117	40	2	H	-	-		00000						TBP
119	40	1	H	-	-		00000						TBP
110	41	2,3	H	-	-		00000						TBP
114	41	1	H	-	-		00000						TBP
116	41	2	H	-	-		00000						TBP
118	41	2,3	H	-	-		00000						TBP
115	42	2,3	H	-	-		00000						TBP
117	42	2	H	-	-		00000						TBP
113	44	1	H	-	-		00000						TBP
123	44	2,3	H	-	-		00000						TBP
118	45	2,3	H	-	-		00000						TBP
115	46		H	-	-		00000						TBP
123	46	2,3	H	-	-		00000						TBP
116	47	2,3	H	-	-		00000						TBP
128	47	2,3	H	-	-		00000						TBP
129	48	3	H	-	-		00000						TBP
124	49	1	H	-	-		00000						TBP
128	49	2,3	H	-	-		00000						TBP
138	49	3	H	-	-		00000						TBP
117	50	2,3	H	-	-		00000						TBP
123	50	2,3	H	-	-		00000						TBP
129	50	2,3	H	-	-		00000						TBP
117	52	2,3	H	-	-		00000						TBP
128	53	2	H	-	-		00000						TBP
109	54		H	-	-		00000						TBP
114	55	3	H	-	-		00000						TBP
118	55	2,3	H	-	-		00000						TBP
113	56	3	H	-	-		00000						TBP



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: TBP

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	
117	56	2,3	H	-	-		00000							TBP
112	57	2	H	-	-		00000							TBP
132	57	2,3	H	-	-		00000							TBP
123	62	2,3	H	-	-		00000							TBP
90	67	2	H	-	-		00000							TBP
141	74	1	H	-	-		00000							TBP
155	74	3	H	-	-		00000							TBP
156	77	3	H	-	-		00000							TBP
128	81		H	-	-		00000							TBP
142	83	1	H	-	-		00000							TBP
35	86	2	H	-	-		00000							TBP
147	86	2,3	H	-	-		00000							TBP
140	87	1	H	-	-		00000							TBP
146	89	2,3	H	-	-		00000							TBP
39	90		H	-	-		00000							TBP
151	90	1,2	H	-	-		00000							TBP
128	91	2	H	-	-		00000							TBP
131	92		H	-	-		00000							TBP
126	93	2	H	-	-		00000							TBP
128	93	2	H	-	-		00000							TBP
132	93	2	H	-	-		00000							TBP
138	93	1	H	-	-		00000							TBP
146	93	1	H	-	-		00000							TBP
41	94	2	H	-	-		00000							TBP
125	94	2	H	-	-		00000							TBP
127	94		H	-	-		00000							TBP
137	94	1	H	-	-		00000							TBP
39	96	2	H	-	-		00000							TBP
127	96		H	-	-		00000							TBP
129	96		H	-	-		00000							TBP
40	97	2	H	-	-		00000							TBP
39	98	2	H	-	-		00000							TBP
129	98		H	-	-		00000							TBP
142	99	1	H	-	-		00000							TBP
144	99	1	H	-	-		00000							TBP
150	99	1	H	-	-		00000							TBP
135	102	1	H	-	-		00000							TBP
147	102	1	H	-	-		00000							TBP
133	104		H	-	-		00000							TBP
134	105	3	H	-	-		00000							TBP
155	110	2,3	H	-	-		00000							TBP
134	111	3	H	-	-		00000							TBP
133	112		H	-	-		00000							TBP
149	114	1	H	-	-		00000							TBP
144	115	1,2	H	-	-		00000							TBP



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: TBP

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT			CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	
146	115	1,2	H	-	-		00000						TBP
150	115	1,2	H	-	-		00000						TBP
137	116	1	H	-	-		00000						TBP
143	116	1,2	H	-	-		00000						TBP
145	116	1	H	-	-		00000						TBP
134	117	3	H	-	-		00000						TBP
140	117	1	H	-	-		00000						TBP
145	118	1,2	H	-	-		00000						TBP
140	119	2,3	H	-	-		00000						TBP
142	119	2,3	H	-	-		00000						TBP
139	122	1	H	-	-		00000						TBP
142	123	1	H	-	-		00000						TBP
137	124	1,2	H	-	-		00000						TBP
141	124	1	H	-	-		00000						TBP
120	125	2	H	-	-		00000						TBP
117	126	2	H	-	-		00000						TBP
150	127	2,3	H	-	-		00000						TBP
135	130	1	H	-	-		00000						TBP
95	132		H	-	-		00000						TBP
129	132	2,3	H	-	-		00000						TBP
135	132	1	H	-	-		00000						TBP
128	133	2,3	H	-	-		00000						TBP
132	133	1	H	-	-		00000						TBP
136	133	1	H	-	-		00000						TBP
142	133	3	H	-	-		00000						TBP
128	135	2	H	-	-		00000						TBP
132	135	2	H	-	-		00000						TBP
125	136	2,3	H	-	-		00000						TBP
129	136	1	H	-	-		00000						TBP
131	136	2,3	H	-	-		00000						TBP
137	136	1	H	-	-		00000						TBP
139	136	3	H	-	-		00000						TBP
126	137	1	H	-	-		00000						TBP
128	137	2	H	-	-		00000						TBP
123	138	1	H	-	-		00000						TBP
125	138	2	H	-	-		00000						TBP
129	138	1	H	-	-		00000						TBP
102	139	2	H	-	-		00000						TBP
110	139	3	H	-	-		00000						TBP
128	139	1	H	-	-		00000						TBP
125	140	1	H	-	-		00000						TBP
127	140	2	H	-	-		00000						TBP
135	140	2,3	H	-	-		00000						TBP
122	141	1	H	-	-		00000						TBP
128	141	2,3	H	-	-		00000						TBP



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

STEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: TBP

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	
121	142	2,3	H	-	-		00000							TBP
116	143	2	H	-	-		00000							TBP
118	143	2,3	H	-	-		00000							TBP
113	144	1	H	-	-		00000							TBP
115	144	2,3	H	-	-		00000							TBP
117	144	2	H	-	-		00000							TBP
119	144	1	H	-	-		00000							TBP
123	144	1	H	-	-		00000							TBP
116	145	2	H	-	-		00000							TBP
118	145	2,3	H	-	-		00000							TBP
124	145	2,3	H	-	-		00000							TBP
122	147	1	H	-	-		00000							TBP
110	149	2,3	H	-	-		00000							TBP
107	150	2,3	H	-	-		00000							TBP
116	151	2,3	H	-	-		00000							TBP
17	152	2	H	TEH-TEH	-		00000							TBP
107	152	2	H	-	-		00000							TBP
117	152	2,3	H	-	-		00000							TBP
110	153	2,3	H	-	-		00000							TBP
116	153	2,3	H	-	-		00000							TBP
84	155	2	H	-	-		00000							TBP
102	155	2,3	H	-	-		00000							TBP
104	155	2,3	H	-	-		00000							TBP
106	155	2,3	H	-	-		00000							TBP
101	156	2,3	H	-	-		00000							TBP
103	156	2	H	-	-		00000							TBP
105	156	2	H	-	-		00000							TBP
107	156	2	H	-	-		00000							TBP
100	157	2,3	H	-	-		00000							TBP
102	157	2,3	H	-	-		00000							TBP
104	157	2	H	-	-		00000							TBP
106	157	2,3	H	-	-		00000							TBP
17	158		H	-	-		00000							TBP
97	158	3	H	-	-		00000							TBP
84	159	2	H	-	-		00000							TBP
91	160	2,3	H	-	-		00000							TBP
93	160	3	H	-	-		00000							TBP
101	164	2,3	H	-	-		00000							TBP
66	169	2	H	-	-		00000							TBP
88	169		H	-	-		00000							TBP



CUMULATIVE REPORT
04/93, ARIZONA PUBLIC SERVICE, PALO VERDE, UNIT 2

TEAM GENERATOR: 22
LOCATION: ALL
CRITERIA: TBP

PAGE: 5 OF 5
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TIME: 15:10:16

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 175
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 175

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

Only examination results matching criteria are included



1
2
3
4
5
6
7
8
9
10
11
12

ENCLOSURE 1

12-11-77

