

PALO VERDE NUCLEAR GENERATING STATION
UNIT 1
STEAM GENERATOR EDDY CURRENT EXAMINATION
5TH REFUELING OUTAGE
APRIL 1995

ARIZONA PUBLIC SERVICE
P.O. BOX 52034
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COMMERCIAL SERVICE DATE: 1/28/86
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201/191/17
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201/191/17

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UNIT 1 STEAM GENERATOR EDDY CURRENT EXAMINATION

1.0 Summary

The Unit 1 5th refueling outage eddy current examinations were conducted during the months of April and May of 1995. The initial examination plan for both steam generators was as follows.

- Examine 100% of steam generator 11 (SG 11) and steam generator 12 (SG 12) using bobbin coil technique.
- Examine ~2500 tubes each in SG 11 and SG 12 from 07H-2nd VS using the rotating coil (RC) technique. These tubes were selected in the area of interest for ARC region axial indications.
- Examine ~200 tubes each in SG 11 and SG 12 from 07H-2nd VS using RC. These tubes were selected in areas between columns 40 - 150 and rows 90 - 110, based on ATHOS model results.
- Examine 100% of hot leg tubesheet (TSH) in SG 11 and SG 12 using RC technique.
- Examine ~2200 tubes each at the cold leg tubesheet (TSC) in SG 11 and SG 12 using RC. These tubes were selected in various areas of the steam generator.
- Examine ~110 tubes each in SG 11 and SG12 from 07C-07H using RC. These tubes were selected in the row 1 and 2 short radius U-Bend region.
- Examine ~150 previous wear indications from 02H-VS3 in SG 11 and SG12 using the RC technique.

Multiple expansions were performed in both steam generators due to various indications detected. See Table 1 for actual scope of examinations, expansion description, and examination extents.

The examination resulted in 39 tubes being plugged in SG11, and 109 tubes being plugged in SG 12.

2.0 Examination Discussion

The examination plan was developed based upon findings associated with previous eddy current examinations performed in Units 1, 2, and 3, and requirements set forth in 73TI-9RC01. The 100% bobbin coil examinations were performed for general screening purposes, overall detection and to satisfy Technical Specifications. RC examinations were performed in the arc region of the steam generators in search of axial cracking similar to that found in the arc region in previous outages. The RC examinations on tubing between columns 40-150 and rows 90-110 were performed to determine if axial cracking was occurring outside the defined arc region. RC examinations at the hot leg tubesheet location were performed in search of circumferential indications similar to those found previously in Unit 1.

The RC examinations performed at the cold leg tubesheet were in response to Mixed Mode Indications (MMI) found during the U2R5 outage. RC examinations in rows 1 and 2 from 07H-07C were performed in search of axial cracking in the short radius U-Bend region. RC examinations of prior hot leg wear calls were performed to aid in determining if axial cracking was occurring in wear locations.

An expansion criteria was developed prior to performance of examinations and was as follows:

Axial Indications:

Five (5) tube buffer zone (all directions)

RC of any bobbin indications that exceed PVNGS plugging criteria.

RC of all bobbin I codes including ADR's (absolute drift).

Circumferential Indications:

Expand to 100% of cold leg tubesheet if (1) SCI is detected in cold leg sample.

The exam description, the extent examined and number of tubes analyzed are identified in Table 1. Appendix B contains maps of the scope of inspection including expansions of the tubes analyzed using bobbin coil and RC.

TABLE 1
EXAMINATION SUMMARY

SCOPE DESCRIPTION		SG 11		SG 12	
Exam Description	Extents	Analyzed	Scope	Analyzed	Scope
FULL LENGTH BOBBIN	TEC-TEH	10,882	10,882	10,819	10,819
TUBE SHEET RC	TSH-TSH	10,882	10,882	10,819	10,819
TUBE SHEET RC	TSC-TSC	2205	2205	2205	2205
U-BEND RC	07H-2nd VS	2584	2584	2579	2579
LOW ROW U-BEND RC	07C-07H	107	107	123	123
RANDOM ARC RC	07H-2nd VS	187	187	185	185
RC WEAR CALLS 02H-VS3	VARIOUS	141	141	184	184
EXPANSION 1-SPECIAL INTEREST RPC / PID	VARIOUS	175	175	213	213
EXPANSION 2 RC MAG BIAS RETEST	VARIOUS	32	32	10	10
EXPANSION 3-RC MAI/SAI BOUNDING	VARIOUS	0	0	45	45

TABLE 1
EXPANSION DESCRIPTION (continued)

EXPANSION 1	This expansion is utilized to track the special interest RC performed to quantify or evaluate bobbin or previously called indications. This includes NQI, ADR, DSI, DTI, PLP, and other areas. PID (positive identification) were run to verify that tube identification is correct.
EXPANSION 2	Retest of various tubes using a Magnetic Bias RC probe was necessary due to permeability in the tubing. Magnetic Bias retested tube totals are also included in original scope totals.
EXPANSION 3	RC examinations bounding SAI's to aid in determinations of additional SAI's in general area. This expansion was triggered by SAI's found in original RC scope.

3.0 Examination Results

Steam Generator 11

The eddy current examinations (bobbin coil and RC) resulted in 0 tubes defective and 126 degraded tubes and was classified in category C-1. RC examinations at the hot leg tubesheet region resulted in 19 tubes containing circumferential indications and 7 tubes containing axial indications. RC examinations (including expansions) elsewhere in the steam generator resulted in 7 tubes containing axial indications and 33 tubes containing volumetric indications. RC examinations performed at the cold leg tubesheet resulted in 0 mixed mode indications. Analysis of bobbin and RC data revealed 2 tubes with loose parts. None of the tubes with loose parts exhibited associated wear.

Steam Generator 12

The eddy current examinations (bobbin coil and RC) resulted in 0 tubes defective and 133 degraded tubes and was classified in category C-1. RC examinations at the hot leg tubesheet region resulted in 57 tubes containing circumferential indications and 10 tubes containing axial indications. RC examinations (including expansions) elsewhere in the steam generator resulted in 22 tubes containing axial indications and 44 tubes containing volumetric indications. RC examinations performed at the cold leg tubesheet resulted in 0 mixed mode indications. Analysis of bobbin and RC data revealed 2 tubes with loose parts. One of the tubes with loose parts exhibited associated wear.

A complete summary of the bobbin and RPC examination results are located in Table 2 of this report. In addition, Appendix A contains a reference drawing of steam generator support locations. The summary data sheets of appendix C list all tubes in each steam generator with indications expressed as a percent wall thickness reduction, or as a analysis code. Appendix D contains summary data sheets for tubes classified as possible loose parts.

4.0 Examination Techniques and Equipment

The eddy current examination was performed by Rockridge Technologies (formerly Conam Nuclear Inc.) using Zetec MIZ 30 digital data acquisition and analysis systems. The following frequencies were used for the tube examination(s):

Bobbin Coil	RC	
500 KHZ	400 KHZ	
300 KHZ	300 KHZ	
100 KHZ	100 KHZ	NOTE: These frequencies were
20 KHZ	20 KHZ	utilized in both differential and
		absolute modes.

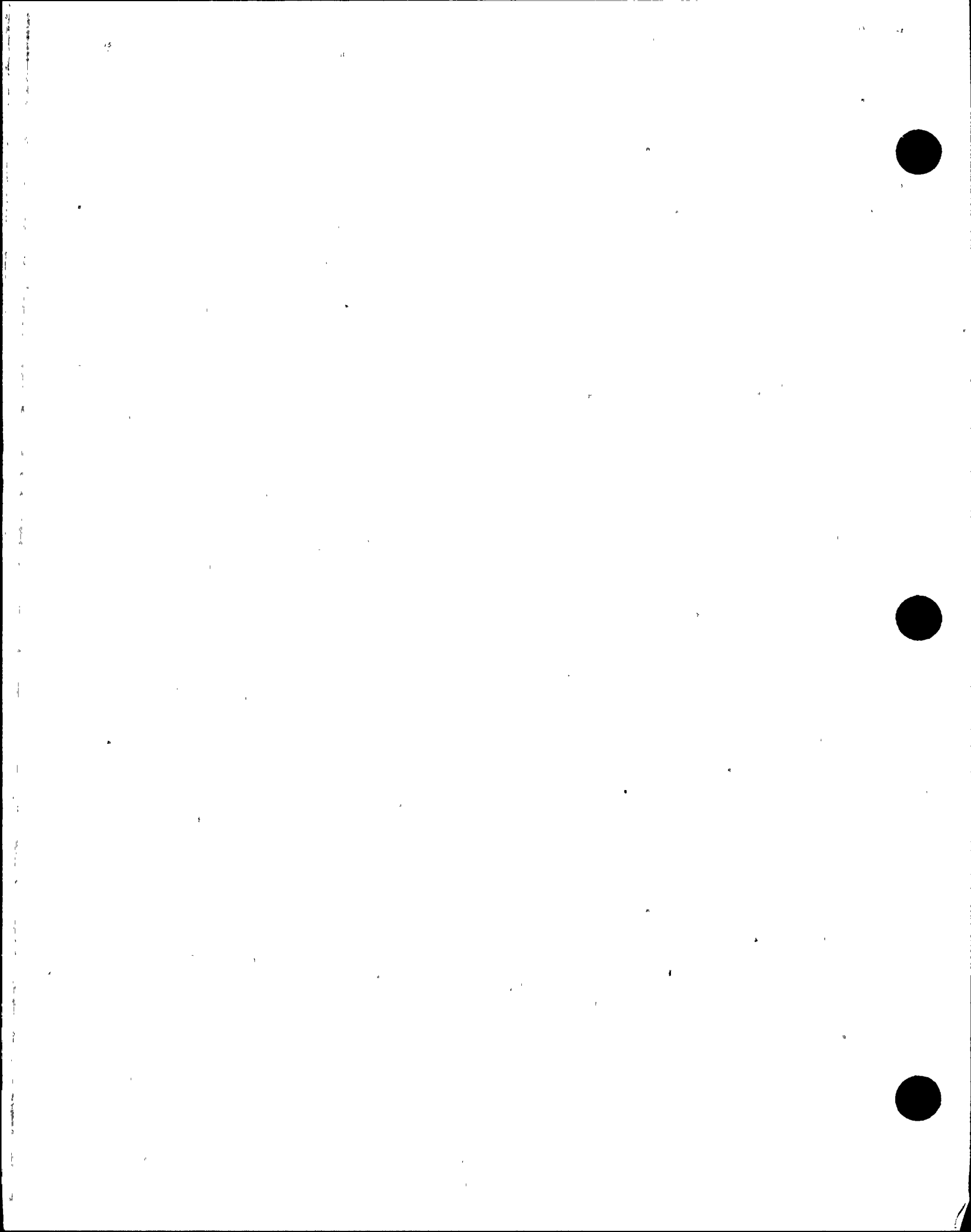
All tubing was examined with Zetec manufactured bobbin coil and RC style probes, either 0.610, 0.600, 0.590 or 0.580 inch diameter. Multiple configurations of 3 coil RC probes and Plus Point RC probes were used for the detection and characterization of axial and circumferential indications. Data acquisition was facilitated by using Zetec SM-22's with quad guide tubes and dual guide tubes in the hot leg and cold leg respectively of steam generators 11 and 12. A BWNT Rodger with a quad guide tube was used in the hot legs of steam generators 11 and 12.

Fiber optic cable was used from the MIZ 30 containment location to the data acquisition room located at the PVNGS North Annex. Primary and Secondary analysis were performed remotely utilizing T-1 line technology. Primary Analysts were located in Benicia California and Lynchburg Virginia. Secondary Analysts were located in San Clemente California. The Primary and Secondary Resolution Analysts were located at PVNGS in the North Annex. Rockridge Technologies provided the data acquisition and primary data analysis. Anatec International, Inc. provided the secondary data analysis.

Each Level IIA individual from Rockridge Technologies and Anatec International, Inc. who performed data analysis was required to complete and pass a PVNGS site specific Eddy Current Data Analysis Course as well as an associated performance examination with at least a 80% proficiency within the last year (12 months). All individuals performing data analysis were also required to have QDA (Qualified Data Analyst) certification.

TABLE 2
INDICATION SUMMARY

INDICATION CATEGORY	STEAM GENERATOR 11		STEAM GENERATOR 12	
Cold Leg Corner Eggcrate Wear				
0% to 19%		7		3
20% to 29%		0		0
30% to 39%		0		0
40% to 100%		0		0
Eggcrate Wear				
0% to 19%		221		306
20% to 29%		22		39
30% to 39%		7		2
40% to 100%		0		0
Batwing Wear				
0% to 19%		538		469
20% to 29%		35		35
30% to 39%		1		2
40% to 100%		0		0
Vertical Strap Wear				
0% to 19%		177		121
20% to 29%		41		15
30% to 39%		15		1
40% to 100%		0		0
Possible Loose Parts				
PLI		0		1
PLP		2		1
Axial Indications	orig	exp 1	orig	exp 1
TEH/TSH	7	0	10	0
02H/01H	0	1	0	1
08H-2nd VS	6	0	21	0
Circumferential Indications				
TSH		19		57
Mixed Mode Indications				
MMI		0		0
Volumetric Indications				
SVI/MVI		33		44

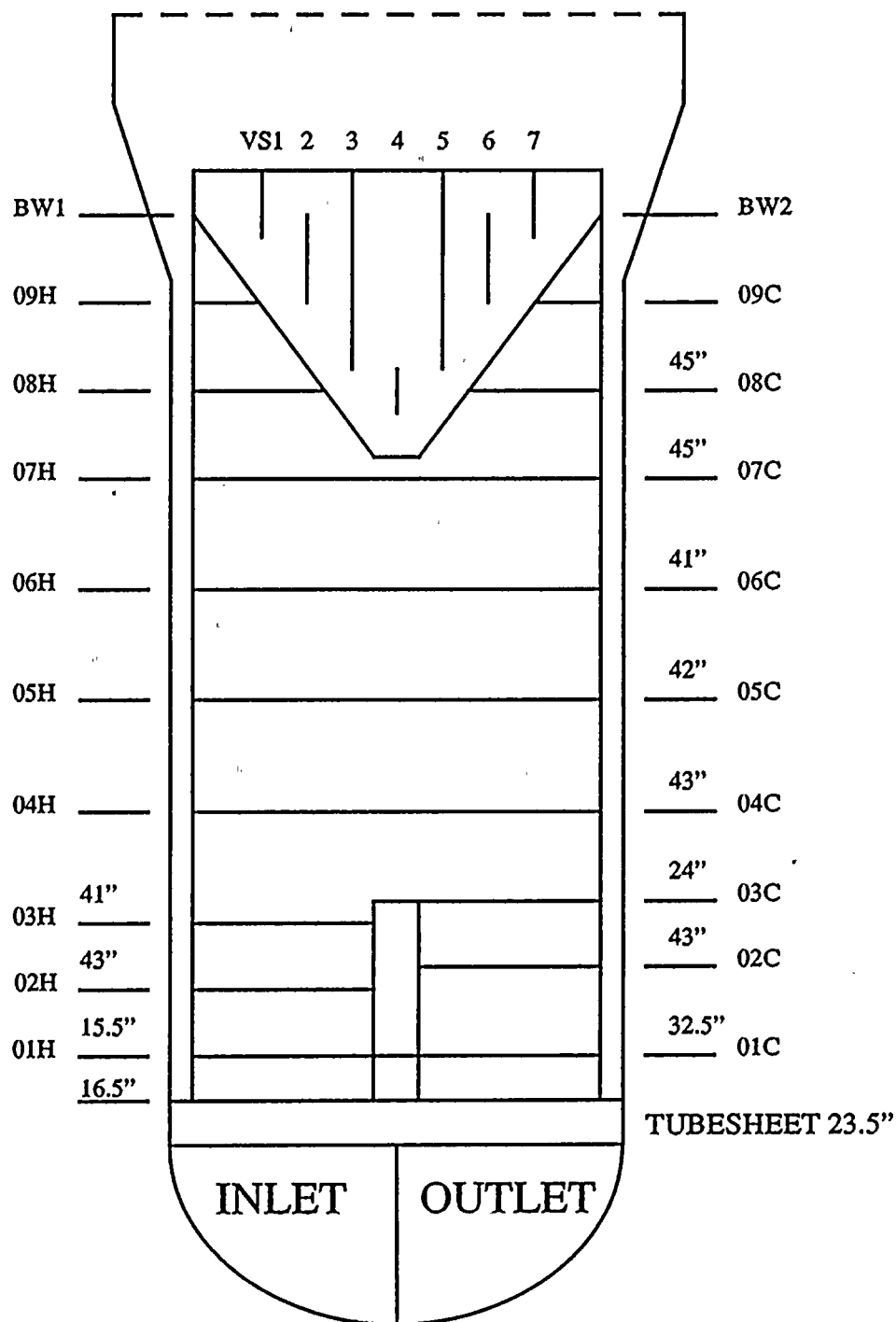


APPENDIX A

STEAM GENERATOR TUBE SUPPORT DIAGRAM



CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM



NOTES:

SUPPORTS 01C&01H
ARE FLOW DISTRI-
BUTION BAFFLES

SUPPORTS 02 THRU 09
ARE EGGRATE TYPE

SUPPORT SPACINGS ARE
IDENTIFIED IN INCHES
BETWEEN THE SUPPORT
CENTER LINES

CORNER EGGRATE IS
COLD LEG SIDE, 7 ROWS
UP, 22 LINES IN, 02C THRU
04C SUPPORTS

APPENDIX B

EXAMINATION PLAN

No Bobbin Indication.....	NBI
No Detectable Defect.....	NDD
Non-Quantifiable Indication	NQI
No Tube Sheet Expansion.....	NTE
Obstructed	OBS
Previous Bobbin Call	PBC
Possible Deposit.....	PDP
Positive Identification	PID
Plugged	PLG
Possible Loose Part with Indication.....	PLI
Possible Loose Part.....	PLP
Previous RC Call.....	PRC
Retest From Other Leg.....	ROL
Retest With 3 coil Probe	R3C
Review Bobbin Probe	RBP
Retest With Flexible U-bend RC Probe	RFF
Retest with Magnetic Bias RC Probe.....	RMB
Single Axial Indication	SAI
Single Circumferential Indication.....	SCI
Sleeved.....	SLV
Single Volumetric Indication	SVI
Sludge	SLG
Volumetric Indication.....	VOL
To Be Plugged.....	TBP
Tube Number check	TNC
Ultrasonic Tube Test	UTT



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.
EXP:	Indicates expansion number.
CAL:	Indicates calibration number.
PROBE:	Indicates probe diameter and style used for examination. MF-bobbin coil mid-frequency SF-bobbin coil spring flex HS-bobbin coil high speed BC-RC big coil CP-RC ceramic plus point TP-RC torlon plus point
LOCATION:	Gives indication location relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows: #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 LegTSC 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.
RC:	Rotating Coil
ANALYSIS CODES:	Absolute DriftADR After Pressure Test.....APT Bad Data.....BDA Baseline Indication.....BLI Bulge.....BLG Bowing.....BOW Deposit.....DEP Dent.....DNT Distorted Support Signal With Indication.....DSI Distorted Top of Tubesheet With Indication.....DTI Expansion Transition LocationETL For Information OnlyFIO FixtureFIX ID Chatter.....IDC Indication Not FoundINF Indication Not Reportable.....INR Multiple Axial Indication.....MAI Mixed Mode Indication.....MMI Multiple Circumferential IndicationMCI Multiple Volumetric Indication.....MVI

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
BOBBIN EXAM

DATE: 08/15/95
TIME: 12: 57: 40

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, OTHERS STAYS

PLUGGED

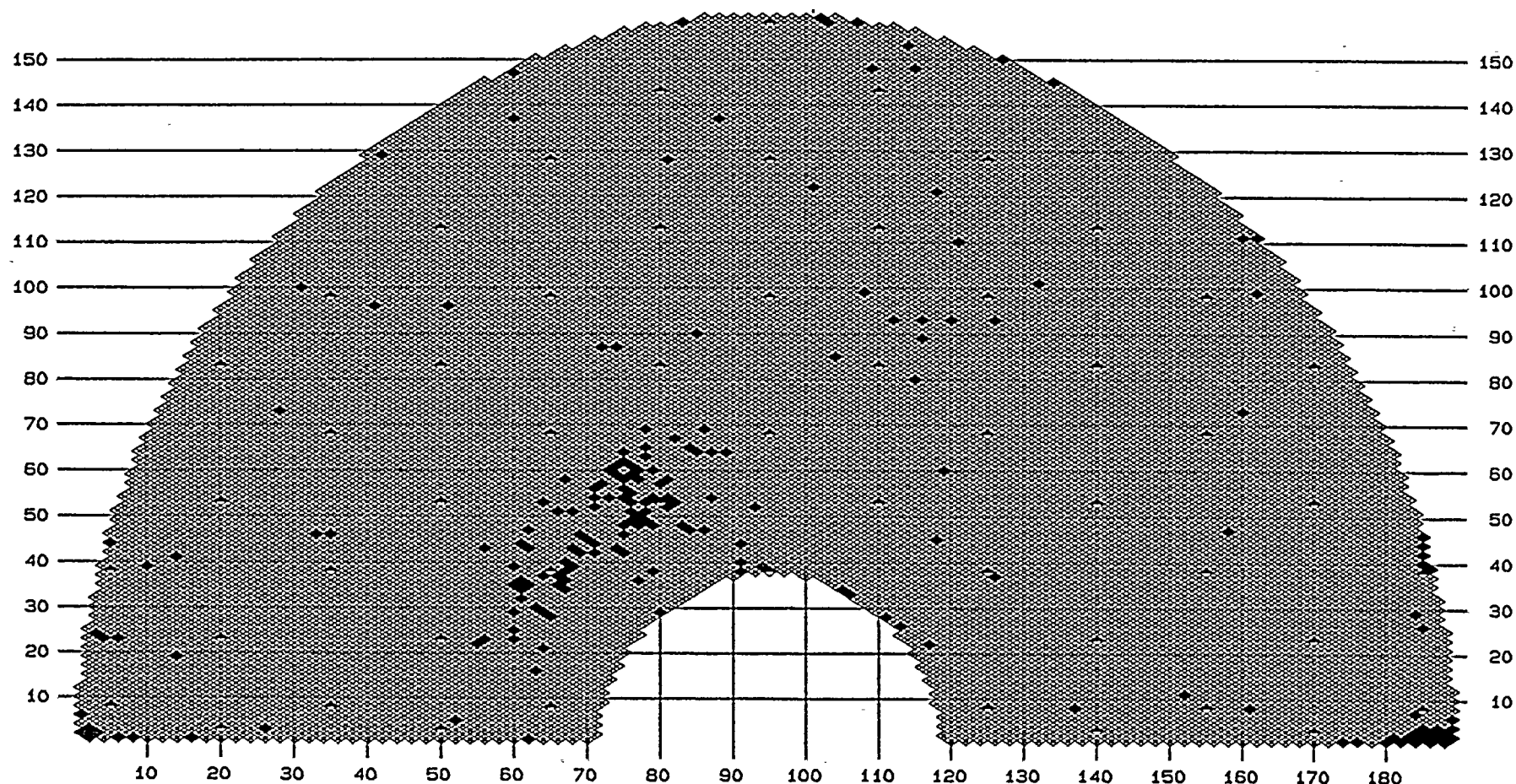
193 ♦

TEC-TEH

10535 X

TEC-07H

184 X





04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
BOBBIN EXAM

DATE: 08/15/95
TIME: 13:02:34

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 31, 32

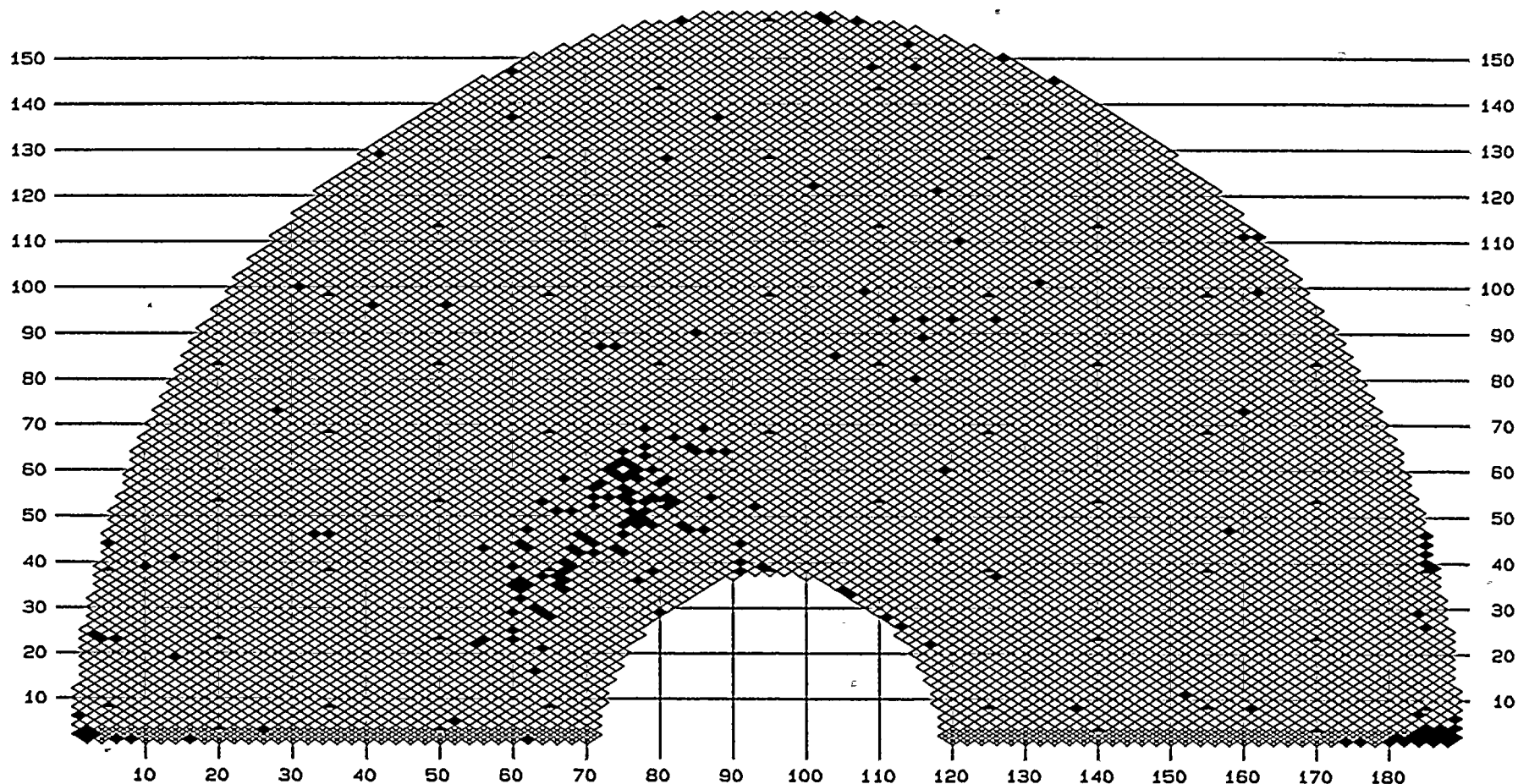
STAYS

PLUGGED

193 ♦

TEH-07H

184 X



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
MRPC LOW ROW U-BEND

DATE: 08/15/95
TIME: 13:04:00

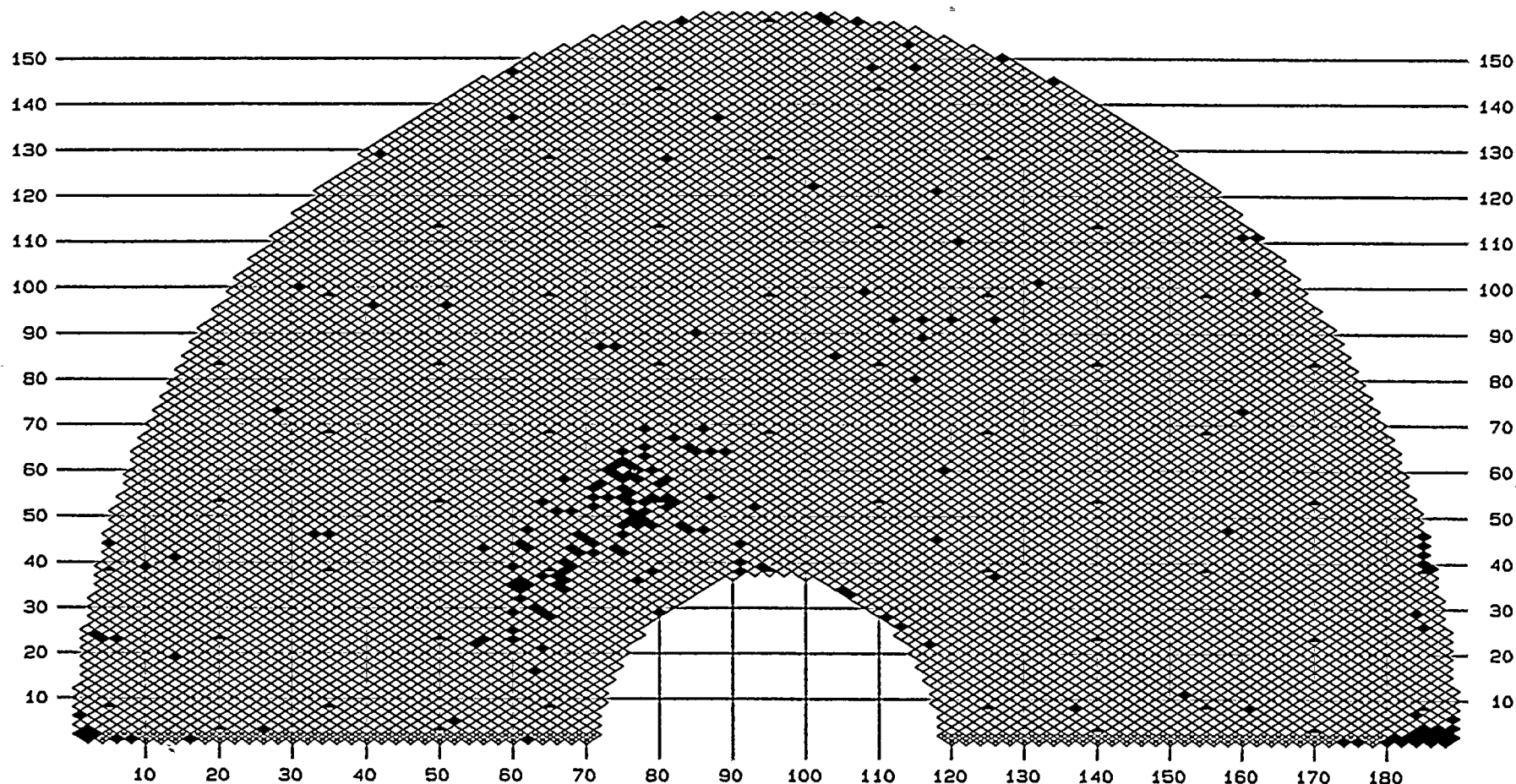
CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 33, 34

STAYS

PLUGGED

193 ♦ 07C-07H

123 X



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
MRPC U-BEND REGION

DATE: 08/15/95
TIME: 13:20:45

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 44, 45, 46, 47, 48, 49, 50, 51

STAYS

PLUGGED

193 ♦

07H-VS3

2341 X

06H-VS3

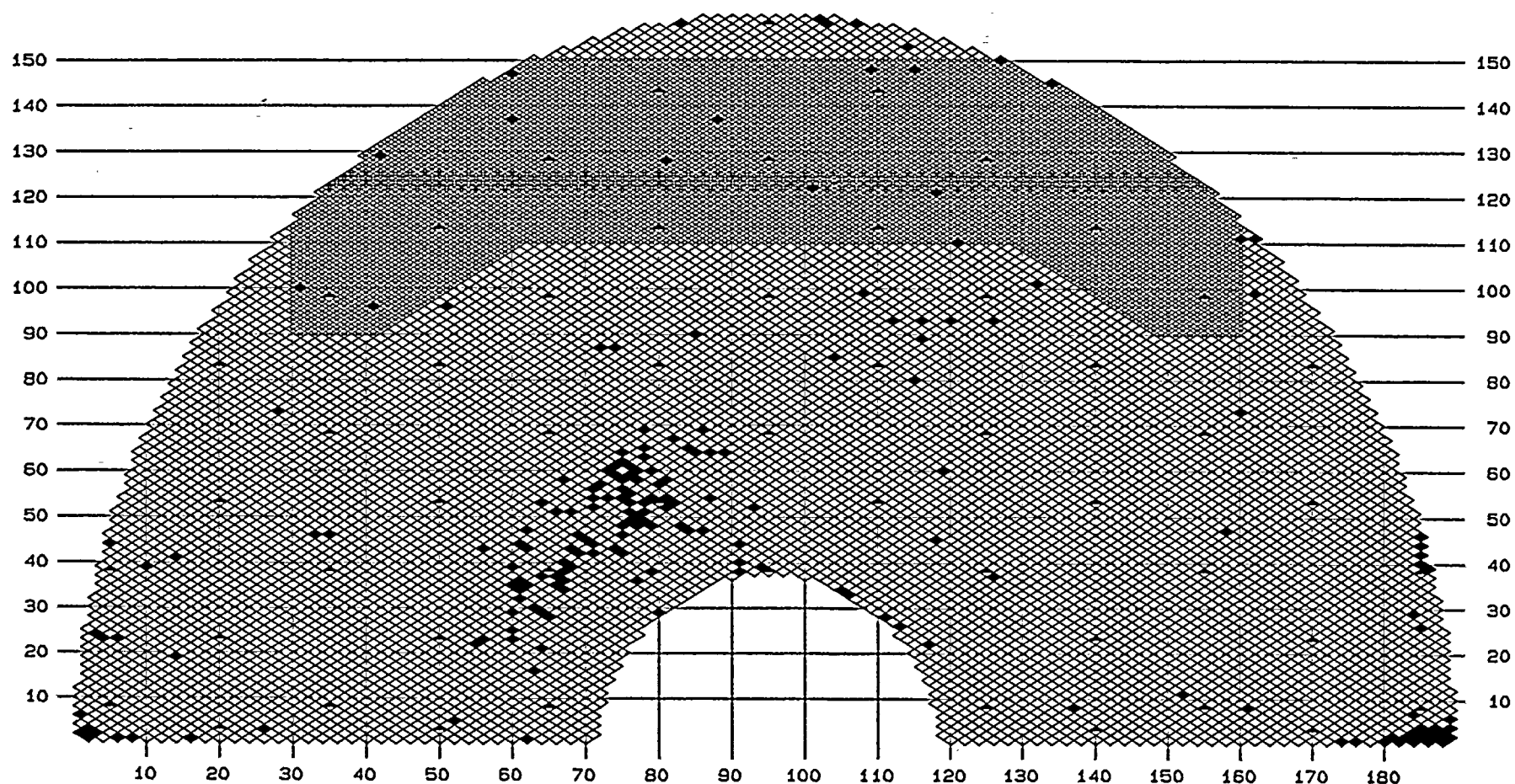
1 X

07H-VS2

235 #

06H-VS2

2 #



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
MRPC RANDOM ARC

DATE: 08/15/95
TIME: 13:23:46

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 52, 53

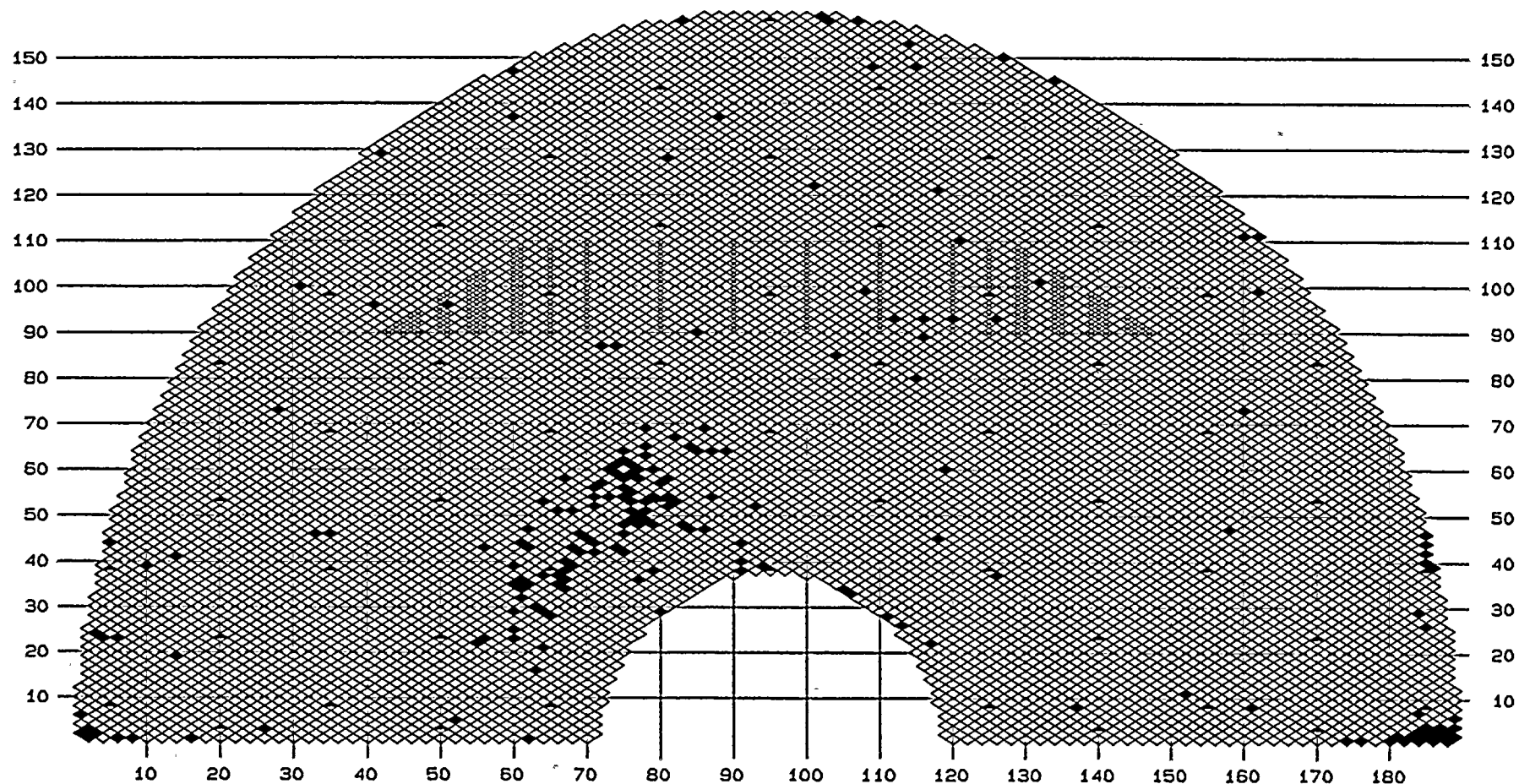
STAYS

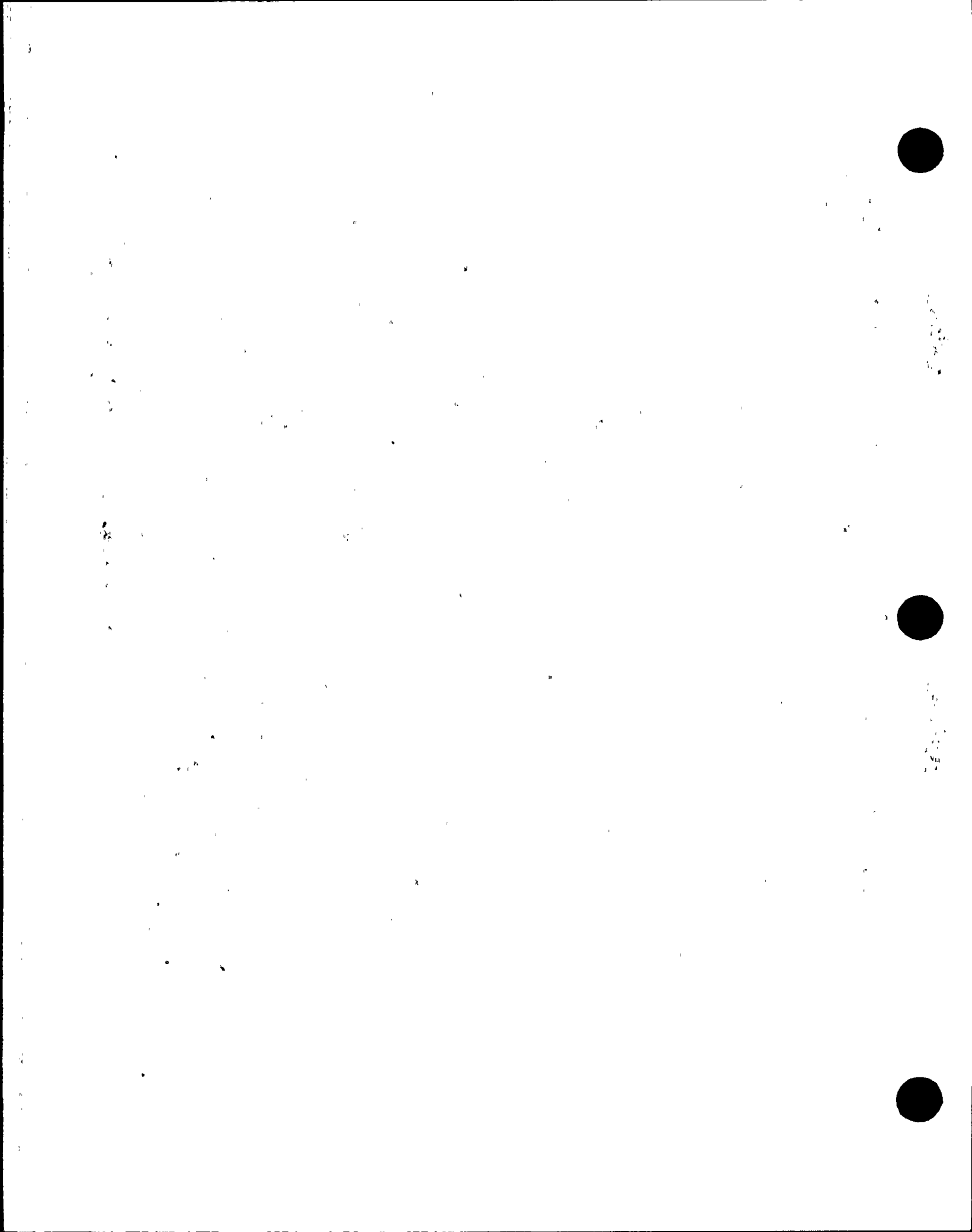
PLUGGED

193 ♦

07H-VS3

185 X





04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

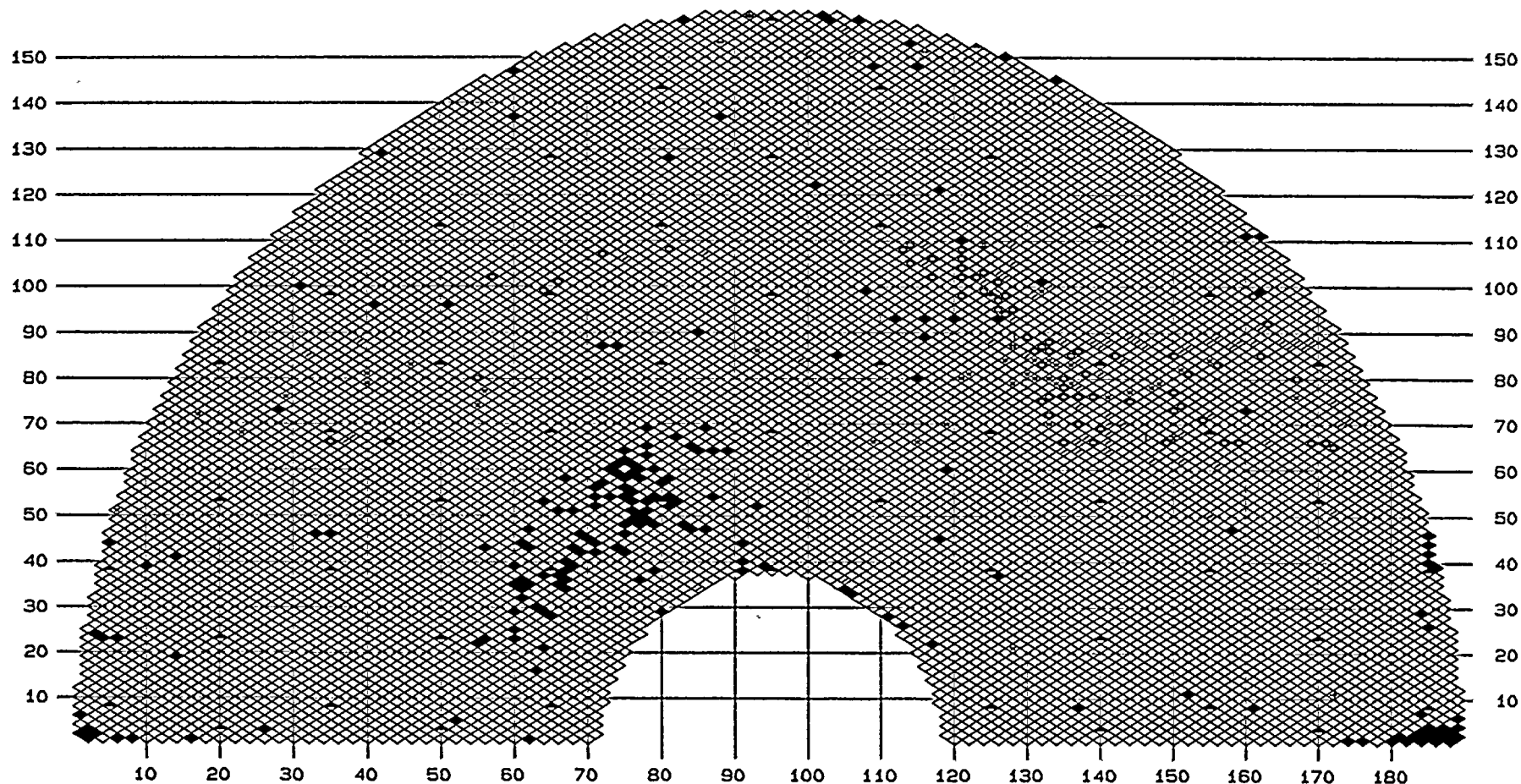
STEAM GENERATOR: 12
MRPC WEAR CALL

DATE: 08/15/95
TIME: 13: 25: 40

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 54, 55, 56, 57, 58, 59, 63, 64

STAYS

PLUGGED	193 ♦	VS4-VS4	2 X	VS3-VS3	34 X	VS2-VS2	2 #	BW1-VS1	1 #	VS1-VS1	3 -
		BW1-BW1	65 /	08H-BW1	2 I	08H-08H	67 O	07H-08H	1 \	07H-07H	1 *
		06H-06H	1 +								
							OTHER	5 /			





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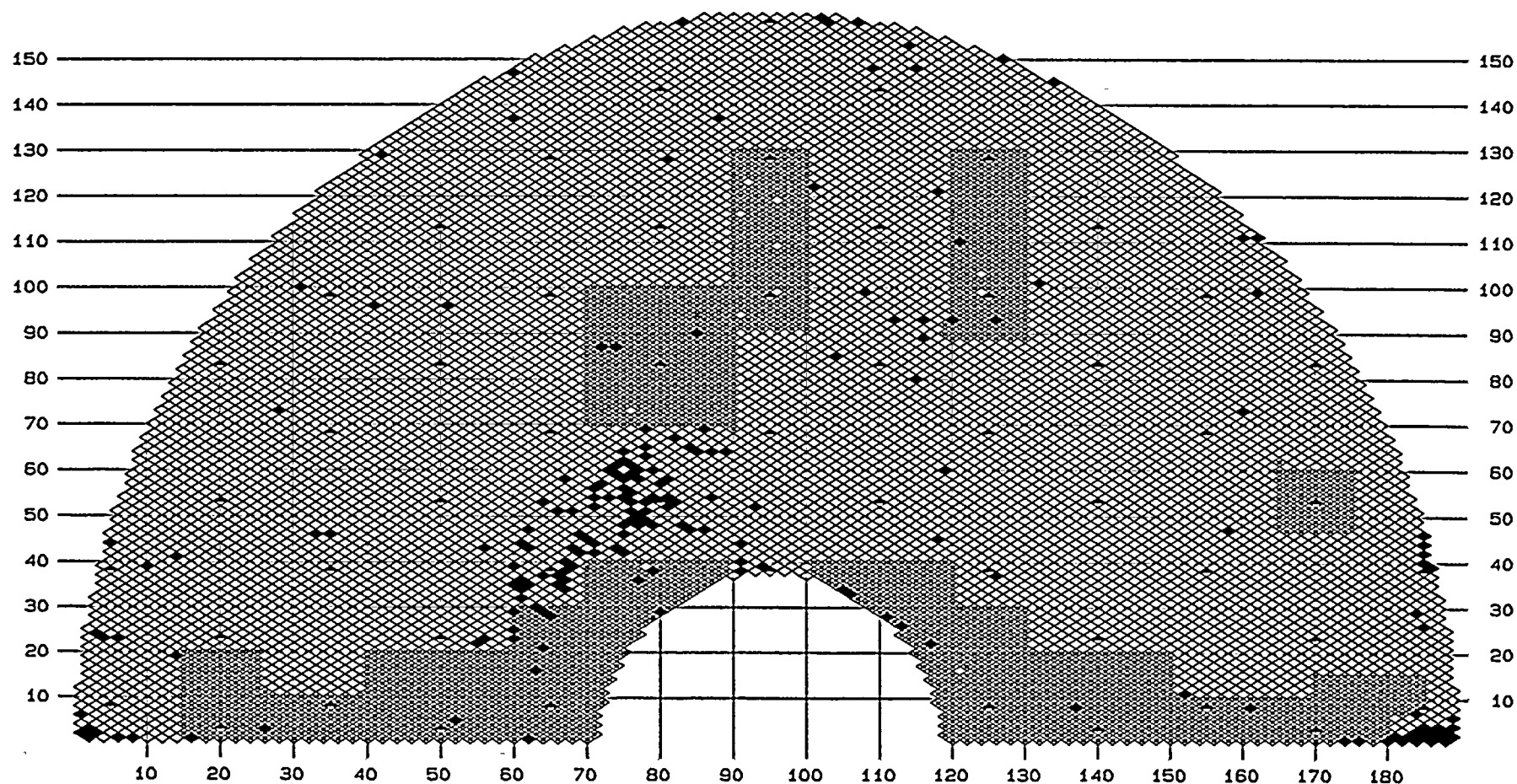
STEAM GENERATOR: 12
MRPC TSC

DATE: 08/15/95
TIME: 13:28:59

CRITERIA: TUBES TO BE EXAMINED IN GROUP(S) 61, 62, 65, 66, 67

STAYS

PLUGGED 193 ♦ TSC-01C 1 X TSC-TSC 2202 X TEC-TSC 2 #



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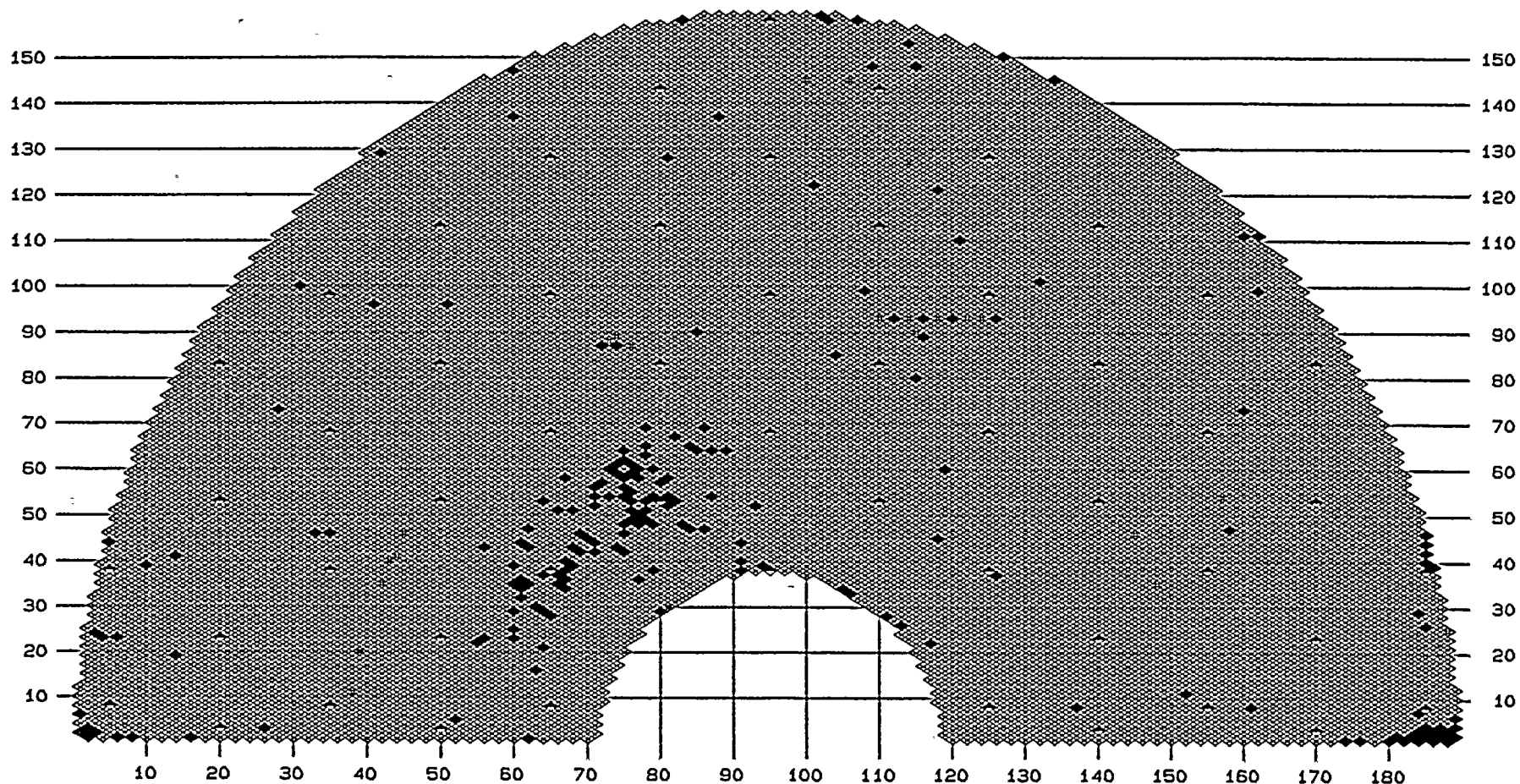
STEAM GENERATOR: 12
MRPC TSH

DATE: 09/05/95
TIME: 14: 15: 27

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 35, 36, 37, 38, 39, 40, 41, 42, 43, 60

STAYS

PLUGGED 193 ♦ TSH-01H 2 X TSH-TSH 10794 X TEH-TSH 23 #



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

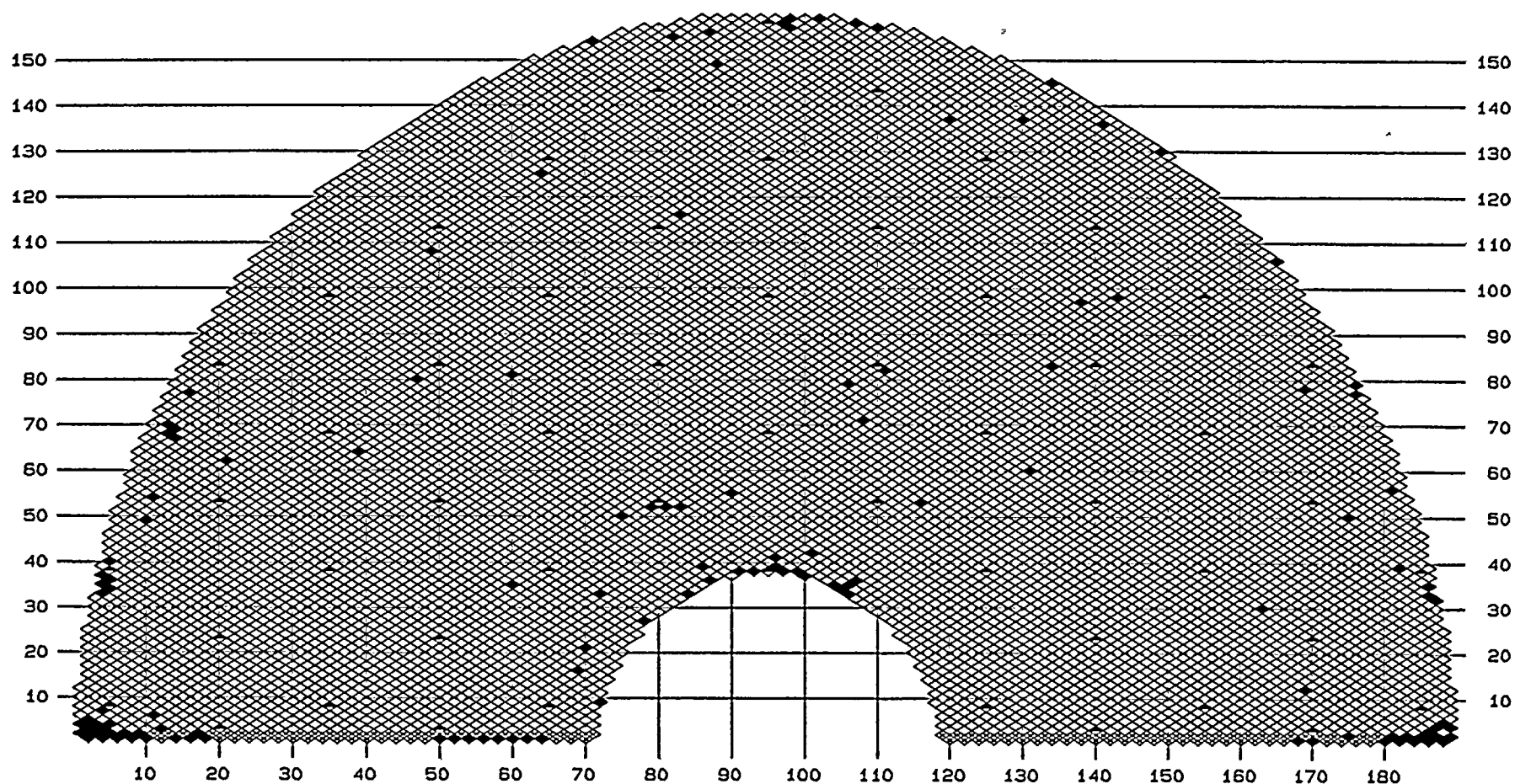
STEAM GENERATOR: 11
MRPC LOW ROW U-BEND

DATE: 08/11/95
TIME: 14: 40: 35

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 33, 34

STAYS

PLUGGED 130 ♦ 07C-07H 107 X





8



9



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

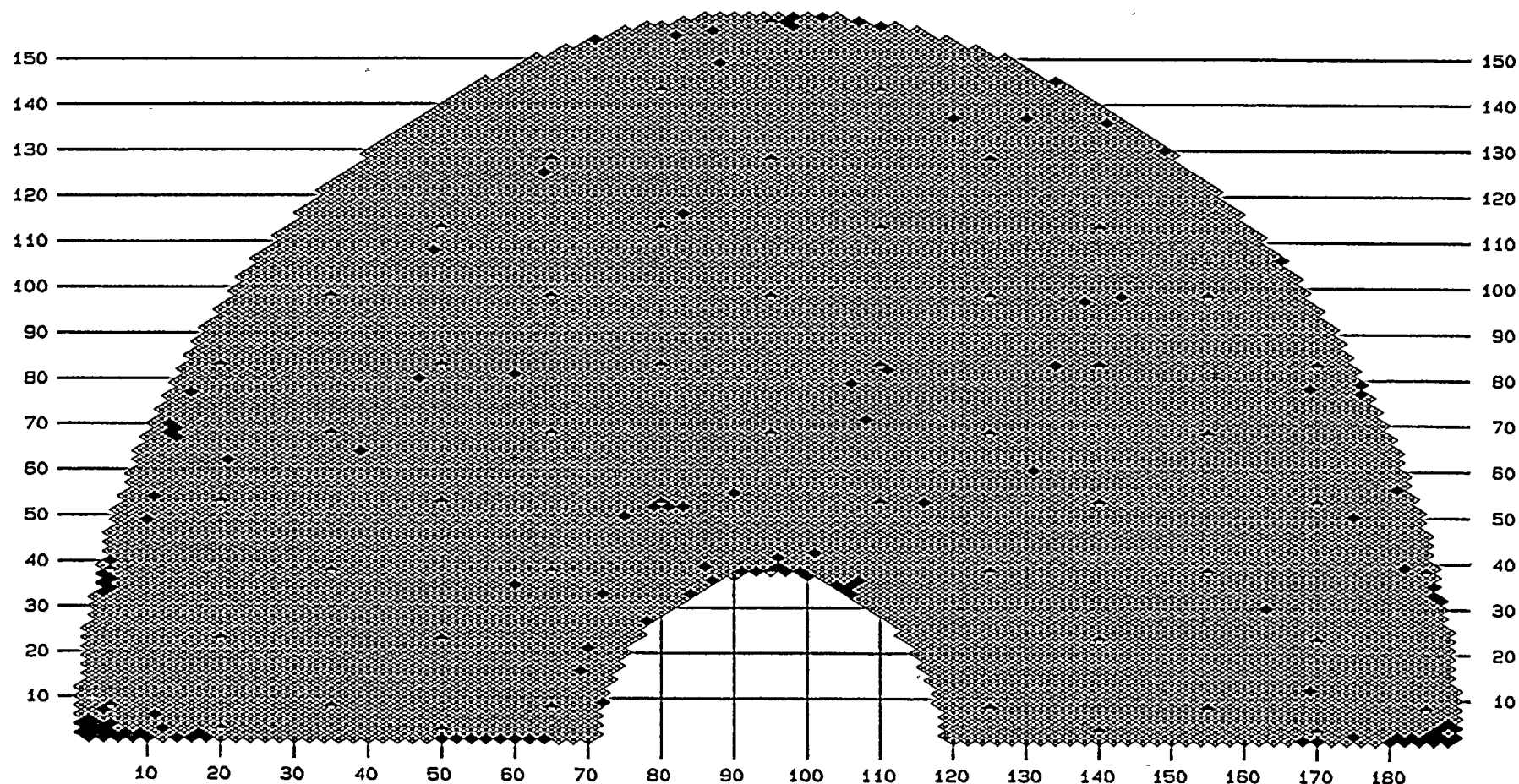
STEAM GENERATOR: 11
MRPC TSH

DATE: 08/11/95
TIME: 14: 47: 06

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 35, 36, 37, 38, 39, 40, 41, 42, 43, 60

STAYS

PLUGGED 130 ♦ TSH-01H 3 X TSH-TSH 10874 X TEH-TSH 5 #



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 11
BOBBIN EXAM

DATE: 08/11/95
TIME: 15:17:15

CRITERIA: TUBES TO BE EXAMINED IN GROUP(S) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, OTHERS STAYS

PLUGGED

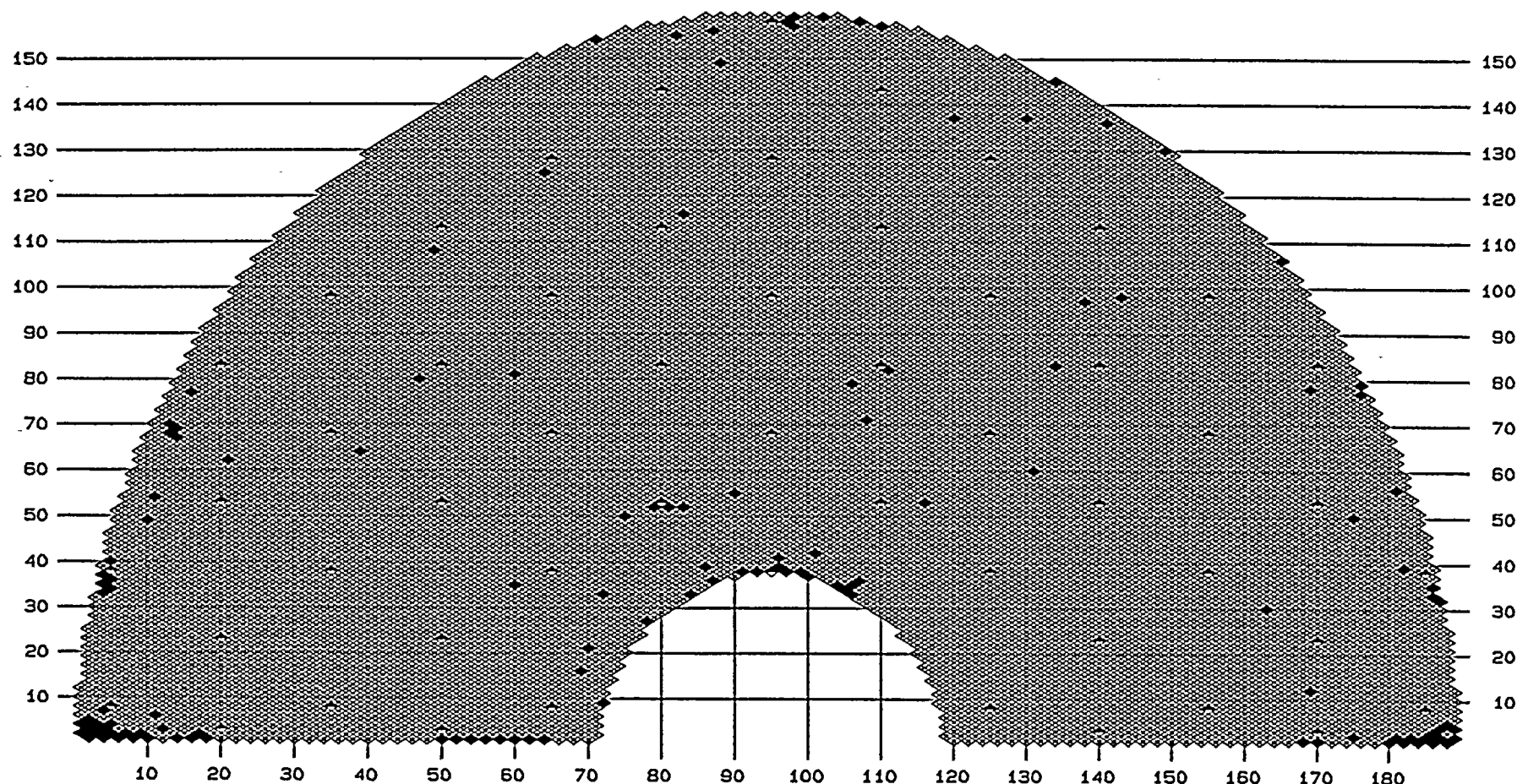
130 ♦

TEC-TEH

10713 X

TEC-07H

169 X



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

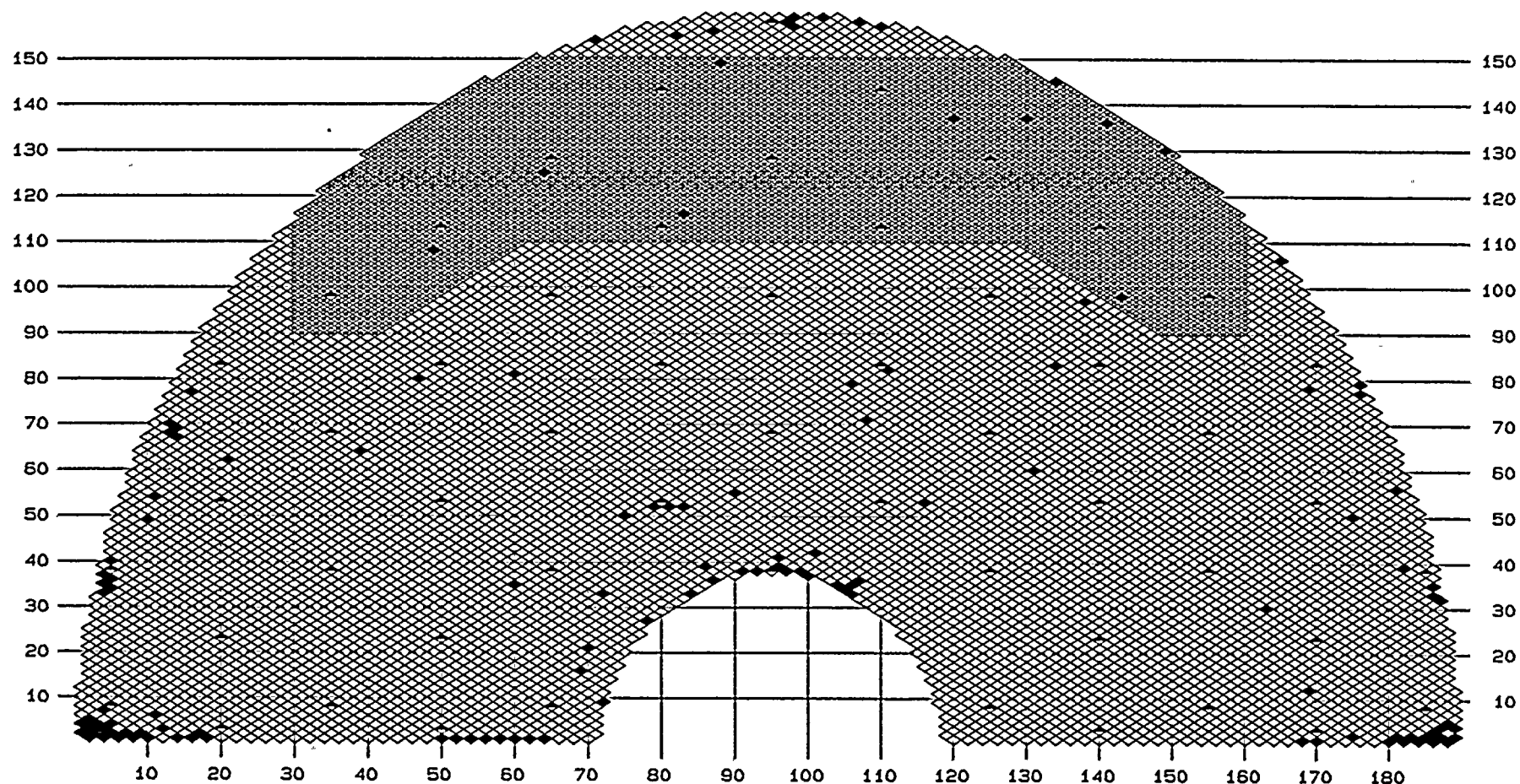
STEAM GENERATOR: 11
MRPC U-BEND REGION

DATE: 08/11/95
TIME: 15: 22: 11

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 44, 45, 46, 47, 48, 49, 50, 51

STAYS

PLUGGED 130 ♦ 07H-VS5 1 X 07H-VS3 , 2345 X 06H-VS3 1 # 07H-VS2 237 ±





04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 11
MRPC RANDOM ARC

DATE: 08/11/95
TIME: 15: 25: 07

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 52, 53

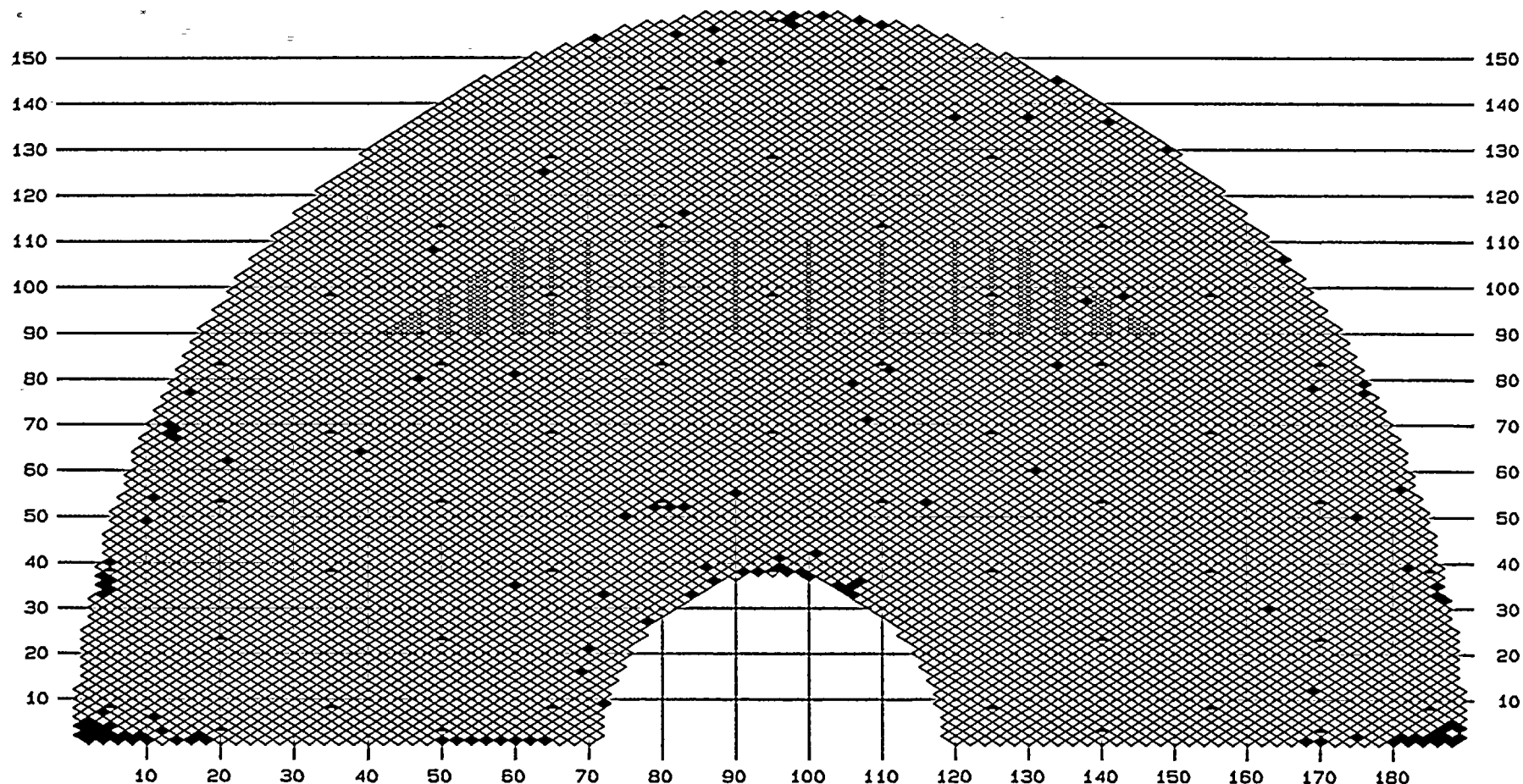
STAYS

PLUGGED

130 ♦

07H-VS3

187 X



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 11
BOBBIN EXAM

DATE: 08/11/95
TIME: 14:37:56

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 31, 32

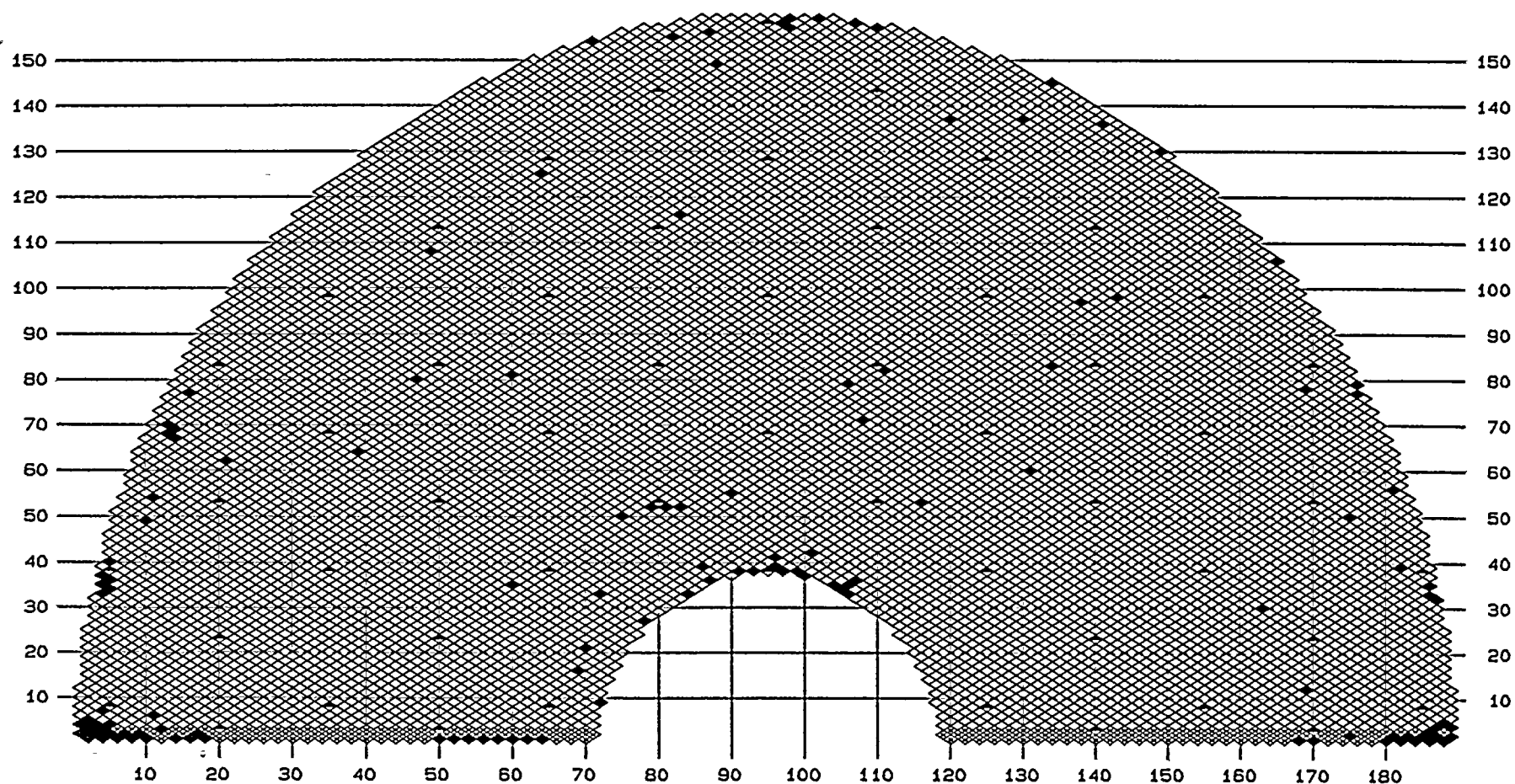
STAYS

PLUGGED

130 ♦

TEH-07H

169 X



04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

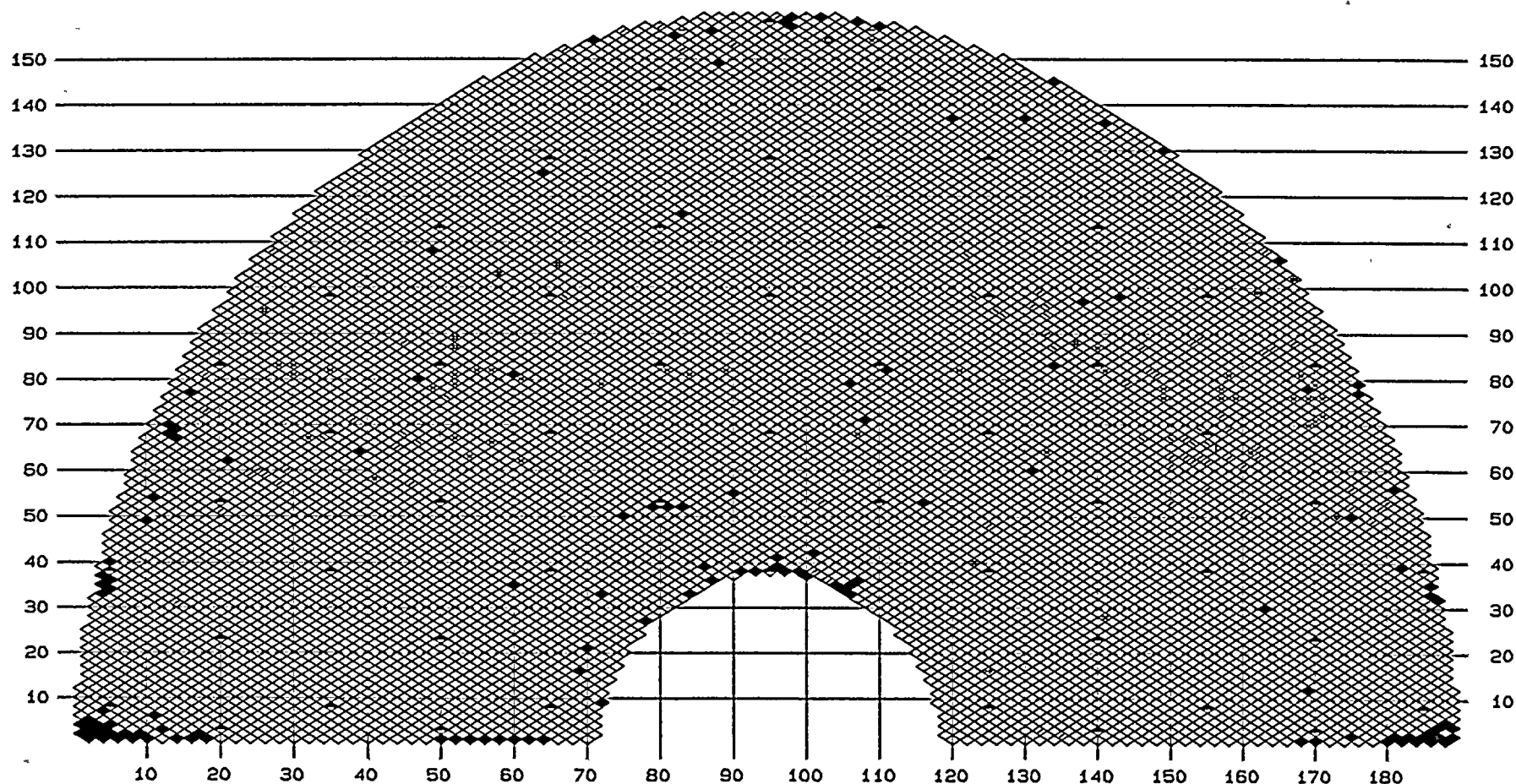
STEAM GENERATOR: 11
MRPC WEAR CALL

DATE: 08/11/95
TIME: 15: 44: 40

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 54, 55, 56, 57, 58, 59, 89, 90

STAYS

PLUGGED	130 ♦	VS3-VS3	38 X	BW1-VS3	3 X	VS2-VS2	6 #	BW1-VS2	2 =	VS1-VS1	2 -
02H-03H	1 ▽	BW1-BW1	60 /	07H-BW1	1 I	09H-09H	1 O	08H-08H	17 \	07H-07H	2 *
		05H-05H	1 +								
							OTHER		1 /		





04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

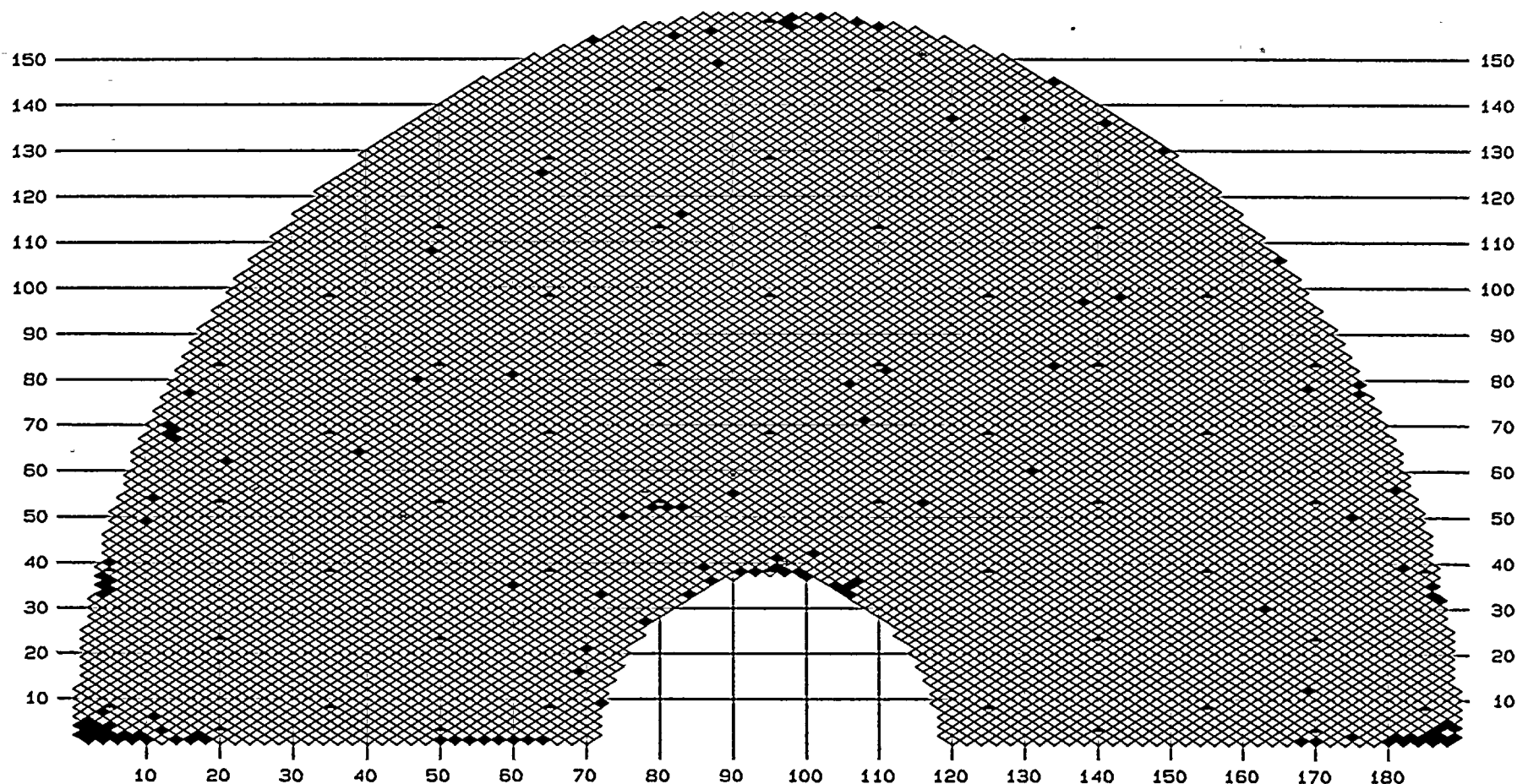
STEAM GENERATOR: 11
MRPC WEAR CALL

DATE: 08/11/95
TIME: 15:49:12

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 93, 96

STAYS

PLUGGED	130 ♦	BW2-VS4	1 X	07C-BW2	1 X	BW2-BW2	1 #	05C-07C	1 =	05C-06C	1 -
		02C-03C	1 /								





04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

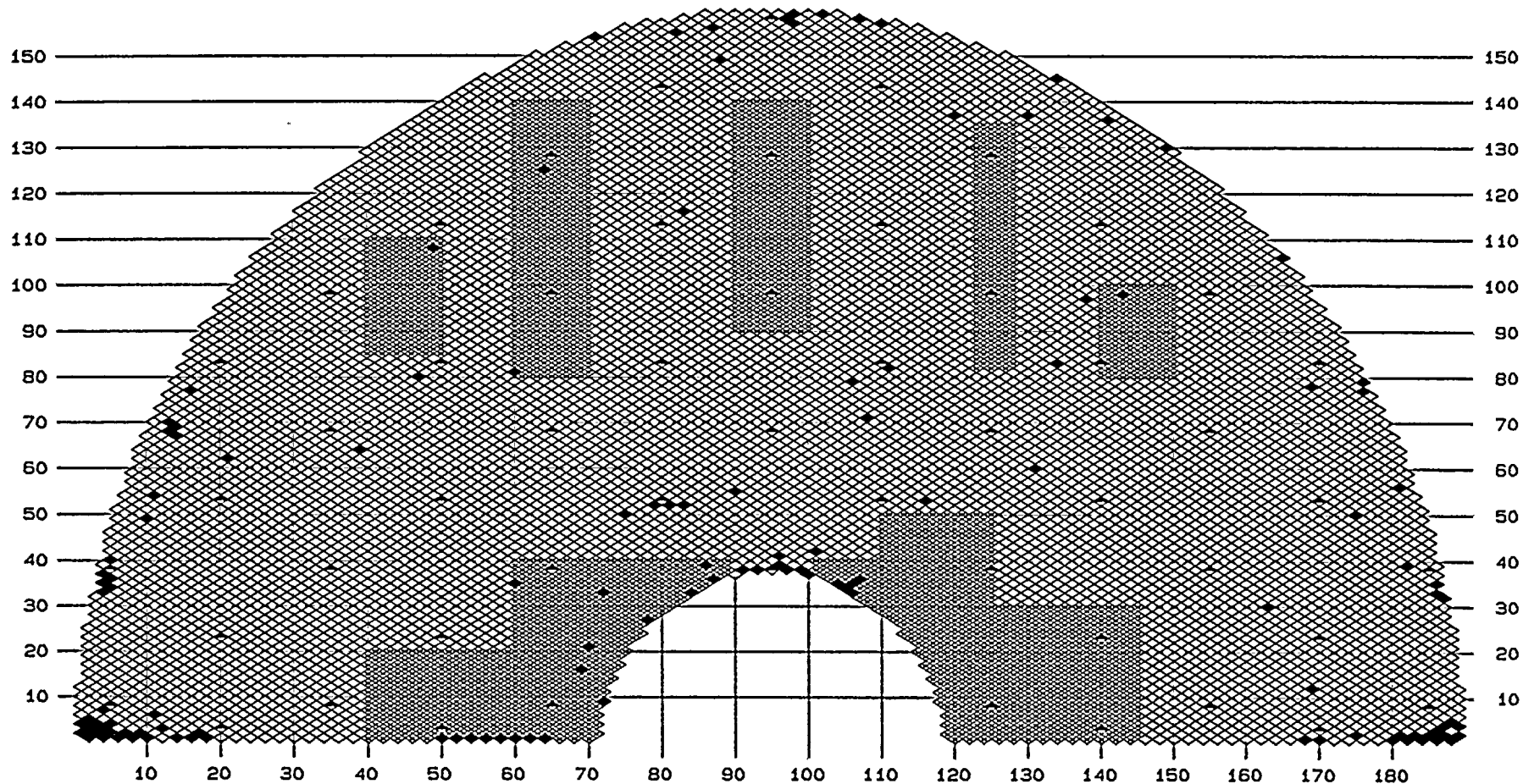
STEAM GENERATOR: 11
MRPC TSC

DATE: 08/11/95
TIME: 15: 50: 54

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 61, 62, 63, 64

STAYS

PLUGGED 130 ♦ TSC-TSC 2202 X TEC-TSC 3 X



APPENDIX C

SUMMARY DATA SHEETS



CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 1 OF 47
 DATE: 08/17/95
 TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
22	3 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS 05C-	0.09	0.54		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS 03C-	0.06	0.51		0 <20 P 2		
30	3 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS 04C-	0.93	0.44		0 <20 P 2		
32	3 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00185	610HS 04C-	0.94	0.59		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00185	610HS 03C-	0.94	0.52		0 <20 P 2		
17	4 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS 03C+	0.00	0.32		0 <20 P 2		
37	6 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS TSH+	11.56	6.45		4 BLI 1		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS 04C+	0.09	0.45		0 <20 P 2		
45	6 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS 07H-	0.77	0.64		0 <20 P 2		
47	6 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS VS4-	0.92	0.61		0 <20 P 2		
28	9 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00132	610HS BW2+	1.87	0.16		0 <20 P 2		
32	9 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00132	610HS BW2+	1.92	0.23		0 <20 P 2		
1	12 04/95	C TEC-07H TEC-07H	C	TEC-07H	TEC-07H		00198	580HP 04C+	0.93	0.40		0 <20 P 2		
54	13 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	2.05	0.20		0 <20 P 2		
66	13 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS 08H+	1.41	0.27		0 <20 P 2		
68	13 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS BW1-	2.16	0.25		0 <20 P 2		
49	14 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS VS4+	0.90	0.27		0 <20 P 2		
54	15 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	1.94	0.25		0 <20 P 2		
53	16 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS VS3+	0.95	0.28		0 <20 P 2		
61	16 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	2.08	0.27		0 <20 P 2		
58	17 04/95	H BW1-VS3 BW1-VS3 1	H	BW1-VS3	BW1-VS3	1	00599	580HP BW1+	2.21	0.18		0 <20 P 2		
62	17 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS VS3-	0.21	0.39		0 <20 P 2		
72	17 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS VS3+	0.79	1.20		0 27 P 2		
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00566	580HP VS3+	0.90	1.24		0 22 P 2		
71	18 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS VS3+	0.79	0.47		0 <20 P 2		
85	18 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00164	610HS 08H-	1.00	0.47		0 <20 P 2		
91	18 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS 04C+	0.03	0.73		0 20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00163	610HS 04C-	0.65	0.74		0 20 P 2		
40	19 04/95	H 03H-04H 03H-04H 1	H	03H-04H	03H-04H	1	00595	600HP 03H+	19.98	1.24		1.1 SVI P 2		
48	19 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS BW1-	1.75	0.26		0 <20 P 2		
58	19 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	2.15	0.19		0 <20 P 2		
64	19 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS BW1+	1.75	0.35		0 <20 P 2		
66	19 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS 08H-	1.02	0.28		0 <20 P 2		
1	20 04/95	C TEC-07H TEC-07H	C	TEC-07H	TEC-07H		00198	580HP 04C+	0.90	0.38		0 <20 P 2		
61	20 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS BW1+	1.99	0.36		0 <20 P 2		
93	20 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00079	610HS 04H+	36.28	1.25		122 35 1		
	04/95	H 04H-06H 04H-06H 1	H	04H-06H	04H-06H	1	00595	600HP 04H+	37.17	0.34		0.2 SVI P 2		
95	20 04/95	H VS2-VS3 VS2-VS3 1	H	VS2-VS3	VS2-VS3	1	00599	580HP VS2+	16.63	0.72		0.4 SVI P 2		
62	21 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS VS3+	0.85	0.18		0 <20 P 2		
94	21 04/95	H VS3-VS3 VS3-VS3 1	H	VS3-VS3	VS3-VS3	1	00599	580HP VS3-	1.15	0.97		0 22 P 2		
47	22 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	2.06	0.16		0 <20 P 2		
61	22 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00112	610HS BW1+	1.96	0.21		0 <20 P 2		
71	22 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS 08H+	1.03	0.32		0 <20 P 2		
	04/95	C BW2-VS5 BW2-VS5 1	C	BW2-VS5	BW2-VS5	1	00238	580HP VS5+	3.64	0.28		0.1 SVI P 2		
83	22 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00111	610HS BW1+	2.19	0.27		0 <20 P 2		

ROCKRIDGE TECHNOLOGIES



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	EXAM DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
99	22	04/95	C	TEC-TEH	TEC-TEH		00079	610HS	03C+	1.00	1.23		0	25	P 2
62	23	04/95	C	TEC-TEH	TEC-TEH		00111	610HS	BW1+	1.78	0.23		0	<20	P 2
68	23	04/95	H	VS3-VS3	VS3-VS3		00566	580HP	VS3-	0.73	0.33		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00112	610HS	VS3-	0.48	0.33		0	<20	P 2
98	23	04/95	C	TEC-TEH	TEC-TEH		00079	610HS	03C+	1.00	0.58		0	<20	P 2
55	24	04/95	C	TEC-TEH	TEC-TEH		00111	610HS	BW1+	1.94	0.25		0	<20	P 2
93	24	04/95	C	TEC-TEH	TEC-TEH		00049	610HS	BW1+	1.99	0.41		0	<20	P 2
103	24	04/95	C	TEC-TEH	TEC-TEH		00079	610HS	04C+	0.97	0.50		0	<20	P 2
64	25	04/95	C	TEC-TEH	TEC-TEH		00112	610HS	BW1+	1.78	0.28		0	<20	P 2
92	25	04/95	C	TEC-TEH	TEC-TEH		00050	610HS	BW1+	2.00	0.25		0	<20	P 2
57	26	04/95	C	TEC-TEH	TEC-TEH		00112	610HS	BW1+	2.03	0.38		0	<20	P 2
67	26	04/95	C	TEC-TEH	TEC-TEH		00111	610HS	BW1-	1.97	0.26		0	<20	P 2
69	26	04/95	C	TEC-TEH	TEC-TEH		00112	610HS	BW1-	2.13	0.16		0	<20	P 2
71	26	04/95	C	TEC-TEH	TEC-TEH		00111	610HS	BW1+	2.07	0.26		0	<20	P 2
79	26	04/95	C	TEC-TEH	TEC-TEH		00111	610HS	BW1+	1.87	0.19		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00111	610HS	VSS+	0.80	0.20		0	<20	P 2
99	26	04/95	C	TEC-TEH	TEC-TEH		00049	610HS	BW1+	2.00	0.24		0	<20	P 2
42	27	04/95	C	TEC-TEH	TEC-TEH		00135	610HS	BW1+	2.21	0.30		0	<20	P 2
76	27	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.05	0.26		0	<20	P 2
80	27	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.13	0.31		0	<20	P 2
88	27	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.99	0.13		0	<20	P 2
71	28	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.96	0.37		0	<20	P 2
85	28	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1-	2.01	0.36		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.80	0.18		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00113	610HS	VS4+	1.02	0.36		0	<20	P 2
89	28	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.88	0.24		0	<20	P 2
99	28	04/95	C	TEC-TEH	TEC-TEH		00049	610HS	BW1+	2.21	0.28		0	<20	P 2
101	28	04/95	C	TEC-TEH	TEC-TEH		00050	610HS	BW1+	2.00	0.03		0	<20	P 2
54	29	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.09	0.32		0	<20	P 2
70	29	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.99	0.27		0	<20	P 2
74	29	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	VS3-	0.96	0.39		0	<20	P 2
76	29	04/95	C	TEC-TEH	TEC-TEH		00114	610HS	VS3-	0.97	0.95		0	<20	P 2
		04/95	H	VS3-VS3	VS3-VS3		00566	580HP	VS3-	0.78	1.14		0	21	P 2
		04/95	C	TEC-TEH	TEC-TEH		00114	610HS	VSS+	1.03	0.67		0	<20	P 2
100	29	04/95	C	TEC-TEH	TEC-TEH		00050	610HS	BW1+	1.92	0.27		0	<20	P 2
102	29	04/95	C	TEC-TEH	TEC-TEH		00049	610HS	BW1+	2.13	0.47		0	<20	P 2
85	30	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.75	0.19		0	<20	P 2
109	30	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	BW1+	2.06	0.33		134	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00381	580HP	BW1+	1.80	0.33		0	<20	P 2
111	30	04/95	C	TEC-TEH	TEC-TEH		00080	610HS	09C-	1.00	0.22		0	<20	P 2
113	30	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	BW1+	2.06	0.27		65	<20	P 2
52	31	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.75	0.33		0	<20	P 2
56	31	04/95	C	BW2-BW2	BW2-IW2	1	00234	600HP	BW2-	0.72	0.40		0	<20	P 2
86	31	04/95	C	TEC-TEH	TEC-TEH		00114	610HS	BW1+	1.75	0.24		0	<20	P 2
116	31	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	09H-	1.00	0.38		0	<20	P 2

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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ROW	LINE	EXAM DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	°	CH	CHNG
		04/95	H	07H-VS3	07H-VS3		00381	580HP	09H+	2.00	0.52		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00081	610HS	BW1-	1.86	0.42		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00381	580HP	BW1-	1.82	0.51		0	<20	P 2
51	32	04/95	C	TEC-TEH	TEC-TEH		00114	610HS	VS4-	0.69	0.37		0	<20	P 2
61	32	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.75	0.22		0	<20	P 2
85	32	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.88	0.40		0	<20	P 2
		04/95	H	BW1-BW1	BW1-BW1		00569	580HP	BW1+	1.85	0.53		0	<20	P 2
111	32	04/95	H	07H-VS3	07H-VS3		00381	580HP	VS2-	0.33	0.37		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00080	610HS	VS3+	0.03	0.45		0	<20	P 2
113	32	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	VS2+	0.91	0.37		0	<20	P 2
117	32	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	VS2+	0.03	0.40		0	<20	P 2
54	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.25	0.37		0	<20	P 2
62	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1-	1.75	0.31		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.79	0.23		0	<20	P 2
66	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	08H-	0.86	0.26		0	<20	P 2
68	33	04/95	C	TEC-TEH	TEC-TEH		00114	610HS	BW1-	1.90	0.31		0	<20	P 2
78	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.75	0.28		0	<20	P 2
82	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	VS3+	0.90	0.45		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00113	610HS	VS5+	0.81	0.41		0	<20	P 2
86	33	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.00	0.33		0	<20	P 2
110	33	04/95	H	07H-VS3	07H-VS3		00369	580HP	BW1+	1.97	0.47		0	<20	P 2
118	33	04/95	C	TEC-TEH	TEC-TEH		00081	610HS	BW1+	1.90	0.31		0	<20	P 2
		04/95	H	06H-VS2	06H-VS2		00418	580HP	BW1+	2.23	0.21		0	<20	P 2
65	34	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.87	0.26		0	<20	P 2
69	34	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1-	2.25	0.21		0	<20	P 2
77	34	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.25	0.38		0	<20	P 2
81	34	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.25	0.37		0	<20	P 2
85	34	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.79	0.48		0	<20	P 2
117	34	04/95	H	07H-VS3	07H-VS3		00371	580HP	09H-	0.82	0.60		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00081	610HS	09H+	1.00	0.37		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00371	580HP	09H+	0.67	0.75		0	<20	P 2
121	34	04/95	H	07H-VS3	07H-VS3		00418	580HP	BW1+	2.10	0.30		0	<20	P 2
62	35	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	2.25	0.35		0	<20	P 2
66	35	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	08H-	0.55	0.44		0	<20	P 2
		04/95	H	08H-08H	08H-08H		00569	580HP	08H-	1.06	0.36		0	<20	P 2
		04/95	H	08H-08H	08H-08H		00569	580HP	08H+	1.23	0.35		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00113	610HS	08H+	1.91	0.50		0	<20	P 2
80	35	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	VS3+	0.91	0.34		0	<20	P 2
84	35	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.88	0.35		0	<20	P 2
90	35	04/95	C	TEC-TEH	TEC-TEH		00113	610HS	BW1+	1.75	0.46		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00372	580HP	VS3+	2.70	0.99		0.4	SVI	P 2
96	35	04/95	C	TEC-TEH	TEC-TEH		00052	610HS	BW1+	2.00	0.56		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00371	580HP	BW1+	1.84	0.79		0	20	P 2
112	35	04/95	H	07H-VS3	07H-VS3		00371	580HP	BW1+	1.70	0.32		0	<20	P 2
114	35	04/95	H	07H-VS3	07H-VS3		00484	580HP	BW1+	1.80	0.44		0	<20	P 2

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	†	CH	CHNG
1	36 04/95	H TEH-07H TEH-06H					00589	610HS 06H+	17.68	2.91		7 BLI	1		
87	36 04/95	C TEC-TEH TEC-TEH					00114	610HS BW1+	2.19	0.37		0 <20 P	2		
91	36 04/95	C TEC-TEH TEC-TEH					00051	610HS BW1+	2.00	0.49		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00371	580HP BW1+	1.91	0.94		0 23 P	2		
93	36 04/95	H 07H-VS3 07H-VS3					00371	580HP BW1-	1.61	0.32		0 <20 P	2		
111	36 04/95	C TEC-TEH TEC-TEH					00051	610HS VS3-	0.86	0.50		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00371	580HP VS3-	0.82	0.49		0 <20 P	2		
113	36 04/95	H 07H-VS3 07H-VS3					00371	580HP BW1+	1.76	0.15		0 <20 P	2		
115	36 04/95	H 07H-VS3 07H-VS3					00371	580HP BW1+	1.62	0.29		0 <20 P	2		
123	36 04/95	C TEC-TEH TEC-TEH					00081	610HS BW1+	2.24	0.22		0 <20 P	2		
	04/95	H 07H-VS2 07H-VS2					00418	580HP BW1+	1.89	0.25		0 <20 P	2		
40	37 04/95	C TEC-TEH TEC-TEH					00136	610HS BW1+	1.83	0.22		0 <20 P	2		
52	37 04/95	C TEC-TEH TEC-TEH					00113	610HS BW1+	1.83	0.40		0 <20 P	2		
66	37 04/95	C TEC-TEH TEC-TEH					00114	610HS BW1-	2.05	0.37		0 <20 P	2		
	04/95	H BW1-BW1 BW1-BW1					00569	580HP BW1-	1.84	0.37		0 <20 P	2		
68	37 04/95	C TEC-TEH TEC-TEH					00113	610HS 08H+	0.79	0.32		0 <20 P	2		
88	37 04/95	C TEC-TEH TEC-TEH					00113	610HS BW1+	1.75	0.17		0 <20 P	2		
96	37 04/95	H 07H-VS3 07H-VS3					00363	580HP BW1+	1.99	0.48		0 <20 P	2		
114	37 04/95	H 07H-VS3 07H-VS3					00371	580HP BW1+	1.79	0.35		0 <20 P	2		
116	37 04/95	C TEC-TEH TEC-TEH					00051	610HS BW1+	2.00	0.41		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00371	580HP BW1+	1.90	0.34		0 <20 P	2		
120	37 04/95	C TEC-TEH TEC-TEH					00081	610HS BW1+	2.13	0.42		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00418	580HP BW1+	2.11	0.23		0 <20 P	2		
122	37 04/95	C TEC-TEH TEC-TEH					00081	610HS 02C+	0.06	0.60		0 <20 P	2		
67	38 04/95	C TEC-TEH TEC-TEH					00116	610HS BW1-	2.00	0.28		0 <20 P	2		
	04/95	H BW1-BW1 BW1-BW1					00569	580HP BW1-	2.02	0.24		0 <20 P	2		
69	38 04/95	C TEC-TEH TEC-TEH					00115	610HS BW1+	2.15	0.44		0 <20 P	2		
81	38 04/95	C TEC-TEH TEC-TEH					00115	610HS VS5-	0.99	0.68		0 <20 P	2		
117	38 04/95	H 07H-VS3 07H-VS3					00363	580HP 09H-	1.55	0.28		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00363	580HP 09H+	0.73	0.28		0 <20 P	2		
119	38 04/95	H 07H-VS3 07H-VS3					00419	580HP BW1+	2.07	0.25		0 <20 P	2		
121	38 04/95	H 07H-VS3 07H-VS3					00418	580HP BW1+	2.18	0.50		0 <20 P	2		
64	39 04/95	C TEC-TEH TEC-TEH					00115	610HS BW1+	1.75	0.27		0 <20 P	2		
66	39 04/95	C TEC-TEH TEC-TEH					00116	610HS 08H-	1.07	0.35		0 <20 P	2		
	04/95	H BW1-BW1 BW1-BW1					00569	580HP BW1-	1.61	0.25		0 <20 P	2		
88	39 04/95	C TEC-TEH TEC-TEH					00115	610HS BW1+	1.75	0.40		0 <20 P	2		
	04/95	H BW1-BW1 BW1-BW1					00569	580HP BW1+	1.89	0.45		0 <20 P	2		
114	39 04/95	H 07H-VS3 BW1-VS3					00363	580HP VS3-	0.30	0.51		0 <20 P	2		
118	39 04/95	H 07H-VS3 07H-VS3					00419	580HP BW1-	1.77	0.20		0 <20 P	2		
120	39 04/95	C TEC-TEH TEC-TEH					00059	610HS BW1+	1.86	0.33		0 <20 P	2		
	04/95	H 07H-VS3 07H-VS3					00418	580HP BW1+	2.14	0.25		0 <20 P	2		
63	40 04/95	C TEC-TEH TEC-TEH					00117	610HS BW1+	1.79	0.26		0 <20 P	2		
65	40 04/95	C TEC-TEH TEC-TEH					00115	610HS BW1+	1.99	0.35		0 <20 P	2		
79	40 04/95	C TEC-TEH TEC-TEH					00115	610HS VS3-	0.72	0.40		0 <20 P	2		
	04/95	H VS3-VS3 VS3-VS3					00566	580HP VS3-	0.75	0.30		0 <20 P	2		

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STEAM GENERATOR : 12
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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
81	40 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00115	610HS	BW1+ 2.00	0.35		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	BW1+ 1.80	0.55		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00115	610HS	VS3- 0.66	0.52		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	VS3- 0.96	0.47		0	<20	P 2	
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00566	580HP	VS3- 0.89	0.70		0	<20	P 2	
91	40 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	BW1+ 2.05	0.62		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00355	580HP	BW1+ 1.95	0.44		0	<20	P 2	
99	40 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	VS2+ 0.19	0.44		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00355	580HP	VS2+ 0.10	0.60		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	VS3- 0.81	0.55		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00355	580HP	VS3- 1.42	0.75		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	VS3+ 0.87	0.43		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00355	580HP	VS3+ 0.78	0.40		0	<20	P 2	
105	40 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00350	580HP	BW1+ 1.69	0.31		0	<20	P 2	
113	40 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	VS5+ 12.77	4.59		8	BLI	P 1	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00052	610HS	VS5+ 16.07	7.71		6	BLI	P 1	
121	40 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS	BW1+ 1.91	0.44		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00418	580HP	BW1+ 1.62	0.48		0	<20	P 2	
123	40 04/95	H 07H-VS2 07H-VS3	H	07H-VS2	07H-VS3		00419	580HP	BW1+ 1.98	0.26		0	<20	P 2	
88	41 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00115	610HS	BW1+ 2.00	0.19		0	<20	P 2	
114	41 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00485	580HP	BW1+ 1.75	0.13		0	<20	P 2	
122	41 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS	BW1+ 2.05	0.18		0	<20	P 2	
124	41 04/95	H 07H-VS2 07H-VS3	H	07H-VS2	07H-VS3		00418	580HP	BW1+ 1.78	0.35		0	<20	P 2	
130	41 04/95	C TEC-TEH TEC-VS3	C	TEC-TEH	TEC-VS3		00108	610HS	VS3- 32.22				OBS		
53	42 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00115	610HS	BW1+ 1.76	0.31		0	<20	P 2	
85	42 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS	BW1+ 1.83	0.35		0	<20	P 2	
127	42 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00081	610HS	VS7+ 0.79	0.81		0	<20	P 2	
66	43 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00117	610HS	08H- 0.96	0.31		0	<20	P 2	
	04/95	H 08H-08H 08H-08H	H	08H-08H	08H-08H		00569	580HP	08H- 1.18	0.59		0	<20	P 2	
82	43 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00117	610HS	VS5+ 0.96	0.56		0	<20	P 2	
118	43 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS	BW1- 1.97	0.11		0	<20	P 2	
122	43 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS	BW1+ 2.22	0.31		0	<20	P 2	
51	44 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	BW1+ 1.75	0.13		0	<20	P 2	
124	45 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS	VS6+ 0.86	0.50		0	<20	P 2	
17	46 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00178	600HP	TSH+ 0.01	0.84		22	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00178	600HP	TSH+ 0.01			0.4	SCI	P 4	
53	46 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	BW1+ 1.75	0.22		0	<20	P 2	
77	46 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	VS5+ 6.88	0.52		143	<20	1	
83	46 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00120	610HS	VS3+ 0.68	0.72		0	<20	P 2	
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00566	580HP	VS3+ 0.69	0.40		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00120	610HS	VS5+ 0.77	0.36		0	<20	P 2	
85	46 04/95	H 07H-08H 07H-08H	H	07H-08H	07H-08H	1	00595	600HP	07H+ 31.00	0.20		0.2	SVI	P 2	
	04/95	H 07H-08H 07H-08H	H	07H-08H	07H-08H	1	00595	600HP	07H+ 32.40	0.16		0.1	SVI	P 2	
134	47 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	VS2+ 0.72	0.59		0	<20	P 2	
136	47 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	04C- 0.15	0.27		0	<20	P 2	

CUMULATIVE REPORT
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STEAM GENERATOR : 12
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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
83	48 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00120	610HS	VS5+ 1.03	0.66		0 <20 P 2		
99	48 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00054	610HS	BW1+ 2.25	0.29		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00496	580HP	BW1+ 1.83	0.70		0 <20 P 2		
112	49 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00333	580HP	BW1+ 1.97	0.31		0 <20 P 2		
116	49 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00333	580HP	BW1- 1.95	0.27		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00333	580HP	BW1+ 1.92	0.26		0 <20 P 2		
138	49 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	04C+ 0.00	1.25		0 22 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	03C- 0.88	0.50		0 <20 P 2		
19	50 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00137	610HS	04H+ 38.07	0.53	148	<20 1		
89	50 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS	08H+ 0.83	0.63		0 <20 P 2		
111	50 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00332	580HP	BW1+ 1.82	0.46		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00053	610HS	VS3- 0.84	0.43		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00332	580HP	VS3- 0.95	0.57		0 <20 P 2		
139	50 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	04C- 0.15	0.79		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	03C+ 0.00	0.55		0 <20 P 2		
14	51 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP	TSH- 0.07	0.64	18	SCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP	TSH- 0.07		0.3	SCI P 4		
42	51 04/95	C TSC-01C TSC-01C	C	TSC-01C	TSC-01C	1	00234	600HP	TSC+ 3.05	0.87	0.4	SVI P 2		
64	51 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00121	610HS	BW1+ 1.75	0.56		0 <20 P 2		
74	51 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00120	610HS	VS3- 1.00	0.41		0 <20 P 2		
90	51 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00286	580HP	08H+ 1.00	0.48		0 <20 P 2		
92	51 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS	08H+ 1.06	0.60		0 <20 P 2		
17	52 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP	TSH+ 0.25	0.45	0.3	SAI P 2		
91	52 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00054	610HS	BW1+ 1.97	0.38		0 <20 P 2		
12	53 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00128	600HP	TSH- 0.12	2.04	19	MCI P 2		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00128	600HP	TSH- 0.12		0.6	MCI P 2		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00128	600HP	TSH- 0.15	0.63	12	MCI P 2		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00128	600HP	TSH- 0.15		1.0	MCI P 2		
22	53 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP	TSH+ 0.07	0.52	104	SCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP	TSH+ 0.07		0.3	SCI P 4		
140	53 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	04C- 0.95	0.31		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	03C- 0.06	0.48		0 <20 P 2		
65	54 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS	BW1+ 1.75	0.51		0 <20 P 2		
93	54 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00053	610HS	07H+ 0.72	0.49		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00287	580HP	07H+ 0.79	0.35		0 <20 P 2		
101	54 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00290	580HP	BW1+ 1.27	0.46		0 <20 P 2		
74	55 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00123	610HS	VS3- 0.83	0.43		0 <20 P 2		
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00566	580HP	VS3- 0.62	0.41		0 <20 P 2		
80	55 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00122	610HS	08H+ 0.92	0.61		0 <20 P 2		
	04/95	H 08H-08H 08H-08H	H	08H-08H	08H-08H		00569	580HP	08H+ 0.83	0.46		0 <20 P 2		
82	55 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00123	610HS	VS3+ 0.89	0.45		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00123	610HS	VS5+ 0.89	0.37		0 <20 P 2		
144	55 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS	BW1- 1.90	0.17		0 <20 P 2		
77	56 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00122	610HS	VS3+ 0.90	0.35		0 <20 P 2		
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00566	580HP	VS3+ 0.69	0.43		0 <20 P 2		

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
103	56 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS 08H+	0.82	0.30		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS BW1+	1.75	0.28		0 <20 P 2			
115	56 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS BW1+	1.82	0.26		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00322	580HP BW1+	2.16	0.27		0 <20 P 2			
141	56 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS VS1+	0.83	0.18		0 <20 P 2			
145	56 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS 04C-	0.72	0.20		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS 03C-	0.09	0.32		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS 02C+	0.87	0.28		0 <20 P 2			
72	57 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00124	610HS 08H+	0.85	0.40		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00124	610HS VS3+	0.79	0.34		0 <20 P 2			
92	57 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS 08H+	0.99	0.42		0 <20 P 2			
102	57 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00055	610HS 08H+	0.97	0.47		0 <20 P 2			
	04/95	H 08H-08H 08H-08H	H	08H-08H	08H-08H		00569	580HP 08H+	0.87	0.22		0 <20 P 2			
112	57 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00320	580HP BW1+	1.67	0.27		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS VS2-	0.84	0.48		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00323	580HP VS2-	0.87	0.31		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00320	580HP VS2-	0.72	0.50		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00320	580HP VS3-	0.29	0.42		0 <20 P 2			
136	57 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS VS7-	1.12	0.45		0 <20 P 2			
69	58 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00124	610HS BW1+	1.78	0.24		0 <20 P 2			
73	58 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00124	610HS 08H+	1.07	0.37		0 <20 P 2			
93	58 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00055	610HS 08H+	0.92	0.39		0 <20 P 2			
97	58 04/95	H 01H-02H 01H-02H	H	01H-02H	01H-02H	1	00595	600HP 01H+	6.13	0.41	0.3	SVI P 2			
105	58 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3	3	00607	580HP 08H+	0.82	0.27		0 <20 P 2			
133	58 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS 06C+	0.89	0.47		0 <20 P 2			
145	58 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS 03C-	0.89	0.61		0 <20 P 2			
76	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS 08H+	1.01	0.34		0 <20 P 2			
80	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS 08H+	0.73	0.27		0 <20 P 2			
86	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00187	610HS 08H+	0.89	0.47		0 <20 P 2			
118	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS BW1+	2.20	0.20		0 <20 P 2			
122	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00059	610HS VS6-	1.15	0.23		0 <20 P 2			
144	59 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00083	610HS 03C-	0.87	0.46		0 <20 P 2			
33	60 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00178	600HP TSH+	0.05	0.72	117	SCI P 4			
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00178	600HP TSH+	0.05		0.3	SCI P 4			
95	60 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00056	610HS 08H+	0.76	0.34		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00290	580HP 08H+	0.90	0.49		0 <20 P 2			
107	60 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00291	580HP 08H+	43.79	0.26	3.0	SAI P 3			
113	60 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00055	610HS 03H+	4.28	10.41	10	BLI P 1			
115	60 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00320	580HP VS2+	1.11	0.21		0 <20 P 2			
14	61 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP TSH-	0.08	1.18	25	SCI P 4			
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00127	600HP TSH-	0.08		0.9	SCI P 4			
100	61 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00291	580HP 08H+	0.91	0.35		0 <20 P 2			
102	61 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00055	610HS BW1+	1.85	0.51		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00484	580HP BW1+	2.00	0.42		0 <20 P 2			
106	61 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00055	610HS 08H+	0.92	0.47		0 <20 P 2			

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 8 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM LIN	DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
		04/95	H	07H-VS3	07H-VS3		00290	580HP	08H+	0.76	0.56		0<20	P 2	
29	62	04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.04	0.38		85	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.04			0.6	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.05	0.30		88	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.05			0.3	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.07	0.60		67	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH+	0.07			0.3	MCI	P 4
37	62	04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.05	0.44		45	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.05			0.7	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.05	0.29		108	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.05			0.2	MCI	P 4
49	62	04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.11	0.24		30	SCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.00	0.00		0.3	SCI	P 4
81	62	04/95	C	TEC-TEH	TEC-TEH		00189	610HS	BW1+	2.00	0.21		0<20	P 2	
97	62	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	08H+	0.73	0.30		0<20	P 2	
107	62	04/95	H	07H-VS3	07H-VS3	3	00607	580HP	BW1+	1.75	0.32		0<20	P 2	
113	62	04/95	H	07H-VS3	07H-VS3		00315	580HP	08H+	39.01	0.58		5.0	SAI	P 3
135	62	04/95	C	TEC-TEH	TEC-TEH		00061	610HS	09C-	0.09	0.24		0<20	P 2	
149	62	04/95	C	TEC-TEH	TEC-TEH		00083	610HS	07H+	0.70	0.13		0<20	P 2	
38	63	04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.11	0.67		49	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.11			0.5	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.13	0.30		54	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.13			0.3	MCI	P 4
46	63	04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH-	0.02	0.76		76	SCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH-	0.02			0.3	SCI	P 4
58	63	04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.01	0.21		22	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.04	0.37		22	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.01	0.00		0.2	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.04	0.00		0.2	MCI	P 4
80	63	04/95	C	TEC-TEH	TEC-TEH		00189	610HS	VS5+	1.02	0.31		0<20	P 2	
96	63	04/95	C	TEC-TEH	TEC-TEH		00056	610HS	BW1+	2.19	0.64		0<20	P 2	
98	63	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	08H+	0.88	0.53		0<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00055	610HS	BW1+	1.90	0.29		0<20	P 2	
102	63	04/95	H	07H-VS3	07H-VS3	3	00613	580HP	07H+	0.89	0.28		0<20	P 2	
		04/95	H	07H-VS3	07H-VS3	3	00613	580HP	VS2-	0.95	0.28		0<20	P 2	
110	63	04/95	H	07H-VS3	07H-VS3		00314	580HP	BW1+	1.47	0.33		0<20	P 2	
112	63	04/95	C	TEC-TEH	TEC-TEH		00056	610HS	08H+	0.91	0.67		0<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00315	580HP	08H+	0.77	0.35		0<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00315	580HP	BW1-	0.63	0.89		0<20	P 2	
126	63	04/95	C	TEC-TEH	TEC-TEH		00061	610HS	VS1+	0.55	0.26		0<20	P 2	
136	63	04/95	C	TEC-TEH	TEC-VS1		00061	610HS	VS1-	10.27			OBS		
150	63	04/95	H	07H-VS3	07H-VS3		00466	580HP	07H+	0.06	0.50		0<20	P 2	
31	64	04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH-	0.08	0.82		32	SCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00128	600HP	TSH-	0.08			0.3	SCI	P 4
39	64	04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.11	0.32		55	SCI	P 4

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 9 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM LIN	DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	†	CH	CHNG
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.11		0.2	SCI	P 4	
99	64	04/95	C	TEC-TEH	TEC-TEH		00056	610HS	08H+	0.93	0.88	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00569	580HP	08H+	0.84	0.42	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00056	610HS	BW1+	1.80	0.72	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00569	580HP	BW1+	1.76	1.07	0	22	P 2	
105	64	04/95	H	07H-VS3	07H-VS3	3	00613	580HP	08H+	0.72	0.27	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3	3	00613	580HP	BW1+	1.75	0.53	0	<20	P 2	
107	64	04/95	H	07H-VS3	07H-VS3	3	00613	580HP	VS2+	0.13	0.22	0	<20	P 2	
113	64	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	BW1+	2.25	0.32	0	<20	P 2	
117	64	04/95	H	07H-VS3	07H-VS3		00313	580HP	09H+	0.40	0.30	0	<20	P 2	
125	64	04/95	C	TEC-TEH	TEC-TEH		00061	610HS	VS1+	0.89	0.31	0	<20	P 2	
141	64	04/95	H	07H-VS3	07H-VS3		00466	580HP	BW1+	2.18	0.37	0	<20	P 2	
149	64	04/95	C	TEC-TEH	TEC-TEH		00085	610HS	VS1+	0.83	0.50	0	<20	P 2	
		04/95	H	07H-VS3	BW1-VS3		00466	580HP	VS1+	0.79	0.35	0	<20	P 2	
30	65	04/95	H	TSH-TSH	TSH-TSH		00178	600HP	TSH+	0.08	0.57	67	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00178	600HP	TSH+	0.08		0.2	SCI	P 4	
32	65	04/95	H	02H-03H	02H-03H	1	00595	600HP	02H+	38.75	0.19	0.3	SVI	P 2	
46	65	04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.04	0.39	26	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00061	600HP	TSH+	0.04		0.3	SCI	P 4	
92	65	04/95	H	07H-VS3	07H-VS3		00300	580HP	BW1+	1.90	0.34	0	<20	P 2	
96	65	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	07H+	0.85	0.35	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00303	580HP	07H+	0.94	0.41	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00303	580HP	08H+	0.74	0.83	0	<20	P 2	
100	65	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	08H+	0.82	0.48	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00299	580HP	08H+	0.81	0.39	0	<20	P 2	
102	65	04/95	C	TEC-TEH	TEC-TEH		00055	610HS	08H+	0.99	0.77	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00300	580HP	08H+	0.90	0.59	0	<20	P 2	
126	65	04/95	C	TEC-TEH	TEC-TEH		00058	610HS	VS1+	0.77	0.37	0	<20	P 2	
146	65	04/95	C	05C-06C	05C-06C	1	00235	600HP	05C+	30.63	0.34	0.2	SVI	P 2	
17	66	04/95	H	TSH-TSH	TSH-TSH		00089	600HP	TSH-	0.03	4.43	20	SCI	P 2	
		04/95	H	TSH-TSH	TSH-TSH		00089	600HP	TSH-	0.03		1.4	SCI	P 2	
97	66	04/95	C	TEC-TEH	TEC-TEH		00041	610HS	BW1+	2.25	0.30	0	<20	P 2	
101	66	04/95	C	TEC-TEH	TEC-TEH		00041	610HS	08H-	1.00	0.28	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00569	580HP	08H+	0.63	0.41	0	<20	P 2	
143	66	04/95	H	07H-VS3	07H-VS3		00532	580HP	BW1+	2.61	0.71	0.2	SVI	P 2	
151	66	04/95	C	TEC-TEH	TEC-TEH		00085	610HS	03C-	0.93	0.41	0	<20	P 2	
28	67	04/95	H	TSH-TSH	TSH-TSH		00178	600HP	TSH-	0.02	0.78	22	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00178	600HP	TSH-	0.02		0.3	SCI	P 4	
54	67	04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.01	1.06	11	SCI	P 2	
		04/95	H	TSH-TSH	TSH-TSH		00071	600HP	TSH+	0.00	0.00	0.4	SCI	P 2	
45	68	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.20	0.18	0.4	SAI	P 2	
53	68	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.01	0.54	51	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.01		1.1	SCI	P 4	
105	68	04/95	C	TEC-TEH	TEC-TEH		00041	610HS	BW1-	2.22	0.26	0	<20	P 2	
107	68	04/95	C	TEC-TEH	TEC-TEH		00042	610HS	BW1+	2.05	0.57	0	<20	P 2	

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 10 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
117	68 04/95	C TEC-TEH TEC-TEH					00064	610HS BW1+	2.00	0.32		0	<20	P 2	
123	68 04/95	H 07H-VS2 07H-VS2					00523	580HP VS1+	1.01	0.30		0	<20	P 2	
40	69 04/95	H TSH-TSH TSH-TSH					00071	600HP TSH+	0.00	0.31		13	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00071	600HP TSH+	0.00	0.00		0.3	SCI	P 4	
44	69 04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.19	0.45		0.2	SAI	P 2	
118	69 04/95	H 07H-VS3 07H-VS3					00518	580HP BW1+	2.04	0.41		0	<20	P 2	
43	70 04/95	H TSH-TSH TSH-TSH					00057	600HP TSH-	0.00	0.55		49	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00057	600HP TSH-	0.00			0.3	SCI	P 4	
47	70 04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.32	0.54		0.3	MAI	P 2	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.33	0.40		0.2	MAI	P 2	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.35	0.48		0.3	MAI	P 2	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.34	0.22		0.2	MAI	P 2	
53	70 04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.06	0.47		90	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.06			0.5	SCI	P 4	
117	70 04/95	H 07H-VS3 07H-VS3					00413	580HP 08H+	0.82	0.55		0	<20	P 2	
121	70 04/95	H 06H-07H 06H-07H	1				00595	600HP 06H+	23.00	0.49		0.2	SVI	P 3	
129	70 04/95	H 07H-VS3 07H-VS3					00519	580HP BW1+	2.05	0.21		0	<20	P 2	
36	71 04/95	C TEC-TEH TEC-TEH					00140	610HS VS4-	0.90	0.40		0	<20	P 2	
60	71 04/95	H TSH-TSH TSH-TSH					00058	600HP TSH-	0.09	0.86		7	SCI	P 2	
	04/95	H TSH-TSH TSH-TSH					00058	600HP TSH-	0.09			0.7	SCI	P 2	
84	71 04/95	C TEC-TEH TEC-TEH					00127	610HS VS3+	0.70	0.30		0	<20	P 2	
108	71 04/95	C TEC-TEH TEC-TEH					00041	610HS BW1+	1.75	0.36		0	<20	P 2	
112	71 04/95	C TEC-TEH TEC-TEH					00041	610HS BW1+	2.08	0.36		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00413	580HP BW1+	2.14	0.63		0	<20	P 2	
132	71 04/95	H 07H-VS3 07H-VS3					00520	580HP VS1-	0.25	0.41		0	<20	P 2	
138	71 04/95	H 07H-VS3 07H-VS3					00520	580HP VS1-	0.97	0.37		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00520	580HP VS1+	0.97	0.32		0	<20	P 2	
51	72 04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.06	0.50		53	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.06			0.4	SCI	P 4	
53	72 04/95	H TSH-TSH TSH-TSH					00058	600HP TSH-	0.07	0.31		10	SCI	P 2	
	04/95	H TSH-TSH TSH-TSH					00058	600HP TSH-	0.07			0.4	SCI	P 2	
59	72 04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.03	0.46		93	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.03			0.2	SCI	P 4	
97	72 04/95	C TEC-TEH TEC-TEH					00041	610HS BW1+	1.97	0.32		0	<20	P 2	
105	72 04/95	C TEC-TEH TEC-TEH					00041	610HS BW1+	1.98	0.36		0	<20	P 2	
107	72 04/95	C TEC-TEH TEC-TEH					00042	610HS 08H+	1.07	0.46		0	<20	P 2	
	04/95	H 08H-08H 08H-08H					00569	580HP 08H+	0.79	0.21		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00042	610HS BW1+	2.00	0.43		0	<20	P 2	
117	72 04/95	C TEC-TEH TEC-TEH					00066	610HS 09H+	1.02	0.59		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00413	580HP 09H+	0.81	0.25		0	<20	P 2	
52	73 04/95	H TSH-TSH TSH-TSH					00057	600HP TSH+	0.12	0.83		62	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00057	600HP TSH+	0.12			0.8	SCI	P 4	
56	73 04/95	H TSH-TSH TSH-TSH					00058	600HP TSH+	0.08	0.53		43	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00058	600HP TSH+	0.08			0.2	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00058	600HP TSH+	0.09	0.46		17	MCI	P 4	



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 11 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	LIN	EXAM DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	†	CH	CHNG
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.09		0.5	MCI	P 4	
58	73	04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+	0.11	0.85	64	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+	0.11		0.4	SCI	P 4	
62	73	04/95	C	TEC-TEH	TEC-TEH		00128	610HS	VSS+	0.78	1.06	0	22	P 2	
112	73	04/95	H	07H-VS3	07H-VS3		00413	580HP	VS3-	0.85	0.98	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00413	580HP	VS3+	1.13	0.56	0	<20	P 2	
53	74	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.03	0.46	54	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.03		0.5	SCI	P 4	
55	74	04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.04	0.99	71	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.04		0.6	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.05	0.38	32	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.05		0.3	MCI	P 4	
85	74	04/95	C	TEC-TEH	TEC-TEH		00127	610HS	VSS-	0.59	1.96	0	32	P 2	
115	74	04/95	C	TEC-TEH	TEC-TEH		00042	610HS	BW1+	1.77	0.91	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1+	1.85	1.34	0	27	P 2	
60	75	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.11	0.60	49	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.11		0.2	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.12	0.58	107	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.12		0.2	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.12	1.09	52	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.12		0.5	MCI	P 4	
106	75	04/95	C	TEC-TEH	TEC-TEH		00042	610HS	BW1+	1.88	0.39	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00569	580HP	BW1+	1.77	0.42	0	<20	P 2	
114	75	04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1+	1.71	0.89	0	23	P 2	
		04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1+	2.67	0.79	0	21	P 2	
116	75	04/95	C	TEC-TEH	TEC-TEH		00042	610HS	09H-	1.10	0.75	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00413	580HP	09H-	1.20	0.56	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00413	580HP	BW1+	1.10	0.72	1.0	SVI	P 2	
120	75	04/95	H	07H-VS3	07H-VS3		00501	580HP	BW1+	1.80	0.27	0	<20	P 2	
148	75	04/95	H	07H-VS3	07H-VS3		00504	580HP	BW1+	1.96	1.06	36	24	P 2	
154	75	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	VS7+	0.77	1.30	0	21	P 2	
156	75	04/95	C	BW2-BW2	BW2-BW2	1	00238	580HP	BW2+	2.00	0.60	0	<20	P 2	
		04/95	C	BW2-BW2	BW2-BW2	1	00238	580HP	BW2+	2.45	0.44	0	<20	P 2	
63	76	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.06	0.65	63	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.06		0.5	SCI	P 4	
65	76	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.05	0.55	100	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.05		0.4	SCI	P 4	
71	76	04/95	C	VS5-VS3	VS5-VS3	1	00238	580HP	VS3+	29.73	0.40	0.1	SVI	P 2	
97	76	04/95	C	TEC-TEH	TEC-TEH		00044	610HS	BW1+	2.25	0.11	0	<20	P 2	
105	76	04/95	C	TEC-TEH	TEC-TEH		00044	610HS	BW1+	2.25	0.34	0	<20	P 2	
107	76	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	BW1+	2.25	0.31	0	<20	P 2	
115	76	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	08H+	0.79	0.98	0	21	P 2	
		04/95	H	07H-VS3	07H-VS3		00412	580HP	08H+	0.98	0.75	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00043	610HS	BW1-	2.13	1.12	0	23	P 2	
		04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1-	1.78	0.89	0	21	P 2	

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 12 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	LIN	EXAM DATE	LEG	PROGRAM	EXAM EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
		04/95	C	TEC-TEH	TEC-TEH		00043	610HS	BW1+ 1.87	1.30		0	25	P 2	
		04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1+ 1.62	1.46		0	29	P 2	
117	76	04/95	C	TEC-TEH	TEC-TEH		00068	610HS	09H- 0.96	0.47		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00413	580HP	09H- 0.71	0.64		0	<20	P 2	
34	77	04/95	H	TSH-TSH	TSH-TSH		00086	600HP	TSH- 0.10	0.70		26	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00086	600HP	TSH- 0.10			0.3	SCI	P 4	
54	77	04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.05	0.48		90	SCI	P 2	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.05			0.5	SCI	P 2	
68	77	04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.09	0.44		41	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.09			0.5	SCI	P 4	
80	77	04/95	C	TEC-TEH	TEC-TEH		00127	610HS	VS5- 0.74	1.18		0	23	P 2	
112	77	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	VS2- 0.95	0.61		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00413	580HP	VS2- 1.09	1.22		0	20	P 2	
114	77	04/95	H	07H-VS3	07H-VS3		00412	580HP	BW1+ 1.22	0.43		0	<20	P 2	
132	77	04/95	C	TEC-TEH	TEC-TEH		00067	610HS	VS1- 0.77	0.27		0	<20	P 2	
146	77	04/95	H	07H-VS3	07H-VS3		00493	580HP	BW1+ 1.62	0.25		0	<20	P 2	
61	78	04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.12	0.60		50	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.12			0.5	SCI	P 4	
67	78	04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.10	1.08		20	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.10			2.3	SCI	P 4	
113	78	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	08H+ 1.00	0.31		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00043	610HS	BW1+ 2.25	0.62		0	<20	P 2	
129	78	04/95	H	07H-VS3	07H-VS3		00493	580HP	BW1+ 1.28	0.67		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	BW1+ 1.92	0.34		0	<20	P 2	
133	78	04/95	H	07H-VS3	07H-VS3		00492	580HP	VS1+ 18.80	0.50		0.2	SVI	P 3	
153	78	04/95	C	TEC-TEH	TEC-TEH		00067	610HS	VS1+ 0.79	0.26		0	<20	P 2	
36	79	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+ 0.01	0.61		84	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+ 0.01			0.4	SCI	P 4	
108	79	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	08H+ 0.93	0.30		0	<20	P 2	
114	79	04/95	C	TEC-TEH	TEC-TEH		00044	610HS	BW1- 1.75	0.76		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00409	580HP	BW1- 1.42	0.90		0	<20	P 2	
124	79	04/95	H	07H-VS2	07H-VS2		00483	580HP	09H- 0.18	0.38		0	<20	P 2	
156	79	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	VS1+ 0.79	0.35		0	<20	P 2	
39	80	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH- 0.00	1.11		55	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+ 0.00			0.4	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+ 0.05	0.67		60	MCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+ 0.05			0.4	MCI	P 4	
55	80	04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.06	0.59		25	SCI	P 4	
		04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH+ 0.06			0.8	SCI	P 4	
117	80	04/95	C	TEC-TEH	TEC-TEH		00069	610HS	09H+ 1.04	0.41		0	<20	P 2	
139	80	04/95	H	07H-VS3	07H-VS3		00488	580HP	BW1+ 1.90	0.37		0	<20	P 2	
30	81	04/95	H	TEH-TSH	TEH-TSH		00089	600HP	TSH- 1.67	0.44		0.3	MAI	P 3	
		04/95	H	TEH-TSH	TEH-TSH		00089	600HP	TSH- 1.66	0.39		0.2	MAI	P 3	
68	81	04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.10	0.72		165	SCI	P 2	
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+ 0.10			0.8	SCI	P 2	

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 13 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
LIN	DATE													
106	81	04/95	C	TEC-TEH	TEC-TEH		00044	610HS	BW1+	1.82	0.16	0	<20	P 2
108	81	04/95	C	TEC-TEH	TEC-TEH		00043	610HS	08H+	0.93	0.69	0	<20	P 2
		04/95	H	08H-08H	08H-08H		00569	580HP	08H+	0.80	0.29	0	<20	P 2
132	81	04/95	H	07H-VS3	07H-VS3		00483	580HP	BW1+	1.91	0.53	0	<20	P 2
144	81	04/95	H	07H-VS3	07H-VS3		00483	580HP	BW1-	2.09	0.31	0	<20	P 2
156	81	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	03C-	1.02	0.56	0	<20	P 2
61	82	04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.19	0.46	17	SCI	P 2
		04/95	H	TSH-TSH	TSH-TSH		00058	600HP	TSH+	0.19		0.7	SCI	P 2
65	82	04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.16	0.35	70	SCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00059	600HP	TSH+	0.10		0.4	SCI	P 4
		04/95	C	TEC-TEH	TEC-TEH		00129	610HS	VS3+	0.52	0.24	0	<20	P 2
111	82	04/95	H	07H-VS3	07H-VS3		00398	580HP	BW1+	1.81	0.26	0	<20	P 2
117	82	04/95	C	TEC-TEH	TEC-TEH		00069	610HS	09H-	1.12	0.78	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00399	580HP	09H-	1.27	0.66	0	<20	P 2
125	82	04/95	C	TEC-TEH	TEC-TEH		00069	610HS	01H-	1.90	17.28	17	BLI	1
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	02H+	27.87	15.42	12	BLI	1
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	03H+	12.52	22.01	19	BLI	1
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	04H+	11.84	6.90	1	BLI	P 1
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	05H+	33.63	6.13	8	BLI	1
		04/95	C	TEC-TEH	TEC-TEH		00069	610HS	09H-	0.94	0.47	0	<20	P 2
		04/95	H	07H-VS2	07H-VS3		00483	580HP	09H-	0.21	0.36	0	<20	P 2
		04/95	H	07H-VS2	07H-VS3		00483	580HP	09H+	1.03	0.76	0	21	P 2
133	82	04/95	C	TEC-TEH	TEC-TEH		00070	610HS	BW1-	1.97	0.16	0	<20	P 2
139	82	04/95	H	07H-VS3	07H-VS3		00545	580HP	BW1+	1.89	0.50	0	<20	P 2
141	82	04/95	C	TEC-TEH	TEC-TEH		00070	610HS	BW1+	1.94	0.63	0	<20	P 2
149	82	04/95	C	TEC-TEH	TEC-TEH		00070	610HS	VS1-	0.74	0.25	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00483	580HP	VS3-	1.00	0.35	0	<20	P 2
157	82	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	03C+	0.72	0.34	0	<20	P 2
32	83	04/95	C	TEC-TEH	TEC-TEH		00141	610HS	BW2-	1.76	0.95	0	<20	P 2
74	83	04/95	C	TEC-TEH	TEC-TEH		00130	610HS	VS3+	1.02	0.44	0	<20	P 2
110	83	04/95	C	TEC-TEH	TEC-TEH		00044	610HS	08H+	0.96	0.38	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00398	580HP	08H+	0.84	0.45	0	<20	P 2
112	83	04/95	H	07H-VS3	07H-VS3		00399	580HP	07H+	0.82	0.82	0	<20	P 2
118	83	04/95	H	07H-VS3	07H-VS3		00475	580HP	BW1+	1.73	0.20	0	<20	P 2
140	83	04/95	H	07H-VS3	07H-VS3		00479	580HP	BW1+	1.22	0.52	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00070	610HS	BW1+	1.96	0.46	0	<20	P 2
146	83	04/95	C	TEC-TEH	TEC-TEH		00071	610HS	BW1-	1.86	0.22	0	<20	P 2
148	83	04/95	H	07H-VS3	07H-VS3		00478	580HP	BW1+	1.77	0.80	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00070	610HS	VS1-	0.68	0.67	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00070	610HS	VS1+	0.36	0.51	0	<20	P 2
33	84	04/95	C	TEC-TEH	TEC-TEH		00141	610HS	BW1-	1.78	0.40	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00141	610HS	VS4-	0.80	0.32	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00141	610HS	BW2-	1.75	0.35	0	<20	P 2
61	84	04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH-	0.11	0.81	63	MCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00057	600HP	TSH-	0.11		0.3	MCI	P 4

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STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
	04/95	H TSH-TSH TSH-TSH					00057	600HP TSH+	0.07	0.43		89	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00057	600HP TSH+	0.07			0.3	MCI	P 4	
67	84	04/95	H	TSH-TSH TSH-TSH			00058	600HP TSH-	0.00	0.52		36	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00058	600HP TSH-	0.00			0.3	SCI	P 4	
111	84	04/95	H	07H-VS3 07H-VS3			00398	580HP 07H+	0.78	0.23		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00398	580HP 08H+	0.86	0.30		0	<20	P 2	
117	84	04/95	C	TEC-TEH TEC-TEH			00070	610HS 09H+	1.52	0.83		0	<20	P 2	
123	84	04/95	C	TEC-TEH TEC-TEH			00071	610HS 07H+	0.86	0.42		0	<20	P 2	
	04/95	H 07H-VS2 07H-VS2					00475	580HP 07H+	0.99	0.62		0	<20	P 2	
	04/95	H 07H-VS2 07H-VS2					00475	580HP VS1+	1.00	0.28		0	<20	P 2	
131	84	04/95	H	07H-VS3 07H-VS3			00475	580HP BW1-	1.81	0.34		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00071	610HS BW1+	1.95	0.36		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00475	580HP BW1+	1.77	0.60		0	<20	P 2	
139	84	04/95	C	TEC-TEH TEC-TEH			00071	610HS BW1-	2.16	0.15		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00475	580HP BW1+	1.95	0.45		0	<20	P 2	
149	84	04/95	C	TEC-TEH TEC-TEH			00070	610HS BW1+	1.97	0.54		0	<20	P 2	
	04/95	H 07H-VS3 08H-VS3					00476	580HP BW1+	1.78	1.16		0	26	P 2	
34	85	04/95	C	TEC-TEH TEC-TEH			00141	610HS BW1-	2.17	1.09		0	24	P 2	
	04/95	H BW1-BW1 BW1-BW1					00594	600HP BW1-	2.09	1.23		0	24	P 2	
	04/95	C TEC-TEH TEC-TEH					00141	610HS BW2-	1.75	0.72		0	<20	P 2	
62	85	04/95	H	TSH-TSH TSH-TSH			00059	600HP TSH+	0.03	0.71		60	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.02	0.24		34	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.04			0.2	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00059	600HP TSH+	0.03			0.4	MCI	P 4	
66	85	04/95	H	TSH-TSH TSH-TSH			00057	600HP TSH+	0.09	0.64		76	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00057	600HP TSH+	0.09			0.3	SCI	P 4	
68	85	04/95	H	TSH-TSH TSH-TSH			00060	600HP TSH+	0.07	0.69		68	SCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00060	600HP TSH+	0.07			0.3	SCI	P 4	
80	85	04/95	C	TEC-TEH TEC-TEH			00130	610HS VS5+	0.81	0.25		0	<20	P 2	
112	85	04/95	C	TEC-TEH TEC-TEH			00043	610HS 07H+	0.79	0.27		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00043	610HS 08H+	0.97	0.60		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00399	580HP 08H+	0.81	0.85		0	22	P 2	
120	85	04/95	H	07H-VS3 07H-BW1			00545	580HP 07H+	0.85	0.51		0	<20	P 2	
122	85	04/95	H	07H-VS2 07H-VS2			00471	580HP 08H-	0.11	0.76		0	<20	P 2	
126	85	04/95	C	TEC-TEH TEC-TEH			00071	610HS BW1+	1.96	0.32		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00071	610HS VS1-	0.81	0.31		0	<20	P 2	
140	85	04/95	C	TEC-TEH TEC-TEH			00070	610HS BW1+	1.99	0.18		0	<20	P 2	
142	85	04/95	H	07H-VS3 07H-VS3			00475	580HP BW1+	1.82	0.36		0	<20	P 2	
144	85	04/95	C	TEC-TEH TEC-TEH			00070	610HS VS1+	0.00	0.42		0	<20	P 2	
148	85	04/95	C	TEC-TEH TEC-TEH			00070	610HS BW1+	1.75	0.35		0	<20	P 2	
	04/95	H 07H-VS3 08H-VS3					00475	580HP BW1+	2.05	0.47		0	<20	P 2	
150	85	04/95	C	TEC-TEH TEC-TEH			00071	610HS VS3-	0.91	0.70		0	<20	P 2	
	04/95	H 07H-VS3 08H-VS3					00476	580HP VS3-	0.87	1.29		0	28	P 2	
	04/95	C TEC-TEH TEC-TEH					00071	610HS 03C+	18.13	0.67		99	32	P 1	
	04/95	C 03C-04C 03C-04C	1				00235	600HP 03C+	18.14	0.42		0.2	SVI	P 2	

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STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
156	85 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS BW2+	1.86	0.48		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 03C+	0.75	0.50		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 02C-	0.96	0.25		0 <20 P 2		
158	85 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS VS7-	0.72	0.66		0 <20 P 2		
35	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00141	610HS BW2-	1.75	0.39		0 <20 P 2		
61	86 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00055	600HP TSH-	0.09	0.13		53 SCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00055	600HP TSH-	0.09			0.1 SCI P 4		
67	86 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00058	600HP TSH-	0.00	0.37		68 SCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00058	600HP TSH-	0.00			0.3 SCI P 4		
107	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00044	610HS BW1+	1.98	0.39		0 <20 P 2		
	04/95	H BW1-BW1 BW1-BW1	H	BW1-BW1	BW1-BW1		00569	580HP BW1+	1.82	0.41		0 <20 P 2		
111	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00044	610HS BW1+	2.19	0.23		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00389	580HP BW1+	2.12	0.61		0 <20 P 2		
113	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00043	610HS 08H+	0.75	0.56		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00394	580HP 08H+	0.78	0.37		0 <20 P 2		
117	86 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00500	580HP 07H+	0.73	0.23		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00070	610HS BW1+	1.75	0.60		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00500	580HP BW1+	1.59	1.01		0 23 P 2		
119	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00071	610HS BW1+	1.75	0.59		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00471	580HP BW1+	1.85	0.93		0 21 P 2		
135	86 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00473	580HP BW1-	1.60	0.30		0 <20 P 2		
159	86 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 04C-	0.72	0.86		0 25 P 2		
36	87 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00141	610HS BW1-	2.25	0.49		0 <20 P 2		
58	87 04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00057	600HP TSH+	0.07	0.91		52 MCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00057	600HP TSH+	0.07			0.3 MCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00057	600HP TSH+	0.03	0.45		32 MCI P 4		
	04/95	H TSH-TSH TSH-TSH	H	TSH-TSH	TSH-TSH		00057	600HP TSH+	0.03			0.3 MCI P 4		
114	87 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00044	610HS BW1+	1.86	0.64		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00394	580HP BW1+	1.89	0.47		0 <20 P 2		
116	87 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00043	610HS BW1+	1.79	0.45		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00395	580HP BW1+	1.82	0.46		0 <20 P 2		
118	87 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00465	580HP 09H-	0.96	1.13		0 22 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00073	610HS BW1+	1.90	0.47		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00465	580HP BW1+	2.10	0.59		0 <20 P 2		
122	87 04/95	H 07H-VS2 07H-VS2	H	07H-VS2	07H-VS2		00459	580HP VS1+	0.76	0.37		0 <20 P 2		
134	87 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00464	580HP BW1+	1.93	0.46		0 <20 P 2		
136	87 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00465	580HP BW1-	0.01	0.51		0 <20 P 2		
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00465	580HP BW1-	0.05	0.53		0 <20 P 2		
138	87 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00464	580HP BW1-	1.91	0.42		0 <20 P 2		
146	87 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00468	580HP BW1+	1.79	0.49		0 <20 P 2		
148	87 04/95	H 07H-VS3 09H-BW1	H	07H-VS3	09H-BW1		00543	580HP 09H-	1.10	0.25		0 <20 P 2		
158	87 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 05C-	0.84	0.81		0 24 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 03C-	0.86	0.50		0 <20 P 2		
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00086	610HS 02C-	0.74	0.28		0 <20 P 2		
105	88 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00043	610HS BW1+	2.00	0.40		0 <20 P 2		

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CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
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ROW	LIN	EXAM DATE	LEG	PROGRAM	EXAM EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
113	88	04/95	H	07H-VS3	07H-VS3		00389	580HP	07H+	0.92	0.28	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00043	610HS	BW1+	1.75	0.33	0	<20	P 2	
117	88	04/95	H	07H-VS3	07H-VS3		00389	580HP	08H+	1.03	0.49	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00073	610HS	09H-	0.75	0.39	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00389	580HP	09H-	0.86	0.96	0	<20	P 2	
119	88	04/95	H	07H-VS3	07H-VS3		00465	580HP	07H+	0.86	0.33	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00465	580HP	09H-	0.06	1.67	0	29	P 2	
121	88	04/95	H	07H-VS3	07H-VS3		00464	580HP	BW1+	1.78	0.62	0	<20	P 2	
123	88	04/95	H	07H-VS2	07H-VS2		00459	580HP	BW1+	3.03	0.79	0.8	SAI	P 2	
127	88	04/95	H	07H-VS3	07H-VS3		00465	580HP	07H+	0.86	0.24	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00465	580HP	09H-	0.13	0.23	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00465	580HP	BW1+	1.99	0.26	0	<20	P 2	
139	88	04/95	H	07H-VS3	07H-VS3		00459	580HP	BW1+	1.76	0.35	0	<20	P 2	
153	88	04/95	C	TEC-TEH	TEC-TEH		00072	610HS	VS1-	0.73	1.18	0	30	P 2	
		04/95	H	VS1-VS1	VS1-VS1		00583	600PP	VS1-	0.79	0.74	0	<20	P 2	
159	88	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	04C-	1.03	0.43	0	<20	P 2	
48	89	04/95	C	TEC-TEH	TEC-07C		00203	610HS					OBS		
74	89	04/95	C	TEC-TEH	TEC-TEH		00203	610HS	VS3+	0.86	0.44	0	<20	P 2	
110	89	04/95	H	07H-VS3	07H-VS3		00388	580HP	07H+	0.81	0.30	0	<20	P 2	
112	89	04/95	H	07H-VS3	07H-VS3		00389	580HP	07H+	0.82	0.43	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00389	580HP	08H+	0.81	0.60	0	<20	P 2	
118	89	04/95	C	TEC-TEH	TEC-TEH		00072	610HS	08H+	0.81	0.56	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00454	580HP	08H+	0.93	1.28	0	24	P 2	
		04/95	H	07H-VS3	07H-VS3		00454	580HP	BW1+	2.00	1.25	0	24	P 2	
122	89	04/95	H	07H-VS2	07H-VS2		00456	580HP	09H-	0.88	0.98	1.0	MAX	P 2	
		04/95	H	07H-VS2	07H-VS2		00456	580HP	09H-	0.95	0.35	0.9	MAX	P 2	
		04/95	H	07H-VS2	07H-VS2		00456	580HP	VS1+	1.01	0.27	0	<20	P 2	
128	89	04/95	C	TEC-TEH	TEC-TEH		00073	610HS	VS1-	0.65	0.22	0	<20	P 2	
134	89	04/95	C	TEC-TEH	TEC-TEH		00072	610HS	VS1+	0.88	0.43	0	<20	P 2	
148	89	04/95	H	07H-VS3	07H-VS3		00459	580HP	BW1+	1.71	0.41	0	<20	P 2	
150	89	04/95	H	07H-VS3	07H-VS3		00460	580HP	BW1+	2.04	0.31	0	<20	P 2	
156	89	04/95	C	TEC-TEH	TEC-TEH		00073	610HS	BW2+	1.82	0.89	0	<20	P 2	
158	89	04/95	C	TEC-TEH	TEC-TEH		00086	610HS	VS5+	0.97	0.30	0	<20	P 2	
81	90	04/95	C	TEC-TEH	TEC-TEH		00202	610HS	01H+	4.78	15.13	10	BLI	1	
		04/95	C	TEC-TEH	TEC-TEH		00202	610HS	08C+	4.05	3.59	8	BLI	1	
105	90	04/95	C	TEC-TEH	TEC-TEH		00045	610HS	BW1+	2.03	0.17	0	<20	P 2	
109	90	04/95	C	TEC-TEH	TEC-TEH		00045	610HS	BW1+	1.88	0.44	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00303	580HP	BW1+	1.71	0.82	0	<20	P 2	
115	90	04/95	C	TEC-TEH	TEC-TEH		00045	610HS	BW1+	1.89	0.50	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00388	580HP	BW1+	2.10	0.81	0	<20	P 2	
117	90	04/95	H	07H-VS3	07H-VS3		00389	580HP	09H+	0.20	1.01	0	23	P 2	
121	90	04/95	H	07H-VS3	07H-VS3		00454	580HP	09H+	0.05	1.23	0	24	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00072	610HS	09H+	0.78	0.56	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00454	580HP	09H+	0.95	0.95	0	<20	P 2	
141	90	04/95	H	07H-VS3	07H-VS3		00455	580HP	BW1+	20.98	0.51	0.5	SAI	P 3	

ROCKRIDGE TECHNOLOGIES

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM LIN DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	†	CH	CHNG
155	90 04/95	C	TEC-TEH TEC-TEH			00073	610HS VS7+	1.03	0.49		0	<20	P 2	
159	90 04/95	C	TEC-TEH TEC-TEH			00086	610HS VS1+	0.78	0.21		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00086	610HS VS3-	0.72	0.26		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00086	610HS VS3+	0.89	0.33		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00086	610HS BW2+	1.99	0.30		0	<20	P 2	
112	91 04/95	H	07H-VS3 07H-VS3			00389	580HP 07H+	0.86	0.21		0	<20	P 2	
118	91 04/95	C	TEC-TEH TEC-TEH			00072	610HS 09H-	0.84	0.76		0	20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP 09H-	0.86	1.21		0	23	P 2	
	04/95	C	TEC-TEH TEC-TEH			00072	610HS BW1-	1.96	0.49		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP BW1-	1.78	0.65		0	<20	P 2	
120	91 04/95	C	TEC-TEH TEC-TEH			00073	610HS BW1+	1.78	0.38		0	<20	P 2	
122	91 04/95	H	07H-VS2 07H-VS2			00454	580HP VS1+	0.87	0.61		0	<20	P 2	
126	91 04/95	C	TEC-TEH TEC-TEH			00072	610HS 09H+	0.85	0.44		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00543	580HP 09H+	0.89	0.23		0	<20	P 2	
130	91 04/95	C	TEC-TEH TEC-TEH			00072	610HS VS1-	0.70	0.47		0	<20	P 2	
146	91 04/95	H	07H-VS3 07H-VS3			00454	580HP 08H-	0.72	0.48		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP BW1+	1.09	0.53		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP VS1-	1.02	0.55		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP VS1+	0.83	0.35		0	<20	P 2	
158	91 04/95	C	TEC-TEH TEC-TEH			00086	610HS BW2+	1.97	0.36		0	<20	P 2	
111	92 04/95	C	TEC-TEH TEC-TEH			00047	610HS VS2-	0.98	0.47		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00388	580HP VS2-	1.05	1.08		0	21	P 2	
	04/95	C	TEC-TEH TEC-TEH			00047	610HS VS3+	1.01	0.98		0	22	P 2	
	04/95	H	07H-VS3 07H-VS3			00388	580HP VS3+	0.85	1.72		0	28	P 2	
113	92 04/95	H	07H-VS3 07H-VS3			00389	580HP BW1-	1.20	0.38		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00389	580HP VS2+	0.68	0.50		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00047	610HS VS3+	0.96	0.31		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00389	580HP VS3+	0.92	0.60		0	<20	P 2	
115	92 04/95	H	07H-VS3 07H-VS3			00390	580HP BW1+	1.81	0.53		0	<20	P 2	
117	92 04/95	C	TEC-TEH TEC-TEH			00072	610HS 09H-	0.82	1.04		0	27	P 2	
	04/95	H	07H-VS3 07H-VS3			00391	580HP 09H-	0.61	1.16		0	25	P 2	
119	92 04/95	C	TEC-TEH TEC-TEH			00073	610HS 09H+	0.90	0.60		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP 09H+	0.84	0.90		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00073	610HS BW1+	1.77	0.33		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00454	580HP BW1+	1.55	0.59		0	<20	P 2	
127	92 04/95	H	07H-VS3 07H-VS3			00454	580HP BW1-	1.96	0.45		0	<20	P 2	
129	92 04/95	H	07H-VS3 07H-VS3			00455	580HP BW1+	6.62	0.63		0.8	SAT	P 2	
143	92 04/95	H	07H-VS3 07H-VS3			00454	580HP BW1+	2.00	0.56		0	<20	P 2	
149	92 04/95	C	TEC-TEH TEC-TEH			00072	610HS BW1-	1.69	0.42		0	<20	P 2	
	04/95	H	07H-VS3 07H-VS3			00450	580HP BW1-	1.83	0.41		0	<20	P 2	
151	92 04/95	H	BW1-VS1 BW1-VS1	1		00597	580HP BW1+	1.86	0.68		0	<20	P 2	
157	92 04/95	C	TEC-TEH TEC-TEH			00086	610HS BW2+	1.99	0.20		0	<20	P 2	
159	92 04/95	H	BW1-VS1 BW1-BW1			00585	600HP BW1-	2.25	1.45		0	29	P 2	
	04/95	H	BW1-VS1 BW1-BW1			00585	600HP BW1+	2.08	0.39		0	<20	P 2	
	04/95	C	TEC-TEH TEC-TEH			00086	610HS VS1+	0.85	0.21		0	<20	P 2	



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
	04/95	C TEC-TEH TEC-TEH					00086	610HS BW2+	1.96	0.16		0<20	P 2	
38	93 04/95	C TEC-TEH TEC-TEH					00206	610HS BW1+	1.94	0.19		0<20	P 2	
110	93 04/95	H 07H-VS3 07H-VS3					00388	580HP BW1+	1.99	0.31		0<20	P 2	
116	93 04/95	H 07H-VS3 07H-VS3					00550	580HP 09H+	1.28	0.35		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00550	580HP BW1+	0.20	0.11	0.8	SVI	P 3	
120	93 04/95	C TEC-TEH TEC-TEH					00073	610HS BW1+	2.07	0.25		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00543	580HP BW1+	2.38	0.66		0<20	P 2	
122	93 04/95	H 09H-VS1 09H-VS1					00543	580HP 09H+	5.45	0.47	7.3	SAI	P 3	
134	93 04/95	H 07H-VS3 07H-VS3					00445	580HP BW1+	2.25	0.23		0<20	P 2	
138	93 04/95	C TEC-TEH TEC-TEH					00072	610HS VS1-	0.70	0.52		0<20	P 2	
	04/95	H 07H-VS3 06H-VS3					00445	580HP VS1-	0.95	0.85		0 22	P 2	
146	93 04/95	H 07H-VS3 07H-VS3					00449	580HP BW1-	1.80	0.48		0<20	P 2	
150	93 04/95	C TEC-TEH TEC-TEH					00072	610HS BW1-	2.31	0.38		0<20	P 2	
158	93 04/95	C TEC-TEH TEC-TEH					00086	610HS BW2+	1.94	0.31		0<20	P 2	
113	94 04/95	H 07H-VS3 07H-VS3					00389	580HP 08H+	0.85	0.38		0<20	P 2	
123	94 04/95	H 07H-VS2 07H-VS2					00443	580HP VS1+	1.13	0.52		0<20	P 2	
125	94 04/95	C TEC-TEH TEC-TEH					00072	610HS 09H-	0.12	0.57		0<20	P 2	
	04/95	H 07H-VS2 07H-VS2					00446	580HP 09H-	0.30	0.37		0<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00072	610HS 09H+	0.85	0.95		0 26	P 2	
	04/95	H 07H-VS2 07H-VS2					00446	580HP 09H+	0.81	0.48		0<20	P 2	
127	94 04/95	C TEC-TEH TEC-TEH					00073	610HS 09H+	0.00	0.49		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00445	580HP 09H-	0.13	0.90		0 23	P 2	
131	94 04/95	C TEC-TEH TEC-TEH					00073	610HS 08H+	0.93	0.30		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00443	580HP BW1+	8.11	0.54	1.0	SAI	P 2	
133	94 04/95	C TEC-TEH TEC-TEH					00072	610HS 08H-	0.18	0.34		0<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00072	610HS 08H+	0.89	0.38		0<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00072	610HS 09H+	0.86	0.30		0<20	P 2	
139	94 04/95	H 07H-VS3 07H-VS3					00443	580HP BW1+	1.85	0.42		0<20	P 2	
145	94 04/95	H 07H-VS3 07H-VS3					00543	580HP BW1+	2.08	0.24		0<20	P 2	
147	94 04/95	C TEC-TEH TEC-TEH					00073	610HS BW1+	1.75	0.57		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00443	580HP BW1+	1.92	0.52		0<20	P 2	
159	94 04/95	C TEC-TEH TEC-TEH					00086	610HS 08C+	0.84	0.30		0<20	P 2	
58	95 04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.13	0.24	99	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.13		0.3	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.15	0.31	99	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.15		0.2	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.16	0.45	83	MCI	P 4	
	04/95	H TSH-TSH TSH-TSH					00053	600HP TSH+	0.16		0.3	MCI	P 4	
88	95 04/95	C TEC-TEH TEC-TEH					00205	610HS 04H+	15.60	10.54	27	BLI	1	
	04/95	C TEC-TEH TEC-TEH					00205	610HS 02C+	37.94	8.13	20	BLI	1	
112	95 04/95	H 07H-VS3 07H-VS3					00389	580HP VS2-	0.76	0.36		0<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00389	580HP VS3-	0.56	0.31		0<20	P 2	
118	95 04/95	H 07H-VS3 07H-VS3					00441	580HP 09H+	0.22	0.62		0<20	P 2	
122	95 04/95	C TEC-TEH TEC-TEH					00074	610HS VS1+	0.54	0.51		0<20	P 2	
	04/95	H 07H-VS2 07H-VS2					00443	580HP VS1+	1.03	0.90		0 20	P 2	



CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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 DATE: 08/17/95
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ROW	LIN	EXAM DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
126	95	04/95	H	07H-VS3	07H-VS3		00441	580HP	08H+	38.86	0.42	6.7	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H-	0.09	0.44	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H-	0.48	0.16	0.6	MAI	P 2	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	0.76	0.43	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	4.85	0.43	1.5	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	6.18	0.32	0.7	MAI	P 2	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	6.38	0.55	0.8	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	8.46	0.42	0.7	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00441	580HP	09H+	9.94	0.48	1.0	MAI	P 2	
130	95	04/95	H	07H-VS3	07H-VS3		00443	580HP	09H+	0.96	0.90	0	20	P 2	
132	95	04/95	C	TEC-TEH	TEC-TEH		00074	610HS	09H+	0.87	0.93	0	23	P 2	
		04/95	H	07H-VS3	07H-VS3		00444	580HP	09H+	0.91	0.59	0	<20	P 2	
138	95	04/95	C	TEC-TEH	TEC-TEH		00074	610HS	BW1+	2.20	0.26	0	<20	P 2	
		04/95	H	07H-VS3	08H-VS3		00443	580HP	BW1+	2.06	0.29	0	<20	P 2	
150	95	04/95	C	TEC-TEH	TEC-TEH		00074	610HS	BW1+	1.98	0.40	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00445	580HP	BW1+	2.00	0.61	0	<20	P 2	
152	95	04/95	C	TEC-TEH	TEC-TEH		00074	610HS	VS5-	0.75	0.36	0	<20	P 2	
111	96	04/95	C	TEC-TEH	TEC-TEH		00039	610HS	08H+	0.90	0.35	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00324	580HP	08H+	0.90	0.28	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00039	610HS	BW1+	2.17	0.32	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00324	580HP	BW1+	1.99	0.42	0	<20	P 2	
113	96	04/95	H	07H-VS3	07H-VS3		00325	580HP	08H-	0.57	0.29	0	<20	P 2	
117	96	04/95	H	07H-VS3	07H-VS3		00325	580HP	07H+	1.05	0.28	0	<20	P 2	
119	96	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	BW1+	1.84	0.75	0	20	P 2	
		04/95	H	07H-VS3	07H-VS3		00326	580HP	BW1+	1.99	0.64	0	<20	P 2	
121	96	04/95	C	TEC-TEH	TEC-TEH		00097	610HS	BW1+	1.82	0.45	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00327	580HP	BW1+	1.92	0.55	0	<20	P 2	
127	96	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	08H+	0.84	0.52	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00424	580HP	08H+	0.78	0.59	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00096	610HS	09H+	0.76	0.37	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00096	610HS	VS1+	1.10	0.29	0	<20	P 2	
129	96	04/95	C	TEC-TEH	TEC-TEH		00097	610HS	08H+	0.77	0.26	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	08H+	38.32	0.40	2.0	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	09H+	8.09	0.47	0.3	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	09H+	9.56	0.37	0.4	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	09H+	11.75	0.31	0.9	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	BW1+	0.34	0.39	0.3	MAI	P 3	
		04/95	H	07H-VS3	07H-VS3		00463	580HP	BW1+	2.44	0.56	0.6	MAI	P 3	
159	96	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	04C+	0.84	0.68	0	<20	P 2	
122	97	04/95	H	07H-VS2	07H-VS2		00422	580HP	08H-	0.12	0.37	0	<20	P 2	
		04/95	H	07H-VS2	07H-VS2		00422	580HP	09H+	0.94	0.41	0	<20	P 2	
136	97	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	VS1-	0.32	0.27	0	<20	P 2	
148	97	04/95	C	TEC-TEH	TEC-TEH		00108	610HS	VS1-	0.85	0.72	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00423	580HP	VS1-	0.81	0.85	0	22	P 2	
		04/95	H	07H-VS3	07H-VS3		00423	580HP	VS1+	1.01	0.36	0	<20	P 2	



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	LIN	EXAM DATE	LEG	PROGRAM	EXAM EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
		04/95	C	TEC-TEH	TEC-TEH			00108	610HS	VS3+	0.97	0.50		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00423	580HP	VS3+	0.85	0.56		0	<20	P 2
150	97	04/95	H	07H-VS3	07H-VS3			00425	580HP	BW1+	2.21	0.34		0	<20	P 2
119	98	04/95	H	07H-VS3	07H-VS3			00414	580HP	BW1+	1.42	0.28		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	1.87	0.21		0	<20	P 2
125	98	04/95	H	07H-VS2	07H-VS3			00415	580HP	BW1+	3.22	0.20	0.8	SAI	P 2	
139	98	04/95	H	07H-VS3	07H-VS3			00414	580HP	BW1+	1.75	0.29		0	<20	P 2
149	98	04/95	H	07H-VS3	07H-VS3			00415	580HP	BW1+	2.22	0.26		0	<20	P 2
110	99	04/95	H	07H-VS3	07H-VS3			00324	580HP	08H+	0.72	0.29		0	<20	P 2
114	99	04/95	H	07H-VS3	07H-VS3			00324	580HP	08H+	0.84	0.32		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00040	610HS	BW1+	1.98	0.37		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00324	580HP	BW1+	1.84	0.54		0	<20	P 2
118	99	04/95	H	07H-VS3	07H-VS3			00406	580HP	08H+	0.68	0.28		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00406	580HP	09H+	0.66	0.76		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00406	580HP	BW1+	2.18	0.34		0	<20	P 2
120	99	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	1.75	0.75		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00407	580HP	BW1+	1.97	1.55		0	32	P 2
126	99	04/95	H	07H-VS3	07H-VS3			00517	580HP	BW1+	2.00	0.40		0	<20	P 2
134	99	04/95	C	TEC-TEH	TEC-BW2			00109	610HS					OBS		
144	99	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	1.89	0.51		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00512	580HP	BW1+	1.95	0.54		0	<20	P 2
148	99	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	09H+	0.78	0.38		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00415	580HP	09H+	0.87	0.44		0	<20	P 2
152	99	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	1.78	0.38		0	<20	P 2
107	100	04/95	H	07H-VS3	07H-VS3			00154	580HP	08H+	0.67	0.40		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00154	580HP	08H+	0.68	0.34		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00154	580HP	BW1+	1.73	0.18		0	<20	P 2
109	100	04/95	H	07H-VS3	07H-VS3			00174	580HP	07H+	0.80	0.32		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00154	580HP	BW1+	1.35	0.51		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00040	610HS	BW1+	1.76	0.42		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00174	580HP	BW1+	1.75	0.50		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00040	610HS	02C-	1.01	9.99	13	BLI	P 1	
		04/95	C	TEC-TEH	TEC-TEH			00040	610HS	01C+	27.34	7.20	11	BLI	1	
117	100	04/95	C	TEC-TEH	TEC-TEH			00095	610HS	09H+	1.00	0.95		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00430	580HP	09H+	1.66	0.97		0	23	P 2
		04/95	H	07H-VS3	07H-VS3			00430	580HP	BW1+	1.83	0.30		0	<20	P 2
119	100	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	1.75	0.59		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00406	580HP	BW1+	1.75	0.69		0	<20	P 2
123	100	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	09H+	0.00	0.54		0	<20	P 2
		04/95	H	07H-VS2	07H-VS2			00406	580HP	09H-	0.16	0.37		0	<20	P 2
127	100	04/95	C	TEC-TEH	TEC-TEH			00094	610HS	09H+	0.73	0.64		0	20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00094	610HS	BW1+	2.25	0.33		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00406	580HP	BW1+	2.30	0.65		0	<20	P 2
131	100	04/95	H	TSH-TSH	TSH-TSH			00122	600HP	TSH-	0.36	0.16	0.2	SAI	P 2	
147	100	04/95	H	04H-05H	04H-05H	1		00575	600HP	04H+	6.16	0.22	0.2	SVI	P 2	

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
149	100 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00405	580HP	BW1+ 1.79	0.34		0	<20	P 2	
151	100 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	BW1- 1.85	0.55		0	<20	P 2	
	04/95	H BW1-BW1 BW1-BW1	H	BW1-BW1	BW1-BW1		00558	580HP	BW1- 2.00	0.25		0	<20	P 2	
157	100 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00100	610HS	VS7- 0.82	0.65		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00100	610HS	BW2+ 1.98	0.53		0	<20	P 2	
159	100 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00101	610HS	04C+ 0.78	0.34		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00101	610HS	03C- 0.96	0.48		0	<20	P 2	
84	101 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00168	610HS	07H+ 26.53	3.25		6	BLI	P 1	
104	101 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00037	610HS	BW1+ 1.83	0.52		0	<20	P 2	
114	101 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00318	580HP	BW1+ 2.22	0.35		0	<20	P 2	
118	101 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00095	610HS	VS6+ 12.28	2.33		24	BLI	P 1	
120	101 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	08H+ 0.47	0.77		0	23	P 2	
132	101 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00405	580HP	BW1+ 1.75	0.39		0	<20	P 2	
152	101 04/95	H 05H-06H 05H-06H	H	05H-06H	05H-06H	1	00575	600HP	05H+ 27.82	0.29		0.2	SVI	P 2	
158	101 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00101	610HS	BW2+ 1.76	0.53		0	<20	P 2	
115	102 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00037	610HS	VS2+ 0.72	0.69		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00316	580HP	VS2+ 0.98	0.93		0	21	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00037	610HS	VS3- 0.75	1.01		0	24	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00316	580HP	VS3- 0.66	1.44		0	28	P 2	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00037	610HS	VS3+ 0.87	0.78		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00316	580HP	VS3+ 1.05	1.10		0	24	P 2	
123	102 04/95	H 07H-VS2 07H-VS3	H	07H-VS2	07H-VS3		00406	580HP	08H+ 41.18	0.41		3.7	MAI	P 3	
	04/95	H 07H-VS2 07H-VS3	H	07H-VS2	07H-VS3		00406	580HP	09H+ 11.50	0.53		8.5	MAI	P 3	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	VS1+ 0.72	0.15		0	<20	P 2	
139	102 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	BW1- 1.94	0.32		0	<20	P 2	
141	102 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00405	580HP	BW1- 1.75	0.37		0	<20	P 2	
157	102 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00100	610HS	BW2+ 2.00	0.38		0	<20	P 2	
112	103 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00037	610HS	07H+ 1.05	0.24		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00319	580HP	07H+ 0.87	0.30		0	<20	P 2	
114	103 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00316	580HP	08H+ 0.99	0.46		0	<20	P 2	
118	103 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	08H+ 0.95	0.43		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00392	580HP	08H+ 0.84	0.49		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00392	580HP	09H+ 0.13	1.28		0	28	P 2	
122	103 04/95	H 07H-VS2 07H-VS2	H	07H-VS2	07H-VS2		00517	580HP	08H+ 42.00	0.73		5.2	MAI	P 3	
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	09H+ 0.93	0.50		0	<20	P 2	
	04/95	H 07H-VS2 07H-VS2	H	07H-VS2	07H-VS2		00517	580HP	09H+ 1.05	0.35		0	<20	P 2	
	04/95	H 07H-VS2 07H-VS2	H	07H-VS2	07H-VS2		00517	580HP	BW1+ 1.73	0.54		1.8	MAI	P 3	
130	103 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00396	580HP	BW1+ 0.32	0.21		0	<20	P 2	
142	103 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00402	580HP	BW1+ 1.93	0.29		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00402	580HP	VS1+ 0.23	0.14		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00402	580HP	VS3+ 0.40	0.64		0	<20	P 2	
146	103 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	VS1- 0.49	0.62		0	<20	P 2	
	04/95	H 07H-VS3 06H-VS3	H	07H-VS3	06H-VS3		00402	580HP	VS3+ 0.99	0.72		0	<20	P 2	
150	103 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00094	610HS	BW1+ 1.97	0.34		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00403	580HP	BW1+ 1.86	0.36		0	<20	P 2	

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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 DATE: 08/17/95
 TIME: 08:37:56

ROW	EXAM LIN	DATE	LEG	PROGRAM	EXAM EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
		04/95	C	TEC-TEH	TEC-TEH		00094	610HS	VS1-	0.79	1.27		0	30	P 2
		04/95	H	07H-VS3	07H-VS3		00403	580HP	VS1-	1.15	2.09		0	35	P 2
152	103	04/95	C	TEC-TEH	TEC-TEH		00095	610HS	VS1-	0.76	0.59		0	<20	P 2
154	103	04/95	C	TEC-TEH	TEC-TEH		00094	610HS	BW2+	1.75	0.33		0	<20	P 2
156	103	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	VS3+	0.87	0.48		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00100	610HS	BW2+	1.89	0.61		0	<20	P 2
51	104	04/95	H	TSH-TSH	TSH-TSH		00025	600HP	TSH+	0.09	0.41		63	SCI	P 4
		04/95	H	TSH-TSH	TSH-TSH		00025	600HP	TSH+	0.09			0.3	SCI	P 4
119	104	04/95	C	TEC-TEH	TEC-TEH		00094	610HS	08H+	0.85	0.19		0	<20	P 2
		04/95	H	07H-VS3	06H-VS3		00392	580HP	09H-	0.12	0.54		0	<20	P 2
		04/95	H	07H-VS3	06H-VS3		00392	580HP	09H+	0.83	0.49		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00094	610HS	BW1+	1.88	0.49		0	<20	P 2
		04/95	H	07H-VS3	06H-VS3		00392	580HP	BW1+	1.91	1.29		0	28	P 2
127	104	04/95	H	03H-04H	03H-04H	1	00575	600HP	03H+	31.40	0.19		0.2	SVI	P 2
159	104	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	BW2-	1.77	0.37		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00101	610HS	BW2+	2.11	0.26		0	<20	P 2
36	105	04/95	H	BW1-BW1	BW1-BW1		00050	580HP	BW1+	1.48	0.31		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00167	610HS	BW1+	2.02	0.33		0	<20	P 2
114	105	04/95	C	TEC-TEH	TEC-TEH		00038	610HS	BW1+	1.74	0.85		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00316	580HP	BW1+	1.92	0.84		0	22	P 2
120	105	04/95	C	TEC-TEH	TEC-TEH		00095	610HS	08H+	1.00	0.27		0	<20	P 2
122	105	04/95	H	07H-VS2	07H-VS3		00386	580HP	VS1+	0.92	0.37		0	<20	P 2
126	105	04/95	C	TEC-TEH	TEC-TEH		00094	610HS	09H+	0.89	0.33		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00392	580HP	VS1-	0.93	0.24		0	<20	P 2
128	105	04/95	H	07H-VS3	07H-VS3		00393	580HP	09H-	0.47	0.51		0	<20	P 2
130	105	04/95	H	07H-VS3	07H-VS3		00386	580HP	BW1+	2.76	0.21		0.5	SAI	P 2
140	105	04/95	C	TEC-TEH	TEC-TEH		00095	610HS	VS1-	0.43	0.49		0	<20	P 2
144	105	04/95	C	TEC-TEH	TEC-TEH		00095	610HS	VS1-	0.59	0.77		0	<20	P 2
148	105	04/95	C	TEC-TEH	TEC-TEH		00095	610HS	VS1-	0.58	0.91		0	<20	P 2
150	105	04/95	C	TEC-TEH	TEC-TEH		00094	610HS	BW1+	2.03	0.29		0	<20	P 2
		04/95	H	07H-VS3	07H-BW1		00393	580HP	BW1+	2.01	0.57		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00094	610HS	VS3-	0.91	0.43		0	<20	P 2
		04/95	H	07H-VS3	VS1-VS3		00393	580HP	VS3-	0.88	0.70		0	<20	P 2
156	105	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	BW1+	2.25	0.48		0	<20	P 2
		04/95	H	BW1-BW1	BW1-BW1		00567	600HP	BW1+	1.97	1.18		0	22	P 2
158	105	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	BW2+	1.98	0.50		0	<20	P 2
37	106	04/95	C	TEC-TEH	TEC-TEH		00165	610HS	VS4-	0.89	0.35		0	<20	P 2
109	106	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	VS2-	0.17	0.50		0	<20	P 2
117	106	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	09H+	1.37	1.84		0	34	P 2
		04/95	H	07H-VS3	07H-VS3		00317	580HP	09H+	1.38	1.65		0	32	P 2
		04/95	H	07H-VS3	07H-VS3		00317	580HP	BW1+	1.21	0.45		1.8	SAI	P 3
123	106	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS1+	0.68	0.45		0	<20	P 2
127	106	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	02H+	0.71	0.32		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00092	610HS	09H+	0.99	0.53		0	<20	P 2
		04/95	H	07H-VS3	07H-VS5		00392	580HP	09H+	0.85	0.61		0	<20	P 2



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM LIN	DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	CH	CHNG
151	106	04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.96	0.16	0	<20	P 2
110	107	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	08H+	0.87	0.51	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00318	580HP	08H+	0.97	0.41	0	<20	P 2
118	107	04/95	H	07H-VS3	07H-VS3		00380	580HP	08H-	0.69	0.37	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00092	610HS	08H+	0.92	0.47	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00380	580HP	08H+	0.52	0.62	0	<20	P 2
124	107	04/95	H	07H-VS2	07H-VS2		00380	580HP	09H-	0.90	0.65	0	<20	P 2
		04/95	H	07H-VS2	07H-VS2		00380	580HP	09H+	0.79	0.35	0	<20	P 2
		04/95	H	07H-VS2	07H-VS2		00380	580HP	VS1+	0.83	0.38	0	<20	P 2
126	107	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	09H+	0.92	0.31	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00377	580HP	09H+	0.76	0.71	0	20	P 2
130	107	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	08H+	0.75	0.39	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00377	580HP	08H+	0.93	0.53	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00377	580HP	09H+	0.98	0.60	0	<20	P 2
146	107	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS3-	0.74	0.98	0	25	P 2
		04/95	H	07H-VS3	07H-VS3		00393	580HP	VS3-	0.90	0.87	0	20	P 2
156	107	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	VSS+	0.90	0.25	0	<20	P 2
77	108	04/95	C	TEC-TEH	TEC-TEH		00165	610HS	07H+	36.52	7.31	8	BLI	P 1
111	108	04/95	H	07H-VS3	07H-VS3		00318	580HP	BW1+	1.82	0.66	0	<20	P 2
119	108	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	09H+	0.83	0.27	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00380	580HP	09H+	0.97	0.39	0	<20	P 2
143	108	04/95	H	07H-VS3	08H-VS3		00382	580HP	BW1-	1.58	0.21	0	<20	P 2
157	108	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	09C-	1.08	0.44	0	<20	P 2
112	109	04/95	H	02H-03H	02H-03H	1	00575	600HP	02H+	35.99	0.49	0.2	SVI	P 2
124	109	04/95	H	07H-VS2	07H-VS2		00377	580HP	08H+	0.99	0.62	0	<20	P 2
146	109	04/95	H	07H-VS3	08H-VS3		00382	580HP	VS1+	0.86	0.65	0	<20	P 2
156	109	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	BW2+	1.77	0.29	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00101	610HS	04C-	0.95	0.45	0	<20	P 2
107	110	04/95	H	07H-VS3	07H-VS3		00154	580HP	08H-	0.92	0.45	0	<20	P 2
115	110	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	BW1-	2.16	0.32	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00316	580HP	BW1-	2.00	0.61	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00035	610HS	BW1+	1.98	0.56	0	<20	P 2
		04/95	H	07H-VS3	07H-VS3		00316	580HP	BW1+	2.00	0.98	0	22	P 2
155	110	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	BW2-	2.05	0.38	0	<20	P 2
157	110	04/95	C	TEC-TEH	TEC-TEH		00101	610HS	BW2+	2.01	0.60	0	<20	P 2
38	111	04/95	C	TEC-TEH	TEC-TEH		00013	610HS	VS4-	0.97	0.47	0	<20	P 2
108	111	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	08H+	0.97	0.46	0	<20	P 2
114	111	04/95	H	07H-VS3	07H-VS3		00316	580HP	08H+	0.96	0.46	0	<20	P 2
132	111	04/95	H	07H-VS3	07H-VS3		00377	580HP	VS1-	0.60	0.39	0	<20	P 2
136	111	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS1-	0.65	0.40	0	<20	P 2
154	111	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	VS7-	0.74	0.78	0	20	P 2
156	111	04/95	H	BW1-BW1	BW1-BW1	1	00583	600PP	BW1+	1.25	0.21	0	<20	P 2
119	112	04/95	H	07H-VS3	07H-VS3		00373	580HP	BW1+	1.28	0.68	0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+	1.88	0.43	0	<20	P 2
157	112	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	BW1+	1.99	0.57	0	<20	P 2



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 24 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	LIN	EXAM DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
		04/95	H	BW1-BW1	BW1-BW1	1	00610	580PP	BW1+	1.84	0.62	0	<20	P 2	
82	113	04/95	C	TEC-TEH	TEC-TEH		00156	610HS	06C+	25.65	0.28	129	33	1	
90	113	04/95	C	TEC-TEH	TEC-TEH		00036	610HS	VS3+	7.73	5.78	21	BLI	1	
108	113	04/95	C	TEC-TEH	TEC-TEH		00038	610HS	08H+	0.95	0.42	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.72	0.44	0	<20	P 2	
110	113	04/95	C	TEC-TEH	TEC-TEH		00036	610HS	VS2+	0.91	0.66	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00318	580HP	VS2+	0.73	0.52	0	<20	P 2	
122	113	04/95	H	07H-VS2	07H-VS2		00375	580HP	BW1+	1.85	0.09	0	<20	P 3	
126	113	04/95	H	07H-VS3	07H-VS3		00373	580HP	BW1+	1.39	0.19	0	<20	P 2	
140	113	04/95	H	07H-VS3	07H-VS3		00376	580HP	BW1+	2.11	0.33	0	<20	P 2	
154	113	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	VS7-	0.74	0.57	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00100	610HS	VS7-	0.03	0.61	0	<20	P 2	
156	113	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	BW2+	1.83	0.53	0	<20	P 2	
93	114	04/95	H	TEH-TSH	TEH-TSH		00146	600HP	TSH-	0.68	0.68	0.4	MAX	P 2	
		04/95	H	TEH-TSH	TEH-TSH		00146	600HP	TSH-	0.63	0.23	0.3	MAX	P 2	
105	114	04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.77	0.95	0.2	SVI	P 2	
109	114	04/95	C	TEC-TEH	TEC-TEH		00036	610HS	08H+	0.88	0.50	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.79	0.37	0	<20	P 2	
115	114	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	BW1+	1.99	0.56	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00316	580HP	BW1+	1.90	0.58	0	<20	P 2	
117	114	04/95	C	TEC-TEH	TEC-TEH		00093	610HS	09H+	0.00	0.37	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00317	580HP	09H+	0.06	0.51	0	<20	P 2	
119	114	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+	1.93	0.39	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00373	580HP	BW1+	1.99	0.38	0	<20	P 2	
125	114	04/95	H	07H-VS2	07H-VS2		00376	580HP	09H-	0.18	0.35	0	<20	P 2	
131	114	04/95	H	07H-VS3	07H-VS3		00375	580HP	BW1+	2.01	0.38	0	<20	P 2	
78	115	04/95	C	TEC-TEH	TEC-TEH		00181	610HS	02H+	28.81	2.85	11	BLI	1	
110	115	04/95	H	07H-VS3	07H-VS3		00308	580HP	08H-	0.06	0.44	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00308	580HP	08H+	0.77	0.52	0	<20	P 2	
116	115	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	09H-	1.09	0.79	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00317	580HP	09H-	1.02	0.69	0	<20	P 2	
126	115	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1-	2.03	0.25	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	BW1-	1.94	0.38	0	<20	P 2	
132	115	04/95	H	07H-VS3	07H-VS3		00365	580HP	BW1+	1.78	0.61	0	<20	P 2	
134	115	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS1+	0.70	0.66	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	VS1+	0.75	0.84	0	<20	P 2	
136	115	04/95	C	TEC-TEH	TEC-TEH		00093	610HS	VS1+	0.90	0.63	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00359	580HP	VS1+	1.10	0.40	0	<20	P 2	
146	115	04/95	C	07C-08C	07C-08C	1	00235	600HP	07C+	24.70	0.36	0.2	SVI	P 2	
103	116	04/95	C	TEC-TEH	TEC-TEH		00036	610HS	BW1+	1.75	0.24	0	<20	P 2	
105	116	04/95	C	TEC-TEH	TEC-TEH		00035	610HS	08H+	0.76	0.24	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.80	0.19	0	<20	P 2	
109	116	04/95	C	TEC-TEH	TEC-TEH		00034	610HS	BW1+	1.98	0.72	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00035	610HS	BW1+	1.93	0.75	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.80	0.29	0	<20	P 2	

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 25 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
113	116	04/95	H	07H-VS3	07H-VS3		00309	580HP	08H- 1.11	0.56		0	<20	P 2	
115	116	04/95	H	07H-VS3	07H-VS3		00308	580HP	08H+ 0.88	0.74		0	<20	P 2	
117	116	04/95	C	TEC-TEH	TEC-TEH		00093	610HS	09H- 0.98	1.11		0	22	P 2	
		04/95	H	07H-VS3	07H-VS3		00309	580HP	09H- 1.20	1.35		0	26	P 2	
119	116	04/95	H	07H-VS3	07H-VS3		00367	580HP	BW1- 1.74	0.26		0	<20	P 2	
127	116	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+ 1.94	0.31		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00367	580HP	BW1+ 1.67	0.77		0	<20	P 2	
131	116	04/95	H	07H-VS3	07H-VS3		00366	580HP	08H+ 0.98	0.43		0	<20	P 2	
139	116	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+ 1.97	0.18		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	BW1+ 1.92	0.34		0	<20	P 2	
147	116	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+ 1.98	0.30		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	BW1+ 1.92	0.45		0	<20	P 2	
151	116	04/95	H	VS1-VS1	VS1-VS1		00548	580HP	VS1- 0.10	0.55		0	<20	P 2	
80	117	04/95	C	TEC-TEH	TEC-TEH		00155	610HS	VS5+ 2.33	2.76		11	BLI	P 1	
102	117	04/95	H	08H-08H	08H-08H		00559	600HP	08H- 0.95	0.32		0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+ 0.88	0.30		0	<20	P 2	
106	117	04/95	H	08H-08H	08H-08H		00559	600HP	08H+ 0.80	0.34		0	<20	P 2	
108	117	04/95	C	TEC-TEH	TEC-TEH		00033	610HS	BW1+ 1.96	0.50		0	<20	P 2	
114	117	04/95	H	07H-VS3	07H-VS3		00310	580HP	BW1+ 1.73	0.34		0	<20	P 2	
120	117	04/95	H	07H-VS3	06H-VS3		00365	580HP	BW1- 2.09	0.88		0	20	P 2	
146	117	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+ 1.92	0.35		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	BW1+ 2.01	0.51		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	VS1- 0.64	0.44		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	VS1+ 0.14	0.39		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS1+ 0.79	0.46		0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	VS1+ 0.89	0.45		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00092	610HS	VS3- 0.82	1.16		0	26	P 2	
		04/95	H	07H-VS3	07H-VS3		00366	580HP	VS3- 0.84	1.73		0	31	P 2	
150	117	04/95	C	TEC-TEH	TEC-TEH		00092	610HS	BW1+ 1.86	0.32		0	<20	P 2	
14	119	04/95	C	TEC-TEH	TEC-TEC		00183	610HS					OBS		
70	119	04/95	H	VS3-VS3	VS3-VS3		00050	580HP	VS3- 0.92	0.51		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00155	610HS	VS3- 0.57	0.42		0	<20	P 2	
76	119	04/95	C	TEC-TEH	TEC-TEH		00155	610HS	VS5- 0.72	0.49		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00155	610HS	VS5+ 0.90	0.35		0	<20	P 2	
108	119	04/95	C	TEC-TEH	TEC-TEH		00033	610HS	08H+ 0.82	0.56		0	<20	P 2	
110	119	04/95	H	07H-VS3	07H-VS3		00308	580HP	08H+ 0.82	0.50		0	<20	P 2	
118	119	04/95	H	07H-VS3	07H-VS3		00361	580HP	BW1- 2.00	0.36		0	<20	P 2	
138	119	04/95	H	07H-VS3	VS1-VS3		00511	580HP	VS1- 0.94	0.16		0	<20	P 2	
144	119	04/95	H	07H-VS3	07H-VS3		00362	580HP	09H- 0.16	0.44		0	<20	P 2	
146	119	04/95	H	07H-VS3	07H-VS3		00361	580HP	BW1+ 1.73	0.51		0	<20	P 2	
154	119	04/95	C	TEC-TEH	TEC-TEH		00100	610HS	07C- 0.46	0.62		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00100	610HS	06C- 0.18	0.43		0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00100	610HS	05C- 1.02	1.92		0	35	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00100	610HS	03C- 0.86	1.18		0	27	P 2	
99	120	04/95	H	07H-VS3	07H-VS3		00154	580HP	07H- 0.07	0.52		0	<20	P 2	



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 26 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
	04/95	H 07H-VS3 07H-VS3					00154	580HP 08H+	0.71	0.31		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00154	580HP BW1+	0.91	0.47		0	<20	P 2	
103	120 04/95	H 07H-VS3 07H-VS3					00154	580HP 08H+	0.42	0.30		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00033	610HS 08H+	0.82	0.46		0	<20	P 2	
105	120 04/95	H 07H-VS3 07H-VS3					00243	580HP BW1+	1.77	0.57		0	<20	P 2	
107	120 04/95	C TEC-TEH TEC-TEH					00033	610HS 08H+	0.92	0.76		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00154	580HP 08H+	0.58	0.66		0	<20	P 2	
117	120 04/95	H 07H-VS3 06H-VS3					00311	580HP BW1+	1.99	0.60		0	<20	P 2	
123	120 04/95	C TEC-TEH TEC-TEH					00090	610HS 09H+	0.03	0.32		0	<20	P 2	
	04/95	H 07H-VS2 07H-VS3					00361	580HP 09H+	0.11	0.50		0	<20	P 2	
125	120 04/95	H 07H-VS2 07H-VS2					00362	580HP BW1+	1.85	0.29		0	<20	P 2	
141	120 04/95	C 07C-08C 07C-08C	1				00235	600HP 07C+	29.58	0.29		0.2	SVI	P 2	
151	120 04/95	C TEC-TEH TEC-TEH					00100	610HS 04C-	0.15	0.86		0	22	P 2	
	04/95	C TEC-TEH TEC-TEH					00100	610HS 04C-	0.96	0.74		0	<20	P 2	
80	121 04/95	C TEC-TEH TEC-TEH					00155	610HS VS3-	0.77	0.81		0	21	P 2	
	04/95	H VS3-VS3 BW1-VS3					00551	580HP VS3-	0.99	0.67		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00155	610HS VS5+	0.86	0.97		0	23	P 2	
96	121 04/95	C TEC-TEH TEC-TEH					00033	610HS 08H+	0.99	0.39		0	<20	P 2	
98	121 04/95	H 08H-08H 08H-08H					00559	600HP 08H+	0.74	0.38		0.2	SVI	P 2	
102	121 04/95	C TEC-TEH TEC-TEH					00034	610HS 08H+	0.79	0.45		0	<20	P 2	
	04/95	H 08H-08H 08H-08H					00559	600HP 08H+	0.98	0.42		0	<20	P 2	
104	121 04/95	H 08H-08H 08H-08H					00559	600HP 08H-	0.11	0.41		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00033	610HS 08H+	0.98	0.59		0	<20	P 2	
	04/95	H 08H-08H 08H-08H					00559	600HP 08H+	0.95	0.61		0	<20	P 2	
106	121 04/95	H 08H-08H 08H-08H					00572	580HP 08H+	0.98	0.25		0	<20	P 2	
108	121 04/95	C TEC-TEH TEC-TEH					00033	610HS 08H+	0.98	0.69		0	<20	P 2	
	04/95	H 08H-08H 08H-08H					00559	600HP 08H+	0.91	0.80		0	<20	P 2	
114	121 04/95	C TEC-TEH TEC-TEH					00033	610HS BW1+	1.88	0.34		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00310	580HP BW1+	1.73	0.42		0	<20	P 2	
118	121 04/95	H 07H-VS3 07H-VS3					00351	580HP 08H+	0.86	0.25		0	<20	P 2	
130	121 04/95	H 07H-VS3 07H-VS3					00351	580HP 09H-	0.94	0.46		0	<20	P 2	
	04/95	C TEC-TEH TEC-TEH					00091	610HS VS1+	0.75	0.41		0	<20	P 2	
	04/95	H 07H-VS3 07H-VS3					00351	580HP VS1+	0.65	1.01		0	21	P 2	
144	121 04/95	H 07H-VS3 07H-VS3					00354	580HP BW1+	2.14	0.27		0	<20	P 2	
148	121 04/95	H 07H-VS3 07H-VS3					00351	580HP BW1+	1.91	0.30		0	<20	P 2	
152	121 04/95	C TEC-TEH TEC-TEH					00100	610HS VS5-	1.00	1.02		0	24	P 2	
	04/95	C TEC-TEH TEC-TEH					00100	610HS BW2+	1.75	0.74		0	<20	P 2	
81	122 04/95	C TEC-TEH TEC-TEH					00155	610HS VS3+	0.86	0.86		0	<20	P 2	
	04/95	H VS3-VS3 BW1-VS3					00551	580HP VS3+	1.06	0.52		0	<20	P 2	
101	122 04/95	C TEC-TEH TEC-TEH					00038	610HS 08H+	0.98	0.48		0	<20	P 2	
109	122 04/95	C TEC-TEH TEC-TEH					00034	610HS 06H+	35.41	6.37		10	BLI	P 1	
115	122 04/95	C TEC-TEH TEC-TEH					00033	610HS BW1+	1.98	0.81		0	20	P 2	
	04/95	H 07H-VS3 06H-VS3					00310	580HP BW1+	1.79	0.67		0	<20	P 2	
133	122 04/95	C 02C-03C 02C-03C	1				00235	600HP 02C+	7.47	0.37		0.2	SVI	P 2	
145	122 04/95	H 07H-VS3 07H-VS3					00506	580HP BW1+	2.00	0.34		0	<20	P 2	



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:37:56

ROW	LIN	EXAM DATE	LEG	PROGRAM	EXAM EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
147	122	04/95	H	07H-VS3	07H-VS3			00347	580HP	BW1+	2.02	0.31		0	<20	P 2
149	122	04/95	C	TEC-TEH	TEC-TEH			00100	610HS	BW2+	1.75	0.36		0	<20	P 2
102	123	04/95	H	08H-08H	08H-08H			00559	600HP	08H-	1.00	0.30		0	<20	P 2
		04/95	H	08H-08H	08H-08H			00559	600HP	08H-	0.12	0.29		0	<20	P 2
		04/95	H	08H-08H	08H-08H			00559	600HP	08H+	0.64	0.47		0	<20	P 2
112	123	04/95	C	TEC-TEH	TEC-TEH			00033	610HS	08H+	0.93	0.42		0	<20	P 2
120	123	04/95	H	07H-VS3	07H-VS3			00339	580HP	09H+	0.84	0.24		0	<20	P 2
146	123	04/95	H	07H-VS3	07H-VS3			00348	580HP	BW1+	1.75	0.22		0	<20	P 2
152	123	04/95	C	TEC-TEH	TEC-TEH			00100	610HS	VS1+	0.91	0.48		0	<20	P 2
		04/95	H	VS1-VS1	VS1-VS1			00548	580HP	VS1+	0.99	0.69		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00100	610HS	03C+	0.61	0.32		0	<20	P 2
93	124	04/95	H	TEH-TSH	TEH-TSH			00146	600HP	TSH-	1.17	0.36		0.2	MAI	P 2
		04/95	H	TEH-TSH	TEH-TSH			00146	600HP	TSH-	0.43	0.40		0.3	MAI	P 2
		04/95	H	TEH-TSH	TEH-TSH			00146	600HP	TSH-	0.35	0.37		0.4	MAI	P 2
99	124	04/95	C	TEC-TEH	TEC-TEH			00033	610HS	08H+	0.98	0.60		0	<20	P 2
		04/95	H	08H-08H	08H-08H			00559	600HP	08H+	0.93	0.63		0	<20	P 2
101	124	04/95	H	BW1-BW1	BW1-BW1			00558	580HP	BW1+	1.85	0.26		0	<20	P 2
103	124	04/95	C	TEC-TEH	TEC-TEH			00033	610HS	08H+	1.00	0.50		0	<20	P 2
		04/95	H	08H-08H	08H-08H			00559	600HP	08H+	0.95	0.74		0	<20	P 2
105	124	04/95	H	07H-VS3	07H-VS3	3		00600	580HP	08H+	0.83	0.54		0	<20	P 2
109	124	04/95	C	TEC-TEH	TEC-TEH			00034	610HS	VS2+	0.89	0.55		0	<20	P 2
		04/95	H	VS2-VS2	VS2-VS2			00548	580HP	VS2+	0.92	0.89		0	21	P 2
115	124	04/95	H	07H-VS3	07H-VS3			00310	580HP	BW1+	1.85	0.44		0	<20	P 2
127	124	04/95	C	TEC-TEH	TEC-TEH			00088	610HS	BW1+	1.90	0.27		0	<20	P 2
151	124	04/95	C	TEC-TEH	TEC-TEH			00100	610HS	04C-	0.15	0.44		0	<20	P 2
84	125	04/95	C	TEC-TEH	TEC-TEH			00152	610HS	VS5-	0.94	0.43		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00152	610HS	VS5+	0.68	0.43		0	<20	P 2
88	125	04/95	C	TEC-TEH	TEC-TEH			00152	610HS	BW1+	2.21	0.37		0	<20	P 2
		04/95	H	BW1-BW1	BW1-BW1			00558	580HP	BW1+	2.00	0.53		0	<20	P 2
92	125	04/95	C	TEC-TEH	TEC-TEH			00032	610HS	08H-	0.09	0.22		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00032	610HS	08H+	0.96	0.19		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00164	580HP	08H+	0.79	0.22		0	<20	P 2
96	125	04/95	C	TEC-TEH	TEC-TEH			00032	610HS	08H+	0.80	0.74		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00166	580HP	08H+	0.83	0.31		0	<20	P 2
100	125	04/95	C	TEC-TEH	TEC-TEH			00032	610HS	BW1+	2.18	0.95		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00166	580HP	BW1+	1.80	1.12		0	23	P 2
102	125	04/95	C	TEC-TEH	TEC-TEH			00032	610HS	08H+	0.92	0.34		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00163	580HP	08H+	0.74	0.59		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00032	610HS	BW1+	1.87	0.34		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00163	580HP	BW1+	1.81	0.41		0	<20	P 2
104	125	04/95	C	TEC-TEH	TEC-TEH			00032	610HS	08H+	0.80	0.18		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00164	580HP	08H+	0.66	0.26		0	<20	P 2
114	125	04/95	H	07H-VS3	07H-VS3			00310	580HP	BW1+	1.30	0.43		0	<20	P 2
		04/95	C	TEC-TEH	TEC-TEH			00032	610HS	BW1+	1.99	0.53		0	<20	P 2
		04/95	H	07H-VS3	07H-VS3			00310	580HP	BW1+	2.09	1.01		0.2	SVI	P 2



CUMULATIVE REPORT
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STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
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ROW	EXAM LIN	DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
140	125	04/95	H	07H-VS3	07H-VS3		00327	580HP	BW1+	1.68	0.74	0	<20	P 2	
148	125	04/95	H	07H-VS3	07H-VS3		00328	580HP	BW1+	2.06	0.22	0	<20	P 2	
33	126	04/95	H	01H-02H	01H-02H	1	00051	600HP	01H-	0.17	0.46	0.8	SAI	P 2	
		04/95	C	TEC-TEH	TEC-TSH		00006	610HS	01H+	10.86	0.35	124	34	1	
		04/95	H	01H-02H	01H-02H	1	00051	600HP	01H+	10.96	0.16	0.2	SVI	P 2	
95	126	04/95	C	TEC-TEH	TEC-TEH		00032	610HS	08H+	1.05	0.47	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.86	0.50	0	<20	P 2	
97	126	04/95	C	TEC-TEH	TEC-TEH		00032	610HS	08H+	0.61	1.14	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.91	0.82	0	<20	P 2	
99	126	04/95	H	08H-08H	07H-08H		00559	600HP	08H-	0.87	0.30	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00032	610HS	08H+	0.00	0.42	0	<20	P 2	
		04/95	H	08H-08H	07H-08H		00559	600HP	08H-	0.15	0.47	0	<20	P 2	
		04/95	H	08H-08H	07H-08H		00559	600HP	08H+	0.50	0.51	0	<20	P 2	
101	126	04/95	C	TEC-TEH	TEC-TEH		00031	610HS	08H+	0.97	1.27	0	28	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.80	0.52	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00031	610HS	03C+	10.64	2.52	17	BLI	1	
		04/95	C	01C-02C	01C-02C	1	00235	600HP	01C+	24.05	0.38	0.2	SVI	P 2	
103	126	04/95	C	TEC-TEH	TEC-TEH		00040	610HS	BW1+	1.78	0.67	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.88	0.56	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TSH		00032	610HS	01C+	18.16	17.60	5	BLI	P 1	
		04/95	C	TEC-TEH	TEC-TEH		00040	610HS	01C+	18.31	16.30	14	BLI	1	
		04/95	C	TEC-TEH	TEC-TSH		00032	610HS	01C+	15.86	14.37	9	BLI	P 1	
		04/95	C	TEC-TEH	TEC-TEH		00040	610HS	01C+	15.74	11.58	19	BLI	1	
113	126	04/95	H	07H-VS3	07H-VS3		00181	580HP	08H+	1.04	0.25	0	<20	P 2	
117	126	04/95	C	TEC-TEH	TEC-TEH		00097	610HS	VS2-	0.99	0.21	0	<20	P 2	
119	126	04/95	H	07H-VS3	07H-VS3		00250	580HP	BW1+	1.76	0.30	0	<20	P 2	
123	126	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	BW1+	2.12	0.64	0	<20	P 2	
84	127	04/95	C	TEC-TEH	TEC-TEH		00152	610HS	VS3+	0.93	0.44	0	<20	P 2	
		04/95	H	VS3-VS3	VS3-VS3		00548	580HP	VS3+	0.52	0.29	0	<20	P 2	
94	127	04/95	H	08H-08H	08H-08H		00559	600HP	08H+	1.14	0.64	0	<20	P 2	
96	127	04/95	C	BW2-BW2	BW2-BW2	1	00235	600HP	BW2-	0.04	0.31	0.2	SVI	P 2	
98	127	04/95	C	TEC-TEH	TEC-TEH		00030	610HS	08H-	0.12	0.51	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H-	0.14	0.36	0	<20	P 2	
102	127	04/95	H	07H-VS3	07H-VS3	3	00600	580HP	08H+	0.81	0.34	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00030	610HS	BW1+	1.75	0.46	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.86	0.90	0	<20	P 2	
104	127	04/95	H	07H-VS3	07H-VS3	3	00600	580HP	BW1-	1.68	0.43	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00032	610HS	BW1+	2.15	0.47	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3	3	00600	580HP	BW1+	1.78	0.63	0	<20	P 2	
108	127	04/95	C	TEC-TEH	TEC-TEH		00032	610HS	08H+	0.76	0.22	0	<20	P 2	
110	127	04/95	H	07H-VS3	07H-VS3		00180	580HP	VS2-	1.14	0.28	0	<20	P 2	
112	127	04/95	C	TEC-TEH	TEC-TEH		00032	610HS	05C+	13.02	8.93	11	BLI	P 1	
116	127	04/95	H	07H-VS3	07H-VS3		00181	580HP	09H+	1.12	0.27	0	<20	P 2	
120	127	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	BW1+	1.75	0.21	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00304	580HP	BW1+	1.77	0.55	0	<20	P 2	



1972
1973
1974
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STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	EXAM	EXAM EXTENT	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	†	CH	CHNG
130	127 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00304	580HP BW1+	1.92	0.23		0 <20 P 2			
134	127 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00097	610HS BW1+	1.89	0.28		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00304	580HP BW1+	1.86	0.44		0 <20 P 2			
142	127 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00304	580HP BW1+	2.07	0.70		0 <20 P 2			
146	127 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00100	610HS VS5-	0.75	0.34		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00100	610HS BW2+	1.75	0.30		0 <20 P 2			
79	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00151	610HS VS3+	0.79	0.63		0 <20 P 2			
	04/95	H VS3-VS3 VS3-VS3	H	VS3-VS3	VS3-VS3		00548	580HP VS3+	1.00	0.47		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00151	610HS VS5-	0.85	1.08		0 <20 P 2			
87	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00151	610HS 08H+	1.09	0.36		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00151	610HS VS2-	0.90	0.25		0 <20 P 2			
	04/95	H VS2-VS2 VS2-VS2	H	VS2-VS2	VS2-VS2		00548	580HP VS2-	0.91	0.71		0 <20 P 2			
89	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00151	610HS BW1-	2.14	0.40		0 <20 P 2			
	04/95	H BW1-BW1 08H-BW1	H	BW1-BW1	08H-BW1		00558	580HP BW1-	1.84	0.58		0 <20 P 2			
	04/95	H BW1-BW1 08H-BW1	H	BW1-BW1	08H-BW1		00558	580HP BW1+	1.37	0.41		0 <20 P 2			
93	128 04/95	H BW1-BW1 BW1-BW1	H	BW1-BW1	BW1-BW1		00558	580HP BW1-	1.98	0.79		0 <20 P 2			
95	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00040	610HS 08H+	1.02	0.48		0 <20 P 2			
	04/95	H 08H-08H 08H-08H	H	08H-08H	08H-08H		00559	600HP 08H+	0.60	0.36		0 <20 P 2			
	04/95	C TEC-TEH TEC-VS2	C	TEC-TEH	TEC-VS2		00031	610HS VS2+	0.00			OBS			
101	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00030	610HS 08H+	0.00	0.37		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3 3	H	07H-VS3	07H-VS3 3		00600	580HP 08H-	0.12	0.67		0 <20 P 2			
105	128 04/95	H 07H-VS3 07H-VS3 3	H	07H-VS3	07H-VS3 3		00600	580HP 07H+	0.80	0.62		0 <20 P 2			
	04/95	H BW1-BW1 BW1-BW1	H	BW1-BW1	BW1-BW1		00558	580HP BW1-	1.91	0.44		0 <20 P 2			
109	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00030	610HS 08H+	0.84	0.25		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3 3	H	07H-VS3	07H-VS3 3		00553	580HP 08H+	1.30	0.21		0 <20 P 2			
	04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00030	610HS BW1+	1.98	0.38		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3 3	H	07H-VS3	07H-VS3 3		00553	580HP BW1+	2.18	0.84		0 <20 P 2			
	04/95	H BW1-BW1 BW1-BW1	H	BW1-BW1	BW1-BW1		00558	580HP BW1+	1.89	0.76		0 <20 P 2			
111	128 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00180	580HP VS2-	1.19	0.36		0 <20 P 2			
113	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00030	610HS VS2-	1.12	0.38		0 <20 P 2			
123	128 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00096	610HS BW1+	1.87	0.46		0 <20 P 2			
	04/95	H 07H-VS2 07H-VS3	H	07H-VS2	07H-VS3		00295	580HP BW1+	2.00	1.10		0 24 P 2			
127	128 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00295	580HP BW1+	2.00	0.40		0 <20 P 2			
133	128 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00304	580HP BW1+	1.92	0.17		0 <20 P 2			
92	129 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00040	610HS BW1-	1.99	0.49		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00164	580HP BW1-	2.25	0.42		0 <20 P 2			
104	129 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00166	580HP 08H+	0.78	0.40		0 <20 P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00166	580HP BW1+	2.20	0.53		0 <20 P 2			
108	129 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00166	580HP 08H+	0.87	0.35		0 <20 P 2			
110	129 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00180	580HP 08H+	41.33	0.41		7.6 MAI P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00180	580HP 08H+	40.80	0.19		2.7 MAI P 2			
	04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00180	580HP BW1+	0.72	0.28		0.7 MAI P 2			
112	129 04/95	H 07H-VS3 07H-VS3	H	07H-VS3	07H-VS3		00181	580HP 08H-	0.02	0.52		0 <20 P 2			
122	129 04/95	C TEC-TEH TEC-TEH	C	TEC-TEH	TEC-TEH		00096	610HS BW1+	1.95	0.60		0 <20 P 2			
	04/95	H 07H-VS2 07H-VS2	H	07H-VS2	07H-VS2		00297	580HP BW1+	2.02	0.45		0 <20 P 2			



11-11-11



11-11-11



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 30 OF 47
DATE: 08/17/95
TIME: 08:37:56

ROW	EXAM LIN	DATE	LEG	EXAM EXTENT PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG
134	129	04/95	H	07H-VS3	07H-VS3		00297	580HP	BW1+	1.85	0.55	0	<20	P 2	
138	129	04/95	H	07H-VS3	07H-VS3		00297	580HP	09H-	0.14	0.28	0	<20	P 2	
144	129	04/95	H	07H-VS3	07H-VS3		00297	580HP	BW1+	1.82	0.47	0	<20	P 2	
81	130	04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS3-	0.93	0.69	0	<20	P 2	
		04/95	H	VS3-VS3	VS3-VS3		00548	580HP	VS3-	1.19	0.83	0	20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS5-	0.96	0.28	0	<20	P 2	
85	130	04/95	C	TEC-TEH	TEC-TEH		00150	610HS	08H-	0.92	0.68	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H-	0.84	1.02	0	21	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.83	0.59	0	<20	P 2	
89	130	04/95	C	TEC-TEH	TEC-TEH		00150	610HS	08H+	0.89	1.02	0	23	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.78	0.62	0	<20	P 2	
91	130	04/95	H	07H-VS3	07H-VS3		00166	580HP	08H+	0.08	0.28	0	<20	P 2	
93	130	04/95	C	TEC-TEH	TEC-TEH		00040	610HS	08H+	0.79	0.55	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00163	580HP	08H+	0.77	0.48	0	<20	P 2	
97	130	04/95	H	07H-VS3	07H-VS3		00165	580HP	08H+	0.46	0.54	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00040	610HS	08H+	0.84	0.81	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00040	610HS	VS2-	0.75	0.50	0	<20	P 2	
99	130	04/95	H	07H-VS3	07H-VS3		00166	580HP	BW1+	2.00	0.51	0	<20	P 2	
101	130	04/95	C	TEC-TEH	TEC-TEH		00040	610HS	08H+	0.75	0.50	0	<20	P 2	
111	130	04/95	H	07H-VS3	07H-VS3		00181	580HP	08H-	0.48	0.37	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00181	580HP	08H+	1.01	0.18	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00181	580HP	08H+	40.15	0.37	0.9	MAX	P 3	
		04/95	H	07H-VS3	07H-VS3		00181	580HP	08H+	41.35	0.39	0.6	MAX	P 3	
113	130	04/95	C	TEC-TEH	TEC-TEH		00040	610HS	BW1+	1.75	0.20	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00429	580HP	BW1+	1.63	0.32	0	<20	P 2	
115	130	04/95	H	07H-VS3	07H-VS3		00183	580HP	BW1+	1.93	0.40	0	<20	P 2	
117	130	04/95	H	07H-VS3	07H-VS3		00183	580HP	BW1+	1.29	0.45	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00097	610HS	BW1+	1.76	0.60	0	<20	P 2	
127	130	04/95	C	TEC-TEH	TEC-TEH		00096	610HS	BW1+	2.25	0.36	0	<20	P 2	
		04/95	H	07H-VS3	07H-VS3		00298	580HP	BW1+	2.00	0.71	0	<20	P 2	
141	130	04/95	H	07H-VS3	07H-VS3		00292	580HP	BW1+	2.04	0.63	0	<20	P 2	
44	131	04/95	C	TEC-TEH	TEC-TEH		00004	610HS	07C+	0.66	0.39	0	<20	P 2	
80	131	04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS3+	0.80	0.52	0	<20	P 2	
		04/95	H	VS3-VS3	VS3-VS3		00548	580HP	VS3+	1.08	0.42	0	<20	P 2	
84	131	04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS3-	0.68	1.24	0	26	P 2	
		04/95	H	VS3-VS3	VS3-VS3		00548	580HP	VS3-	0.66	1.25	0	27	P 2	
		04/95	H	VS3-VS3	VS3-VS3		00548	580HP	VS3-	0.10	0.45	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS5-	0.95	0.66	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS5-	0.06	0.62	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00150	610HS	VS5+	0.71	0.41	0	<20	P 2	
86	131	04/95	H	08H-08H	08H-08H		00559	600HP	08H-	0.92	0.47	0	<20	P 2	
		04/95	H	08H-08H	08H-08H		00559	600HP	08H+	0.76	0.29	0	<20	P 2	
98	131	04/95	C	TEC-TEH	TSC-TEH		00025	610HS	BW1+	2.00	0.58	0	<20	P 2	
		04/95	C	TEC-TEH	TEC-TEH		00040	610HS	BW1+	1.88	0.55	0	<20	P 2	
		04/95	H	BW1-BW1	BW1-BW1		00558	580HP	BW1+	1.96	0.65	0	<20	P 2	

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 31 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM
LIN DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | t | CH | CHNG |
|-----|------------------|-----|------------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 104 | 131 04/95 | H | 07H-VS3 | 07H-VS3 | 3 | 00600 | 580HP | VS2- | 0.73 | 0.34 | 0 | <20 | P 2 | |
| 110 | 131 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | VS2- | 0.87 | 0.85 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | VS2- | 0.62 | 1.22 | 0 | 23 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | VS2+ | 0.93 | 0.58 | 0 | <20 | P 2 | |
| 118 | 131 04/95 | H | 07H-VS3 | 06H-VS3 | | 00292 | 580HP | BW1+ | 1.71 | 0.54 | 0 | <20 | P 2 | |
| 120 | 131 04/95 | H | 07H-VS3 | 06H-VS3 | | 00285 | 580HP | BW1+ | 1.85 | 0.40 | 0 | <20 | P 2 | |
| 130 | 131 04/95 | H | 07H-VS3 | 07H-VS3 | | 00288 | 580HP | BW1+ | 1.94 | 0.37 | 0 | <20 | P 2 | |
| 132 | 131 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | BW1+ | 1.76 | 0.27 | 0 | <20 | P 2 | |
| 142 | 131 04/95 | H | 07H-VS3 | 07H-VS3 | | 00292 | 580HP | BW1+ | 1.98 | 0.43 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00292 | 580HP | VS3+ | 0.86 | 0.80 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | 03C- | 1.04 | 0.33 | 0 | <20 | P 2 | |
| 75 | 132 04/95 | C | TEC-TEH | TEC-TEH | | 00151 | 610HS | 08H+ | 1.01 | 1.20 | 0 | 20 | P 2 | |
| | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.88 | 1.15 | 0 | 23 | P 2 | |
| 83 | 132 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H- | 0.11 | 0.81 | 0 | <20 | P 2 | |
| 87 | 132 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.68 | 0.25 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00151 | 610HS | BW1+ | 2.00 | 0.45 | 0 | <20 | P 2 | |
| 97 | 132 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | 08C+ | 0.96 | 0.46 | 0 | <20 | P 2 | |
| 125 | 132 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | BW1+ | 1.82 | 0.23 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS2 | 06H-VS2 | | 00285 | 580HP | BW1+ | 1.78 | 0.59 | 0 | <20 | P 2 | |
| 141 | 132 04/95 | H | 07H-VS3 | 07H-VS3 | | 00285 | 580HP | BW1+ | 1.75 | 0.97 | 0 | <20 | P 2 | |
| 48 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00004 | 610HS | VS4- | 0.53 | 0.40 | 0 | <20 | P 2 | |
| 70 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS3+ | 0.93 | 0.54 | 0 | <20 | P 2 | |
| 72 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ | 0.95 | 0.50 | 0 | <20 | P 2 | |
| | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.71 | 0.65 | 0 | <20 | P 2 | |
| 74 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS5- | 0.84 | 0.27 | 0 | <20 | P 2 | |
| 76 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ | 0.98 | 0.40 | 0 | <20 | P 2 | |
| | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.91 | 0.62 | 0 | <20 | P 2 | |
| 80 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS3- | 0.89 | 0.84 | 0 | 22 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- | 0.74 | 0.74 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS3- | 0.09 | 0.65 | 0 | <20 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- | 0.14 | 0.80 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS5- | 0.80 | 0.36 | 0 | <20 | P 2 | |
| 84 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00150 | 610HS | 08H+ | 0.95 | 0.51 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00150 | 610HS | VS3- | 0.92 | 1.66 | 0 | 31 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- | 0.65 | 1.93 | 0 | 34 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00150 | 610HS | VS3+ | 0.03 | 1.83 | 0 | 32 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- | 0.02 | 1.82 | 0 | 33 | P 2 | |
| 86 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00151 | 610HS | 08H+ | 0.98 | 1.25 | 0 | 20 | P 2 | |
| | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.84 | 1.85 | 0 | 28 | P 2 | |
| 88 | 133 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ | 0.82 | 0.62 | 0 | <20 | P 2 | |
| 94 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | BW1+ | 1.91 | 0.36 | 0 | <20 | P 2 | |
| 100 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS | BW1+ | 1.75 | 0.38 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ | 1.84 | 0.44 | 0 | <20 | P 2 | |
| 102 | 133 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | 08H+ | 0.74 | 0.34 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | VS2- | 1.26 | 0.40 | 0 | <20 | P 2 | |



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 32 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | DATE | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------|-------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| 106 | 133 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP BW1- | 1.58 | 0.31 | | 0 | <20 | P 2 | |
| 108 | 133 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP 08H+ | 0.71 | 0.42 | | 0 | <20 | P 2 | |
| 138 | 133 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00292 | 580HP BW1+ | 1.70 | 0.61 | | 2.1 | SVI | P 2 | |
| 142 | 133 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS VS1- | 0.94 | 0.53 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00288 | 580HP VS1- | 0.78 | 0.53 | | 0 | <20 | P 2 | |
| 144 | 133 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS 03C- | 0.93 | 0.61 | | 0 | <20 | P 2 | |
| 79 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3+ | 0.96 | 0.31 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3+ | 0.88 | 0.25 | | 0 | <20 | P 2 | |
| 81 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS 08H+ | 0.91 | 0.25 | | 0 | <20 | P 2 | |
| 83 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H- | 1.00 | 0.21 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3+ | 0.89 | 0.61 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3+ | 1.01 | 1.07 | | 0 | 24 | P 2 | |
| 85 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS 08H+ | 0.87 | 0.43 | | 0 | <20 | P 2 | |
| 89 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS VS2- | 0.95 | 0.37 | | 0 | <20 | P 2 | |
| 93 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS 08H+ | 0.87 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00172 | 580HP 08H+ | 1.00 | 0.52 | | 0 | <20 | P 2 | |
| 97 | 134 | 04/95 | C | TEC-TEH | TSC-TEH | | 00025 | 610HS 07H- | 1.11 | 0.19 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS 07H- | 1.05 | 0.39 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 07H- | 0.96 | 0.34 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TSC-TEH | | 00025 | 610HS 08H+ | 1.00 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS 08H+ | 0.93 | 0.47 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H+ | 0.89 | 0.49 | | 0 | <20 | P 2 | |
| 101 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00173 | 580HP 08H+ | 0.78 | 0.28 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS BW1+ | 1.90 | 0.42 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00173 | 580HP BW1+ | 1.80 | 0.74 | | 0 | <20 | P 2 | |
| 103 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS 08H- | 0.19 | 0.40 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H- | 0.19 | 0.52 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H+ | 0.86 | 0.64 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP VS2- | 0.89 | 0.45 | | 0 | <20 | P 2 | |
| 107 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP 08H- | 0.45 | 0.62 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP BW1- | 1.97 | 0.49 | | 0 | <20 | P 2 | |
| 113 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP BW1+ | 1.37 | 0.44 | | 0 | <20 | P 2 | |
| 115 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS BW1+ | 1.70 | 0.24 | | 0 | <20 | P 2 | |
| 119 | 134 | 04/95 | C | 08C-09C | 08C-09C | 1 | 00235 | 600HP 08C+ | 38.58 | 0.27 | | 0.2 | SVI | P 2 | |
| 139 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW1+ | 1.88 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00284 | 580HP BW1+ | 1.80 | 0.71 | | 0 | <20 | P 2 | |
| 64 | 135 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1+ | 2.12 | 0.22 | | 0 | <20 | P 2 | |
| 66 | 135 | 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP 08H+ | 0.95 | 0.23 | | 0 | <20 | P 2 | |
| 72 | 135 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 0.99 | 0.30 | | 0 | <20 | P 2 | |
| 76 | 135 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 0.79 | 0.58 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP 08H+ | 0.84 | 0.56 | | 0 | <20 | P 2 | |
| 78 | 135 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS 08H+ | 1.00 | 0.36 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00572 | 580HP 08H+ | 0.88 | 0.50 | | 0 | <20 | P 2 | |
| 80 | 135 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 1.00 | 0.42 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP 08H+ | 0.84 | 0.46 | | 0 | <20 | P 2 | |



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 33 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----------|--------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-----------|---|----|------|
| 82 | 135 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.92 | 0.33 | | 0 <20 P 2 | | | |
| 88 | 135 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.95 | 0.82 | | 0 22 P 2 | | | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP BW1+ | 1.96 | 0.90 | | 0 <20 P 2 | | | |
| 90 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00173 | 580HP BW1+ | 2.00 | 0.59 | | 0 <20 P 2 | | | |
| 92 | 135 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00024 | 610HS 08H+ | 0.83 | 0.35 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H+ | 0.98 | 0.79 | | 0 20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP BW1+ | 1.83 | 0.36 | | 0 <20 P 2 | | | |
| 94 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00171 | 580HP 08H- | 0.35 | 0.32 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TSC-TEH | C | TEC-TEH | TSC-TEH | | 00025 | 610HS 08H+ | 1.00 | 0.84 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00040 | 610HS 08H+ | 1.12 | 0.80 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00171 | 580HP 08H+ | 0.84 | 0.64 | | 0 <20 P 2 | | | |
| 96 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00172 | 580HP BW1+ | 1.75 | 0.34 | | 0 <20 P 2 | | | |
| 100 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H+ | 0.86 | 0.36 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP BW1+ | 1.76 | 0.61 | | 0 <20 P 2 | | | |
| 102 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP 08H- | 0.15 | 0.42 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP BW1+ | 1.74 | 0.30 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP VS2- | 0.98 | 0.50 | | 0 <20 P 2 | | | |
| 116 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP BW1+ | 1.07 | 0.64 | | 0 <20 P 2 | | | |
| 122 | 135 04/95 | H 07H-VS2 07H-VS2 | H | 07H-VS2 | 07H-VS2 | | 00281 | 580HP BW1+ | 1.76 | 0.45 | | 0 <20 P 2 | | | |
| 130 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00281 | 580HP VS1- | 0.33 | 0.27 | 0.3 | SAI P 2 | | | |
| 136 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00281 | 580HP BW1+ | 1.87 | 0.72 | | 0 <20 P 2 | | | |
| 140 | 135 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00282 | 580HP BW1+ | 1.74 | 0.32 | | 0 <20 P 2 | | | |
| 144 | 135 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS 03C+ | 0.81 | 1.36 | | 0 29 P 2 | | | |
| 17 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00178 | 610HS VS4- | 0.98 | 0.47 | | 0 <20 P 2 | | | |
| 77 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 06H+ | 0.90 | 0.33 | | 0 <20 P 2 | | | |
| 79 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3- | 1.09 | 1.34 | | 0 26 P 2 | | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3- | 1.16 | 1.39 | | 0 28 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3+ | 0.85 | 1.11 | | 0 23 P 2 | | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3+ | 1.08 | 1.15 | | 0 25 P 2 | | | |
| 83 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H- | 0.87 | 0.41 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 0.99 | 0.30 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3+ | 0.15 | 0.48 | | 0 <20 P 2 | | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3+ | 0.07 | 0.85 | | 0 <20 P 2 | | | |
| 85 | 136 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00559 | 600HP 08H- | 0.90 | 0.60 | | 0 <20 P 2 | | | |
| 95 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00024 | 610HS 08H+ | 0.86 | 0.38 | | 0 <20 P 2 | | | |
| 105 | 136 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP 08H+ | 0.79 | 0.83 | | 0 20 P 2 | | | |
| 107 | 136 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00186 | 580HP VS2+ | 0.84 | 0.27 | | 0 <20 P 2 | | | |
| 117 | 136 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00185 | 580HP 09H+ | 0.79 | 0.34 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP 09H+ | 0.99 | 0.28 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00099 | 610HS 09H+ | 1.07 | 0.43 | | 0 <20 P 2 | | | |
| 143 | 136 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS 03C+ | 0.84 | 0.82 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS 02C+ | 0.81 | 0.34 | | 0 <20 P 2 | | | |
| 64 | 137 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1+ | 2.06 | 0.18 | | 0 <20 P 2 | | | |
| 66 | 137 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00049 | 600HP 08H+ | 0.35 | 1.00 | | 0 24 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 1.09 | 0.49 | | 0 <20 P 2 | | | |

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 34 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 70 | 137 | 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP | 08H+ 0.85 | 0.37 | | 0 | <20 | P 2 | |
| 74 | 137 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1- 2.00 | 0.27 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 2.00 | 0.32 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 2.00 | 0.40 | | 0 | <20 | P 2 | |
| 76 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ 0.88 | 0.72 | | 0 | 20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ 0.87 | 0.96 | | 0 | 20 | P 2 | |
| 78 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.97 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 2.00 | 0.37 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS5- 0.60 | 0.76 | | 0 | <20 | P 2 | |
| 80 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ 0.99 | 0.27 | | 0 | <20 | P 2 | |
| 84 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.77 | 0.60 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 1.96 | 0.53 | | 0 | <20 | P 2 | |
| 86 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ 0.94 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ 0.91 | 0.61 | | 0 | <20 | P 2 | |
| 90 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS | 08H+ 0.90 | 0.49 | | 0 | <20 | P 2 | |
| 96 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS | 08H+ 0.97 | 0.34 | | 0 | <20 | P 2 | |
| 106 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | 08H+ 39.16 | 0.11 | 6.1 | SAI | P 3 | | |
| 134 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00278 | 580HP | BW1+ 1.68 | 0.27 | | 0 | <20 | P 2 | |
| 138 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00281 | 580HP | BW1+ 1.79 | 0.23 | | 0 | <20 | P 2 | |
| 67 | 138 | 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP | 08H- 0.85 | 0.52 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP | BW1- 1.97 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP | BW1+ 1.86 | 0.31 | | 0 | <20 | P 2 | |
| 73 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ 0.88 | 0.45 | | 0 | <20 | P 2 | |
| 81 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H- 0.97 | 0.19 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H- 1.04 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ 0.97 | 1.07 | | 0 | 26 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00559 | 600HP | 08H+ 1.07 | 1.06 | | 0 | <20 | P 2 | |
| 85 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.75 | 0.45 | | 0 | <20 | P 2 | |
| 87 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.83 | 0.37 | | 0 | <20 | P 2 | |
| 101 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | 08H+ 0.86 | 0.32 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00191 | 580HP | BW1+ 1.88 | 0.47 | | 0 | <20 | P 2 | |
| 107 | 138 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | VS2+ 0.83 | 0.31 | | 0 | <20 | P 2 | |
| 111 | 138 | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00192 | 580HP | 09H+ 0.69 | 0.32 | | 0 | <20 | P 2 | |
| 113 | 138 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00193 | 580HP | VS2+ 0.79 | 0.48 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | 02C+ 11.87 | 7.72 | 13 | BLI | P 1 | | |
| 127 | 138 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00278 | 580HP | BW1+ 1.89 | 0.41 | | 0 | <20 | P 2 | |
| 133 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | BW1+ 1.76 | 0.79 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | BW1+ 1.92 | 0.61 | | 0 | <20 | P 2 | |
| 139 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1- 2.13 | 0.38 | | 0 | <20 | P 2 | |
| 141 | 138 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | 07H+ 0.43 | 0.97 | | 0 | 24 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | 07H+ 0.04 | 0.93 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | 09H- 0.06 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | VS1+ 0.93 | 0.61 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | VS1+ 0.88 | 0.45 | | 0 | <20 | P 2 | |
| 66 | 139 | 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP | 08H+ 1.04 | 0.53 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 35 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM
LIN DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------------------|-----|------------------------|---------|-----|-------|-------|-----------|-------|-----|-----|-----|------|
| 76 | 139 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H- 1.11 | 0.64 | | 0 | <20 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H+ 0.94 | 0.68 | | 0 | <20 | P 2 |
| | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 1.09 | 0.64 | | 0 | <20 | P 2 |
| 78 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS3- 0.84 | 0.37 | | 0 | <20 | P 2 |
| 86 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ 0.95 | 0.34 | | 0 | <20 | P 2 |
| 88 | 139 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1- 1.19 | 0.24 | | 0 | <20 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.82 | 1.05 | | 0 | 25 | P 2 |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 2.00 | 2.04 | | 0 | 32 | P 2 |
| 92 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00172 | 580HP | 08H+ 0.96 | 0.31 | | 0 | <20 | P 2 |
| 98 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP | 08H- 0.23 | 0.68 | | 0 | <20 | P 2 |
| 100 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS | BW1+ 1.76 | 0.41 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00193 | 580HP | BW1+ 1.59 | 0.60 | | 0 | <20 | P 2 |
| 102 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00191 | 580HP | 08H- 0.00 | 0.54 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00191 | 580HP | BW1+ 1.36 | 0.60 | | 0 | <20 | P 2 |
| 106 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00193 | 580HP | 08H+ 0.98 | 0.32 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00193 | 580HP | BW1- 1.59 | 0.27 | | 0 | <20 | P 2 |
| 110 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00191 | 580HP | 08H+ 0.93 | 0.51 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00191 | 580HP | VS2- 1.20 | 0.26 | | 0 | <20 | P 2 |
| 122 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1+ 1.95 | 0.45 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00280 | 580HP | BW1+ 1.63 | 0.35 | | 0 | <20 | P 2 |
| 130 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1+ 2.03 | 0.44 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00280 | 580HP | BW1+ 1.75 | 0.37 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00280 | 580HP | VS1+ 0.82 | 0.24 | | 0.2 | SAT | P 2 |
| 132 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | BW1+ 3.02 | 0.30 | | 0.3 | SVI | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | VS1+ 0.85 | 0.57 | | 0 | <20 | P 2 |
| 134 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00278 | 580HP | BW1+ 1.84 | 0.45 | | 0 | <20 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1+ 2.00 | 0.43 | | 0 | <20 | P 2 |
| 136 | 139 04/95 | H | 07H-VS3 | 07H-VS3 | | 00279 | 580HP | BW1+ 1.89 | 0.49 | | 0 | <20 | P 2 |
| 140 | 139 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | 03C+ 0.88 | 0.42 | | 0 | <20 | P 2 |
| 69 | 140 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP | 08H- 1.07 | 1.03 | | 0 | 24 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H- 0.94 | 0.37 | | 0 | <20 | P 2 |
| 77 | 140 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.75 | 0.38 | | 0 | <20 | P 2 |
| 79 | 140 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ 0.95 | 0.27 | | 0 | <20 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 2.20 | 0.37 | | 0 | <20 | P 2 |
| 81 | 140 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1- 1.96 | 0.32 | | 0 | <20 | P 2 |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1- 1.80 | 0.87 | | 0 | <20 | P 2 |
| 87 | 140 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ 1.00 | 0.30 | | 0 | <20 | P 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.82 | 0.47 | | 0 | <20 | P 2 |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 1.98 | 0.91 | | 0 | <20 | P 2 |
| 91 | 140 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS | 08H+ 0.77 | 0.29 | | 0 | <20 | P 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00171 | 580HP | 08H+ 0.89 | 0.25 | | 0 | <20 | P 2 |
| 109 | 140 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | VS2- 1.01 | 0.68 | | 0 | <20 | P 2 |
| 117 | 140 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | 09H- 1.06 | 0.46 | | 0 | <20 | P 2 |
| 129 | 140 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP | BW1+ 1.53 | 0.51 | | 0 | <20 | P 2 |
| 131 | 140 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP | BW1- 2.00 | 0.50 | | 0 | <20 | P 2 |



CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 36 OF 47
 DATE: 08/17/95
 TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT
ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-----------------------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP BW1+ | 2.00 | 0.35 | | 0 | <20 | P 2 | |
| 133 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP BW1- | 1.80 | 0.30 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP BW1+ | 1.71 | 0.64 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW1+ | 2.05 | 0.52 | | 0 | <20 | P 2 | |
| 139 | 140 | 04/95 | C | 02C-02C | 02C-02C | 1 | 00235 | 600HP 02C+ | 0.08 | 0.21 | | 0 | <20 | P 2 | |
| | | 04/95 | C | 02C-02C | 02C-02C | 1 | 00235 | 600HP 02C- | 0.14 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | C | 02C-02C | 02C-02C | 1 | 00235 | 600HP 02C- | 0.97 | 0.20 | | 0 | <20 | P 2 | |
| 64 | 141 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1+ | 2.17 | 0.38 | | 0 | <20 | P 2 | |
| 66 | 141 | 04/95 | H | 08H-08H | 08H-08H | | 00049 | 600HP 08H+ | 0.93 | 0.71 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 0.64 | 0.32 | | 0 | <20 | P 2 | |
| 68 | 141 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1- | 2.03 | 0.33 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1- | 2.07 | 0.33 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1+ | 2.15 | 0.38 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.80 | 0.44 | | 0 | <20 | P 2 | |
| 70 | 141 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP BW1- | 1.86 | 0.36 | | 0 | <20 | P 2 | |
| 72 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.75 | 0.61 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP BW1+ | 1.91 | 0.79 | | 0 | <20 | P 2 | |
| 74 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS 08H+ | 0.99 | 0.27 | | 0 | <20 | P 2 | |
| 76 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS VS3- | 0.82 | 1.80 | | 0 | 34 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP VS3- | 0.98 | 1.58 | | 0 | 31 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS VS3+ | 0.91 | 0.26 | | 0 | <20 | P 2 | |
| 78 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS VS3- | 0.84 | 0.27 | | 0 | <20 | P 2 | |
| 80 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1- | 2.07 | 0.29 | | 0 | <20 | P 2 | |
| 84 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.75 | 0.37 | | 0 | <20 | P 2 | |
| 88 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS BW1+ | 1.97 | 0.70 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP BW1+ | 1.96 | 1.08 | | 0 | 21 | P 2 | |
| 100 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP 08H- | 0.08 | 0.47 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP BW1+ | 1.82 | 0.50 | | 0 | <20 | P 2 | |
| 104 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00199 | 580HP BW1+ | 2.10 | 0.34 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00199 | 580HP BW1+ | 3.22 | 1.17 | | 0.3 | SVI | P 3 | |
| 106 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS BW1+ | 1.88 | 0.73 | | 0 | <20 | P 2 | |
| 108 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP BW1- | 1.75 | 0.51 | | 0 | <20 | P 2 | |
| 118 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00272 | 580HP BW1- | 1.95 | 0.35 | | 0 | <20 | P 2 | |
| 122 | 141 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00272 | 580HP BW1+ | 1.90 | 0.64 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS BW1+ | 1.75 | 0.92 | | 0 | <20 | P 2 | |
| 124 | 141 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00273 | 580HP BW1- | 1.58 | 0.25 | | 0 | <20 | P 2 | |
| 128 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00273 | 580HP BW1- | 1.72 | 0.31 | | 0 | <20 | P 2 | |
| 130 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP 08H- | 0.63 | 0.32 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP 09H+ | 0.84 | 0.31 | | 0 | <20 | P 2 | |
| 132 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00277 | 580HP BW1+ | 2.00 | 0.62 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW1+ | 1.86 | 0.62 | | 0 | <20 | P 2 | |
| 134 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.94 | 0.50 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00274 | 580HP BW1+ | 1.85 | 0.79 | | 0 | 20 | P 2 | |
| 138 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS 03C- | 0.98 | 0.74 | | 0 | <20 | P 2 | |
| 85 | 142 | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP 08H+ | 1.00 | 0.40 | | 0 | <20 | P 2 | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 37 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT
ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-----------------------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 87 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS2- 0.81 | 0.29 | | 0 | <20 | P 2 | |
| 91 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | 08H+ 0.76 | 0.23 | | 0 | <20 | P 2 | |
| 101 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00428 | 580HP | 08H+ 1.09 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00428 | 580HP | BW1- 2.00 | 0.27 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00428 | 580HP | BW1+ 2.02 | 0.29 | | 0 | <20 | P 2 | |
| 103 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | BW1+ 1.92 | 0.37 | | 0 | <20 | P 2 | |
| 105 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS | BW1+ 2.21 | 0.20 | | 0 | <20 | P 2 | |
| 107 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00199 | 580HP | BW1+ 1.75 | 0.40 | | 0 | <20 | P 2 | |
| 111 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | BW1+ 1.97 | 0.30 | | 0 | <20 | P 2 | |
| 115 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | BW1+ 1.90 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00430 | 580HP | BW1+ 1.89 | 0.37 | | 0 | <20 | P 2 | |
| 117 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 08H+ 8.06 | 0.51 | | 25 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 08H+ 13.67 | 2.49 | | 14 | BLI | P 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 08H+ 14.91 | 2.64 | | 12 | BLI | P 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 02C+ 25.88 | 2.85 | | 12 | BLI | P 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 02C+ 12.60 | 3.57 | | 17 | BLI | P 1 | |
| 121 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | BW1+ 1.82 | 0.73 | | 0 | <20 | P 2 | |
| 125 | 142 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00273 | 580HP | BW1- 2.00 | 0.39 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00273 | 580HP | BW1+ 1.97 | 0.33 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00273 | 580HP | VS1+ 8.36 | 0.19 | | 1.7 | MAI | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00273 | 580HP | VS1+ 9.58 | 0.29 | | 1.2 | MAI | P 2 | |
| 131 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00272 | 580HP | BW1- 1.87 | 0.40 | | 0 | <20 | P 2 | |
| 133 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00273 | 580HP | BW1+ 1.71 | 0.18 | | 0 | <20 | P 2 | |
| 12 | 143 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | 04H- 0.88 | 0.25 | | 0 | <20 | P 2 | |
| 68 | 143 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | 08H- 0.90 | 0.24 | | 0 | <20 | P 2 | |
| 70 | 143 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ 0.96 | 0.45 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00049 | 600HP | BW1+ 1.95 | 0.66 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.77 | 0.50 | | 0 | <20 | P 2 | |
| 80 | 143 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 2.20 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS5+ 1.07 | 0.32 | | 0 | <20 | P 2 | |
| 84 | 143 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1- 2.00 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.90 | 0.49 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00558 | 580HP | BW1+ 2.00 | 0.98 | | 0 | <20 | P 2 | |
| 88 | 143 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.86 | 0.39 | | 0 | <20 | P 2 | |
| 100 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00202 | 580HP | BW1+ 1.98 | 0.73 | | 0 | <20 | P 2 | |
| 104 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00202 | 580HP | BW1+ 1.78 | 0.60 | | 0 | <20 | P 2 | |
| 108 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00202 | 580HP | 08H+ 0.91 | 0.47 | | 0 | <20 | P 2 | |
| 110 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00201 | 580HP | 08H- 0.95 | 0.26 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00201 | 580HP | 08H+ 1.02 | 0.33 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00201 | 580HP | VS2- 0.80 | 0.47 | | 0 | <20 | P 2 | |
| 114 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00201 | 580HP | BW1- 1.89 | 0.26 | | 0 | <20 | P 2 | |
| 120 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00273 | 580HP | BW1- 1.96 | 0.59 | | 0 | <20 | P 2 | |
| 122 | 143 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00274 | 580HP | BW1- 1.81 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00274 | 580HP | BW1+ 1.87 | 0.33 | | 0 | <20 | P 2 | |
| 126 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00272 | 580HP | BW1+ 2.01 | 0.51 | | 0 | <20 | P 2 | |

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 38 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-------|-------------|---------|---------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| | 04/95 | C TEC-TEH | TEC-TEH | | | | 00098 | 610HS | BW1+ | 1.86 | 0.31 | 0 | <20 | P 2 | |
| 75 | 144 | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H- | 0.87 | 0.42 | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH | TEC-TEH | | | | 00149 | 610HS | 08H+ | 0.99 | 0.85 | 0 | <20 | P 2 | |
| | 04/95 | H | 08H-08H | 08H-08H | | | 00555 | 600HP | 08H+ | 0.87 | 0.99 | 0 | 20 | P 2 | |
| 77 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS3+ | 0.98 | 1.09 | 0 | 26 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | | 00548 | 580HP | VS3+ | 1.03 | 1.12 | 0 | 25 | P 2 | |
| 79 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ | 2.05 | 0.30 | 0 | <20 | P 2 | |
| 81 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1- | 2.25 | 0.20 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | | 00608 | 580HP | BW1- | 1.92 | 0.36 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | | 00148 | 610HS | BW1+ | 2.10 | 0.48 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | | 00608 | 580HP | BW1+ | 2.00 | 0.64 | 0 | <20 | P 2 | |
| 89 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ | 2.25 | 0.51 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00558 | 580HP | BW1+ | 2.00 | 0.54 | 0 | <20 | P 2 | |
| 103 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | 08H+ | 0.86 | 0.42 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00428 | 580HP | 08H+ | 0.83 | 0.46 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00428 | 580HP | VS2+ | 0.75 | 0.44 | 0 | <20 | P 2 | |
| 105 | 144 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00202 | 580HP | BW1- | 1.41 | 0.29 | 0 | <20 | P 2 | |
| 109 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | VS2+ | 0.88 | 0.54 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00202 | 580HP | VS2+ | 0.90 | 0.40 | 0 | <20 | P 2 | |
| 117 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | 09H+ | 1.37 | 1.06 | 0 | 20 | P 2 | |
| 119 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | 09H+ | 0.87 | 0.44 | 0 | <20 | P 2 | |
| 121 | 144 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00272 | 580HP | BW1+ | 1.96 | 0.48 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | | 00099 | 610HS | BW1+ | 1.77 | 0.50 | 0 | <20 | P 2 | |
| 123 | 144 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00273 | 580HP | BW1+ | 1.77 | 0.47 | 0 | <20 | P 2 | |
| 46 | 145 | 04/95 | H | TEH-TSH | TEH-TSH | | 00049 | 600HP | TSH- | 0.42 | 0.28 | 0.2 | SAX | P 2 | |
| 60 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ | 1.89 | 0.32 | 0 | <20 | P 2 | |
| 66 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ | 1.36 | 0.43 | 0 | <20 | P 2 | |
| 70 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ | 2.00 | 0.33 | 0 | <20 | P 2 | |
| 88 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ | 1.75 | 0.40 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00558 | 580HP | BW1+ | 1.93 | 1.36 | 0 | 25 | P 2 | |
| 90 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | 08H- | 0.74 | 0.27 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00173 | 580HP | 08H- | 0.85 | 0.78 | 0 | <20 | P 2 | |
| 92 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP | 08H+ | 0.00 | 0.51 | 0 | <20 | P 2 | |
| 98 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | BW1- | 2.02 | 0.52 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1- | 1.78 | 0.63 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00213 | 580HP | BW1- | 1.76 | 0.44 | 0 | <20 | P 2 | |
| 100 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00208 | 580HP | BW1+ | 1.81 | 0.48 | 0 | <20 | P 2 | |
| 106 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00207 | 580HP | BW1- | 1.91 | 0.26 | 0 | <20 | P 2 | |
| 116 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00208 | 580HP | BW1+ | 1.31 | 0.24 | 0 | <20 | P 2 | |
| 118 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00261 | 580HP | BW1+ | 1.63 | 0.36 | 0 | <20 | P 2 | |
| 67 | 146 | 04/95 | H | BW1-BW1 | 08H-BW1 | | 00554 | 580HP | 08H- | 1.62 | 0.39 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | | 00149 | 610HS | 08H- | 1.21 | 0.22 | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 | 08H-BW1 | | | 00554 | 580HP | BW1+ | 2.01 | 0.42 | 0 | <20 | P 2 | |
| 71 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H+ | 0.95 | 0.23 | 0 | <20 | P 2 | |
| 79 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS3- | 0.57 | 0.37 | 0 | <20 | P 2 | |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 39 OF 47
 DATE: 08/17/95
 TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 81 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 2.19 | 0.36 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS3+ 1.05 | 0.38 | | 0 | <20 | P 2 | |
| 83 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.94 | 0.30 | | 0 | <20 | P 2 | |
| 87 | 146 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.97 | 0.13 | | 0 | <20 | P 2 | |
| 91 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00173 | 580HP | BW1+ 1.93 | 0.27 | | 0 | <20 | P 2 | |
| 93 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00428 | 580HP | VS2- 0.89 | 0.23 | | 0 | <20 | P 2 | |
| 99 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | BW1- 2.06 | 0.34 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1- 1.73 | 0.42 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | BW1+ 2.18 | 0.29 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ 1.66 | 0.89 | | 0 | <20 | P 2 | |
| 101 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00207 | 580HP | BW1+ 2.02 | 0.20 | | 0 | <20 | P 2 | |
| 103 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00208 | 580HP | VS2- 0.74 | 0.35 | | 0 | <20 | P 2 | |
| 107 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00208 | 580HP | BW1- 2.05 | 0.29 | | 0 | <20 | P 2 | |
| 109 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ 1.66 | 0.33 | | 0 | <20 | P 2 | |
| 111 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | 08H- 0.00 | 0.30 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | BW1- 1.84 | 0.29 | | 0 | <20 | P 2 | |
| 115 | 146 | 04/95 | C | 01C-02C | 01C-02C | 1 | 00235 | 600HP | 01C+ 11.48 | 0.53 | 0.4 | SVI | P 2 | | |
| 117 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | 08H+ 0.75 | 0.65 | | 0 | <20 | P 2 | |
| 119 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00261 | 580HP | BW1+ 0.90 | 0.28 | | 0 | <20 | P 2 | |
| 121 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00434 | 580HP | BW1- 2.17 | 0.25 | | 0 | <20 | P 2 | |
| 123 | 146 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00267 | 580HP | BW1+ 1.96 | 0.61 | | 0 | <20 | P 2 | |
| 60 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.90 | 0.31 | | 0 | <20 | P 2 | |
| 62 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.90 | 0.53 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 2.01 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW2+ 1.75 | 0.25 | | 0 | <20 | P 2 | |
| 66 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | 08H- 1.27 | 0.48 | | 0 | <20 | P 2 | |
| 78 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | VS3- 0.63 | 0.32 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- 1.11 | 0.40 | | 0 | <20 | P 2 | |
| 80 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | BW1+ 1.77 | 0.30 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS3+ 0.95 | 0.36 | | 0 | <20 | P 2 | |
| 82 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00149 | 610HS | BW1+ 1.91 | 0.30 | | 0 | <20 | P 2 | |
| 88 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00148 | 610HS | VS2- 0.95 | 0.49 | | 0 | <20 | P 2 | |
| 90 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00172 | 580HP | 08H- 0.96 | 0.56 | | 0 | <20 | P 2 | |
| 96 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | 08H+ 0.72 | 0.32 | | 0 | <20 | P 2 | |
| 100 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | BW1- 1.75 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | BW1+ 1.91 | 0.52 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | BW1+ 1.75 | 0.96 | | 0 | 24 | P 2 | |
| 102 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1- 1.75 | 0.72 | | 0 | <20 | P 2 | |
| 104 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | BW1- 2.18 | 0.61 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | BW1- 2.03 | 0.58 | | 0 | <20 | P 2 | |
| 106 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | 08H+ 0.74 | 0.56 | | 0 | <20 | P 2 | |
| 108 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00210 | 580HP | BW1+ 1.77 | 0.51 | | 0 | <20 | P 2 | |
| 110 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | 08H- 0.09 | 0.69 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | 08H+ 0.80 | 0.50 | | 0 | <20 | P 2 | |
| 122 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1- 1.98 | 0.38 | | 0 | <20 | P 2 | |

ROCKRIDGE TECHNOLOGIES

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 40 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|---------|-------|-------------------|-----|---------|--------|-----|-------|------------|----------|-------|------------|-----------|----|------|
| | 04/95 | H 07H-VS2 07H-VS2 | | | | | 00434 | 580HP BW1- | 1.75 | 0.53 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00098 | 610HS BW1+ | 1.89 | 0.30 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS2 07H-VS2 | | | | | 00434 | 580HP BW1+ | 2.11 | 0.29 | | 0 <20 P 2 | | |
| 132 147 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00107 | 610HS 03C- | 0.14 | 0.54 | | 0 <20 P 2 | | |
| 59 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS BW2+ | 1.75 | 0.38 | | 0 <20 P 2 | | |
| 71 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS 08H+ | 0.74 | 0.37 | | 0 <20 P 2 | | |
| 75 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS BW1+ | 2.11 | 0.30 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS 05C+ | 5.01 | 7.53 | | 5 BLI 1 | | |
| 77 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS BW1+ | 2.00 | 0.36 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS VS3+ | 0.88 | 0.41 | | 0 <20 P 2 | | |
| 79 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS BW1+ | 1.80 | 0.51 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS VS3+ | 0.87 | 0.55 | | 0 <20 P 2 | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | | | | | 00548 | 580HP VS3+ | 0.93 | 0.85 | | 0 20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS VS5+ | 1.11 | 1.56 | | 0 29 P 2 | | |
| 81 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS BW1- | 2.03 | 0.43 | | 0 <20 P 2 | | |
| | 04/95 | H BW1-BW1 BW1-BW1 | 1 | | | | 00608 | 580HP BW1- | 1.86 | 0.75 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS BW1+ | 2.03 | 0.65 | | 0 <20 P 2 | | |
| | 04/95 | H BW1-BW1 BW1-BW1 | 1 | | | | 00608 | 580HP BW1+ | 1.82 | 0.87 | | 0 20 P 2 | | |
| 87 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS VS2- | 0.89 | 0.68 | | 0 <20 P 2 | | |
| | 04/95 | H VS2-VS2 VS2-VS2 | 1 | | | | 00608 | 580HP VS2- | 0.88 | 0.52 | | 0 <20 P 2 | | |
| 89 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS BW1+ | 1.99 | 0.33 | | 0 <20 P 2 | | |
| 99 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00021 | 610HS BW1+ | 2.17 | 0.56 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 BW1-VS3 | | | | | 00220 | 580HP BW1+ | 1.79 | 0.54 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 07H-BW1 | | | | | 00429 | 580HP BW1+ | 1.74 | 0.37 | | 0 <20 P 2 | | |
| 101 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00221 | 580HP 08H- | 0.11 | 0.17 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00221 | 580HP BW1+ | 1.84 | 0.64 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00221 | 580HP VS3+ | 1.03 | 0.46 | | 0 <20 P 2 | | |
| 105 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00210 | 580HP BW1- | 1.91 | 0.47 | | 0 <20 P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00019 | 610HS BW1+ | 1.83 | 0.59 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00210 | 580HP BW1+ | 1.84 | 0.58 | | 0 <20 P 2 | | |
| 113 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00210 | 580HP 08H+ | 0.75 | 0.49 | | 0 <20 P 2 | | |
| 115 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00220 | 580HP BW1- | 2.16 | 0.43 | | 0 <20 P 2 | | |
| 117 148 | 04/95 | H 07H-VS3 08H-VS3 | | | | | 00210 | 580HP 08H- | 0.10 | 0.30 | | 0 <20 P 2 | | |
| 119 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00434 | 580HP BW1+ | 1.96 | 0.37 | | 0 <20 P 2 | | |
| 121 148 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00098 | 610HS BW1+ | 2.22 | 0.64 | | 0 <20 P 2 | | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00434 | 580HP BW1+ | 2.19 | 0.40 | | 0 <20 P 2 | | |
| 123 148 | 04/95 | H 07H-VS2 07H-VS2 | | | | | 00435 | 580HP BW1+ | 1.84 | 0.34 | | 0 <20 P 2 | | |
| 131 148 | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00260 | 580HP BW1+ | 1.22 | 0.31 | | 0 <20 P 2 | | |
| 42 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00177 | 610HS 03C+ | 12.49 | 0.30 | 124 28 1 | | | |
| 62 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS BW1+ | 1.75 | 0.17 | | 0 <20 P 2 | | |
| 66 149 | 04/95 | H 08H-08H 08H-08H | | | | | 00555 | 600HP 08H+ | 0.55 | 0.76 | | 0 <20 P 2 | | |
| 78 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS 08H+ | 0.70 | 0.40 | | 0 <20 P 2 | | |
| 80 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS BW1+ | 1.86 | 0.40 | | 0 <20 P 2 | | |
| 82 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00149 | 610HS BW1- | 1.95 | 0.41 | | 0 <20 P 2 | | |
| 84 149 | 04/95 | C TEC-TEH TEC-TEH | | | | | 00148 | 610HS 08H+ | 0.03 | 0.35 | | 0 <20 P 2 | | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 41 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM
LIN DATE | EXAM EXTENT
LEG PROGRAM ACTUAL EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------------------|---------------------------------------|-------|-------|----------|-------|------|-----|-----|-----|------|
| | 04/95 | C TEC-TEH TEC-TEH | 00148 | 610HS | 08H+ | 0.90 | 0.22 | | 0 | <20 | P 2 |
| | 04/95 | C TEC-TEH TEC-TEH | 00148 | 610HS | BW1- | 1.82 | 0.37 | | 0 | <20 | P 2 |
| 86 | 149 04/95 | C TEC-TEH TEC-TEH | 00149 | 610HS | 08H+ | 0.91 | 0.41 | | 0 | <20 | P 2 |
| | 04/95 | C TEC-TEH TEC-TEH | 00149 | 610HS | BW1- | 2.06 | 0.46 | | 0 | <20 | P 2 |
| 88 | 149 04/95 | C TEC-TEH TEC-TEH | 00148 | 610HS | BW1+ | 1.75 | 0.33 | | 0 | <20 | P 2 |
| 96 | 149 04/95 | H 07H-VS3 07H-VS3 | 00210 | 580HP | 08H+ | 1.01 | 0.64 | | 0 | <20 | P 2 |
| 98 | 149 04/95 | H 07H-VS3 07H-VS3 | 00220 | 580HP | 08H+ | 0.68 | 0.30 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00220 | 580HP | BW1+ | 2.43 | 0.48 | | 0 | <20 | P 2 |
| 100 | 149 04/95 | C TEC-TEH TEC-TEH | 00018 | 610HS | 08H- | 0.06 | 0.54 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | 08H- | 0.21 | 0.92 | | 0 | 22 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | 08H+ | 0.95 | 0.49 | | 0 | <20 | P 2 |
| | 04/95 | C TEC-TEH TEC-TEH | 00018 | 610HS | BW1+ | 2.00 | 1.36 | | 0 | 29 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | BW1+ | 1.93 | 1.36 | | 0 | 29 | P 2 |
| 102 | 149 04/95 | C TEC-TEH TEC-TEH | 00019 | 610HS | BW1- | 1.99 | 0.38 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00224 | 580HP | BW1- | 1.97 | 0.63 | | 0 | <20 | P 2 |
| 104 | 149 04/95 | C TEC-TEH TEC-TEH | 00018 | 610HS | BW1- | 2.10 | 0.72 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00210 | 580HP | BW1- | 2.20 | 1.00 | | 0 | 25 | P 2 |
| 106 | 149 04/95 | C TEC-TEH TEC-TEH | 00019 | 610HS | BW1- | 2.07 | 0.87 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00220 | 580HP | BW1- | 2.40 | 1.23 | | 0 | 26 | P 2 |
| 108 | 149 04/95 | C TEC-TEH TEC-TEH | 00018 | 610HS | 08H- | 0.06 | 0.46 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | 08H- | 0.14 | 0.63 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | 08H+ | 1.12 | 0.47 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00221 | 580HP | BW1+ | 1.84 | 0.53 | 0.8 | SVI | P 2 | |
| 112 | 149 04/95 | C TEC-TEH TEC-TEH | 00018 | 610HS | 08H- | 0.12 | 0.53 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS3 07H-VS3 | 00210 | 580HP | 08H- | 0.03 | 0.57 | | 0 | <20 | P 2 |
| 116 | 149 04/95 | H 07H-VS3 08H-VS3 | 00221 | 580HP | 08H+ | 0.00 | 0.22 | | 0 | <20 | P 2 |
| 118 | 149 04/95 | H 07H-VS3 07H-VS3 | 00255 | 580HP | 09H+ | 0.85 | 0.40 | | 0 | <20 | P 2 |
| 122 | 149 04/95 | H 07H-VS2 07H-VS3 | 00259 | 580HP | BW1- | 1.80 | 0.38 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS2 07H-VS5 | 00261 | 580HP | BW1- | 1.86 | 0.43 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-VS2 07H-VS5 | 00261 | 580HP | BW1+ | 1.85 | 0.31 | | 0 | <20 | P 2 |
| 124 | 149 04/95 | H 07H-VS2 07H-VS3 | 00260 | 580HP | BW1+ | 1.78 | 0.40 | | 0 | <20 | P 2 |
| 67 | 150 04/95 | C TEC-TEH TEC-TEH | 00146 | 610HS | 07H- | 0.83 | 0.30 | | 0 | <20 | P 2 |
| | 04/95 | H 07H-07H 07H-07H | 00555 | 600HP | 07H- | 0.87 | 0.66 | 0.2 | SVI | P 2 | |
| | 04/95 | H 07H-07H 07H-07H | 00555 | 600HP | 07H- | 1.15 | 0.38 | | 0 | <20 | P 2 |
| 71 | 150 04/95 | C TEC-TEH TEC-TEH | 00146 | 610HS | VS3+ | 0.76 | 0.57 | | 0 | <20 | P 2 |
| | 04/95 | H VS3-VS3 VS3-VS3 | 00608 | 580HP | VS3+ | 0.76 | 0.58 | | 0 | <20 | P 2 |
| 73 | 150 04/95 | C TEC-TEH TEC-TEH | 00146 | 610HS | 08H+ | 0.87 | 0.74 | | 0 | <20 | P 2 |
| 77 | 150 04/95 | C TEC-TEH TEC-TEH | 00146 | 610HS | 08H+ | 1.01 | 0.33 | | 0 | <20 | P 2 |
| | 04/95 | H 08H-08H 08H-08H | 00555 | 600HP | 08H+ | 0.98 | 0.85 | | 0 | <20 | P 2 |
| 83 | 150 04/95 | C TEC-TEH TEC-TEH | 00147 | 610HS | BW1+ | 2.04 | 0.41 | | 0 | <20 | P 2 |
| 85 | 150 04/95 | H 08H-08H 08H-08H | 00555 | 600HP | 08H- | 1.02 | 0.55 | | 0 | <20 | P 2 |
| | 04/95 | C TEC-TEH TEC-TEH | 00146 | 610HS | 08H+ | 0.79 | 0.87 | | 0 | 22 | P 2 |
| | 04/95 | H 08H-08H 08H-08H | 00555 | 600HP | 08H+ | 0.82 | 1.09 | | 0 | 22 | P 2 |
| 93 | 150 04/95 | H 07H-VS3 07H-VS3 | 00210 | 580HP | 08H+ | 0.83 | 0.40 | | 0 | <20 | P 2 |
| 97 | 150 04/95 | H 07H-VS3 07H-VS3 | 00210 | 580HP | VS2+ | 1.05 | 0.32 | | 0 | <20 | P 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 42 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | t | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|-----------|-------|-----|-----|-----|-----|------|
| 99 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00224 | 580HP | BW1- 2.05 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1+ 1.98 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00224 | 580HP | BW1+ 1.86 | 0.89 | | 0 | 22 | P 2 | |
| 103 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00224 | 580HP | BW1- 1.84 | 0.71 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00224 | 580HP | BW1+ 1.83 | 0.62 | | 0 | <20 | P 2 | |
| 115 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00227 | 580HP | 08H+ 0.47 | 0.35 | | 0 | <20 | P 2 | |
| 119 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00255 | 580HP | 09H- 0.09 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | 09H- 0.06 | 0.36 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00255 | 580HP | BW1- 1.75 | 0.19 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1- 1.88 | 0.36 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00255 | 580HP | BW1+ 1.74 | 0.46 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1+ 1.75 | 0.34 | | 0 | <20 | P 2 | |
| 60 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 2.09 | 0.55 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | 00608 | 580HP | BW1+ 1.76 | 0.80 | | 0 | <20 | P 2 | |
| 62 | 151 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.90 | 0.18 | | 0 | <20 | P 2 | |
| 68 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 07H+ 0.90 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-07H | 07H-07H | | 00555 | 600HP | 07H+ 0.86 | 0.56 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 08H+ 1.02 | 0.25 | | 0 | <20 | P 2 | |
| 74 | 151 | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 1.11 | 0.54 | | 0 | <20 | P 2 | |
| 80 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 2.15 | 0.40 | | 0 | <20 | P 2 | |
| 82 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00147 | 610HS | VS3- 0.92 | 0.73 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- 0.95 | 0.62 | | 0 | <20 | P 2 | |
| 84 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 2.01 | 0.50 | | 0 | <20 | P 2 | |
| 98 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00019 | 610HS | BW1+ 1.91 | 0.41 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00227 | 580HP | BW1+ 1.99 | 0.61 | | 0 | <20 | P 2 | |
| 100 | 151 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | BW1- 1.30 | 0.27 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | VS3- 0.70 | 0.93 | | 0 | 23 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | VS3- 0.91 | 1.80 | | 0 | 33 | P 2 | |
| 102 | 151 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | 08H- 0.22 | 0.38 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | 08H+ 0.70 | 0.20 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | BW1- 1.92 | 0.50 | | 0 | <20 | P 2 | |
| 104 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1- 2.00 | 0.56 | | 0 | <20 | P 2 | |
| 110 | 151 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00225 | 580HP | 08H- 0.23 | 0.61 | | 0 | <20 | P 2 | |
| 122 | 151 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00253 | 580HP | BW1- 1.96 | 0.38 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00253 | 580HP | BW1+ 1.65 | 0.70 | | 0 | 22 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1+ 2.00 | 0.23 | | 0 | <20 | P 2 | |
| 9 | 152 | 04/95 | H | TEH-TEH | TSH-TSH | | 00032 | 600HP | TSH- 0.62 | 0.72 | | 0.4 | MAI | P 2 | |
| 53 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 2.19 | 0.39 | | 0 | <20 | P 2 | |
| 81 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 08H- 0.06 | 0.63 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H- 0.21 | 1.07 | | 0 | 21 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 08H+ 0.91 | 0.74 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 0.90 | 1.22 | | 0 | 24 | P 2 | |
| 87 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | 00147 | 610HS | BW1+ 2.12 | 0.50 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 2.09 | 0.16 | | 0 | <20 | P 2 | |
| 97 | 152 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00227 | 580HP | BW1+ 1.22 | 0.81 | | 0 | <20 | P 2 | |

4-21-68 - 1st 1st 1st

4-21-68 - 1st 1st 1st

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 43 OF 47
 DATE: 08/17/95
 TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-------|-------------|-----|---------|---------|-----|-------|-------|----------|-------|------|-----|-----|------|
| | 04/95 | | C | TEC-TEH | TEC-TEH | | 00019 | 610HS | BW1+ | 2.00 | 0.87 | 0 | <20 | P 2 |
| 99 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1+ | 2.00 | 0.59 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-VS3 | | 00229 | 580HP | BW1+ | 1.78 | 0.66 | 0 | <20 | P 2 |
| 103 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | VS2+ | 0.94 | 0.23 | 0 | <20 | P 2 |
| 115 | 152 | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00226 | 580HP | BW1- | 1.64 | 0.76 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | BW1- | 2.12 | 0.28 | 0 | <20 | P 2 |
| 125 | 152 | 04/95 | C | TEC-TEH | TEC-VS2 | | 00106 | 610HS | VS2- | 12.99 | | | OBS | |
| 76 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 08H+ | 1.02 | 0.36 | 0 | <20 | P 2 |
| 92 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1+ | 2.09 | 0.57 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 08H-VS3 | | 00226 | 580HP | BW1+ | 1.79 | 0.73 | 0 | 22 | P 2 |
| 96 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1- | 1.91 | 0.29 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-VS3 | | 00226 | 580HP | BW1- | 1.71 | 0.52 | 0 | <20 | P 2 |
| 100 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | 00018 | 610HS | BW1- | 1.82 | 0.25 | 0 | <20 | P 2 |
| 102 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | BW1+ | 1.89 | 0.37 | 0 | <20 | P 2 |
| 104 | 153 | 04/95 | H | 07H-VS3 | 07H-08H | | 00226 | 580HP | 08H+ | 0.01 | 0.48 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-08H | | 00226 | 580HP | 08H+ | 0.64 | 0.42 | 0 | <20 | P 2 |
| 106 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00227 | 580HP | BW1+ | 1.05 | 0.31 | 0 | <20 | P 2 |
| 110 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | VS2+ | 0.94 | 0.73 | 0 | <20 | P 2 |
| 112 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00226 | 580HP | BW1- | 1.09 | 0.32 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-VS3 | | 00226 | 580HP | VS2+ | 0.44 | 0.15 | 0 | <20 | P 2 |
| 114 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00227 | 580HP | BW1- | 1.31 | 0.27 | 0 | <20 | P 2 |
| 118 | 153 | 04/95 | C | TSC-01C | TSC-01C | 1 | 00235 | 600HP | TSC+ | 5.82 | 0.25 | 0.2 | SVI | P 2 |
| 25 | 154 | 04/95 | C | TEC-TEH | TEC-BW2 | | 00176 | 610HS | BW2+ | 17.42 | | | OBS | |
| 71 | 154 | 04/95 | C | TEC-TEH | TEC-TEH | | 00147 | 610HS | 08H- | 0.88 | 1.55 | 0 | 31 | P 2 |
| | 04/95 | | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H- | 1.04 | 1.89 | 0 | 31 | P 2 |
| 93 | 154 | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00226 | 580HP | BW1+ | 1.54 | 0.47 | 0 | <20 | P 2 |
| 99 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | BW1+ | 2.25 | 0.57 | 0 | <20 | P 2 |
| 103 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | BW1- | 2.23 | 0.70 | 0 | <20 | P 2 |
| 107 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | 08H- | 0.23 | 0.34 | 0 | <20 | P 2 |
| | 04/95 | | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | 08H+ | 0.86 | 0.38 | 0 | <20 | P 2 |
| 111 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00230 | 580HP | BW1+ | 1.88 | 0.61 | 0 | <20 | P 2 |
| 113 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00226 | 580HP | VS2- | 1.10 | 0.68 | 0 | 20 | P 2 |
| 117 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00235 | 580HP | 09H- | 1.36 | 0.49 | 0 | <20 | P 2 |
| 121 | 154 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | 02C- | 0.85 | 0.30 | 0 | <20 | P 2 |
| 50 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | 00147 | 610HS | VS4+ | 0.63 | 0.66 | 0 | <20 | P 2 |
| 64 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ | 1.76 | 0.48 | 0 | <20 | P 2 |
| 72 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ | 1.85 | 0.59 | 0 | <20 | P 2 |
| | 04/95 | | H | BW1-BW1 | 08H-BW1 | | 00554 | 580HP | BW1+ | 1.80 | 0.20 | 0 | <20 | P 2 |
| | 04/95 | | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | VS3- | 0.70 | 0.47 | 0 | <20 | P 2 |
| 84 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | VS3- | 0.63 | 1.73 | 0 | 34 | P 2 |
| | 04/95 | | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3- | 1.15 | 1.58 | 0 | 31 | P 2 |
| | 04/95 | | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | VS5+ | 0.63 | 0.98 | 0 | 24 | P 2 |
| 88 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ | 1.85 | 0.76 | 0 | 20 | P 2 |
| | 04/95 | | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ | 2.10 | 0.38 | 0 | <20 | P 2 |
| 100 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | 08H+ | 0.86 | 0.29 | 0 | <20 | P 2 |

ROCKRIDGE TECHNOLOGIES

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 44 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----------|-------------------|-----|---------|--------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00429 | 580HP BW1+ | 1.86 | 0.19 | | 0 | <20 | P 2 | |
| 102 | 155 04/95 | H 07H-VS3 07H-VS3 | | | | | 00234 | 580HP 08H- | 0.03 | 0.39 | | 0 | <20 | P 2 | |
| 106 | 155 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP 08H+ | 0.02 | 0.35 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP 08H+ | 0.95 | 0.40 | | 0 | <20 | P 2 | |
| 108 | 155 04/95 | H 07H-VS3 07H-VS3 | | | | | 00233 | 580HP BW1+ | 1.87 | 0.39 | | 0 | <20 | P 2 | |
| 83 | 156 04/95 | C TEC-TEH TEC-TEH | | | | | 00147 | 610HS 08H+ | 1.00 | 0.45 | | 0 | <20 | P 2 | |
| | 04/95 | H 08H-08H 08H-08H | | | | | 00555 | 600HP 08H+ | 1.05 | 0.68 | | 0 | <20 | P 2 | |
| 89 | 156 04/95 | C TEC-TEH TEC-TEH | | | | | 00146 | 610HS BW1+ | 2.03 | 0.27 | | 0 | <20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | | | | | 00554 | 580HP BW1+ | 2.18 | 0.59 | | 0 | <20 | P 2 | |
| 91 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00241 | 580HP 08H+ | 0.95 | 0.40 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00017 | 610HS BW1+ | 1.76 | 0.32 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00241 | 580HP BW1+ | 1.75 | 0.61 | | 0 | <20 | P 2 | |
| 97 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00233 | 580HP BW1- | 1.72 | 0.48 | | 0 | <20 | P 2 | |
| 103 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP VS2+ | 1.05 | 0.43 | | 0 | <20 | P 2 | |
| 107 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP 08H+ | 0.99 | 0.43 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1+ | 1.89 | 0.95 | | 0 | 24 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP VS2- | 0.19 | 0.35 | | 0 | <20 | P 2 | |
| 111 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1- | 2.00 | 0.34 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1+ | 2.00 | 0.56 | | 0 | <20 | P 2 | |
| 115 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP 08H+ | 0.77 | 0.59 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP VS3+ | 0.94 | 0.46 | | 0 | <20 | P 2 | |
| | 04/95 | C BW2-BW2 BW2-BW2 | 1 | | | | 00235 | 600HP BW2+ | 0.20 | 0.20 | | 0 | <20 | P 2 | |
| 117 | 156 04/95 | H 07H-VS3 07H-VS3 | | | | | 00233 | 580HP 08H+ | 0.94 | 0.24 | | 0 | <20 | P 2 | |
| 66 | 157 04/95 | C TEC-TEH TEC-TEH | | | | | 00147 | 610HS 08H+ | 0.76 | 1.07 | | 0 | <20 | P 2 | |
| | 04/95 | H 08H-08H 08H-08H | | | | | 00555 | 600HP 08H+ | 0.91 | 0.66 | | 0 | <20 | P 2 | |
| 76 | 157 04/95 | C TEC-TEH TEC-TEH | | | | | 00146 | 610HS 08H- | 1.08 | 0.27 | | 0 | <20 | P 2 | |
| 80 | 157 04/95 | C TEC-TEH TEC-TEH | | | | | 00146 | 610HS 08H- | 1.14 | 0.31 | | 0 | <20 | P 2 | |
| 94 | 157 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP 08H+ | 0.84 | 0.78 | | 0 | 21 | P 2 | |
| 110 | 157 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1+ | 1.95 | 0.65 | | 0 | <20 | P 2 | |
| 118 | 157 04/95 | C TEC-TEH TEC-TEH | | | | | 00107 | 610HS 04C- | 1.01 | 0.46 | | 0 | <20 | P 2 | |
| 87 | 158 04/95 | C TEC-TEH TEC-TEH | | | | | 00147 | 610HS BW1+ | 2.01 | 0.51 | | 0 | <20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | | | | | 00554 | 580HP BW1+ | 1.98 | 0.28 | | 0 | <20 | P 2 | |
| 93 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00242 | 580HP BW1+ | 1.96 | 0.32 | | 0 | <20 | P 2 | |
| 99 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP VS2- | 0.98 | 0.44 | | 0 | <20 | P 2 | |
| 101 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1- | 1.90 | 0.39 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00232 | 580HP BW1+ | 1.81 | 0.74 | | 0 | 21 | P 2 | |
| 107 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00241 | 580HP BW1+ | 1.75 | 0.64 | | 0 | <20 | P 2 | |
| 113 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00242 | 580HP BW1+ | 1.76 | 0.34 | | 0 | <20 | P 2 | |
| 115 | 158 04/95 | H 07H-VS3 07H-VS3 | | | | | 00241 | 580HP BW1- | 0.39 | 0.32 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00241 | 580HP BW1+ | 1.81 | 0.32 | | 0 | <20 | P 2 | |
| 36 | 159 04/95 | C TEC-TEH TEC-TEH | | | | | 00174 | 610HS TSC+ | 5.98 | 9.21 | | 6 | BLI | 1 | |
| 40 | 159 04/95 | C TEC-TEH TEC-TEH | | | | | 00174 | 610HS VS4+ | 0.69 | 0.23 | | 0 | <20 | P 2 | |
| 66 | 159 04/95 | C TEC-TEH TEC-TEH | | | | | 00147 | 610HS 08H+ | 1.08 | 0.58 | | 0 | <20 | P 2 | |
| | 04/95 | H 08H-08H 08H-08H | | | | | 00555 | 600HP 08H+ | 1.28 | 0.43 | | 0 | <20 | P 2 | |
| 80 | 159 04/95 | C TEC-TEH TEC-TEH | | | | | 00146 | 610HS VS5+ | 0.87 | 0.66 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 45 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-----------|-----------------------|-----|---------|---------|-----|-------|-------|-----------|-------|-----|-------|-----|------|
| 86 | 159 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00147 | 610HS | BW1+ 1.95 | 0.42 | | 0 <20 | P 2 | |
| 88 | 159 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | 08H+ 0.87 | 0.39 | | 0 <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 1.78 | 0.81 | | 0 21 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.52 | 0.45 | | 0 <20 | P 2 | |
| 92 | 159 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00040 | 610HS | 08H+ 0.21 | 0.45 | | 0 <20 | P 2 | |
| 102 | 159 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00241 | 580HP | 08H- 0.34 | 0.51 | | 0 <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00241 | 580HP | BW1- 1.62 | 0.37 | | 0 <20 | P 2 | |
| 106 | 159 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00240 | 580HP | BW1+ 1.82 | 0.14 | 1.1 | SVI | P 2 | |
| 108 | 159 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1+ 1.75 | 0.25 | | 0 <20 | P 2 | |
| 110 | 159 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00241 | 580HP | BW1+ 1.79 | 0.38 | | 0 <20 | P 2 | |
| 114 | 159 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00241 | 580HP | BW1+ 1.79 | 0.56 | | 0 <20 | P 2 | |
| 116 | 159 04/95 | H 07H-VS3 07H-VS5 | H | 07H-VS3 | 07H-VS5 | | 00242 | 580HP | BW1+ 1.65 | 0.57 | | 0 <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ 1.78 | 0.59 | | 0 <20 | P 2 | |
| 99 | 160 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00012 | 610HS | BW1+ 2.00 | 0.46 | | 0 <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00240 | 580HP | BW1+ 1.76 | 0.60 | | 0 <20 | P 2 | |
| 105 | 160 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1- 2.07 | 0.24 | | 0 <20 | P 2 | |
| 107 | 160 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00240 | 580HP | BW1- 1.75 | 0.95 | | 0 21 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1- 2.05 | 0.41 | | 0 <20 | P 2 | |
| 68 | 161 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.70 | 0.39 | | 0 <20 | P 2 | |
| 88 | 161 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00146 | 610HS | BW1+ 2.04 | 0.73 | | 0 20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.88 | 0.33 | | 0 <20 | P 2 | |
| 98 | 161 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 0.66 | 0.50 | | 0 <20 | P 2 | |
| 102 | 161 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00012 | 610HS | BW1+ 2.01 | 0.43 | | 0 <20 | P 2 | |
| 73 | 162 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.92 | 0.47 | | 0 <20 | P 2 | |
| 81 | 162 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1- 1.85 | 0.41 | | 0 <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 2.09 | 0.44 | | 0 <20 | P 2 | |
| 85 | 162 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 1.00 | 0.56 | | 0 <20 | P 2 | |
| | 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 1.08 | 0.56 | | 0 <20 | P 2 | |
| 89 | 162 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.91 | 0.25 | | 0 <20 | P 2 | |
| 91 | 162 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00012 | 610HS | BW1+ 2.01 | 0.83 | | 0 <20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.93 | 0.51 | 0.2 | SVI | P 2 | |
| 66 | 163 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.99 | 0.26 | | 0 <20 | P 2 | |
| 70 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | VS5+ 0.76 | 0.47 | | 0 <20 | P 2 | |
| 76 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.94 | 0.25 | | 0 <20 | P 2 | |
| 84 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | VS3- 0.66 | 0.34 | | 0 <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | VS5+ 0.96 | 0.44 | | 0 <20 | P 2 | |
| 88 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.91 | 0.39 | | 0 <20 | P 2 | |
| 92 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | 08H+ 0.81 | 0.61 | | 0 21 | P 2 | |
| | 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 0.75 | 0.62 | | 0 <20 | P 2 | |
| 94 | 163 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1+ 1.82 | 0.38 | | 0 <20 | P 2 | |
| 66 | 165 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | 08H+ 0.57 | 0.51 | | 0 <20 | P 2 | |
| 72 | 165 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | VS3- 0.92 | 0.38 | | 0 <20 | P 2 | |
| 88 | 165 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 2.00 | 0.78 | | 0 <20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.77 | 1.12 | | 0 23 | P 2 | |
| 90 | 165 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1- 1.84 | 0.24 | | 0 <20 | P 2 | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 46 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | EXAM
LIN | DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-------------|-------|-----|------------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 96 | 165 | 04/95 | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1- 1.98 | 0.38 | | 0 | <20 | P 2 | |
| 87 | 166 | 04/95 | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | BW1+ 2.19 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.89 | 0.38 | | 0 | <20 | P 2 | |
| 93 | 166 | 04/95 | C | TEC-TEH | TEC-TEH | | 00011 | 610HS | BW1- 2.11 | 0.24 | | 0 | <20 | P 2 | |
| 99 | 166 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1+ 1.78 | 0.37 | | 0 | <20 | P 2 | |
| 44 | 167 | 04/95 | C | TEC-TEH | TEC-TEH | | 00171 | 610HS | VS4- 0.65 | 0.36 | | 0 | <20 | P 2 | |
| 76 | 167 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | VS3+ 0.84 | 0.66 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00548 | 580HP | VS3+ 1.03 | 0.62 | | 0 | <20 | P 2 | |
| 80 | 167 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H+ 0.98 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 0.81 | 0.24 | | 0 | <20 | P 2 | |
| 88 | 167 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 2.03 | 0.54 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.79 | 0.34 | | 0 | <20 | P 2 | |
| 1 | 168 | 04/95 | H | TEH-07H | TEH-07H | | 00546 | 610HS | 04H- 0.95 | 0.33 | | 0 | <20 | P 2 | |
| 77 | 168 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | VS3- 0.81 | 0.40 | | 0 | <20 | P 2 | |
| 89 | 168 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 2.09 | 0.38 | | 0 | <20 | P 2 | |
| 66 | 169 | 04/95 | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | 08H+ 0.74 | 1.17 | | 0 | 26 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H+ 0.84 | 1.07 | | 0 | 21 | P 2 | |
| 88 | 169 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 1.86 | 0.40 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.81 | 0.81 | | 0 | <20 | P 2 | |
| 25 | 170 | 04/95 | C | TEC-TEH | TEC-BW2 | | 00172 | 610HS | | | | | OBS | | |
| | | 04/95 | C | TEC-TEH | TEC-BW2 | | 00184 | 580HP | | | | | OBS | | |
| 81 | 170 | 04/95 | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | BW1+ 1.86 | 0.69 | | 0 | <20 | P 2 | |
| 66 | 171 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H- 1.06 | 0.69 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-BW1 | | 00555 | 600HP | 08H- 1.26 | 0.86 | | 0 | <20 | P 2 | |
| 86 | 171 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VSS- 0.94 | 0.76 | | 0 | 20 | P 2 | |
| 11 | 172 | 04/95 | C | TEC-TEH | TEC-TEH | | 00171 | 610HS | 06H+ 0.94 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 06H-06H | 06H-06H | | 00555 | 600HP | 06H+ 0.68 | 0.47 | 0.3 | SVI | P 2 | | |
| 65 | 172 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | 08H- 0.26 | 0.28 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00555 | 600HP | 08H- 0.16 | 0.77 | | 0 | <20 | P 2 | |
| 75 | 172 | 04/95 | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | BW1+ 2.13 | 0.68 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.87 | 0.49 | | 0 | <20 | P 2 | |
| 62 | 173 | 04/95 | H | 04H-05H | 04H-05H | 1 | 00590 | 600HP | 04H+ 12.69 | 0.14 | 0.2 | SVI | P 2 | | |
| 70 | 173 | 04/95 | C | TEC-TEH | TEC-TEH | | 00144 | 610HS | BW1+ 1.99 | 0.32 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 1.99 | 0.39 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00554 | 580HP | BW1+ 5.77 | 0.55 | 0.3 | SVI | P 2 | | |
| 78 | 173 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1- 1.88 | 0.26 | | 0 | <20 | P 2 | |
| 80 | 173 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VSS+ 0.97 | 0.48 | | 0 | <20 | P 2 | |
| 71 | 174 | 04/95 | H | BW1-BW1 | 09H-BW1 | | 00554 | 580HP | BW1- 1.94 | 0.24 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | 09H-BW1 | | 00554 | 580HP | BW1+ 1.92 | 0.36 | | 0 | <20 | P 2 | |
| 68 | 175 | 04/95 | C | TEC-TEH | TEC-TEH | | 00145 | 610HS | VS3+ 0.73 | 0.43 | | 0 | <20 | P 2 | |
| 77 | 176 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | 02C+ 11.37 | 1.60 | 18 | BLI | P 1 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | 01C+ 24.81 | 5.07 | 5 | BLI | P 1 | | |
| 8 | 177 | 04/95 | C | TEC-TEH | TEC-BW2 | | 00170 | 610HS | | | | | OBS | | |
| 66 | 177 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | 08H+ 1.00 | 0.59 | | 0 | <20 | P 2 | |
| 76 | 177 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 05C+ 0.03 | 0.63 | | 0 | <20 | P 2 | |

1

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 47 OF 47
DATE: 08/17/95
TIME: 08:37:56

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-------------|--------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00153 | 610HS | 03C- 0.99 | 0.59 | | 0 | <20 | P 2 | |
| 8 | 179 | 04/95 | C | TEC-TEH | TEC-BW2 | | | 00170 | 610HS | | | | | OBS | | |
| 64 | 181 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00153 | 610HS | BW2- 1.75 | 0.31 | | 0 | <20 | P 2 | |
| 47 | 184 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 04C- 0.86 | 0.68 | | 0 | <20 | P 2 | |
| 36 | 185 | 04/95 | H | 06H-07H | 06H-07H | 1 | | 00588 | 600HP | 06H+ 16.56 | 0.34 | | 0.3 | SVI | P 2 | |
| 17 | 186 | 04/95 | H | TSH-TSH | TSH-TSH | | | 00045 | 600HP | TSH- 0.24 | 0.71 | | 15 | SCI | P 2 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | | 00045 | 600HP | TSH- 0.24 | | | 0.5 | SCI | P 2 | |
| 6 | 187 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 05C- 0.96 | 0.67 | | 0 | <20 | P 2 | |
| 8 | 187 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 04C+ 0.12 | 0.50 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 03C- 0.94 | 0.59 | | 0 | <20 | P 2 | |
| 10 | 187 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 02C- 0.89 | 0.97 | | 0 | <20 | P 2 | |
| 12 | 189 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 05C+ 0.15 | 1.52 | | 0 | 26 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 03C+ 0.78 | 0.25 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | 03C- 0.18 | 0.44 | | 0 | <20 | P 2 | |

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 1233

NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 2084

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: MAI, MCI, MMI, SAI, SCI, BLI, MVI, SVI, OBS, 0 to 100%

REPORT OPTIONS:

Only examination results matching criteria are included

APPENDIX D

SUMMARY DATA SHEETS PLP

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 1 OF 1
DATE: 08/17/95
TIME: 07:39:00

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT
ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-----------------------|-----|-------|-------|-----------|-------|-----|-----|-----|----|------|
| 28 | 3 | 04/95 | H | TSH-TSH | TSH-TSH | | 00071 | 600HP | TSH+ 0.20 | 1.39 | | 0 | PLP | 8 | |
| 147 | 128 | 04/95 | H | 01H-02H | 01H-02H | 1 | 00528 | 580HP | 01H+ 2.03 | 1.80 | | 0 | PLP | 8 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00093 | 610HS | 01H+ 2.15 | 0.77 | | 0 | PLP | 8 | |

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 2
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 3

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:
Percent: PLI, PLP

REPORT OPTIONS:
Only examination results matching criteria are included

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

```
STEAM GENERATOR      : 12
OUTAGE DATA SET     : CURRENT
SELECTION VARIABLES: Percent
```

PAGE: 1 OF 1
DATE: 08/17/95
TIME: 08:35:37

| EXAM | | | EXAM EXTENT | | | | | | | | | | | | | |
|------|-----|-------|-------------|---------|---------|-----|-------|-------|----------|------|-------|-----|-----|-----|-----|------|
| ROW | LIN | DATE | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | | VOLTS | MIL | DEG | % | CH | CHNG |
| 1 | 58 | 04/95 | H | TSH-TSH | TSH-TSH | | 00179 | 600HP | TSH+ | 0.17 | 0.39 | | 75 | PLI | P 3 | |
| 159 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00101 | 610HS | 02H+ | 1.58 | 13.47 | | 0 | PLP | 8 | |
| | | | | | | | | | | | | | | | | |

| | |
|--|---|
| NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: | 2 |
| NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: | 2 |

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: PLI, PLP

REPORT OPTIONS:

Only examination results matching criteria are included

APPENDIX E

TUBE PLUG MAP



| OUTAGE/YEAR | STEAM GENERATOR 11 | | STEAM GENERATOR 12 | |
|----------------|--------------------|------------------|--------------------|------------------|
| | NUMBER OF PLUGS | %BOBBIN EXAMINED | NUMBER OF PLUGS | %BOBBIN EXAMINED |
| FACTORY 6/78 | 4 | NA | 20 | NA |
| BASELINE 8/81 | 4 | NA | 6 | NA |
| 1987 (CORNERS) | 20 | 32 | 14 | 31 |
| UIR1 | 11 | 21 | 1 | 34 |
| UIR2 | 12 | 100 | 8 | 100 |
| UIR3 | 23 | 37 | 18 | 100 |
| UIR4 | 56 | 100 | 126 | 100 |
| UIR5 | 39 | 100 | 109 | 100 |
| TOTAL | 169 | | 302 | |



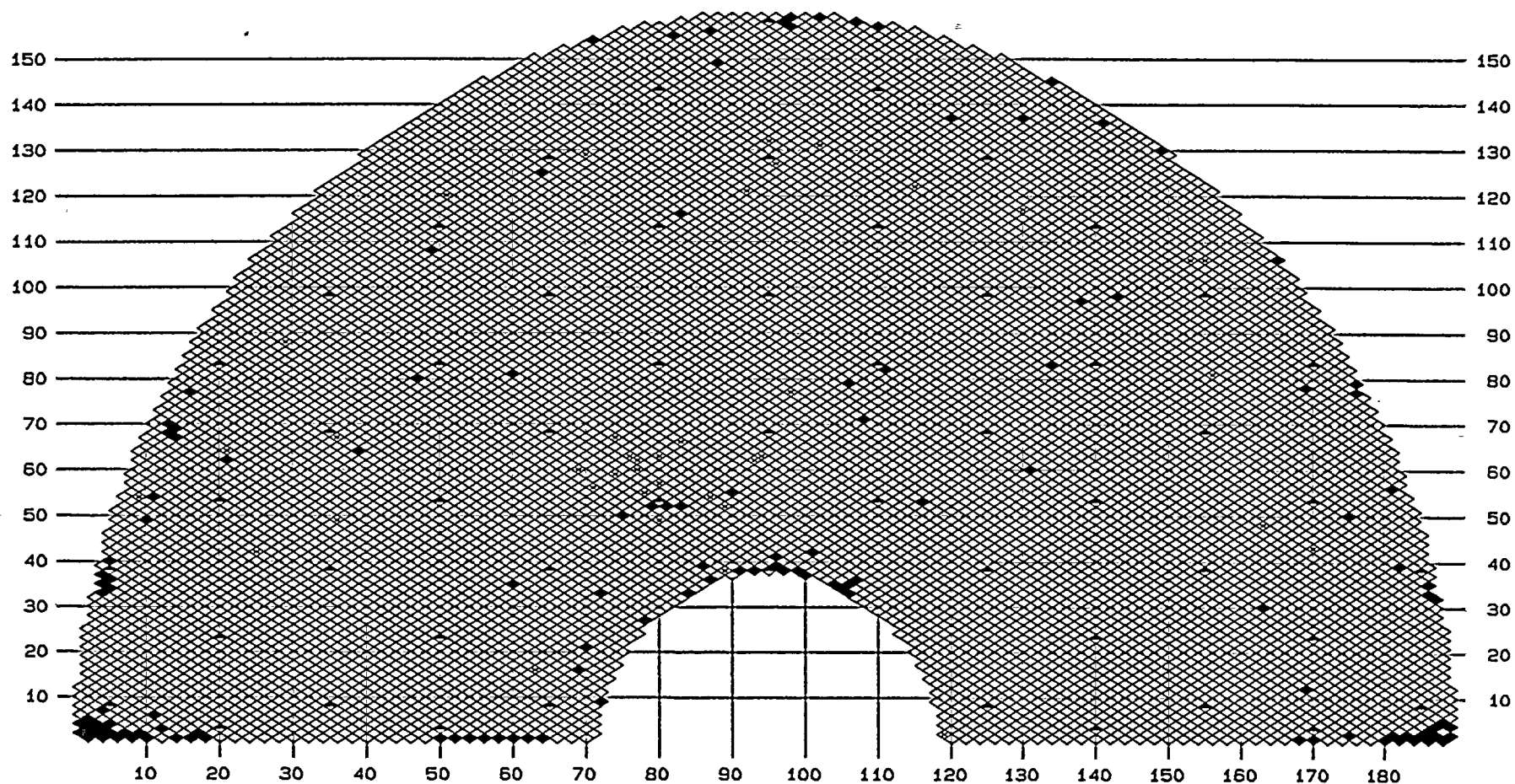
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 11
OUTAGE DATA SET : CURRENT
Percent: TBP

DATE: 08/17/95
TIME: 08: 47: 41

STAYS

PLUGGED 130 ♦ TBP 39 x



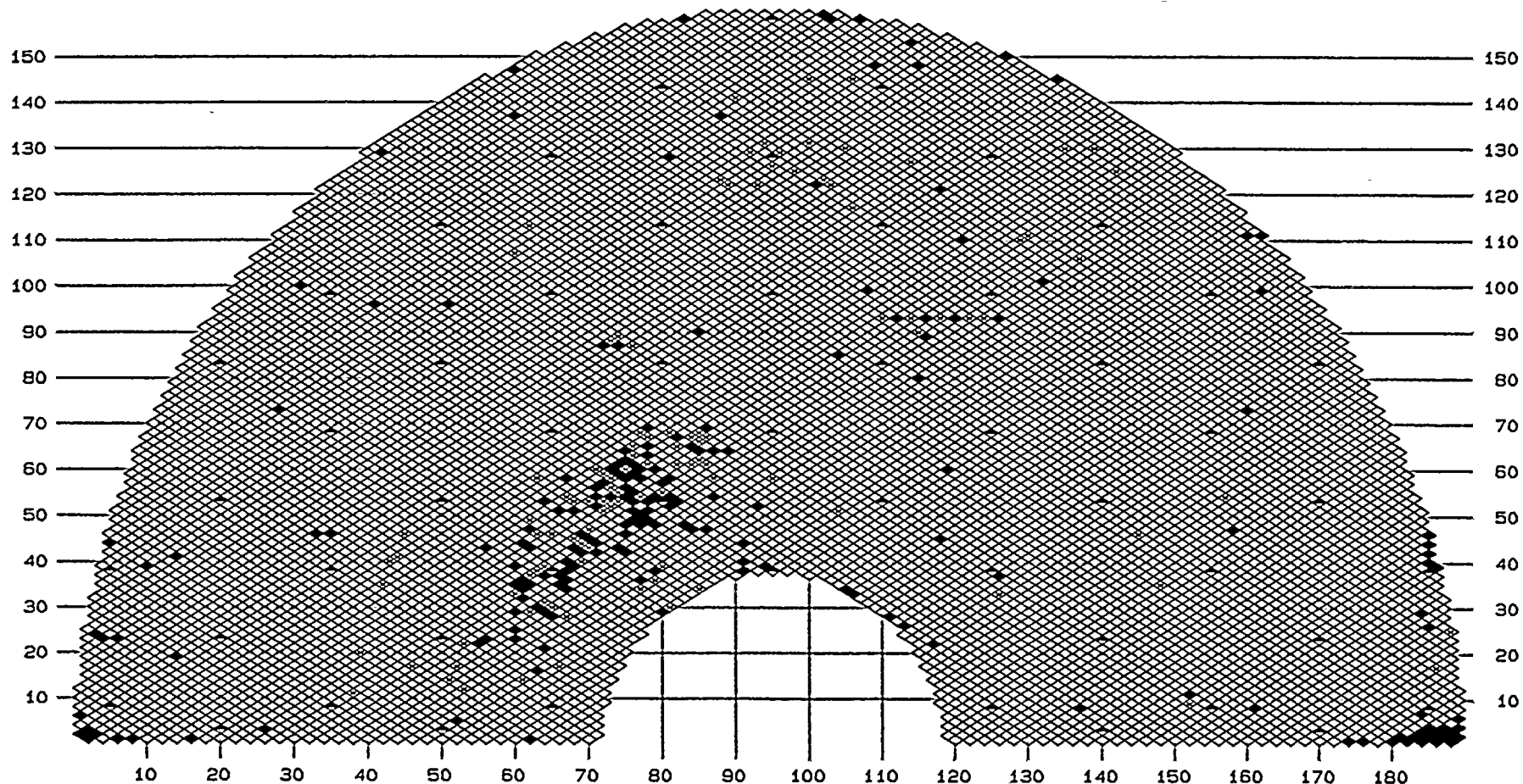
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR: 12
OUTAGE DATA SET : CURRENT
Percent: TBP

DATE: 08/17/95
TIME: 10:01:06

STAYS

PLUGGED 193 ♦ TBP 109 x





APPENDIX F

FORM NIS-1

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 85072
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER: 1
4. OWNERS CERTIFICATE OF AUTHORIZATION NONE
5. COMMERCIAL SERVICE DATE: 1/28/86
6. COMPONENTS INSPECTED:

| COMPONENT OR APPURTENANCE | MANUFACTURER OR INSTALLER | SERIAL NUMBER | STATE OR PROVINCE | NATIONAL BOARD NO |
|---|---------------------------|---------------|-------------------|-------------------|
| IMRCEE01A
STEAM GENERATOR 11
TUBING | COMBUSTION
ENGINEERING | 78273-1 | N/A | 22499 |
| IMRCEE01B
STEAM GENERATOR 12
TUBING | COMBUSTION
ENGINEERING | 78273-2 | N/A | 22500 |



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 4/15/95 TO 5/1/95
8. INSPECTION INTERVAL FROM 1/28/86 TO 3/17/97
9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL

In Steam Generator 11 100% of the tubes were examined full length with the bobbin coil. 100% of the tubing was examined at the top of the hot leg tubesheet using RC. Approximately 2200 tubes were examined at the top of the cold leg tubesheet using RC. Approximately 2750 tubes were examined 07H- 2nd VS using RC. Multiple expansions were performed. The number of tubes and description of expansions are located in Table 1 of this report.

In Steam Generator 12 100% of the tubes were examined full length with the bobbin coil. 100% of the tubing was examined at the top of the hot leg tubesheet using RC. Approximately 2200 tubes were examined at the top of the cold leg tubesheet using RC. Approximately 2750 tubes were examined 07H- 2nd VS using RC. Multiple expansions were performed. The number of tubes and description of expansions are located in Table 1 of this report.

Several degraded/defective tubes were observed during testing and they are documented in Appendix C and D of this report. The tubes identified on the following pages were plugged as a result of this examination.

OF TUBES PLUGGED -SG 11 = 39, SG 12 = 109

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 10-4-95 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY *[Signature]*

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 4-15-95 TO 5-1-95, 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 *[Signature]*

COMMISSIONS JB 9685 "N" "I" Az. 264
NATL' BOARD, STATE, PROVINCE

DATE 10-4-95

10-1-61

7 p - 12 - 61

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 1 OF 2
DATE: 08/17/95
TIME: 08:16:22

| ROW | EXAM
LIN DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------------------|-----|------------------------|--------|-----|-------|-------|----------|-------|-----|-----|-----|------|
| 54 | 9 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 64 | 21 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 42 | 25 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 88 | 29 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 49 | 36 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 67 | 36 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 120 | 51 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 16 | 63 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 60 | 69 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 129 | 70 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 56 | 71 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 59 | 74 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 67 | 74 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 63 | 76 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 60 | 77 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 62 | 77 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 55 | 78 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 49 | 80 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 57 | 80 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 63 | 80 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 66 | 83 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 54 | 87 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 38 | 89 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 52 | 89 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 121 | 92 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 62 | 93 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 63 | 94 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 132 | 95 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 127 | 96 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 77 | 98 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 131 | 102 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 122 | 115 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 2 | 119 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 117 | 130 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 106 | 153 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 106 | 155 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 81 | 156 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 48 | 163 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 43 | 170 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 2 OF 2
DATE: 08/17/95
TIME: 08:16:22

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 39
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 39

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA: .
Percent: TBP

REPORT OPTIONS:
Only examination results matching criteria are included

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 1 OF 3
DATE: 09/27/95
TIME: 16:10:24

| EXAM | | EXAM EXTENT | | | | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | t | CH | CHNG |
|------|-----|-------------|-----|---------|--------|-------|-------|----------|-------|-----|-----|-----|----|------|
| ROW | LIN | DATE | LEG | PROGRAM | ACTUAL | EXP | | | | | | | | |
| 11 | 38 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 20 | 39 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 35 | 42 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 40 | 43 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 41 | 44 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 46 | 45 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 17 | 46 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 14 | 51 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 17 | 52 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 12 | 53 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 22 | 53 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 33 | 60 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 107 | 60 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 14 | 61 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 29 | 62 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 37 | 62 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 49 | 62 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 113 | 62 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 38 | 63 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 46 | 63 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 58 | 63 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 31 | 64 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 39 | 64 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 30 | 65 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 46 | 65 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 17 | 66 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 28 | 67 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 54 | 67 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 45 | 68 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 53 | 68 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 40 | 69 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 44 | 69 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 43 | 70 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 47 | 70 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 53 | 70 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 60 | 71 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 51 | 72 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 53 | 72 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 59 | 72 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 52 | 73 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 56 | 73 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 58 | 73 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 88 | 73 | 04/95 | H | - | - | 00000 | | | | | | TBP | | |
| 53 | 74 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |
| 55 | 74 | 04/95 | H | TEH-TEH | - | 00000 | | | | | | TBP | | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 2 OF 3
DATE: 09/27/95
TIME: 16:10:24

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-----|-----------|-----|---------------------|--------|-----|-------|-------|----------|-------|-----|-----|-----|------|
| 89 | 74 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 60 | 75 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 63 | 76 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 65 | 76 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 87 | 76 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 34 | 77 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 54 | 77 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 68 | 77 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 61 | 78 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 67 | 78 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 36 | 79 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 39 | 80 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 55 | 80 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 30 | 81 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 68 | 81 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 61 | 82 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 65 | 82 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 61 | 84 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 67 | 84 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 34 | 85 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 62 | 85 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 66 | 85 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 68 | 85 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 61 | 86 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 67 | 86 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 58 | 87 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 123 | 88 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 122 | 89 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 141 | 90 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 129 | 92 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 122 | 93 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 131 | 94 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 58 | 95 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 126 | 95 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 129 | 96 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 125 | 98 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 131 | 100 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 145 | 100 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 123 | 102 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 122 | 103 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 51 | 104 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | TBP | |
| 130 | 105 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 117 | 106 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 145 | 106 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |
| 93 | 110 | 04/95 | H | - | - | | 00000 | | | | | | TBP | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 12
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 3 OF 3
DATE: 09/27/95
TIME: 16:10:24

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|--------|-----|-------|-------|----------|-------|-----|-----|---|-----|------|
| 93 | 114 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 127 | 114 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 90 | 115 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 93 | 118 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 93 | 122 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 93 | 124 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 33 | 126 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 110 | 129 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 111 | 130 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 130 | 135 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 106 | 137 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 130 | 139 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 125 | 142 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 46 | 145 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 35 | 148 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 9 | 152 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 54 | 157 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |
| 17 | 186 | 04/95 | H | TEH-TEH | - | | 00000 | | | | | | | TBP | |
| 25 | 188 | 04/95 | H | - | - | | 00000 | | | | | | | TBP | |

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 109
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 109

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:
Percent: TBP

REPORT OPTIONS:
Only examination results matching criteria are included

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 1 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 39 | 4 | 04/95 | C | TEC-TEH | TEC-TEH | | 00161 | 610HS | 04C- 0.85 | 0.16 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00161 | 610HS | 03C- 0.84 | 0.32 | | 0 | <20 | P 2 | |
| 10 | 7 | 04/95 | C | TEC-TEH | TEC-TEH | | 00120 | 610HS | BW2+ 2.00 | 0.14 | | 0 | <20 | P 2 | |
| 40 | 7 | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1+ 2.25 | 0.23 | | 0 | <20 | P 2 | |
| 55 | 8 | 04/95 | C | TEC-TEH | TEC-TEH | | 00161 | 610HS | BW2- 2.00 | 0.36 | | 0 | <20 | P 2 | |
| 54 | 9 | 04/95 | H | TSH-TSH | TSH-TSH | | 00109 | 600HP | TSH- 0.34 | 0.90 | | 24 | SCI | P 2 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00109 | 600HP | TSH- 0.34 | | | 0.6 | SCI | P 2 | |
| 51 | 10 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.81 | 0.17 | | 0 | <20 | P 2 | |
| 1 | 12 | 04/95 | C | TEC-07H | TEC-07H | | 00170 | 580HP | 03C- 0.97 | 0.39 | | 0 | <20 | P 2 | |
| 51 | 12 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 1.90 | 0.30 | | 0 | <20 | P 2 | |
| 67 | 12 | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1- 1.75 | 0.17 | | 0 | <20 | P 2 | |
| 2 | 13 | 04/95 | C | TEC-07H | TEC-07H | | 00170 | 580HP | 03C- 0.96 | 0.37 | | 0 | <20 | P 2 | |
| 10 | 13 | 04/95 | C | TEC-TEH | TEC-TEH | | 00120 | 610HS | BW2+ 1.00 | 0.18 | | 0 | <20 | P 2 | |
| 34 | 13 | 04/95 | C | TEC-TEH | TEC-TEH | | 00120 | 610HS | VS4- 0.92 | 0.25 | | 0 | <20 | P 2 | |
| 50 | 13 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 1.95 | 0.23 | | 0 | <20 | P 2 | |
| 76 | 13 | 04/95 | C | TEC-TEH | TEC-TEH | | 00161 | 610HS | 04C- 0.09 | 0.51 | | 0 | <20 | P 2 | |
| 23 | 14 | 04/95 | C | TEC-TEH | TEC-07C | | 00120 | 610HS | | | | | OBS | | |
| 57 | 14 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.88 | 0.21 | | 0 | <20 | P 2 | |
| 71 | 14 | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1+ 1.87 | 0.23 | | 0 | <20 | P 2 | |
| 48 | 15 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.88 | 0.26 | | 0 | <20 | P 2 | |
| 3 | 16 | 04/95 | C | TEC-07H | TEC-07H | | 00170 | 580HP | 03C- 0.18 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-07H | TEC-07H | | 00170 | 580HP | 03C- 1.03 | 0.28 | | 0 | <20 | P 2 | |
| 9 | 16 | 04/95 | C | BW2-BW2 | 07C-BW2 | 1 | 00212 | 580HP | BW2+ 0.00 | 0.40 | | 0 | <20 | P 2 | |
| 35 | 16 | 04/95 | C | TEC-TEH | TEC-TEH | | 00120 | 610HS | 02C+ 14.53 | 6.03 | | 19 | BLI | 1 | |
| 79 | 16 | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1+ 1.75 | 0.21 | | 0 | <20 | P 2 | |
| 32 | 17 | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | 00512 | 600HP | BW1+ 1.40 | 0.43 | | 0 | <20 | P 2 | |
| 38 | 17 | 04/95 | C | TEC-TEH | TEC-BW2 | | 00122 | 610HS | BW2+ 4.37 | | | | OBS | | |
| 60 | 17 | 04/95 | C | VS5-VS5 | VS5-VS5 | 1 | 00212 | 580HP | VS5- 0.44 | 0.42 | | 0 | <20 | P 2 | |
| 3 | 18 | 04/95 | C | TEC-07H | TEC-07H | | 00170 | 580HP | 02C+ 0.83 | 0.29 | | 0 | <20 | P 2 | |
| 35 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | BW1+ 2.00 | 0.28 | | 0 | <20 | P 2 | |
| 41 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | 02H+ 20.54 | 6.57 | | 15 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | 02H+ 25.69 | 10.58 | | 18 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | 02H+ 30.24 | 2.52 | | 9 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | 02H+ 38.33 | 4.75 | | 11 | BLI | 1 | |
| 43 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | VS4+ 0.92 | 0.31 | | 0 | <20 | P 2 | |
| 51 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.83 | 0.25 | | 0 | <20 | P 2 | |
| 57 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 1.76 | 0.28 | | 0 | <20 | P 2 | |
| 73 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 2.10 | 0.35 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ 2.18 | 0.40 | | 0 | <20 | P 2 | |
| 81 | 18 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ 1.67 | 0.50 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ 1.69 | 0.53 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1+ 1.86 | 0.57 | | 0 | <20 | P 2 | |
| 85 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00162 | 610HS | BW1+ 2.20 | 0.27 | | 0 | <20 | P 2 | |
| 91 | 18 | 04/95 | C | TEC-TEH | TEC-TEH | | 00161 | 610HS | VS2+ 0.86 | 0.46 | | 0 | <20 | P 2 | |
| 32 | 19 | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | 00512 | 600HP | BW1+ 0.87 | 0.37 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 2 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|----------|--------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-------------|---|----|------|
| 48 | 19 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1- | 2.25 | 0.17 | | 0 <20 P 2 | | | |
| 54 | 19 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 2.04 | 0.28 | | 0 <20 P 2 | | | |
| 62 | 19 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 1.76 | 0.28 | | 0 <20 P 2 | | | |
| 74 | 19 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS VS5+ | 0.79 | 0.19 | | 0 <20 P 2 | | | |
| 84 | 19 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00162 | 610HS VS5+ | 0.75 | 1.67 | | 0 36 P 2 | | | |
| 1 | 20 04/95 | C 02C-02C 02C-02C | C | 02C-02C | 02C-02C | 1 | 00213 | 600HP 02C+ | 0.84 | 0.86 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-07H TEC-07H | C | TEC-07H | TEC-07H | | 00170 | 580HP 02C+ | 0.80 | 0.60 | | 0 <20 P 2 | | | |
| 21 | 20 04/95 | C TEC-TEH TEC-06C | C | TEC-TEH | TEC-06C | | 00122 | 610HS 06C+ | 37.17 | | | OBS | | | |
| 51 | 20 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.90 | 0.42 | | 0 <20 P 2 | | | |
| 81 | 20 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS 02C+ | 0.89 | 0.49 | | 0 <20 P 2 | | | |
| 85 | 20 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.88 | 0.19 | | 0 <20 P 2 | | | |
| 48 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 2.04 | 0.21 | | 0 <20 P 2 | | | |
| 60 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.91 | 0.13 | | 0 <20 P 2 | | | |
| 64 | 21 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00109 | 600HP TSH- | 0.30 | 0.78 | | 38 SCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00109 | 600HP TSH- | 0.30 | | | 0.3 SCI P 4 | | | |
| 68 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 2.05 | 0.33 | | 0 <20 P 2 | | | |
| 80 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 1.75 | 0.38 | | 0 <20 P 2 | | | |
| 84 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 2.10 | 0.32 | | 0 <20 P 2 | | | |
| 86 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.80 | 0.35 | | 0 <20 P 2 | | | |
| 92 | 21 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00080 | 610HS VS2+ | 0.88 | 0.17 | | 0 <20 P 2 | | | |
| 51 | 22 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS VS4+ | 0.60 | 0.48 | | 0 <20 P 2 | | | |
| 50 | 23 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 1.75 | 0.35 | | 0 <20 P 2 | | | |
| 64 | 23 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1- | 2.00 | 0.23 | | 0 <20 P 2 | | | |
| 88 | 23 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.99 | 0.36 | | 0 <20 P 2 | | | |
| 49 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.97 | 0.28 | | 0 <20 P 2 | | | |
| 53 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.91 | 0.19 | | 0 <20 P 2 | | | |
| 55 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1- | 2.25 | 0.29 | | 0 <20 P 2 | | | |
| 57 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1- | 2.00 | 0.33 | | 0 <20 P 2 | | | |
| 59 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 1.86 | 0.48 | | 0 <20 P 2 | | | |
| 61 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.91 | 0.27 | | 0 <20 P 2 | | | |
| 89 | 24 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.85 | 0.25 | | 0 <20 P 2 | | | |
| 8 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00122 | 610HS BW2- | 2.00 | 0.28 | | 0 <20 P 2 | | | |
| 10 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00124 | 610HS BW2+ | 1.75 | 0.36 | | 0 <20 P 2 | | | |
| 42 | 25 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00110 | 600HP TSH- | 0.23 | 0.30 | | 0.3 SVI P 2 | | | |
| 48 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.97 | 0.21 | | 0 <20 P 2 | | | |
| 50 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 2.09 | 0.35 | | 0 <20 P 2 | | | |
| 52 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.97 | 0.22 | | 0 <20 P 2 | | | |
| 56 | 25 04/95 | C 02C-03C 02C-03C | C | 02C-03C | 02C-03C | | 00213 | 600HP 02C+ | 31.05 | 1.04 | | 0.2 SVI P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS 02C+ | 31.02 | 1.08 | | 143 20 1 | | | |
| 58 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS BW1+ | 1.95 | 0.41 | | 0 <20 P 2 | | | |
| 60 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS BW1+ | 1.95 | 0.39 | | 0 <20 P 2 | | | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP BW1+ | 2.06 | 0.63 | | 0 <20 P 2 | | | |
| 80 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00104 | 610HS VS5- | 1.00 | 0.28 | | 0 <20 P 2 | | | |
| 82 | 25 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00105 | 610HS TSH+ | 4.44 | 0.63 | | 125 <20 P 1 | | | |
| | 04/95 | H TSH-01H TSH-01H | H | TSH-01H | TSH-01H | 1 | 00526 | 580HP TSH+ | 4.80 | 0.39 | | 0.4 SVI P 2 | | | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 3 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|-------|------------|-------|-----|---------|-----|------|
| LIN | DATE | | | | | | | | | | | | | |
| 39 | 26 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | BW1+ 2.17 | 0.41 | | 0<20 | P 2 | |
| 47 | 26 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | 04H+ 35.72 | 7.53 | | 7 BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | 07C+ 28.20 | 3.08 | | 16 BLI | 1 | |
| 53 | 26 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 2.05 | 0.19 | | 0<20 | P 2 | |
| 55 | 26 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 2.25 | 0.25 | | 0<20 | P 2 | |
| 59 | 26 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1- 1.76 | 0.34 | | 0<20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 1.75 | 0.43 | | 0<20 | P 2 | |
| 32 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | BW1+ 2.10 | 0.41 | | 0<20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | BW2+ 1.87 | 0.31 | | 0<20 | P 2 | |
| 52 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.94 | 0.26 | | 0<20 | P 2 | |
| 58 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | BW1+ 2.23 | 0.36 | | 0<20 | P 2 | |
| 60 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.95 | 0.26 | | 0<20 | P 2 | |
| 64 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1- 2.03 | 0.26 | | 0<20 | P 2 | |
| 66 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | VS5- 0.82 | 0.26 | | 0<20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00105 | 610HS | VS5+ 1.07 | 0.47 | | 0<20 | P 2 | |
| 68 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1- 2.00 | 0.21 | | 0<20 | P 2 | |
| 108 | 27 | 04/95 | C | TEC-TEH | TEC-TEH | | 00080 | 610HS | BW1+ 2.00 | 0.71 | | 0 21 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP | BW1+ 2.15 | 0.41 | | 0<20 | P 2 | |
| 41 | 28 | 04/95 | C | TEC-TEH | TEC-TEH | | 00124 | 610HS | BW1+ 1.75 | 0.24 | | 0<20 | P 2 | |
| 57 | 28 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.75 | 0.47 | | 0<20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ 1.85 | 0.60 | | 0<20 | P 2 | |
| 65 | 28 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | 08C+ 1.18 | 0.36 | | 0<20 | P 2 | |
| 73 | 28 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1- 1.94 | 0.30 | | 0<20 | P 2 | |
| 83 | 28 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.84 | 0.31 | | 0<20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3+ 0.74 | 0.31 | | 0<20 | P 2 | |
| 111 | 28 | 04/95 | C | TEC-TEH | TEC-TEH | | 00080 | 610HS | VS2- 0.78 | 0.44 | | 0<20 | P 2 | |
| 40 | 29 | 04/95 | C | TEC-TEH | TEC-TEH | | 00122 | 610HS | BW1+ 2.00 | 0.40 | | 0<20 | P 2 | |
| 52 | 29 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.85 | 0.35 | | 0<20 | P 2 | |
| 60 | 29 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.75 | 0.44 | | 0<20 | P 2 | |
| 88 | 29 | 04/95 | H | TSH-01H | TSH-02H | | 00529 | 600HP | TSH+ 5.08 | 3.45 | | 0.7 MVI | P 2 | |
| | | 04/95 | H | TSH-01H | TSH-02H | 1 | 00529 | 580HP | TSH+ 5.62 | 4.90 | | 0.8 MVI | P 2 | |
| 17 | 30 | 04/95 | C | TEC-TEH | TEC-TEH | | 00124 | 610HS | VS4- 0.94 | 0.20 | | 0<20 | P 2 | |
| 65 | 30 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.87 | 0.18 | | 0<20 | P 2 | |
| 81 | 30 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.77 | 0.32 | | 0<20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3+ 1.02 | 0.17 | | 0<20 | P 2 | |
| 52 | 31 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.94 | 0.26 | | 0<20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | VS3+ 0.73 | 0.28 | | 0<20 | P 2 | |
| 68 | 31 | 04/95 | C | TEC-TEH | TEC-TEH | | 00104 | 610HS | BW1+ 1.75 | 0.17 | | 0<20 | P 2 | |
| 92 | 31 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00305 | 580HP | BW1+ 1.50 | 1.65 | | 0 28 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00046 | 610HS | BW1+ 1.83 | 0.76 | | 0 23 | P 2 | |
| 96 | 31 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00305 | 580HP | BW1+ 1.92 | 0.48 | | 0<20 | P 2 | |
| 100 | 31 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00305 | 580HP | VS3+ 0.97 | 0.61 | | 0<20 | P 2 | |
| 104 | 31 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00305 | 580HP | BW1+ 1.74 | 0.47 | | 0<20 | P 2 | |
| 116 | 31 | 04/95 | C | TEC-TEH | TEC-TEH | | 00080 | 610HS | BW2+ 2.00 | 0.39 | | 0<20 | P 2 | |
| 51 | 32 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ 1.95 | 0.24 | | 0<20 | P 2 | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM
LIN DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------------------|-----|------------------------|--------|-----|-------|------------|----------|-------|-----|-----------|----|------|
| 61 | 32 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS BW1- | 2.06 | 0.32 | | 0 <20 P 2 | | |
| 63 | 32 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS BW1- | 2.05 | 0.24 | | 0 <20 P 2 | | |
| 65 | 32 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS VS3- | 0.74 | 0.16 | | 0 <20 P 2 | | |
| 67 | 32 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS BW1+ | 2.10 | 0.58 | | 0 <20 P 2 | | |
| 109 | 32 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP 08H- | 1.05 | 0.22 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP 08H+ | 1.00 | 0.50 | | 0 <20 P 2 | | |
| 111 | 32 04/95 | C | TEC-TEH TEC-TEH | | | 00102 | 610HS VS2+ | 0.72 | 0.21 | | 0 <20 P 2 | | |
| 113 | 32 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP BW1- | 1.88 | 0.42 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP BW1+ | 2.29 | 0.47 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP VS2- | 0.86 | 0.22 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP VS2+ | 1.15 | 0.37 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP VS3- | 0.95 | 0.31 | | 0 <20 P 2 | | |
| 117 | 32 04/95 | H | 07H-VS3 07H-VS3 | | | 00484 | 580MB 09H- | 1.48 | 0.56 | | 0 <20 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00080 | 610HS 09H- | 0.59 | 0.51 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00484 | 580MB 09H+ | 0.29 | 1.06 | | 0 26 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00080 | 610HS 09H+ | 0.78 | 0.67 | | 0 <20 P 2 | | |
| 50 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS BW1+ | 1.89 | 0.33 | | 0 <20 P 2 | | |
| 52 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS BW1+ | 1.75 | 0.24 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-08H 07H-BW1 | 1 | | 00512 | 600HP BW1+ | 2.05 | 0.21 | | 0 <20 P 2 | | |
| 60 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 07H+ | 1.03 | 0.23 | | 0 <20 P 2 | | |
| 64 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 07H+ | 0.77 | 0.23 | | 0 <20 P 2 | | |
| 68 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 08H+ | 0.68 | 0.33 | | 0 <20 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS VS3- | 0.60 | 0.25 | | 0 <20 P 2 | | |
| 76 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS VS5+ | 0.71 | 0.33 | | 0 <20 P 2 | | |
| 88 | 33 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS VS5+ | 0.77 | 0.72 | | 0 21 P 2 | | |
| 92 | 33 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP BW1- | 1.75 | 0.32 | | 0 <20 P 2 | | |
| 100 | 33 04/95 | H | 07H-VS3 07H-VS3 | | | 00305 | 580HP BW1+ | 1.93 | 0.56 | | 0 <20 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00046 | 610HS BW1+ | 2.06 | 0.32 | | 0 <20 P 2 | | |
| 114 | 33 04/95 | H | 07H-VS3 07H-BW1 | | | 00453 | 580HP 08H+ | 0.88 | 0.16 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-BW1 | | | 00453 | 580HP BW1+ | 1.85 | 0.25 | | 0 <20 P 2 | | |
| 116 | 33 04/95 | H | 07H-VS3 07H-VS3 | | | 00306 | 580HP 09H- | 0.48 | 0.22 | | 0 <20 P 2 | | |
| | 04/95 | H | 07H-VS3 07H-VS3 | | | 00306 | 580HP BW1+ | 1.67 | 0.14 | | 0 <20 P 2 | | |
| 17 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00125 | 610HS VS4- | 0.95 | 0.22 | | 0 <20 P 2 | | |
| 47 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS BW1+ | 1.99 | 0.28 | | 0 <20 P 2 | | |
| 49 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS BW1+ | 1.75 | 0.16 | | 0 <20 P 2 | | |
| 53 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 07H+ | 0.90 | 0.33 | | 0 <20 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS BW1+ | 1.76 | 0.20 | | 0 <20 P 2 | | |
| 61 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 07H+ | 0.80 | 0.21 | | 0 <20 P 2 | | |
| 67 | 34 04/95 | H | 08H-08H 08H-08H | | | 00496 | 600HP 08H- | 0.59 | 0.61 | | 0 <20 P 2 | | |
| | 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS 08H- | 0.13 | 0.55 | | 0 <20 P 2 | | |
| 69 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00106 | 610HS 08H+ | 0.75 | 0.37 | | 0 <20 P 2 | | |
| 79 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS VS3+ | 0.98 | 0.28 | | 0 <20 P 2 | | |
| 83 | 34 04/95 | C | TEC-TEH TEC-TEH | | | 00107 | 610HS BW2+ | 2.14 | 0.26 | | 0 <20 P 2 | | |
| 111 | 34 04/95 | H | 07H-VS3 07H-VS3 | | | 00453 | 580HP VS3- | 0.76 | 0.36 | | 0 <20 P 2 | | |
| 115 | 34 04/95 | H | 07H-VS3 07H-VS3 | | | 00294 | 580HP BW1+ | 2.09 | 0.57 | | 0 <20 P 2 | | |



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 5 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|----------|-------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-------------|---|----|------|
| 119 | 34 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00315 | 580HP BW1- | 1.92 | 0.62 | | 0 <20 P 2 | | | |
| 52 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 07H+ | 0.83 | 0.38 | | 0 <20 P 2 | | | |
| 56 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 07H+ | 0.93 | 0.16 | | 0 <20 P 2 | | | |
| 60 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 07H+ | 0.09 | 0.12 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 07H+ | 0.89 | 0.14 | | 0 <20 P 2 | | | |
| 66 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS 08H- | 1.00 | 0.34 | | 0 <20 P 2 | | | |
| 76 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS VS3- | 0.51 | 0.39 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS VS5+ | 0.67 | 0.35 | | 0 <20 P 2 | | | |
| 78 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS VS3- | 0.72 | 0.39 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS VS5+ | 0.85 | 0.22 | | 0 <20 P 2 | | | |
| 80 | 35 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS BW1+ | 1.86 | 0.23 | | 0 <20 P 2 | | | |
| 82 | 35 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP VS3- | 1.03 | 0.96 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS VS3- | 0.82 | 1.29 | | 0 29 P 2 | | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP VS3- | 0.66 | 1.19 | | 0 22 P 2 | | | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP VS3+ | 0.83 | 0.33 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS VS5- | 0.57 | 0.85 | | 0 23 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS VS5+ | 0.92 | 0.24 | | 0 <20 P 2 | | | |
| 106 | 35 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00298 | 580HP BW1- | 1.82 | 0.69 | | 0 <20 P 2 | | | |
| 122 | 35 04/95 | H 07H-VS2 08H-VS2 | H | 07H-VS2 | 08H-VS2 | | 00316 | 580HP 09H+ | 0.87 | 0.34 | | 0 <20 P 2 | | | |
| 17 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00125 | 610HS VS4+ | 0.95 | 0.20 | | 0 <20 P 2 | | | |
| 39 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00127 | 610HS BW1+ | 2.25 | 0.28 | | 0 <20 P 2 | | | |
| 49 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 8.67 | 3.29 | | 9 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 9.15 | 3.54 | | 13 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 12.37 | 2.04 | | 7 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 13.39 | 6.88 | | 15 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 16.28 | 4.30 | | 11 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 02H+ | 16.85 | 3.55 | | 10 BLI 1 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 04H+ | 6.35 | 28.77 | | 23 BLI 1 | | | |
| | 04/95 | H 04H-05H 04H-05H | H | 04H-05H | 04H-05H | | 00532 | 600HP 04H+ | 6.37 | 3.69 | | 0.4 SVI P 2 | | | |
| 59 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS BW1- | 1.75 | 0.29 | | 0 <20 P 2 | | | |
| 65 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 07H+ | 0.06 | 0.23 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 08H- | 0.81 | 0.14 | | 0 <20 P 2 | | | |
| 67 | 36 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00121 | 600HP TSH- | 0.33 | 0.60 | | 0.2 SAI P 3 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00107 | 610HS 08H+ | 1.59 | 0.27 | | 0 <20 P 2 | | | |
| 77 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS 08H+ | 0.83 | 0.26 | | 0 <20 P 2 | | | |
| 81 | 36 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS VS3+ | 0.78 | 0.31 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00106 | 610HS VS5+ | 1.06 | 0.65 | | 0 <20 P 2 | | | |
| 99 | 36 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00453 | 580HP BW1+ | 1.99 | 0.62 | | 0 <20 P 2 | | | |
| 109 | 36 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP BW1+ | 1.90 | 0.51 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00046 | 610HS BW1+ | 2.03 | 0.36 | | 0 <20 P 2 | | | |
| 111 | 36 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00299 | 580HP 08H+ | 0.56 | 0.45 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00299 | 580HP VS2- | 0.90 | 0.49 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00045 | 610HS VS2- | 0.81 | 0.66 | | 0 24 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00045 | 610HS VS3- | 0.96 | 0.54 | | 0 21 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00299 | 580HP VS3+ | 1.08 | 0.69 | | 0 <20 P 2 | | | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 6 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM
LIN | DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-------------|-------|-----|------------------------|---------|-----|-------|-------|----------|-------|-------|-----|-----|------|
| 113 | 36 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00298 | 580HP | BW1+ | 1.76 | 0.91 | 0 | 21 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00046 | 610HS | BW1+ | 2.02 | 0.26 | 0 | <20 | P 2 |
| 52 | 37 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1+ | 1.75 | 0.41 | 0 | <20 | P 2 |
| 60 | 37 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | 07C+ | 0.07 | 0.16 | 0 | <20 | P 2 |
| 82 | 37 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW2+ | 1.81 | 0.20 | 0 | <20 | P 2 |
| 84 | 37 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1+ | 1.76 | 0.28 | 0 | <20 | P 2 |
| 98 | 37 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00453 | 580HP | BW1+ | 0.65 | 0.47 | 0 | <20 | P 2 |
| 124 | 37 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00314 | 580HP | 09H+ | 0.66 | 0.52 | 0 | <20 | P 2 |
| 47 | 38 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ | 1.87 | 0.40 | 0 | <20 | P 2 |
| 59 | 38 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ | 2.13 | 0.16 | 0 | <20 | P 2 |
| 61 | 38 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | 07H+ | 0.96 | 0.22 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-BW1 | 07H-BW1 | 1 | 00512 | 600HP | 07H+ | 1.06 | 0.11 | 0 | <20 | P 2 |
| 71 | 38 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1- | 2.00 | 0.35 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ | 2.06 | 0.52 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | VS3- | 0.87 | 0.35 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | VS5+ | 0.77 | 0.39 | 0 | <20 | P 2 |
| 107 | 38 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00453 | 580HP | 07H- | 0.17 | 0.35 | 0 | <20 | P 2 |
| 109 | 38 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | VS2- | 0.94 | 1.50 | 0 | 28 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00045 | 610HS | VS2- | 0.83 | 1.42 | 0 | 35 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | VS2+ | 0.88 | 0.90 | 0 | 20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00045 | 610HS | VS2+ | 0.95 | 0.78 | 0 | 26 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00045 | 610HS | VS5- | 0.70 | 1.60 | 0 | 37 | P 2 |
| 111 | 38 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00453 | 580HP | VS2- | 0.40 | 0.38 | 0 | <20 | P 2 |
| 117 | 38 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | BW1+ | 1.89 | 0.67 | 0 | <20 | P 2 |
| 123 | 38 | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW2- | 1.75 | 0.15 | 0 | <20 | P 2 |
| 38 | 39 | 04/95 | C | TEC-TEH | TEC-TEH | | 00125 | 610HS | BW1+ | 1.79 | 0.27 | 0 | <20 | P 2 |
| 48 | 39 | 04/95 | C | TEC-TEH | TEC-TEH | | 00164 | 610HS | BW1+ | 2.11 | 0.28 | 0 | <20 | P 2 |
| 68 | 39 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | VS5+ | 0.93 | 0.46 | 0 | <20 | P 2 |
| 70 | 39 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | 08H+ | 0.75 | 0.21 | 0 | <20 | P 2 |
| 112 | 39 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | BW1- | 1.80 | 0.24 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | BW1+ | 1.90 | 0.31 | 0 | <20 | P 2 |
| 114 | 39 | 04/95 | C | TEC-TEH | TEC-TEH | | 00052 | 610HS | BW1+ | 2.00 | 0.25 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00052 | 610HS | VS6- | 0.89 | 0.44 | 0 | <20 | P 2 |
| 17 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | 00125 | 610HS | VS4- | 0.87 | 0.16 | 0 | <20 | P 2 |
| 59 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | 01H+ | 8.03 | 12.11 | 8 | BLI | P 1 |
| 61 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | BW1+ | 1.75 | 0.14 | 0 | <20 | P 2 |
| 73 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | 08H+ | 0.90 | 0.38 | 0 | <20 | P 2 |
| 81 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | 00106 | 610HS | VS5- | 0.85 | 0.21 | 0 | <20 | P 2 |
| 109 | 40 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00293 | 580HP | BW1+ | 1.93 | 0.33 | 0 | <20 | P 2 |
| 111 | 40 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00289 | 580HP | VS2- | 0.53 | 0.93 | 0 | <20 | P 2 |
| 113 | 40 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00286 | 580HP | BW1+ | 2.33 | 0.65 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TSC-TEH | | 00052 | 610HS | VS5+ | 0.95 | 0.85 | 0 | 24 | P 2 |
| 115 | 40 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00294 | 580HP | BW1- | 1.47 | 0.63 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00294 | 580HP | BW1+ | 2.05 | 0.79 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | BW1+ | 2.25 | 0.56 | 0 | <20 | P 2 |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 7 OF 38
 DATE: 08/17/95
 TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | t | CH | CHNG |
|-----|-----|-----------|-----|---------|-------------|--------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 117 | 40 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00293 | 580HP | 09H+ | 1.58 | 0.70 | 0 | <20 | P 2 | |
| 119 | 40 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00064 | 610HS | 09H+ | 0.84 | 0.39 | 0 | <20 | P 2 | |
| 38 | 41 | 04/95 | C | 07C-08C | 07C-BW2 | 1 | | 00213 | 600HP | 07C+ | 3.17 | 0.60 | 0.3 | SVI | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00125 | 610HS | 07C+ | 2.90 | 1.30 | 150 | <20 | 1 | |
| 58 | 41 | 04/95 | H | BW1-VS3 | BW1-VS3 | | | 00495 | 580HP | BW1+ | 1.83 | 0.69 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1+ | 2.00 | 0.51 | 0 | <20 | P 2 | |
| 66 | 41 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5- | 0.46 | 0.61 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5+ | 0.58 | 0.35 | 0 | <20 | P 2 | |
| 70 | 41 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | 08H+ | 0.99 | 0.40 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5- | 0.70 | 0.80 | 0 | 22 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5+ | 0.77 | 0.99 | 0 | 25 | P 2 | |
| 88 | 41 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00106 | 610HS | VS2- | 0.77 | 0.11 | 0 | <20 | P 2 | |
| 104 | 41 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00286 | 580HP | BW1+ | 1.60 | 1.67 | 0 | 28 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00053 | 610HS | BW1+ | 1.99 | 0.37 | 0 | <20 | P 2 | |
| 110 | 41 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00052 | 610HS | BW1+ | 1.80 | 0.24 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00289 | 580HP | BW1+ | 1.94 | 0.93 | 0 | <20 | P 2 | |
| 112 | 41 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00286 | 580HP | BW1+ | 2.19 | 1.01 | 0 | 22 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00286 | 580HP | VS2+ | 0.89 | 1.07 | 0 | 23 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00053 | 610HS | VS2+ | 1.16 | 0.55 | 0 | <20 | P 2 | |
| 116 | 41 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00293 | 580HP | BW1- | 1.59 | 0.54 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00293 | 580HP | BW1+ | 1.96 | 1.20 | 0 | 28 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TSH | | | 00052 | 610HS | BW1+ | 2.15 | 0.90 | 0 | 25 | P 2 | |
| 124 | 41 | 04/95 | H | 07H-VS2 | 07H-VS2 | | | 00316 | 580HP | BW1+ | 1.89 | 0.25 | 0 | <20 | P 2 | |
| 39 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00127 | 610HS | BW1+ | 2.25 | 0.21 | 0 | <20 | P 2 | |
| 41 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00125 | 610HS | BW1+ | 1.97 | 0.22 | 0 | <20 | P 2 | |
| 51 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | 05C+ | 17.13 | 5.49 | 8 | BLI | P 1 | |
| 67 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5+ | 0.83 | 0.30 | 0 | <20 | P 2 | |
| 81 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00106 | 610HS | VS3+ | 0.77 | 0.16 | 0 | <20 | P 2 | |
| 117 | 42 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00052 | 610HS | BW1+ | 1.83 | 0.41 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00287 | 580HP | BW1+ | 1.99 | 0.82 | 0 | <20 | P 2 | |
| 121 | 42 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00317 | 580HP | BW1+ | 2.25 | 0.57 | 0 | <20 | P 2 | |
| 48 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1+ | 2.04 | 0.26 | 0 | <20 | P 2 | |
| 50 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | 07H+ | 0.96 | 0.41 | 0 | <20 | P 2 | |
| 52 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1+ | 2.23 | 0.13 | 0 | <20 | P 2 | |
| 64 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1- | 2.00 | 0.26 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1+ | 1.99 | 0.26 | 0 | <20 | P 2 | |
| 66 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1- | 2.15 | 0.20 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | VS5+ | 0.85 | 0.42 | 0 | <20 | P 2 | |
| 98 | 43 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00287 | 580HP | 07H- | 1.04 | 0.31 | 0 | <20 | P 2 | |
| 120 | 43 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00321 | 580HP | BW1- | 2.19 | 0.17 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00321 | 580HP | BW1+ | 1.98 | 0.91 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00064 | 610HS | BW1+ | 2.25 | 0.51 | 0 | <20 | P 2 | |
| 126 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00065 | 610HS | VS6+ | 0.90 | 0.24 | 0 | <20 | P 2 | |
| 130 | 43 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00082 | 610HS | 03C+ | 0.95 | 0.35 | 0 | <20 | P 2 | |
| 49 | 44 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00107 | 610HS | BW1+ | 2.04 | 0.21 | 0 | <20 | P 2 | |

ROCKRIDGE TECHNOLOGIES

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 8 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|-------|----------|-------|------|-----|-----|------|
| 65 | 44 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ | 1.78 | 0.37 | 0 | <20 | P 2 |
| 111 | 44 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | VS5+ | 0.86 | 0.50 | 0 | <20 | P 2 |
| 115 | 44 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | BW1+ | 1.75 | 0.27 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00288 | 580HP | BW1+ | 1.87 | 0.51 | 0 | <20 | P 2 |
| 119 | 44 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00322 | 580HP | BW1- | 1.72 | 0.42 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00322 | 580HP | BW1+ | 1.56 | 0.61 | 0 | <20 | P 2 |
| 121 | 44 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00321 | 580HP | BW1+ | 1.77 | 0.36 | 0 | <20 | P 2 |
| 50 | 45 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | BW1+ | 2.20 | 0.27 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | VS4+ | 2.96 | 5.36 | 4 | <20 | P 1 |
| | | 04/95 | C | BW2-VS4 | BW2-VS4 | | 00212 | 580HP | VS4+ | 2.96 | 5.96 | 0.1 | SVI | P 2 |
| 66 | 45 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | 08H- | 1.00 | 0.41 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | VS3- | 0.54 | 0.26 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | VS5- | 0.86 | 0.57 | 0 | <20 | P 2 |
| 68 | 45 | 04/95 | H | 08H-08H | 08H-08H | | 00496 | 600HP | 08H+ | 0.79 | 0.54 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | 08H+ | 0.81 | 0.56 | 0 | <20 | P 2 |
| 74 | 45 | 04/95 | C | TEC-TEH | TEC-TEH | | 00107 | 610HS | 08C+ | 0.09 | 0.36 | 0 | <20 | P 2 |
| 88 | 45 | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | BW1+ | 2.07 | 0.52 | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ | 2.10 | 0.68 | 0 | <20 | P 2 |
| 96 | 45 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | VS2- | 0.56 | 0.19 | 0 | <20 | P 2 |
| 57 | 46 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.75 | 0.44 | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00495 | 580HP | BW1+ | 2.05 | 0.54 | 0 | <20 | P 2 |
| 95 | 46 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | VS2- | 0.68 | 0.37 | 0 | <20 | P 2 |
| 111 | 46 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | VS5- | 0.78 | 0.21 | 0 | <20 | P 2 |
| 131 | 46 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00321 | 580HP | 08H+ | 19.60 | 0.23 | 0.3 | SVI | P 2 |
| 133 | 46 | 04/95 | C | TEC-TEH | TEC-TEH | | 00081 | 610HS | 03C+ | 0.01 | 0.44 | 0 | <20 | P 2 |
| 66 | 47 | 04/95 | H | 08H-08H | 08H-08H | | 00496 | 600HP | 08H- | 1.22 | 0.74 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 08H- | 1.02 | 0.74 | 0 | <20 | P 2 |
| 68 | 47 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.78 | 0.26 | 0 | <20 | P 2 |
| 84 | 47 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5+ | 0.89 | 0.30 | 0 | <20 | P 2 |
| 100 | 47 | 04/95 | C | TEC-TEH | TEC-TEH | | 00053 | 610HS | BW1+ | 1.90 | 0.41 | 0 | <20 | P 2 |
| 114 | 47 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00282 | 580HP | BW1+ | 1.97 | 0.36 | 0 | <20 | P 2 |
| 116 | 47 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00282 | 580HP | BW1- | 1.86 | 0.25 | 0 | <20 | P 2 |
| 57 | 48 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.76 | 0.29 | 0 | <20 | P 2 |
| 73 | 48 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3- | 0.73 | 0.17 | 0 | <20 | P 2 |
| 77 | 48 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3- | 0.98 | 0.35 | 0 | <20 | P 2 |
| 121 | 48 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00325 | 580HP | BW1+ | 1.75 | 0.79 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00065 | 610HS | BW1+ | 2.20 | 0.33 | 0 | <20 | P 2 |
| 56 | 49 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.89 | 0.15 | 0 | <20 | P 2 |
| 64 | 49 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.99 | 0.25 | 0 | <20 | P 2 |
| 78 | 49 | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3+ | 0.73 | 0.92 | 0 | <20 | P 2 |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3+ | 1.07 | 1.26 | 0 | <23 | P 2 |
| 118 | 49 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00325 | 580HP | BW1+ | 1.93 | 0.55 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00065 | 610HS | 09C+ | 1.00 | 0.58 | 0 | <20 | P 2 |
| 122 | 49 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00326 | 580HP | BW1+ | 2.16 | 0.85 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00065 | 610HS | BW1+ | 2.17 | 0.43 | 0 | <20 | P 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 9 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|----------|-----|---------|---------|-----|-------|-------|----------|-------|-------|-----|-----|-----|------|
| 61 | 50 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ | 1.85 | 0.24 | 0 | <20 | P 2 | |
| 121 | 50 04/95 | H | 07H-VS3 | 07H-VS3 | | 00326 | 580HP | VS2- | 0.89 | 0.39 | 0 | <20 | P 2 | |
| 125 | 50 04/95 | H | 07H-VS2 | 06H-VS2 | | 00326 | 580HP | BW1+ | 2.06 | 0.80 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00065 | 610HS | BW1+ | 2.25 | 0.37 | 0 | <20 | P 2 | |
| 76 | 51 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | 08H+ | 0.92 | 0.41 | 0 | <20 | P 2 | |
| 80 | 51 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5- | 0.87 | 0.30 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW2+ | 1.89 | 0.26 | 0 | <20 | P 2 | |
| 108 | 51 04/95 | H | 07H-VS3 | 07H-VS3 | | 00455 | 580HP | BW1+ | 2.12 | 0.32 | 0 | <20 | P 2 | |
| 120 | 51 04/95 | H | TSH-TSH | TSH-TSH | | 00164 | 600HP | TSH- | 0.26 | 0.33 | 32 | SCI | P 4 | |
| | 04/95 | H | TSH-TSH | TSH-TSH | | 00164 | 600HP | TSH- | 0.26 | | 0.3 | SCI | P 4 | |
| 67 | 52 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3+ | 0.61 | 0.63 | 0 | 21 | P 2 | |
| 73 | 52 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5- | 0.78 | 0.29 | 0 | <20 | P 2 | |
| 79 | 52 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- | 0.89 | 2.14 | 0 | 32 | P 2 | |
| 81 | 52 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3- | 0.87 | 0.69 | 0 | 22 | P 2 | |
| 87 | 52 04/95 | H | VS2-VS2 | VS2-VS2 | | 00495 | 580HP | VS2- | 0.91 | 1.74 | 0 | 28 | P 2 | |
| | 04/95 | H | VS2-VS2 | VS2-VS2 | | 00495 | 580HP | VS2+ | 0.94 | 0.25 | 0 | <20 | P 2 | |
| 89 | 52 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS2- | 0.96 | 0.61 | 0 | 20 | P 2 | |
| 141 | 52 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW2- | 2.00 | 0.36 | 0 | <20 | P 2 | |
| 54 | 53 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS4- | 0.81 | 0.42 | 0 | <20 | P 2 | |
| 82 | 53 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS5+ | 0.67 | 1.15 | 0 | 20 | P 2 | |
| 61 | 54 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1- | 2.00 | 0.20 | 0 | <20 | P 2 | |
| 63 | 54 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3+ | 0.83 | 0.55 | 0 | <20 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3+ | 1.08 | 0.47 | 0 | <20 | P 2 | |
| 75 | 54 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 02C+ | 4.59 | 10.87 | 10 | BLI | P 1 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 02C+ | 2.09 | 10.04 | 7 | BLI | P 1 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 02C- | 0.44 | 9.71 | 8 | BLI | P 1 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 02C- | 2.97 | 4.31 | 5 | BLI | P 1 | |
| 81 | 54 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5- | 1.07 | 0.69 | 0 | 21 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5+ | 0.86 | 0.70 | 0 | 22 | P 2 | |
| 91 | 54 04/95 | H | 07H-VS3 | 07H-VS3 | | 00242 | 580HP | 08H- | 0.11 | 0.37 | 0 | <20 | P 2 | |
| 113 | 54 04/95 | H | 07H-VS3 | 07H-VS3 | | 00275 | 580HP | VS2- | 0.57 | 0.24 | 0 | <20 | P 2 | |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00275 | 580HP | VS2+ | 1.13 | 0.44 | 0 | <20 | P 2 | |
| 115 | 54 04/95 | H | 07H-VS3 | 07H-VS3 | | 00279 | 580HP | BW1+ | 2.11 | 0.83 | 0 | <20 | P 2 | |
| 66 | 55 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3- | 0.73 | 0.52 | 0 | <20 | P 2 | |
| 80 | 55 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | 08H- | 0.06 | 0.34 | 0 | <20 | P 2 | |
| 82 | 55 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- | 0.97 | 1.36 | 0 | 24 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3- | 0.85 | 0.73 | 0 | 20 | P 2 | |
| | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3+ | 0.80 | 0.54 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3+ | 1.04 | 0.60 | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS5+ | 0.98 | 0.52 | 0 | <20 | P 2 | |
| 96 | 55 04/95 | C | TEC-TEH | TEC-TEH | | 00054 | 610HS | VS2- | 0.87 | 0.62 | 0 | <20 | P 2 | |
| | 04/95 | H | VS2-VS2 | 07H-VS3 | | 00457 | 580HP | VS2- | 0.86 | 0.74 | 0 | <20 | P 2 | |
| 100 | 55 04/95 | H | 07H-VS3 | 07H-VS3 | | 00249 | 580HP | VS2+ | 0.80 | 0.58 | 0 | <20 | P 2 | |
| 102 | 55 04/95 | H | 07H-VS3 | 08H-VS3 | | 00248 | 580HP | VS2- | 1.00 | 0.84 | 0 | 21 | P 2 | |
| 120 | 55 04/95 | H | 07H-VS3 | 07H-VS3 | | 00336 | 580HP | BW1+ | 2.16 | 0.28 | 0 | <20 | P 2 | |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 10 OF 38
 DATE: 08/17/95
 TIME: 08:24:42

| ROW | EXAM
LIN | DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-------------|-------|-----|------------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 144 | 55 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00462 | 580HP | 08H+ 0.72 | 0.52 | | 0 | <20 | P 2 | |
| 71 | 56 | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3+ 0.76 | 0.59 | | 0 | <20 | P 2 | |
| 85 | 56 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | BW1+ 2.25 | 0.37 | | 0 | <20 | P 2 | |
| 89 | 56 | 04/95 | H | VS2-VS3 | VS2-VS3 | 1 | 00516 | 580HP | VS2- 0.63 | 0.83 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS2-VS3 | VS2-VS3 | 1 | 00516 | 580HP | VS3+ 0.70 | 0.62 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3+ 1.01 | 0.30 | | 0 | <20 | P 2 | |
| 111 | 56 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00275 | 580HP | VS2+ 0.51 | 0.28 | | 0 | <20 | P 2 | |
| 113 | 56 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00455 | 580HP | BW1+ 1.60 | 0.65 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00455 | 580HP | VS2- 0.80 | 0.77 | | 0 | <20 | P 2 | |
| 137 | 56 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00462 | 580HP | BW1+ 1.60 | 0.51 | | 0 | <20 | P 2 | |
| 139 | 56 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00341 | 580HP | VS1+ 0.78 | 0.37 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00060 | 610HS | VS1+ 0.80 | 0.40 | | 0 | <20 | P 2 | |
| 66 | 57 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.68 | 0.78 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3- 0.60 | 0.41 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.23 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS5- 0.83 | 0.34 | | 0 | <20 | P 2 | |
| 82 | 57 | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS3- 0.82 | 1.06 | | 0 | 21 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.66 | 0.72 | | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00495 | 580HP | VS3- 0.18 | 0.49 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS5- 0.95 | 1.82 | | 0 | 31 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | VS5+ 0.85 | 1.13 | | 0 | 22 | P 2 | |
| 84 | 57 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3- 0.75 | 0.27 | | 0 | <20 | P 2 | |
| 114 | 57 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00269 | 580HP | VS3+ 1.06 | 0.58 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00054 | 610HS | VS3+ 1.18 | 0.60 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00054 | 610HS | VS5+ 1.06 | 0.34 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00054 | 610HS | VS6- 0.89 | 0.54 | | 0 | <20 | P 2 | |
| 134 | 57 | 04/95 | C | TEC-TEH | TEC-TEH | | 00059 | 610HS | BW1- 2.07 | 0.31 | | 0 | <20 | P 2 | |
| 140 | 57 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00462 | 580HP | BW1- 1.57 | 0.35 | | 0 | <20 | P 2 | |
| 59 | 58 | 04/95 | C | TEC-TEH | TEC-TEH | | 00109 | 610HS | 02C+ 26.47 | 6.72 | | 9 | BLI | 1 | |
| 103 | 58 | 04/95 | H | VS2-VS2 | VS2-VS2 | | 00497 | 580HP | VS2- 1.11 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00055 | 610HS | VS2- 1.00 | 0.42 | | 0 | <20 | P 2 | |
| 111 | 58 | 04/95 | C | TEC-TEH | TEC-TEH | | 00055 | 610HS | 03H+ 19.03 | 2.95 | | 8 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00055 | 610HS | 03H+ 20.96 | 4.61 | | 11 | BLI | 1 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00055 | 610HS | 03H+ 24.15 | 2.98 | | 12 | BLI | 1 | |
| 80 | 59 | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS3+ 0.91 | 0.28 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5- 0.97 | 0.34 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00108 | 610HS | VS5+ 0.82 | 1.14 | | 0 | 29 | P 2 | |
| 114 | 59 | 04/95 | C | 06C-07C | 06C-07C | 1 | 00213 | 600HP | 06C+ 27.28 | 0.43 | | 0.3 | SVI | P 2 | |
| 128 | 59 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00346 | 580HP | BW1+ 2.21 | 0.23 | | 0 | <20 | P 2 | |
| 136 | 59 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00346 | 580HP | VS3- 0.96 | 0.33 | | 0 | <20 | P 3 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00059 | 610HS | VS5- 0.74 | 0.43 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00059 | 610HS | VS7- 0.86 | 0.46 | | 0 | <20 | P 2 | |
| 67 | 60 | 04/95 | H | TSH-TSH | TSH-TSH | | 00033 | 600HP | TSH+ 1.51 | 1.75 | | 0 | BLI | 1 | |
| 109 | 60 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00269 | 580HP | VS2- 0.65 | 0.25 | | 0 | <20 | P 2 | |
| 115 | 60 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00269 | 580HP | BW1+ 1.94 | 0.45 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 11 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM
LIN DATE | EXAM EXTENT
LEG PROGRAM ACTUAL EXP CAL PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------------------|---|------------------------|-------|-----|-----|-----|-----|------|
| | 04/95 | C TEC-TEH TEC-TEH | 00057 610HS BW1+ 2.07 | 0.54 | | 0 | <20 | P 2 | |
| 119 | 60 04/95 | C TEC-TEH TEC-TEH | 00059 610HS BW1+ 1.92 | 0.21 | | 0 | <20 | P 2 | |
| 139 | 60 04/95 | H 07H-VS3 07H-VS3 | 00349 580HP VS1- 0.89 | 1.12 | | 0 | 22 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00059 610HS VS1- 0.66 | 0.88 | | 0 | 21 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | 00349 580HP VS1- 0.23 | 0.54 | | 0 | <20 | P 2 | |
| 62 | 61 04/95 | C TEC-TEH TEC-TEH | 00109 610HS VS3+ 0.61 | 0.85 | | 0 | 22 | P 2 | |
| 72 | 61 04/95 | C TEC-TEH TEC-TEH | 00108 610HS 08H+ 0.93 | 0.40 | | 0 | <20 | P 2 | |
| 78 | 61 04/95 | C TEC-TEH TEC-TEH | 00109 610HS VS3+ 0.89 | 0.40 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00109 610HS VS5+ 0.95 | 0.48 | | 0 | <20 | P 2 | |
| 80 | 61 04/95 | C TEC-TEH TEC-TEH | 00108 610HS VS3+ 1.00 | 0.49 | | 0 | <20 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | 00495 580HP VS3+ 1.10 | 0.50 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00108 610HS VS5- 1.00 | 1.41 | | 0 | 32 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00108 610HS VS5+ 0.78 | 0.46 | | 0 | <20 | P 2 | |
| 102 | 61 04/95 | H 07H-VS3 07H-VS3 | 00250 580HP VS2- 1.02 | 0.75 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00056 610HS VS2- 0.82 | 0.45 | | 0 | <20 | P 2 | |
| 104 | 61 04/95 | H 07H-VS3 07H-VS3 | 00249 580HP 08H- 0.09 | 0.52 | | 0 | <20 | P 2 | |
| 108 | 61 04/95 | H 07H-VS3 07H-VS3 | 00253 580HP VS2+ 0.71 | 0.68 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00057 610HS VS2+ 0.77 | 0.41 | | 0 | <20 | P 2 | |
| 132 | 61 04/95 | H 07H-VS3 07H-VS3 | 00349 580HP VS3- 1.01 | 0.44 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00059 610HS VS3- 0.91 | 0.23 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00059 610HS VS3+ 0.82 | 0.65 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | 00349 580HP VS3+ 0.89 | 0.67 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00059 610HS VS5- 0.74 | 0.28 | | 0 | <20 | P 2 | |
| 134 | 61 04/95 | H 07H-VS3 07H-VS3 | 00346 580HP VS3+ 0.00 | 0.26 | | 0 | <20 | P 3 | |
| 136 | 61 04/95 | H 07H-VS3 07H-VS3 | 00350 580HP BW1- 1.87 | 0.64 | 114 | <20 | P 2 | | |
| 144 | 61 04/95 | H 07H-VS3 07H-VS3 | 00350 580HP VS3+ 0.76 | 0.39 | 133 | <20 | P 2 | | |
| 27 | 62 04/95 | C TEC-TEH TEC-TEH | 00131 610HS 07C+ 12.56 | 0.54 | 112 | <20 | P 1 | | |
| 91 | 62 04/95 | C TEC-TEH TEC-TEH | 00057 610HS BW2- 1.89 | 0.46 | | 0 | <20 | P 2 | |
| 117 | 62 04/95 | H 07H-VS3 07H-VS3 | 00268 580HP BW1+ 1.71 | 0.66 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00056 610HS BW1+ 2.14 | 0.57 | | 0 | <20 | P 2 | |
| 119 | 62 04/95 | C TEC-TEH TEC-TEH | 00059 610HS BW1- 1.93 | 0.19 | | 0 | <20 | P 2 | |
| 143 | 62 04/95 | H 07H-VS3 07H-VS3 | 00346 580HP 09H+ 0.94 | 0.85 | | 0 | 21 | P 2 | |
| 16 | 63 04/95 | H TSH-TSH TSH-TSH | 00097 600HP TSH- 0.23 | 0.93 | | 55 | SCI | P 4 | |
| | 04/95 | H TSH-TSH TSH-TSH | 00097 600HP TSH- 0.23 | | | 0.7 | SCI | P 4 | |
| 46 | 63 04/95 | C TEC-TEH TEC-TEH | 00109 610HS 02C+ 7.96 | 6.13 | | 7 | BLI | P 1 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00109 610HS 02C+ 2.55 | 11.25 | | 7 | BLI | P 1 | |
| 62 | 63 04/95 | C TEC-TEH TEC-TEH | 00111 610HS VS3+ 0.64 | 0.26 | | 0 | <20 | P 2 | |
| 92 | 63 04/95 | C TEC-TEH TEC-TEH | 00057 610HS BW1+ 2.16 | 0.30 | | 0 | <20 | P 2 | |
| 98 | 63 04/95 | C TEC-TEH TEC-TEH | 00056 610HS 08H+ 0.96 | 0.29 | | 0 | <20 | P 2 | |
| 118 | 63 04/95 | C TEC-TEH TEC-TEH | 00059 610HS BW1- 1.75 | 0.37 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 06H-VS3 | 00356 580HP BW1- 1.50 | 0.28 | | 0 | <20 | P 2 | |
| 120 | 63 04/95 | H 07H-VS3 07H-VS3 | 00357 580HP BW1+ 1.88 | 0.46 | 136 | <20 | P 2 | | |
| | 04/95 | C TEC-TEH TEC-TEH | 00058 610HS BW1+ 1.89 | 0.26 | | 0 | <20 | P 2 | |
| 132 | 63 04/95 | H 07H-VS3 07H-VS3 | 00349 580HP BW1+ 2.00 | 0.77 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | 00058 610HS BW1+ 2.09 | 0.32 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 12 OF 38

DATE: 08/17/95

TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|----------|--------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|------------|---|----|------|
| 142 | 63 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00059 | 610HS BW1+ | 2.21 | 0.31 | | 0 <20 P 2 | | | |
| 144 | 63 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00357 | 580HP BW1+ | 2.09 | 0.52 | | 0 <20 P 2 | | | |
| 148 | 63 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00349 | 580HP BW1+ | 1.96 | 0.71 | | 0 <20 P 2 | | | |
| 111 | 64 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00057 | 610HS 08H+ | 0.78 | 0.29 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00270 | 580HP 08H+ | 0.83 | 0.75 | | 0 <20 P 2 | | | |
| 117 | 64 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00268 | 580HP BW1+ | 1.98 | 0.45 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00056 | 610HS BW1+ | 2.25 | 0.39 | | 0 <20 P 2 | | | |
| 123 | 64 04/95 | H 07H-VS2 07H-VS2 | H | 07H-VS2 | 07H-VS2 | | 00360 | 580HP BW1- | 1.51 | 0.66 | | 0 <20 P 2 | | | |
| 129 | 64 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00358 | 580HP BW1+ | 1.95 | 0.49 | | 33 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00058 | 610HS BW1+ | 2.17 | 0.24 | | 0 <20 P 2 | | | |
| 143 | 64 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00059 | 610HS BW1- | 2.07 | 0.36 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00059 | 610HS BW1+ | 2.25 | 0.35 | | 0 <20 P 2 | | | |
| 96 | 65 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00253 | 580HP 08H+ | 0.79 | 0.44 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00057 | 610HS 08H+ | 0.92 | 0.62 | | 0 <20 P 2 | | | |
| 104 | 65 04/95 | H 07H-VS3 08H-VS3 | H | 07H-VS3 | 08H-VS3 | | 00259 | 580HP 08H- | 0.26 | 0.32 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-08H | H | 07H-VS3 | 07H-08H | | 00459 | 580HP 08H- | 0.18 | 0.45 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-08H | H | 07H-VS3 | 07H-08H | | 00459 | 580HP 08H+ | 0.81 | 0.37 | | 0 <20 P 2 | | | |
| 116 | 65 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00056 | 610HS BW1+ | 1.81 | 0.26 | | 0 <20 P 2 | | | |
| 118 | 65 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00356 | 580HP BW1+ | 1.80 | 1.10 | | 0 27 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00058 | 610HS BW1+ | 1.88 | 0.72 | | 0 22 P 2 | | | |
| 132 | 65 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00059 | 610HS BW1+ | 2.18 | 0.67 | | 0 24 P 2 | | | |
| 146 | 65 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00058 | 610HS VS1+ | 0.74 | 0.37 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00358 | 580HP VS1+ | 0.83 | 0.84 | | 0 20 P 2 | | | |
| 89 | 66 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00112 | 610HS VS3+ | 0.95 | 0.28 | | 0 <20 P 2 | | | |
| 105 | 66 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00039 | 610HS VS2- | 1.33 | 0.79 | | 0 21 P 2 | | | |
| | 04/95 | H VS2-VS2 VS2-VS2 | H | VS2-VS2 | VS2-VS2 | | 00497 | 580HP VS2- | 0.87 | 0.64 | | 0 <20 P 2 | | | |
| | 04/95 | H VS2-VS2 VS2-VS2 | H | VS2-VS2 | VS2-VS2 | | 00497 | 580HP VS2+ | 0.77 | 0.53 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00039 | 610HS VS6- | 0.84 | 0.72 | | 0 20 P 2 | | | |
| 131 | 66 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00067 | 610HS BW1+ | 2.00 | 0.22 | | 0 <20 P 2 | | | |
| 145 | 66 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00068 | 610HS 09H+ | 1.00 | 0.27 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00368 | 580HP 09H+ | 1.01 | 0.65 | | 0 <20 P 2 | | | |
| 80 | 67 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00112 | 610HS VS5- | 0.84 | 0.58 | | 0 <20 P 2 | | | |
| 98 | 67 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00040 | 610HS 08H+ | 0.79 | 0.64 | | 0 22 P 2 | | | |
| | 04/95 | H 08H-08H 08H-08H | H | 08H-08H | 08H-08H | | 00496 | 600HP 08H+ | 0.95 | 0.47 | | 0 <20 P 2 | | | |
| 110 | 67 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00465 | 580HP VS2- | 0.63 | 0.44 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00465 | 580HP VS2- | 0.08 | 0.98 | | 0 21 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00465 | 580HP VS3- | 1.16 | 0.67 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00040 | 610HS VS3- | 1.12 | 0.67 | | 0 22 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00465 | 580HP VS3+ | 0.92 | 0.54 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00040 | 610HS VS3+ | 0.96 | 0.57 | | 0 <20 P 2 | | | |
| 116 | 67 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00467 | 580HP VS3+ | 0.89 | 2.84 | | 0 37 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00039 | 610HS VS3+ | 0.93 | 1.36 | | 0 30 P 2 | | | |
| 124 | 67 04/95 | H 07H-VS2 06H-VS2 | H | 07H-VS2 | 06H-VS2 | | 00366 | 580HP 09H+ | 0.70 | 0.43 | | 0 <20 P 2 | | | |
| 152 | 67 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP BW1+ | 1.98 | 0.77 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00082 | 610HS BW1+ | 2.04 | 0.52 | | 0 <20 P 2 | | | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|----------|--------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-----------|---|----|------|
| 43 | 68 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00134 | 610HS VS4- | 0.98 | 0.18 | | 0 <20 P 2 | | | |
| 109 | 68 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00039 | 610HS VS5+ | 1.00 | 0.47 | | 0 <20 P 2 | | | |
| 125 | 68 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00068 | 610HS BW1- | 1.94 | 0.22 | | 0 <20 P 2 | | | |
| 60 | 69 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00040 | 600HP TSH+ | 0.29 | 0.57 | 0.1 | SAI P 3 | | | |
| 124 | 69 04/95 | H 07H-VS2 09H-VS2 | H | 07H-VS2 | 09H-VS2 | | 00366 | 580HP BW1+ | 1.75 | 0.46 | | 0 <20 P 2 | | | |
| 148 | 69 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00373 | 580HP BW1+ | 1.75 | 0.46 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00067 | 610HS BW1+ | 1.90 | 0.20 | | 0 <20 P 2 | | | |
| 71 | 70 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00115 | 610HS VS3+ | 0.82 | 0.45 | | 0 <20 P 2 | | | |
| 93 | 70 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00039 | 610HS VS5- | 0.67 | 0.40 | | 0 <20 P 2 | | | |
| 129 | 70 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00374 | 580HP VS1+ | 26.78 | 0.61 | 0.2 | SAI P 3 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00374 | 580HP VS3+ | 3.06 | 0.55 | 0.3 | SAI P 2 | | | |
| 147 | 70 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00373 | 580HP BW1+ | 1.43 | 0.36 | | 0 <20 P 2 | | | |
| 149 | 70 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00374 | 580HP BW1+ | 2.07 | 0.42 | | 0 <20 P 2 | | | |
| 153 | 70 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00082 | 610HS BW1+ | 2.00 | 0.36 | | 0 <20 P 2 | | | |
| 56 | 71 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.06 | 0.50 | 77 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.06 | 0.00 | 0.5 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.08 | | 0.4 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.08 | 0.23 | 49 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.09 | | 0.4 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.09 | 0.26 | 65 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.09 | 0.26 | 65 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.10 | | 0.4 | MCI P 4 | | | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00038 | 600HP TSH+ | 0.10 | 0.26 | 72 | MCI P 4 | | | |
| 148 | 71 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00474 | 580HP 09H- | 0.13 | 0.38 | | 0 <20 P 2 | | | |
| 150 | 71 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00374 | 580HP BW1+ | 2.05 | 0.87 | | 0 <20 P 2 | | | |
| 79 | 72 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00516 | 580HP VS3- | 1.07 | 1.59 | | 0 30 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00114 | 610HS VS3- | 0.86 | 0.49 | | 0 <20 P 2 | | | |
| 113 | 72 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00466 | 580HP BW1+ | 1.75 | 0.30 | | 0 <20 P 2 | | | |
| 117 | 72 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00466 | 580HP 09H- | 1.00 | 0.36 | | 0 <20 P 2 | | | |
| 112 | 73 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00466 | 580HP 08H+ | 0.84 | 0.24 | | 0 <20 P 2 | | | |
| 146 | 73 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00067 | 610HS VS1+ | 0.21 | 0.28 | | 0 <20 P 2 | | | |
| 148 | 73 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00383 | 580HP BW1+ | 1.94 | 0.55 | | 0 <20 P 2 | | | |
| 152 | 73 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00081 | 610HS BW2+ | 1.84 | 0.37 | | 0 <20 P 2 | | | |
| 67 | 74 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00039 | 600HP TSH+ | 0.55 | 0.56 | 0.2 | SAI P 3 | | | |
| 129 | 74 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00068 | 610HS BW1- | 2.02 | 0.21 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00381 | 580HP BW1- | 1.75 | 0.35 | | 0 <20 P 2 | | | |
| 139 | 74 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00382 | 580HP BW1+ | 1.85 | 0.42 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00382 | 580HP VS1+ | 0.91 | 0.29 | | 0 <20 P 2 | | | |
| 149 | 74 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00382 | 580HP BW1+ | 2.00 | 0.36 | | 0 <20 P 2 | | | |
| 68 | 75 04/95 | C TEC-TEH TEC-TEC | C | TEC-TEH | TEC-TEC | | 00116 | 610HS | | | | OBS | | | |
| | 04/95 | C TEC-TEH TEC-TEC | C | TEC-TEH | TEC-TEC | | 00117 | 610HS | | | | OBS | | | |
| 150 | 75 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00386 | 580HP BW1+ | 1.82 | 0.38 | 0 | <20 P 2 | | | |
| 154 | 75 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00082 | 610HS BW2- | 2.00 | 0.38 | | 0 <20 P 2 | | | |
| 156 | 75 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00082 | 610HS BW1- | 2.07 | 0.53 | | 0 <20 P 2 | | | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP BW1- | 1.88 | 0.90 | | 0 <20 P 2 | | | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 14 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|-------|-----|-----|-----|------|
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW2- | 1.82 | 0.59 | | 0 | <20 | P 2 |
| 63 | 76 | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.17 | 0.45 | | 35 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.17 | | | 0.3 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.18 | 0.50 | | 66 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.18 | 0.00 | | 0.3 | MCI | P 4 |
| 71 | 76 | 04/95 | C | TEC-TEH | TEC-TEH | | 00117 | 610HS | VS5+ | 0.87 | 0.31 | | 0 | <20 | P 2 |
| 125 | 76 | 04/95 | C | TEC-TEH | TEC-TEH | | 00071 | 610HS | VS5- | 1.10 | 0.39 | | 0 | <20 | P 2 |
| 131 | 76 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00385 | 580HP | VS3+ | 0.96 | 0.43 | | 0 | <20 | P 2 |
| 147 | 76 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00474 | 580HP | BW1+ | 1.92 | 0.40 | | 0 | <20 | P 2 |
| 26 | 77 | 04/95 | H | 03H-04H | 03H-04H | 1 | 00507 | 600HP | 03H+ | 2.99 | 0.39 | | 0.2 | SVI | P 3 |
| 46 | 77 | 04/95 | C | TEC-TEH | TEC-TEH | | 00117 | 610HS | BW1+ | 14.86 | 10.58 | | 4 | BLI | P 1 |
| 60 | 77 | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.26 | 0.00 | | 0.3 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.27 | 0.00 | | 0.3 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.27 | 0.24 | | 74 | MCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.28 | 0.25 | | 90 | MCI | P 4 |
| 62 | 77 | 04/95 | H | TSH-TSH | TSH-TSH | | 00039 | 600HP | TSH+ | 0.21 | 0.21 | | 59 | SCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00039 | 600HP | TSH+ | 0.21 | 0.00 | | 0.4 | SCI | P 4 |
| 114 | 77 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00466 | 580HP | BW1+ | 1.57 | 0.66 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00040 | 610HS | BW1+ | 1.75 | 0.27 | | 0 | <20 | P 2 |
| 116 | 77 | 04/95 | C | TEC-TEH | TEC-TEH | | 00039 | 610HS | 09H- | 0.24 | 0.38 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H- | 0.24 | 1.05 | | 0 | 25 | P 2 |
| 144 | 77 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00391 | 580HP | BW1+ | 1.75 | 0.37 | | 0 | <20 | P 2 |
| 55 | 78 | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.14 | 0.00 | | 0.3 | SCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.14 | 0.52 | | 63 | SCI | P 4 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00117 | 610HS | 05C+ | 14.62 | 0.33 | | 129 | 34 | 1 |
| 71 | 78 | 04/95 | H | BW1-VS3 | BW1-VS3 | 1 | 00516 | 580HP | BW1+ | 26.54 | 0.30 | | 0.2 | SVI | P 2 |
| 111 | 78 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | 08H+ | 0.78 | 0.48 | | 0.2 | SVI | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00042 | 610HS | 08H+ | 0.89 | 0.41 | | 0 | <20 | P 2 |
| 113 | 78 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H- | 0.11 | 0.47 | | 0 | <20 | P 2 |
| 117 | 78 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.39 | 0.27 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.90 | 0.31 | | 0 | <20 | P 2 |
| 127 | 78 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00474 | 580HP | VS1+ | 0.66 | 0.33 | | 0 | <20 | P 2 |
| 131 | 78 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00474 | 580HP | BW1+ | 1.86 | 0.25 | | 0 | <20 | P 2 |
| 157 | 78 | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW2- | 2.00 | 0.60 | | 0 | <20 | P 2 |
| 110 | 79 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 3.53 | 1.05 | | 0.4 | SVI | P 2 |
| 116 | 79 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.84 | 0.43 | | 0 | <20 | P 2 |
| 130 | 79 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00395 | 580HP | BW1+ | 1.87 | 0.47 | | 0 | <20 | P 2 |
| 132 | 79 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00474 | 580HP | BW1+ | 1.64 | 0.35 | | 0 | <20 | P 2 |
| 31 | 80 | 04/95 | C | TEC-TEH | TEC-TEH | | 00136 | 610HS | BW2- | 2.00 | 0.44 | | 0 | <20 | P 2 |
| 49 | 80 | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.20 | 0.46 | | 56 | SCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00040 | 600HP | TSH+ | 0.20 | 0.00 | | 0.3 | SCI | P 4 |
| 57 | 80 | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.17 | 0.36 | | 116 | SCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.17 | 0.00 | | 0.2 | SCI | P 4 |
| 63 | 80 | 04/95 | H | TSH-TSH | TSH-TSH | | 00038 | 600HP | TSH+ | 0.09 | 0.37 | | 38 | SCI | P 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00038 | 600HP | TSH+ | 0.09 | 0.00 | | 0.4 | SCI | P 4 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 15 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 117 | 80 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.85 | 0.71 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00072 | 610HS | BW1+ | 1.94 | 0.44 | 0 | <20 | P 2 | |
| 123 | 80 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00477 | 580HP | 08H- | 1.04 | 0.15 | 0.2 | SVI | P 2 | |
| 157 | 80 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP | BW1- | 1.89 | 0.44 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW1+ | 2.00 | 0.39 | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP | BW1+ | 2.02 | 0.51 | 0 | <20 | P 2 | |
| 82 | 81 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00516 | 580HP | VS3- | 0.18 | 0.67 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00118 | 610HS | VS3+ | 0.84 | 0.57 | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00516 | 580HP | VS3+ | 0.88 | 1.47 | 0 | 29 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00118 | 610HS | VSS- | 0.97 | 0.49 | 0 | <20 | P 2 | |
| 112 | 81 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H- | 0.15 | 0.29 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1- | 1.75 | 0.20 | 0 | <20 | P 2 | |
| 114 | 81 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.75 | 0.66 | 0 | <20 | P 2 | |
| 116 | 81 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H+ | 0.01 | 0.67 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.83 | 0.27 | 0 | <20 | P 2 | |
| 118 | 81 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00394 | 580HP | BW1+ | 1.74 | 0.67 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00072 | 610HS | BW1+ | 1.77 | 0.31 | 0 | <20 | P 2 | |
| 65 | 82 | 04/95 | C | 06C-07C | 06C-07C | 1 | 00213 | 600HP | 06C+ | 24.79 | 0.32 | 0.2 | SVI | P 2 | |
| 111 | 82 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.61 | 0.71 | 0 | 21 | P 2 | |
| 117 | 82 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 08H+ | 0.88 | 0.65 | 0 | <20 | P 2 | |
| 149 | 82 | 04/95 | H | 07H-VS3 | BW1-VS3 | | 00407 | 580HP | BW1+ | 1.95 | 0.80 | 0 | <20 | P 3 | |
| 151 | 82 | 04/95 | C | TEC-TEH | TEC-TEH | | 00103 | 610HS | VSS- | 1.03 | 0.21 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00103 | 610HS | VS7+ | 1.09 | 0.44 | 0 | <20 | P 2 | |
| 40 | 83 | 04/95 | C | TEC-TEH | TEC-TEH | | 00136 | 610HS | 04H+ | 15.55 | 3.96 | 15 | BLI | 1 | |
| 66 | 83 | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.07 | 0.26 | 68 | MCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.07 | 0.00 | 0.6 | MCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.08 | 0.20 | 87 | MCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00037 | 600HP | TSH+ | 0.08 | 0.00 | 0.5 | MCI | P 4 | |
| 110 | 83 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 2.03 | 1.58 | 0 | 29 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00043 | 610HS | BW1+ | 2.25 | 0.74 | 0 | 22 | P 2 | |
| 112 | 83 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 07H+ | 0.94 | 0.19 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 08H+ | 0.84 | 0.53 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00044 | 610HS | 08H+ | 0.88 | 0.55 | 0 | <20 | P 2 | |
| 114 | 83 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | 07H+ | 0.57 | 0.16 | 0 | <20 | P 2 | |
| 150 | 83 | 04/95 | H | 07H-VS3 | 09H-VS3 | | 00406 | 580HP | BW1+ | 1.87 | 0.28 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00411 | 580HP | BW1+ | 1.97 | 0.31 | 0 | <20 | P 2 | |
| 152 | 83 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00497 | 580HP | BW1+ | 2.00 | 0.55 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00072 | 610HS | BW1+ | 2.07 | 0.50 | 0 | <20 | P 2 | |
| 154 | 83 | 04/95 | C | TEC-TEH | TEC-TEH | | 00071 | 610HS | VS7- | 0.79 | 1.00 | 0 | 27 | P 2 | |
| 156 | 83 | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | VS1+ | 0.97 | 0.57 | 0 | <20 | P 2 | |
| | | 04/95 | H | VS1-VS1 | VS1-VS1 | | 00497 | 580HP | VS1+ | 1.15 | 0.67 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | VS3+ | 0.81 | 0.41 | 0 | <20 | P 2 | |
| 35 | 84 | 04/95 | C | TEC-TEH | TEC-TEH | | 00136 | 610HS | BW2- | 2.05 | 0.34 | 0 | <20 | P 2 | |
| 81 | 84 | 04/95 | C | TEC-TEH | TEC-TEH | | 00119 | 610HS | VS3+ | 0.99 | 0.60 | 0 | <20 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00501 | 580HP | VS3+ | 1.06 | 0.44 | 0 | <20 | P 2 | |

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 16 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM
LIN | DATE | LEG | EXAM EXTENT
PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-------------|-------|-----|------------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 111 | 84 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1- | 1.83 | 0.41 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.90 | 0.22 | 0 | <20 | P 2 | |
| 117 | 84 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H+ | 1.60 | 0.47 | 0 | <20 | P 2 | |
| 119 | 84 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00412 | 580HP | 08H+ | 0.77 | 0.49 | 0 | <20 | P 2 | |
| 121 | 84 | 04/95 | H | 07H-VS3 | 07H-VS2 | | 00411 | 580HP | 08H+ | 0.40 | 0.31 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00071 | 610HS | 08H+ | 0.73 | 0.23 | 0 | <20 | P 2 | |
| 137 | 84 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00411 | 580HP | VS1- | 0.92 | 0.33 | 0 | <20 | P 2 | |
| 143 | 84 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00412 | 580HP | BW1- | 2.26 | 0.13 | 0 | <20 | P 2 | |
| 110 | 85 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | 08H+ | 0.76 | 0.48 | 0 | <20 | P 2 | |
| 112 | 85 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 08H- | 0.10 | 0.24 | 0 | <20 | P 2 | |
| 114 | 85 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | 08H+ | 0.68 | 0.64 | 0 | <20 | P 2 | |
| 140 | 85 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00411 | 580HP | BW1+ | 2.17 | 0.29 | 0 | <20 | P 2 | |
| 35 | 86 | 04/95 | C | TEC-TEH | TEC-TEH | | 00136 | 610HS | BW2- | 1.75 | 0.17 | 0 | <20 | P 2 | |
| 113 | 86 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.74 | 0.57 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00043 | 610HS | BW1+ | 1.75 | 0.49 | 0 | <20 | P 2 | |
| 117 | 86 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 07H- | 0.77 | 0.24 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 07H+ | 0.82 | 0.20 | 0 | <20 | P 2 | |
| 121 | 86 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00422 | 580HP | VS1- | 0.95 | 0.45 | 0 | <20 | P 2 | |
| 125 | 86 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00420 | 580HP | 09H+ | 0.80 | 0.98 | 0 | 23 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00071 | 610HS | 09H+ | 0.88 | 0.52 | 0 | <20 | P 2 | |
| 135 | 86 | 04/95 | C | TEC-TEH | TEC-TEH | | 00103 | 610HS | VS5+ | 0.90 | 0.40 | 0 | <20 | P 2 | |
| 155 | 86 | 04/95 | C | TEC-TEH | TEC-TEH | | 00073 | 610HS | BW1+ | 2.17 | 0.20 | 0 | <20 | P 2 | |
| 159 | 86 | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | 09H- | 1.04 | 0.28 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | BW2- | 2.00 | 0.62 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | 02C+ | 0.89 | 0.56 | 0 | <20 | P 2 | |
| 54 | 87 | 04/95 | H | TSH-TSH | TSH-TSH | | 00039 | 600HP | TSH+ | 0.24 | 0.00 | 0.3 | SCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00039 | 600HP | TSH+ | 0.24 | 0.40 | 126 | SCI | P 4 | |
| 112 | 87 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 1.79 | 0.28 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | BW1+ | 2.06 | 0.24 | 0 | <20 | P 2 | |
| 116 | 87 | 04/95 | C | TEC-TEH | TEC-TEH | | 00043 | 610HS | 08H+ | 0.81 | 0.68 | 0 | 21 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 08H+ | 0.82 | 0.36 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00043 | 610HS | 09H- | 1.28 | 1.09 | 0 | 29 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00471 | 580HP | 09H- | 0.99 | 1.93 | 0 | 33 | P 2 | |
| 122 | 87 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00419 | 580HP | 07H- | 1.09 | 0.44 | 0 | <20 | P 2 | |
| 158 | 87 | 04/95 | C | TEC-TEH | TEC-TEH | | 00081 | 610HS | BW1+ | 2.21 | 0.21 | 0 | <20 | P 2 | |
| 37 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | | 00176 | 610HS | BW1- | 2.24 | 0.21 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00176 | 610HS | BW2- | 1.97 | 0.35 | 0 | <20 | P 2 | |
| 67 | 88 | 04/95 | H | TSH-TSH | TSH-TSH | | 00039 | 600HP | TSH- | 3.97 | 7.22 | 0.7 | SVI | P 2 | |
| 85 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | | 00176 | 610HS | VS5- | 0.94 | 0.27 | 0 | <20 | P 2 | |
| 111 | 88 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.83 | 0.80 | 0 | 20 | P 2 | |
| 117 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | | 00073 | 610HS | 09H- | 1.42 | 1.15 | 0 | 33 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | 09H- | 1.02 | 2.12 | 0 | 34 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.76 | 0.85 | 0 | <20 | P 2 | |
| 121 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | | 00073 | 610HS | 08H+ | 0.78 | 0.26 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00426 | 580HP | 08H+ | 0.78 | 0.76 | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 17 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-------------|--------|-------|------|-------|----------|-------|-----|-----|-----|----|------|
| 125 | 88 | 04/95 | H | 07H-VS2 | 07H-VS2 | 00427 | 580HP | 08H+ | 0.82 | | 1.15 | | 0 | 22 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00074 | 610HS | 08H+ | 0.92 | | 0.66 | | 0 | 20 | P | 2 |
| 135 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | TSH+ | 10.92 | | 23.14 | | 13 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | TSH+ | 10.99 | | 24.60 | | 17 | BLI | | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | 01H+ | 9.98 | | 7.17 | | 8 | BLI | | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | 01H+ | 10.07 | | 7.83 | | 1 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | 01H+ | 10.32 | | 6.07 | | 7 | BLI | | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | 01H+ | 10.52 | | 6.69 | | 0 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | 02H+ | 35.77 | | 3.75 | | 8 | BLI | | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | 02H+ | 38.03 | | 4.46 | | 3 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | 04H+ | 23.32 | | 10.49 | | 7 | BLI | | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | 04H+ | 24.64 | | 13.61 | | 1 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00103 | 610HS | 02C+ | 6.54 | | 4.40 | | 1 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | 00074 | 610HS | 02C+ | 6.49 | | 3.70 | | 6 | BLI | | 1 |
| 139 | 88 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00427 | 580HP | BW1- | 1.84 | | 0.40 | | 0 | <20 | P | 2 |
| 159 | 88 | 04/95 | C | TEC-TEH | TEC-TEH | 00082 | 610HS | BW2- | 2.00 | | 0.34 | | 0 | <20 | P | 2 |
| 38 | 89 | 04/95 | H | TSH-TSH | TSH-TSH | 00038 | 600HP | TSH- | 0.28 | | 0.83 | | 0.1 | SAT | P | 3 |
| 52 | 89 | 04/95 | H | TSH-TSH | TSH-TSH | 00050 | 600HP | TSH- | 0.08 | | 0.84 | | 27 | SCI | P | 4 |
| | | 04/95 | H | TSH-TSH | TSH-TSH | 00050 | 600HP | TSH- | 0.08 | | | | 0.3 | SCI | P | 4 |
| 82 | 89 | 04/95 | H | VS3-VS3 | VS3-VS3 | 00501 | 580HP | VS3+ | 0.88 | | 0.45 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00176 | 610HS | VS3+ | 1.04 | | 0.45 | | 0 | <20 | P | 2 |
| 112 | 89 | 04/95 | H | 07H-VS3 | 07H-BW1 | 00470 | 580HP | BW1+ | 1.81 | | 0.73 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | BW1-VS3 | 00482 | 580HP | BW1+ | 1.85 | | 0.69 | | 0 | <20 | P | 2 |
| 114 | 89 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00470 | 580HP | BW1+ | 1.87 | | 0.86 | | 0 | <20 | P | 2 |
| 118 | 89 | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | BW1+ | 1.75 | | 0.28 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00421 | 580HP | BW1+ | 1.99 | | 0.52 | | 0 | <20 | P | 2 |
| 128 | 89 | 04/95 | C | TEC-TEH | TEC-TEH | 00076 | 610HS | 09H+ | 0.71 | | 0.39 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00429 | 580HP | 09H+ | 0.76 | | 0.42 | | 0 | <20 | P | 2 |
| 132 | 89 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00427 | 580HP | BW1+ | 1.90 | | 0.60 | | 0 | <20 | P | 2 |
| 134 | 89 | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | VS3- | 1.03 | | 0.60 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | VS3-VS3 | 00478 | 580HP | VS3- | 0.91 | | 0.46 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | VS3+ | 0.67 | | 1.93 | | 0 | 37 | P | 2 |
| | | 04/95 | H | 07H-VS3 | VS3-VS3 | 00478 | 580HP | VS3+ | 0.96 | | 1.96 | | 0 | 31 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | VSS- | 0.70 | | 0.74 | | 0 | 22 | P | 2 |
| 154 | 89 | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | BW1+ | 1.88 | | 0.32 | | 0 | <20 | P | 2 |
| 37 | 90 | 04/95 | C | TEC-TEH | TEC-TEH | 00177 | 610HS | BW2- | 2.01 | | 0.32 | | 0 | <20 | P | 2 |
| 59 | 90 | 04/95 | C | TEC-TEH | TEC-TEH | 00177 | 610HS | 07C+ | 35.18 | | 0.55 | | 144 | 22 | | 1 |
| | | 04/95 | C | 07C-BW2 | 07C-BW2 | 00213 | 600HP | 07C+ | 34.72 | | 0.45 | | 1.2 | SVI | P | 2 |
| 105 | 90 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00459 | 580HP | BW1- | 1.73 | | 0.37 | | 0 | <20 | P | 2 |
| 117 | 90 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00470 | 580HP | 08H+ | 0.59 | | 0.66 | | 0 | <20 | P | 2 |
| 121 | 90 | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | VS1- | 0.83 | | 0.36 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00429 | 580HP | VS2- | 0.95 | | 0.42 | | 0 | <20 | P | 2 |
| 127 | 90 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00421 | 580HP | 09H+ | 0.81 | | 0.53 | | 0 | <20 | P | 2 |
| 129 | 90 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00429 | 580HP | 09H+ | 0.89 | | 0.67 | | 0 | <20 | P | 2 |
| 153 | 90 | 04/95 | C | TEC-TEH | TEC-TEH | 00075 | 610HS | BW1+ | 1.96 | | 0.46 | | 0 | <20 | P | 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 18 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00502 | 580HP | BW1+ | 1.97 | 0.74 | 0 | <20 | P 2 | |
| 159 | 90 | 04/95 | C | TEC-TEH | TEC-TEH | | 00082 | 610HS | 02C+ | 0.93 | 0.29 | 0 | <20 | P 2 | |
| 114 | 91 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00470 | 580HP | BW1+ | 1.76 | 0.84 | 0 | <20 | P 2 | |
| 122 | 91 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00421 | 580HP | VS1+ | 0.67 | 0.37 | 0 | <20 | P 2 | |
| 128 | 91 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | 09H- | 0.13 | 0.41 | 0 | <20 | P 2 | |
| 142 | 91 | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | VS3- | 0.92 | 0.45 | 0 | <20 | P 2 | |
| 150 | 91 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00438 | 580HP | BW1+ | 1.91 | 0.56 | 0 | <20 | P 2 | |
| 85 | 92 | 04/95 | H | 04H-05H | 04H-05H | 1 | 00526 | 580HP | 04H+ | 8.10 | 0.25 | 0.1 | SVI | P 2 | |
| 111 | 92 | 04/95 | C | TEC-TEH | TEC-TEH | | 00044 | 610HS | 08H+ | 0.81 | 0.55 | 0 | <20 | P 2 | |
| 121 | 92 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | BW1+ | 1.31 | 0.20 | 0.8 | SAI | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | VS1- | 0.84 | 0.59 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | VS2- | 0.88 | 0.82 | 0 | 20 | P 2 | |
| 147 | 92 | 04/95 | C | TEC-TEH | TEC-TEH | | 00076 | 610HS | BW1- | 1.95 | 0.23 | 0 | <20 | P 2 | |
| 149 | 92 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00438 | 580HP | VS1- | 0.90 | 0.38 | 0 | <20 | P 2 | |
| 151 | 92 | 04/95 | C | TEC-TEH | TEC-TEH | | 00076 | 610HS | VS1- | 0.95 | 0.33 | 0 | <20 | P 2 | |
| 62 | 93 | 04/95 | H | TSH-TSH | TSH-TSH | | 00527 | 600HP | TSH+ | 0.09 | 0.23 | 43 | SCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00527 | 600HP | TSH+ | 0.09 | | 0.2 | SCI | P 4 | |
| 114 | 93 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00472 | 580HP | BW1+ | 1.76 | 0.47 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00044 | 610HS | BW1+ | 1.97 | 0.47 | 0 | <20 | P 2 | |
| 126 | 93 | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | BW1+ | 2.25 | 0.71 | 0 | 21 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00441 | 580HP | BW1+ | 2.30 | 0.73 | 0 | <20 | P 2 | |
| 128 | 93 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00429 | 580HP | 08H+ | 0.72 | 0.46 | 0 | <20 | P 2 | |
| 142 | 93 | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | VS5- | 0.68 | 0.23 | 0 | <20 | P 2 | |
| 150 | 93 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00438 | 580HP | 08H+ | 0.94 | 0.55 | 0 | <20 | P 2 | |
| 39 | 94 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW1+ | 2.23 | 0.27 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW2+ | 1.80 | 0.13 | 0 | <20 | P 2 | |
| 63 | 94 | 04/95 | H | TSH-TSH | TSH-TSH | | 00038 | 600HP | TSH+ | 0.09 | 0.38 | 104 | SCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00038 | 600HP | TSH+ | 0.09 | 0.00 | 0.2 | SCI | P 4 | |
| 95 | 94 | 04/95 | H | 06H-07H | 06H-07H | 1 | 00526 | 580HP | 06H+ | 19.33 | 0.16 | 0.2 | SVI | P 2 | |
| 111 | 94 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00472 | 580HP | BW1- | 1.91 | 0.91 | 0 | <20 | P 2 | |
| 113 | 94 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00472 | 580HP | BW1+ | 1.76 | 0.64 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00043 | 610HS | BW1+ | 2.21 | 0.20 | 0 | <20 | P 2 | |
| 125 | 94 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00446 | 580HP | VS2- | 1.16 | 0.33 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | VS2- | 0.93 | 0.24 | 0 | <20 | P 2 | |
| 143 | 94 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00445 | 580HP | VS2+ | 0.57 | 0.20 | 0 | <20 | P 2 | |
| 159 | 94 | 04/95 | C | TEC-TEH | TEC-TEH | | 00080 | 610HS | VS7+ | 1.08 | 1.97 | 0 | 37 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00080 | 610HS | BW2- | 1.92 | 0.86 | 0 | 23 | P 2 | |
| | | 04/95 | C | 08C-08C | 08C-08C | 1 | 00213 | 600HP | 08C- | 0.21 | 0.41 | 0 | <20 | P 2 | |
| 40 | 95 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW1- | 2.00 | 0.27 | 0 | <20 | P 2 | |
| 42 | 95 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | VS4- | 1.04 | 0.50 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | VS4+ | 0.80 | 0.56 | 0 | 20 | P 2 | |
| 46 | 95 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | VS4+ | 1.10 | 0.69 | 0 | 22 | P 2 | |
| 112 | 95 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00472 | 580HP | BW1+ | 1.70 | 0.55 | 0 | <20 | P 2 | |
| 118 | 95 | 04/95 | C | TEC-TEH | TEC-TEH | | 00075 | 610HS | 09H+ | 1.00 | 0.42 | 0 | <20 | P 2 | |
| 122 | 95 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00447 | 580HP | 09H+ | 0.78 | 0.45 | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 19 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 130 | 95 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00447 | 580HP | 09H+ | 0.95 | 0.31 | | 0 | <20 | P 2 |
| 132 | 95 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00448 | 580HP | BW1- | 0.63 | 0.30 | | 0.2 | MAI | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00448 | 580HP | BW1+ | 2.30 | 0.34 | | 0.5 | MAI | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00448 | 580HP | BW1+ | 3.54 | 0.28 | | 0.4 | MAI | P 2 |
| 51 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | VS4+ | 0.96 | 0.46 | | 0 | <20 | P 2 |
| 111 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00338 | 580HP | BW1+ | 1.43 | 0.26 | | 0 | <20 | P 2 |
| 113 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00339 | 580HP | BW1+ | 1.56 | 0.39 | | 0 | <20 | P 2 |
| 115 | 96 | 04/95 | C | TEC-TEH | TEC-BW1 | | 00088 | 610HS | | | | | | OBS | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00451 | 580HP | 08H+ | 1.00 | 0.48 | | 0 | <20 | P 2 |
| 117 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 09H- | 1.28 | 0.71 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | 09H+ | 1.47 | 0.35 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 09H+ | 1.54 | 0.56 | | 0 | <20 | P 2 |
| 119 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00344 | 580HP | 09H- | 0.34 | 0.29 | | 0 | <20 | P 2 |
| 127 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | 08H+ | 0.87 | 0.51 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00344 | 580HP | 08H+ | 28.68 | 0.95 | | 11 | SAI | P 3 |
| 131 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00342 | 580HP | 09H- | 0.16 | 0.46 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | 09H- | 0.12 | 0.81 | | 0 | 27 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00342 | 580HP | BW1+ | 2.00 | 0.41 | | 0 | <20 | P 2 |
| 135 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | 09H- | 0.12 | 0.32 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | 09H- | 0.12 | 0.37 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00463 | 580HP | 09H- | 0.12 | 0.31 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | BW1+ | 1.94 | 0.21 | | 0 | <20 | P 2 |
| 137 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | 09H+ | 0.93 | 0.20 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00463 | 580HP | VS1- | 1.07 | 0.76 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | VS1- | 0.96 | 1.09 | | 0 | 24 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | VS1+ | 0.93 | 0.18 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | VS2- | 0.95 | 0.69 | | 0 | 24 | P 2 |
| 143 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00087 | 610HS | VS1+ | 1.00 | 0.64 | | 0 | 23 | P 2 |
| 147 | 96 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00458 | 580HP | BW1+ | 1.85 | 0.62 | | 0 | <20 | P 2 |
| 157 | 96 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS | BW2+ | 1.75 | 0.50 | | 0 | <20 | P 2 |
| 159 | 96 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00520 | 600HP | BW1- | 1.77 | 1.87 | | 0 | 32 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00100 | 610HS | BW1- | 1.75 | 0.97 | | 0 | 27 | P 2 |
| 40 | 97 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW2- | 2.08 | 0.67 | | 0 | <20 | P 2 |
| | | 04/95 | C | BW2-BW2 | BW2-BW2 | | 00218 | 580HP | BW2- | 2.00 | 0.86 | | 0 | <20 | P 2 |
| 114 | 97 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00451 | 580HP | 08H+ | 0.85 | 0.30 | | 0 | <20 | P 2 |
| 122 | 97 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00345 | 580HP | VS1- | 1.01 | 0.35 | | 0 | <20 | P 2 |
| 132 | 97 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00342 | 580HP | 09H- | 1.06 | 0.30 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00342 | 580HP | VS1+ | 0.72 | 0.27 | | 0 | <20 | P 2 |
| 142 | 97 | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | VS1- | 0.83 | 0.37 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00343 | 580HP | VS1- | 0.81 | 0.61 | | 0 | <20 | P 2 |
| 156 | 97 | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | VS7+ | 0.82 | 0.42 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | BW2+ | 2.09 | 0.62 | | 0 | 20 | P 2 |
| 39 | 98 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW2- | 1.76 | 0.25 | | 0 | <20 | P 2 |
| 41 | 98 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | BW2+ | 2.00 | 0.42 | | 0 | <20 | P 2 |
| 45 | 98 | 04/95 | C | TEC-TEH | TEC-TEH | | 00178 | 610HS | VS4- | 0.88 | 0.44 | | 0 | <20 | P 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 20 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----------|--------------------|-----|---------|------------------|------|-----|-------|----------|-------|-----|-----|-----|-----|------|
| 77 | 98 04/95 | H TSH-TSH TSH-TSH | | | 00151 600HP TSH- | 0.16 | | | | 1.26 | | 0.2 | SAI | P 3 | |
| | 04/95 | H TSH-TSH TSH-TSH | | | 00102 600HP TSH- | 0.15 | | | | 1.40 | | 0.2 | SAI | P 3 | |
| 115 | 98 04/95 | H 07H-VS3 07H-VS3 | | | 00451 580HP 08H- | 0.89 | | | | 0.45 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00451 580HP 08H+ | 0.80 | | | | 0.30 | | 0 | <20 | P 2 | |
| 117 | 98 04/95 | H 07H-VS3 07H-VS3 | | | 00332 580HP 08H+ | 0.70 | | | | 0.78 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00332 580HP 09H+ | 1.31 | | | | 0.60 | | 0 | <20 | P 2 | |
| 121 | 98 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS 08H+ | 0.81 | | | | 0.33 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00345 580HP 08H+ | 0.98 | | | | 0.41 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00345 580HP 09H- | 0.13 | | | | 0.36 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00345 580HP VS1- | 1.09 | | | | 0.50 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS VS1- | 0.89 | | | | 0.30 | | 0 | <20 | P 2 | |
| 123 | 98 04/95 | H 07H-VS2 07H-VS3 | | | 00342 580HP 09H+ | 0.05 | | | | 0.34 | | 0 | <20 | P 2 | |
| 125 | 98 04/95 | H 07H-VS2 07H-VS3 | | | 00343 580HP 08H- | 0.24 | | | | 0.27 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS 08H- | 0.12 | | | | 0.28 | | 0 | <20 | P 2 | |
| 131 | 98 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS 09H- | 1.00 | | | | 0.17 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00342 580HP 09H- | 0.97 | | | | 0.66 | | 0 | <20 | P 2 | |
| 137 | 98 04/95 | H 07H-VS3 07H-VS3 | | | 00343 580HP 09H+ | 0.96 | | | | 0.56 | | 0 | <20 | P 2 | |
| 139 | 98 04/95 | H 07H-VS3 07H-VS3 | | | 00342 580HP VS1+ | 0.91 | | | | 0.38 | | 0 | <20 | P 2 | |
| 153 | 98 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS BW1+ | 1.90 | | | | 0.21 | | 0 | <20 | P 2 | |
| 114 | 99 04/95 | H 07H-VS3 07H-VS3 | | | 00451 580HP 08H+ | 0.83 | | | | 0.30 | | 0 | <20 | P 2 | |
| 118 | 99 04/95 | C TEC-TEH TEC-TEH | | | 00085 610HS BW1+ | 1.90 | | | | 0.20 | | 0 | <20 | P 2 | |
| 122 | 99 04/95 | H 07H-VS2 07H-VS2 | | | 00354 580HP VS1+ | 0.77 | | | | 0.44 | | 0 | <20 | P 2 | |
| 124 | 99 04/95 | H 07H-VS2 07H-VS2 | | | 00351 580HP 09H+ | 1.04 | | | | 0.27 | | 0 | <20 | P 2 | |
| 126 | 99 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS 09H+ | 0.94 | | | | 0.56 | | 0 | <20 | P 2 | |
| 132 | 99 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 08H- | 0.13 | | | | 0.36 | | 0 | <20 | P 2 | |
| 136 | 99 04/95 | H 07H-VS3 07H-VS3 | | | 00353 580HP VS1- | 0.11 | | | | 0.26 | | 0 | <20 | P 2 | |
| 146 | 99 04/95 | H 07H-VS3 07H-VS3 | | | 00354 580HP BW1+ | 1.67 | | | | 0.53 | | 157 | <20 | P 2 | |
| 150 | 99 04/95 | H 07H-VS3 07H-VS3 | | | 00343 580HP VS3- | 0.76 | | | | 0.35 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00343 580HP VS3- | 0.10 | | | | 0.72 | | 0 | <20 | P 2 | |
| 113 | 100 04/95 | C TEC-TEH TEC-TEH | | | 00036 610HS VS2- | 1.09 | | | | 0.35 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00339 580HP VS2- | 0.86 | | | | 0.40 | | 0 | <20 | P 2 | |
| 115 | 100 04/95 | H 07H-VS3 07H-VS3 | | | 00451 580HP 08H+ | 0.83 | | | | 0.39 | | 0 | <20 | P 2 | |
| 117 | 100 04/95 | C TEC-TEH TEC-TEH | | | 00085 610HS 09H- | 0.71 | | | | 0.43 | | 0 | <20 | P 2 | |
| 119 | 100 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 09H- | 0.53 | | | | 0.58 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 09H+ | 0.03 | | | | 0.64 | | 0 | <20 | P 2 | |
| 121 | 100 04/95 | C TEC-TEH TEC-TEH | | | 00085 610HS VS1- | 0.94 | | | | 0.67 | | 0 | 22 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00352 580HP VS2- | 0.88 | | | | 0.33 | | 0 | <20 | P 2 | |
| 123 | 100 04/95 | H 07H-VS2 07H-VS3 | | | 00353 580HP 07H+ | 0.80 | | | | 0.46 | | 0 | <20 | P 2 | |
| 127 | 100 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 09H+ | 0.84 | | | | 0.21 | | 0 | <20 | P 2 | |
| 131 | 100 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 09H- | 0.12 | | | | 0.64 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | 00086 610HS 09H- | 0.06 | | | | 0.31 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | 00351 580HP 09H+ | 0.95 | | | | 0.47 | | 0 | <20 | P 2 | |
| 153 | 100 04/95 | C TEC-TEH TEC-TEH | | | 00085 610HS BW1- | 2.01 | | | | 0.18 | | 0 | <20 | P 2 | |
| 159 | 100 04/95 | C TEC-TEH TEC-TEH | | | 00100 610HS VS7+ | 0.84 | | | | 0.38 | | 0 | <20 | P 2 | |
| 38 | 101 04/95 | H BW1-BW1 BW1-BW1 | | | 00023 600HP BW1- | 1.87 | | | | 0.44 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 21 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | ° | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00023 | 600HP | BW1+ | 1.76 | 0.26 | 0 | <20 | P 2 | |
| 112 | 101 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP | BW1+ | 1.77 | 0.44 | 0 | <20 | P 2 | |
| 116 | 101 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 09H+ | 0.42 | 0.70 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | BW1+ | 1.95 | 0.56 | 0 | <20 | P 2 | |
| 118 | 101 | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | 07H+ | 0.68 | 1.34 | 0 | 32 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00354 | 580HP | 07H+ | 0.95 | 1.34 | 0 | <20 | P 2 | |
| 120 | 101 | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | 07H+ | 0.75 | 0.29 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 07H+ | 0.81 | 0.62 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | 09H+ | 0.88 | 0.63 | 0 | 20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 09H+ | 0.96 | 0.37 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | BW1+ | 2.00 | 0.09 | 0 | <20 | P 3 | |
| 122 | 101 | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | 08H- | 0.03 | 0.12 | 0 | <20 | P 2 | |
| 124 | 101 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00355 | 580HP | 08H+ | 0.54 | 0.34 | 0 | <20 | P 2 | |
| 126 | 101 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00354 | 580HP | 09H+ | 1.00 | 0.52 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | 09H+ | 1.08 | 0.24 | 0 | <20 | P 2 | |
| 128 | 101 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 08H- | 0.06 | 0.24 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 08H+ | 0.72 | 0.18 | 0 | <20 | P 2 | |
| 142 | 101 | 04/95 | C | TEC-TEH | TEC-VS3 | | 00101 | 610HS | | | | | OBS | | |
| 154 | 101 | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | BW2+ | 1.75 | 0.29 | 0 | <20 | P 2 | |
| 113 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP | 08H+ | 0.72 | 0.32 | 0 | <20 | P 2 | |
| 117 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 08H- | 0.16 | 0.61 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | 09H+ | 1.54 | 1.03 | 0 | 28 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 09H+ | 1.54 | 0.71 | 0 | <20 | P 2 | |
| 119 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 08H- | 1.08 | 0.26 | 0 | <20 | P 2 | |
| 121 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00352 | 580HP | 08H- | 0.06 | 0.45 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | 08H+ | 0.00 | 0.59 | 0 | 20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00085 | 610HS | VS1- | 0.75 | 0.19 | 0 | <20 | P 2 | |
| 127 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00351 | 580HP | 09H- | 0.95 | 0.38 | 0 | <20 | P 2 | |
| 129 | 102 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00469 | 580HP | 08H+ | 0.82 | 0.22 | 0 | <20 | P 2 | |
| 131 | 102 | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00355 | 580HP | 09H+ | 14.23 | 0.56 | 2.3 | MAI | P 3 | |
| | | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00355 | 580HP | 09H+ | 15.60 | 0.67 | 1.1 | MAI | P 3 | |
| | | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00355 | 580HP | BW1+ | 2.55 | 0.50 | 1.5 | MAI | P 3 | |
| 139 | 102 | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | VS1- | 0.89 | 0.33 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00355 | 580HP | VS1- | 0.82 | 0.81 | 0 | <20 | P 2 | |
| 36 | 103 | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | BW1- | 2.04 | 0.47 | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00023 | 600HP | BW1- | 2.04 | 0.67 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00020 | 610HS | BW2- | 1.94 | 0.46 | 0 | <20 | P 2 | |
| 112 | 103 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP | BW1+ | 1.76 | 0.43 | 0 | <20 | P 2 | |
| 114 | 103 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00451 | 580HP | 08H- | 0.88 | 0.74 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00451 | 580HP | BW1+ | 2.06 | 0.47 | 0 | <20 | P 2 | |
| 116 | 103 | 04/95 | C | TEC-TEH | TEC-TEH | | 00034 | 610HS | 09H+ | 1.01 | 0.59 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP | 09H+ | 1.08 | 1.10 | 0 | 24 | P 2 | |
| 124 | 103 | 04/95 | C | TEC-TEH | TEC-TEH | | 00086 | 610HS | 09H- | 0.09 | 0.59 | 0 | 23 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00361 | 580HP | 09H- | 0.04 | 0.22 | 0 | <20 | P 2 | |
| 128 | 103 | 04/95 | H | 07H-VS3 | 08H-VS3 | | 00355 | 580HP | 08H- | 0.01 | 0.47 | 0 | <20 | P 2 | |

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STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | t | CH | CHNG |
|-----|-----------|-------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-------------|---|----|------|
| 130 | 103 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS 09H+ | 0.93 | 0.33 | | 0 <20 P 2 | | | |
| 138 | 103 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS VS7- | 0.66 | 0.33 | | 0 <20 P 2 | | | |
| 144 | 103 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00355 | 580HP BW1+ | 1.82 | 0.42 | | 0 <20 P 2 | | | |
| 154 | 103 04/95 | H 09H-09H 09H-09H | H | 09H-09H | 09H-09H | | 00493 | 600HP 09H+ | 0.84 | 0.32 | | 0 <20 P 2 | | | |
| 113 | 104 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS2- | 0.91 | 0.48 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS VS2- | 0.71 | 0.43 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00033 | 610HS VS2- | 0.69 | 0.43 | | 0 <20 P 2 | | | |
| 117 | 104 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS 09H+ | 1.34 | 0.87 | | 0 20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 09H+ | 1.39 | 0.43 | | 0 <20 P 2 | | | |
| 119 | 104 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00361 | 580HP 09H- | 0.86 | 0.67 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00361 | 580HP 09H- | 0.32 | 0.43 | | 0 <20 P 2 | | | |
| 121 | 104 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS VS2- | 0.79 | 0.30 | | 0 <20 P 2 | | | |
| 131 | 104 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00363 | 580HP 09H- | 0.05 | 0.35 | | 0 <20 P 2 | | | |
| 157 | 104 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00099 | 610HS BW2+ | 1.76 | 1.16 | | 0 29 P 2 | | | |
| 82 | 105 04/95 | H 04H-05H 04H-05H | H | 04H-05H | 04H-05H | 1 | 00510 | 600HP 04H+ | 14.23 | 0.22 | | 0.2 SVI P 2 | | | |
| 114 | 105 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP BW1+ | 2.00 | 0.52 | | 0 <20 P 2 | | | |
| 116 | 105 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 08H+ | 0.78 | 0.31 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 09H+ | 0.99 | 0.62 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS 09H+ | 1.13 | 0.38 | | 0 <20 P 2 | | | |
| 118 | 105 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS BW1+ | 2.00 | 0.28 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00361 | 580HP BW1+ | 2.04 | 0.37 | | 0 <20 P 2 | | | |
| 126 | 105 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS 09H+ | 0.03 | 0.29 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00362 | 580HP 09H+ | 0.05 | 0.29 | | 0 <20 P 2 | | | |
| 142 | 105 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00364 | 580HP BW1+ | 1.89 | 0.89 | | 0 20 P 2 | | | |
| 113 | 106 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP 08H+ | 0.67 | 0.37 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1- | 1.28 | 0.47 | | 0 <20 P 2 | | | |
| 115 | 106 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS BW1+ | 1.93 | 0.32 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00331 | 580HP BW1+ | 1.96 | 0.49 | | 0 <20 P 2 | | | |
| 117 | 106 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 08H- | 0.15 | 0.47 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 08H+ | 0.87 | 0.60 | | 0 <20 P 2 | | | |
| 123 | 106 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00085 | 610HS 08H+ | 0.52 | 0.27 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS2 06H-VS2 | H | 07H-VS2 | 06H-VS2 | | 00369 | 580HP 08H+ | 0.75 | 0.22 | | 0 <20 P 2 | | | |
| 129 | 106 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00362 | 580HP 09H+ | 0.84 | 0.25 | | 0 <20 P 2 | | | |
| 131 | 106 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00369 | 580HP 09H+ | 0.95 | 0.50 | | 0 <20 P 2 | | | |
| 139 | 106 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00369 | 580HP BW1- | 2.00 | 0.76 | | 0 <20 P 2 | | | |
| 110 | 107 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00327 | 580HP BW1+ | 1.55 | 0.64 | | 0 <20 P 2 | | | |
| 112 | 107 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1- | 1.36 | 0.44 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS2- | 1.15 | 0.41 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS VS2- | 0.81 | 0.34 | | 0 <20 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS2- | 0.67 | 0.38 | | 0 <20 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS VS3- | 0.75 | 0.78 | | 0 23 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS3- | 0.74 | 1.06 | | 0 25 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS3- | 0.12 | 0.89 | | 0 22 P 2 | | | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00034 | 610HS VS3+ | 0.84 | 0.87 | | 0 25 P 2 | | | |
| | 04/95 | H 07H-VS3 07H-VS3 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP VS3+ | 0.85 | 0.73 | | 0 <20 P 2 | | | |

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04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 23 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-------|-------------------|-----|-----------------|---------|-----|-------|------------|----------|-------|-----|------|-----|------|
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00034 | 610HS VS6- | 0.85 | 0.35 | | 0<20 | P 2 | |
| 118 | 107 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00370 | 580HP 09H+ | 1.26 | 0.42 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 09H+ | 1.45 | 0.35 | | 0<20 | P 2 | |
| 120 | 107 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00370 | 580HP 07H- | 0.19 | 0.22 | | 0<20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00370 | 580HP 08H- | 0.16 | 0.41 | | 0<20 | P 2 | |
| 122 | 107 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00371 | 580HP 09H- | 0.90 | 0.68 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 09H+ | 0.65 | 0.48 | | 0<20 | P 2 | |
| | 04/95 | H 07H-VS2 07H-VS2 | | | | | 00371 | 580HP 09H+ | 0.80 | 0.69 | | 0<20 | P 2 | |
| | 04/95 | H 07H-VS2 07H-VS2 | | | | | 00371 | 580HP VS1+ | 0.18 | 0.69 | | 0<20 | P 3 | |
| 124 | 107 | 04/95 | C | TEC-TEH TEC-TEH | | | 00086 | 610HS 09H- | 0.06 | 0.38 | | 0<20 | P 2 | |
| 126 | 107 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00371 | 580HP 09H+ | 0.91 | 0.42 | | 0<20 | P 2 | |
| 113 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1- | 2.07 | 0.28 | | 0<20 | P 2 | |
| 115 | 108 | 04/95 | C | TEC-TEH TEC-TEH | | | 00032 | 610HS BW1+ | 2.25 | 0.23 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00032 | 610HS VS5- | 0.81 | 0.23 | | 0<20 | P 2 | |
| 117 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP 07H+ | 0.80 | 0.68 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 08H+ | 0.61 | 0.62 | | 0<20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00332 | 580HP 08H+ | 0.64 | 0.63 | | 0<20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00332 | 580HP 09H+ | 1.23 | 0.82 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 09H+ | 1.36 | 1.25 | | 0 26 | P 2 | |
| 119 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00370 | 580HP BW1+ | 1.33 | 0.39 | 0.1 | SVI | P 2 | |
| 121 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00371 | 580HP VS2+ | 0.81 | 0.53 | | 0<20 | P 2 | |
| 127 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00376 | 580HP 09H- | 0.13 | 0.53 | | 0<20 | P 2 | |
| 131 | 108 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00376 | 580HP 09H- | 0.14 | 0.57 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 09H- | 0.06 | 0.50 | | 0<20 | P 2 | |
| 108 | 109 | 04/95 | C | TEC-TEH TEC-TEH | | | 00032 | 610HS BW1+ | 2.25 | 0.25 | | 0<20 | P 2 | |
| 122 | 109 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00375 | 580HP VS1- | 0.81 | 0.45 | | 0<20 | P 2 | |
| 124 | 109 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00376 | 580HP 09H+ | 0.64 | 0.23 | | 0<20 | P 2 | |
| 130 | 109 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00376 | 580HP 09H- | 0.16 | 0.40 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00085 | 610HS 09H- | 0.09 | 0.39 | | 0<20 | P 2 | |
| 150 | 109 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00376 | 580HP VS1- | 1.04 | 0.23 | | 0<20 | P 2 | |
| 154 | 109 | 04/95 | C | TEC-TEH TEC-TEH | | | 00101 | 610HS VS3+ | 0.77 | 0.40 | | 0<20 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | | | | | 00504 | 600HP VS3+ | 1.00 | 0.56 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00101 | 610HS VS7+ | 0.25 | 0.23 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00101 | 610HS BW2+ | 1.75 | 0.36 | | 0<20 | P 2 | |
| 156 | 109 | 04/95 | H | VS1-VS1 VS1-VS1 | | | 00494 | 580HP VS1- | 0.84 | 0.29 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00100 | 610HS VS1- | 0.71 | 0.30 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00100 | 610HS VS7+ | 0.90 | 0.44 | | 0<20 | P 2 | |
| 81 | 110 | 04/95 | C | TEC-TEH TEC-TEH | | | 00014 | 610HS VS3- | 0.87 | 0.60 | | 0<20 | P 2 | |
| 109 | 110 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00160 | 580HP BW1+ | 1.83 | 0.32 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00032 | 610HS BW1+ | 2.25 | 0.45 | | 0<20 | P 2 | |
| 115 | 110 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP BW1+ | 1.95 | 0.85 | | 0 21 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00029 | 610HS BW1+ | 2.20 | 0.39 | | 0<20 | P 2 | |
| 119 | 110 | 04/95 | C | TEC-TEH TEC-TEH | | | 00085 | 610HS 09H+ | 0.61 | 0.41 | | 0<20 | P 2 | |
| 121 | 110 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00377 | 580HP VS1- | 0.85 | 0.54 | | 0<20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00086 | 610HS VS2- | 0.85 | 0.43 | | 0<20 | P 2 | |

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STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 24 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-----------|----|------|
| LIN | DATE | | | | | | | | | | | | | |
| 131 | 110 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00375 | 580HP BW1+ | 1.68 | 0.41 | | 0 <20 P 2 | | |
| 80 | 111 | 04/95 | C | TEC-TEH | TEC-TEH | | 00013 | 610HS VS3- | 0.75 | 0.14 | | 0 <20 P 2 | | |
| 116 | 111 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP BW1+ | 1.90 | 0.40 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP BW1+ | 2.06 | 0.50 | 0.3 | SVI P 2 | | |
| 118 | 111 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00384 | 580HP 09H+ | 0.24 | 0.46 | | 0 <20 P 2 | | |
| 111 | 112 | 04/95 | C | TEC-TEH | TEC-TEH | | 00029 | 610HS VS3+ | 0.74 | 1.11 | | 0 27 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00327 | 580HP VS3+ | 0.93 | 1.06 | | 0 25 P 2 | | |
| 117 | 112 | 04/95 | C | TEC-TEH | TEC-TEH | | 00083 | 610HS 09H+ | 1.05 | 0.36 | | 0 <20 P 2 | | |
| 125 | 112 | 04/95 | H | 08H-VS3 | 08H-VS3 | | 00388 | 580HP VS1- | 1.07 | 0.39 | | 0 <20 P 2 | | |
| 133 | 112 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00388 | 580HP BW1+ | 1.94 | 0.53 | | 0 <20 P 2 | | |
| 82 | 113 | 04/95 | C | TEC-TEH | TEC-TEH | | 00014 | 610HS VS5+ | 0.98 | 0.29 | | 0 <20 P 2 | | |
| 112 | 113 | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1+ | 2.25 | 0.56 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1+ | 2.26 | 0.44 | | 0 <20 P 2 | | |
| 114 | 113 | 04/95 | C | TEC-TEH | TEC-TEH | | 00029 | 610HS BW1- | 2.20 | 0.34 | | 0 <20 P 2 | | |
| 116 | 113 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00332 | 580HP BW1+ | 1.82 | 0.27 | | 0 <20 P 2 | | |
| 118 | 113 | 04/95 | C | TEC-TEH | TEC-TEH | | 00083 | 610HS BW1- | 2.00 | 0.14 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00384 | 580HP BW1- | 1.82 | 0.46 | | 0 <20 P 2 | | |
| 122 | 113 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00377 | 580HP 08H- | 0.20 | 0.68 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00377 | 580HP BW1+ | 1.54 | 0.31 | | 0 <20 P 2 | | |
| 126 | 113 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00377 | 580HP 09H- | 0.08 | 0.83 | | 0 <20 P 2 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00083 | 610HS 09H+ | 0.00 | 0.31 | | 0 <20 P 2 | | |
| 134 | 113 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00388 | 580HP BW1+ | 1.76 | 0.35 | | 0 <20 P 2 | | |
| 150 | 113 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00388 | 580HP BW1+ | 1.86 | 0.25 | | 0 <20 P 2 | | |
| 101 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1+ | 2.00 | 0.22 | | 0 <20 P 2 | | |
| 109 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1+ | 2.25 | 0.30 | | 0 <20 P 2 | | |
| 111 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS VS5- | 0.87 | 0.27 | | 0 <20 P 2 | | |
| 113 | 114 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP 08H+ | 0.81 | 0.63 | | 0 <20 P 2 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS 08H+ | 0.99 | 0.33 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1- | 1.70 | 0.41 | | 0 <20 P 2 | | |
| 115 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1- | 2.25 | 0.35 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP BW1- | 1.58 | 0.68 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP BW1+ | 1.82 | 1.11 | | 0 22 P 2 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1+ | 2.25 | 0.34 | | 0 <20 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP BW1+ | 2.37 | 0.17 | 0.8 | SVI P 3 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP VS3- | 0.78 | 0.37 | | 0 <20 P 2 | | |
| 119 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00084 | 610HS 09H+ | 0.84 | 0.60 | | 0 23 P 2 | | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00392 | 580HP 09H+ | 0.92 | 0.95 | | 0 22 P 2 | | |
| 143 | 114 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00392 | 580HP BW1+ | 1.93 | 0.30 | | 0 <20 P 2 | | |
| 147 | 114 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00392 | 580HP VS1+ | 0.99 | 0.39 | | 0 <20 P 2 | | |
| 149 | 114 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00393 | 580HP BW1+ | 1.74 | 0.42 | | 0 <20 P 2 | | |
| 155 | 114 | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS VS7+ | 0.77 | 0.64 | | 0 22 P 2 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00099 | 610HS BW2+ | 1.91 | 0.43 | | 0 <20 P 2 | | |
| 110 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00489 | 580MB BW1+ | 1.94 | 0.48 | | 0 <20 P 2 | | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00030 | 610HS BW1+ | 2.00 | 0.27 | | 0 <20 P 2 | | |
| 112 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00328 | 580HP BW1+ | 1.93 | 0.32 | | 0 <20 P 2 | | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 25 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------|-------|-----|---------|-------------|--------|-------|------|-------|----------|-------|-----|-----|-----|-----|------|
| 114 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | 08H- | 0.93 | | 0.81 | | 0 | <20 | P 2 | |
| 122 | 115 | 04/95 | H | 07H-VS2 | 07H-VS3 | 00397 | 580HP | BW1+ | 2.00 | | 0.21 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS3 | 00397 | 580HP | BW1+ | 5.99 | | 0.66 | | 0.2 | SAI | P 3 | |
| 124 | 115 | 04/95 | H | 07H-VS2 | 07H-VS2 | 00392 | 580HP | 09H- | 0.10 | | 0.38 | | 0 | <20 | P 2 | |
| 130 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00397 | 580HP | 09H+ | 0.81 | | 0.66 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00083 | 610HS | 09H+ | 0.98 | | 0.44 | | 0 | <20 | P 2 | |
| 132 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00392 | 580HP | 09H+ | 0.98 | | 0.26 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00392 | 580HP | BW1+ | 1.96 | | 0.29 | | 0 | <20 | P 2 | |
| 136 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00396 | 580HP | BW1+ | 1.91 | | 0.44 | | 0 | <20 | P 2 | |
| 146 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00397 | 580HP | VS1+ | 0.96 | | 0.34 | | 0 | <20 | P 2 | |
| 150 | 115 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00393 | 580HP | BW1+ | 1.84 | | 0.52 | | 0 | <20 | P 2 | |
| 156 | 115 | 04/95 | C | TEC-TEH | TEC-TEH | 00099 | 610HS | BW2- | 1.76 | | 0.41 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00099 | 610HS | BW2+ | 1.95 | | 0.40 | | 0 | <20 | P 2 | |
| 111 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00327 | 580HP | BW1+ | 2.02 | | 0.54 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | 00029 | 610HS | BW1+ | 2.20 | | 0.76 | | 0 | 20 | P 2 | |
| 113 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | BW1+ | 3.44 | | 0.66 | | 0.9 | SVI | P 2 | |
| 115 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | BW1- | 1.75 | | 0.56 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | BW1+ | 1.90 | | 1.34 | | 0 | 25 | P 2 | |
| 117 | 116 | 04/95 | C | TEC-TEH | TEC-TEH | 00083 | 610HS | 09H- | 0.83 | | 0.42 | | 0 | <20 | P 2 | |
| 121 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00458 | 580HP | VS2- | 1.08 | | 0.51 | | 0 | <20 | P 2 | |
| 123 | 116 | 04/95 | H | 07H-VS2 | 07H-VS2 | 00392 | 580HP | 08H+ | 0.83 | | 0.87 | | 0 | 20 | P 2 | |
| 139 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00392 | 580HP | BW1+ | 1.89 | | 0.60 | | 0 | <20 | P 2 | |
| 141 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00393 | 580HP | BW1- | 1.55 | | 0.42 | | 0 | <20 | P 2 | |
| 147 | 116 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00392 | 580HP | BW1- | 1.82 | | 0.34 | | 0 | <20 | P 2 | |
| 151 | 116 | 04/95 | C | TEC-TEH | TEC-TEH | 00084 | 610HS | 06C+ | 19.25 | | 8.98 | | 9 | BLI | P 1 | |
| 114 | 117 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | BW1+ | 1.51 | | 0.71 | | 0 | <20 | P 2 | |
| 122 | 117 | 04/95 | C | TEC-TEH | TEC-TEH | 00084 | 610HS | 07H+ | 4.18 | | 2.61 | | 14 | BLI | 1 | |
| 136 | 117 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00401 | 580HP | BW1+ | 1.94 | | 0.44 | | 0 | <20 | P 2 | |
| 119 | 118 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00403 | 580HP | BW1- | 1.93 | | 0.28 | | 0 | <20 | P 2 | |
| 137 | 118 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00401 | 580HP | BW1+ | 1.97 | | 0.49 | | 0 | <20 | P 2 | |
| 145 | 118 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00402 | 580HP | BW1- | 1.82 | | 0.24 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00402 | 580HP | BW1+ | 1.86 | | 0.46 | | 0 | <20 | P 2 | |
| 2 | 119 | 04/95 | H | TEH-TSH | TEH-TSH | 00028 | 580HP | TSH- | 0.92 | | 0.23 | | 0.2 | SAI | P 3 | |
| 112 | 119 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00328 | 580HP | BW1+ | 1.79 | | 0.36 | | 0 | <20 | P 2 | |
| 118 | 119 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00409 | 580HP | BW1- | 1.51 | | 0.28 | | 0 | <20 | P 2 | |
| 130 | 119 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00410 | 580HP | BW1+ | 1.68 | | 0.27 | | 0 | <20 | P 2 | |
| 136 | 119 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00409 | 580HP | BW1+ | 1.97 | | 0.50 | | 0 | <20 | P 2 | |
| 142 | 119 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00410 | 580HP | BW1+ | 1.79 | | 0.24 | | 0 | <20 | P 2 | |
| 109 | 120 | 04/95 | C | TEC-TEH | TEC-TEH | 00030 | 610HS | BW1+ | 2.00 | | 0.24 | | 0 | <20 | P 2 | |
| 115 | 120 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00452 | 580HP | BW1+ | 1.42 | | 0.67 | | 0 | <20 | P 2 | |
| 139 | 120 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00415 | 580HP | BW1+ | 1.76 | | 0.43 | | 0 | <20 | P 2 | |
| 141 | 120 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00416 | 580HP | BW1+ | 1.80 | | 0.26 | | 0 | <20 | P 2 | |
| 143 | 120 | 04/95 | H | 07H-VS3 | 07H-VS3 | 00417 | 580HP | BW1- | 1.67 | | 0.31 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | 00417 | 580HP | BW1+ | 1.86 | | 0.49 | | 0 | <20 | P 2 | |
| 151 | 120 | 04/95 | C | TEC-TEH | TEC-TEH | 00100 | 610HS | VS7- | 0.62 | | 0.71 | | 0 | 23 | P 2 | |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 26 OF 38
 DATE: 08/17/95
 TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | ° | CH | CHNG |
|-----|-------|-------------------|-------------------|---------|--------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00100 | 610HS VS7+ | 0.72 | 0.44 | | 0 | <20 | P 2 | |
| 82 | 121 | 04/95 | C TEC-TEH TEC-TEH | | | | 00010 | 610HS VS3- | 0.57 | 0.55 | | 0 | <20 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | | | | | 00494 | 580HP VS3- | 0.51 | 0.45 | | 0 | <20 | P 2 | |
| 116 | 121 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00324 | 580HP BW1+ | 1.50 | 0.52 | | 0 | <20 | P 2 | |
| 118 | 121 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00424 | 580HP 09H+ | 0.90 | 0.44 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00083 | 610HS 09H+ | 1.01 | 0.54 | | 0 | <20 | P 2 | |
| 142 | 121 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00418 | 580HP BW1- | 1.75 | 0.32 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00083 | 610HS VS2+ | 0.77 | 0.51 | | 0 | <20 | P 2 | |
| 144 | 121 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00415 | 580HP BW1- | 1.88 | 0.48 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00415 | 580HP BW1+ | 1.91 | 0.41 | | 0 | <20 | P 2 | |
| 107 | 122 | 04/95 | H 08H-08H 08H-08H | | | | 00493 | 600HP 08H+ | 0.87 | 0.57 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00029 | 610HS 08H+ | 0.91 | 0.44 | | 0 | <20 | P 2 | |
| 119 | 122 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00424 | 580HP BW1- | 2.22 | 0.38 | | 0 | <20 | P 2 | |
| 141 | 122 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00425 | 580HP BW1+ | 1.51 | 0.39 | | 0 | <20 | P 2 | |
| 151 | 122 | 04/95 | H 02H-03H 02H-03H | 1 | | | 00517 | 600HP 02H+ | 29.75 | 0.31 | 0.2 | SVI | P 2 | | |
| 40 | 123 | 04/95 | H 07H-07H 07H-07H | | | | 00023 | 600HP 07H- | 0.95 | 0.58 | 0.1 | SVI | P 2 | | |
| 98 | 123 | 04/95 | H 08H-08H 08H-08H | | | | 00493 | 600HP 08H- | 1.04 | 0.66 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00030 | 610HS 08H- | 0.95 | 0.50 | | 0 | <20 | P 2 | |
| 116 | 123 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00324 | 580HP 09H- | 1.07 | 0.66 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00029 | 610HS 09H- | 0.58 | 0.39 | | 0 | <20 | P 2 | |
| 118 | 123 | 04/95 | C TEC-TEH TEC-TEH | | | | 00083 | 610HS 09H+ | 0.87 | 0.48 | | 0 | <20 | P 2 | |
| 120 | 123 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1- | 1.95 | 0.36 | | 0 | <20 | P 2 | |
| 134 | 123 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1+ | 1.95 | 0.40 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00458 | 580HP VS1- | 0.95 | 0.34 | | 0 | <20 | P 2 | |
| 136 | 123 | 04/95 | H 07H-VS3 09H-VS3 | | | | 00430 | 580HP VS1- | 0.86 | 0.52 | | 0 | <20 | P 2 | |
| 138 | 123 | 04/95 | C TEC-TEH TEC-TEH | | | | 00083 | 610HS BW1+ | 2.00 | 0.47 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00423 | 580HP BW1+ | 2.03 | 0.55 | | 0 | <20 | P 2 | |
| 140 | 123 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00431 | 580HP BW1+ | 1.90 | 0.71 | | 0 | <20 | P 2 | |
| 59 | 124 | 04/95 | C TSC-01C TSC-01C | 1 | | | 00217 | 600HP TSC+ | 13.83 | 0.21 | 0.2 | SVI | P 2 | | |
| 97 | 124 | 04/95 | C TEC-TEH TEC-TEH | | | | 00030 | 610HS 08H- | 1.09 | 0.45 | | 0 | <20 | P 2 | |
| 99 | 124 | 04/95 | C TEC-TEH TEC-TEH | | | | 00029 | 610HS 08H+ | 0.38 | 0.47 | | 0 | <20 | P 2 | |
| 117 | 124 | 04/95 | C TEC-TEH TEC-TEH | | | | 00083 | 610HS 09H- | 0.84 | 0.29 | | 0 | <20 | P 2 | |
| 119 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00423 | 580HP 09H+ | 0.82 | 0.67 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | | | | | 00084 | 610HS 09H+ | 1.00 | 0.23 | | 0 | <20 | P 2 | |
| 121 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1- | 1.90 | 0.25 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00458 | 580HP VS2- | 1.05 | 0.25 | | 0 | <20 | P 2 | |
| 135 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1- | 1.85 | 0.24 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00458 | 580HP BW1+ | 1.90 | 0.36 | | 0 | <20 | P 2 | |
| 139 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1- | 2.00 | 0.26 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00458 | 580HP BW1+ | 1.85 | 0.61 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00436 | 580HP BW1+ | 2.05 | 0.39 | | 0 | <20 | P 2 | |
| 141 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00435 | 580HP BW1+ | 2.00 | 0.37 | | 0 | <20 | P 2 | |
| 143 | 124 | 04/95 | H 07H-VS3 07H-VS3 | | | | 00458 | 580HP BW1+ | 1.83 | 0.30 | | 0 | <20 | P 2 | |
| | 04/95 | H 07H-VS3 07H-VS3 | | | | | 00436 | 580HP BW1+ | 2.00 | 0.39 | | 0 | <20 | P 2 | |
| 36 | 125 | 04/95 | C TEC-TEH TEC-TEH | | | | 00005 | 610HS BW1- | 1.98 | 0.32 | | 0 | <20 | P 2 | |

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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 27 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|-------|-----|-----|----|------|
| 96 | 125 | 04/95 | H | 07H-VS3 | 07H-08H | | 00222 | 580HP | 08H- | 1.07 | 2.37 | 0 | 34 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | 08H- | 0.96 | 1.26 | 0 | 30 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-08H | | 00222 | 580HP | 08H+ | 0.08 | 0.31 | 0 | <20 | P | 2 |
| 102 | 125 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00160 | 580HP | 08H+ | 0.07 | 0.32 | 0 | <20 | P | 2 |
| 118 | 125 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00435 | 580HP | BW1- | 1.75 | 0.61 | 0 | <20 | P | 2 |
| 120 | 125 | 04/95 | C | TEC-TEH | TEC-TEH | | 00083 | 610HS | 09H+ | 0.80 | 0.66 | 0 | 20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00439 | 580HP | 09H+ | 0.84 | 1.30 | 0 | 29 | P | 2 |
| 126 | 125 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00458 | 580HP | BW1- | 2.13 | 0.19 | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00436 | 580HP | BW1- | 1.95 | 0.36 | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00458 | 580HP | BW1+ | 1.82 | 0.19 | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00436 | 580HP | BW1+ | 2.00 | 0.62 | 0 | <20 | P | 2 |
| 140 | 125 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00435 | 580HP | BW1+ | 2.02 | 0.39 | 0 | <20 | P | 2 |
| 59 | 126 | 04/95 | C | TEC-TEH | TEC-TEH | | 00005 | 610HS | BW1+ | 8.80 | 3.74 | 17 | BLI | P | 1 |
| 95 | 126 | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H- | 1.23 | 0.82 | 0 | 20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | 08H- | 1.00 | 0.42 | 0 | <20 | P | 2 |
| 115 | 126 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00176 | 580HP | BW1+ | 2.02 | 0.43 | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00021 | 610HS | BW1+ | 2.11 | 0.22 | 0 | <20 | P | 2 |
| 121 | 126 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00312 | 580HP | 09H- | 0.00 | 0.46 | 0 | <20 | P | 2 |
| 48 | 127 | 04/95 | C | TEC-TEH | TEC-TEH | | 00005 | 610HS | VS4- | 0.97 | 0.19 | 0 | <20 | P | 2 |
| 94 | 127 | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H- | 1.19 | 2.09 | 0 | 35 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00022 | 610HS | 08H- | 1.17 | 1.09 | 0 | 28 | P | 2 |
| 118 | 127 | 04/95 | C | TEC-TEH | TEC-TEH | | 00090 | 610HS | 05H+ | 1.58 | 20.98 | 18 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | 05H+ | 1.66 | 21.49 | 12 | BLI | P | 1 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00302 | 580HP | BW1- | 1.93 | 0.17 | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | BW1- | 1.88 | 0.28 | 0 | <20 | P | 2 |
| 128 | 127 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00303 | 580HP | BW1+ | 2.04 | 0.70 | 0 | <20 | P | 2 |
| 150 | 127 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00313 | 580HP | BW1- | 1.44 | 0.36 | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00313 | 580HP | BW1+ | 1.38 | 0.32 | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00093 | 610HS | BW1+ | 1.75 | 0.14 | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00093 | 610HS | 02C- | 1.01 | 0.29 | 0 | <20 | P | 2 |
| 121 | 128 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00303 | 580HP | VS2- | 0.27 | 0.47 | 0 | <20 | P | 2 |
| 123 | 128 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00302 | 580HP | 09H+ | 0.77 | 0.24 | 0 | <20 | P | 2 |
| 131 | 128 | 04/95 | H | 07H-VS3 | 07H-VS5 | | 00300 | 580HP | VS3- | 0.51 | 0.45 | 0 | <20 | P | 2 |
| 133 | 128 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP | BW1+ | 1.84 | 0.29 | 0 | <20 | P | 2 |
| 137 | 128 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00303 | 580HP | VS1- | 1.02 | 1.26 | 0 | 28 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | VS1- | 0.92 | 0.46 | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00303 | 580HP | VS3- | 1.14 | 1.27 | 0 | 28 | P | 2 |
| 149 | 128 | 04/95 | C | TEC-TEH | TEC-TEH | | 00093 | 610HS | 08H+ | 0.90 | 0.25 | 0 | <20 | P | 2 |
| 78 | 129 | 04/95 | C | TEC-TEH | TEC-TSH | | 00158 | 610HS | 01H+ | 3.74 | 14.56 | 14 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | | 00158 | 610HS | 02H+ | 10.29 | 23.56 | 18 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | | 00158 | 610HS | 03H+ | 4.07 | 8.41 | 18 | BLI | P | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TSH | | 00158 | 610HS | 01C+ | 7.90 | 4.73 | 9 | BLI | P | 1 |
| 82 | 129 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | 08H- | 0.93 | 0.23 | 0 | <20 | P | 2 |
| 96 | 129 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00160 | 580HP | 08H- | 1.02 | 0.40 | 0 | <20 | P | 2 |
| 110 | 129 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00174 | 580HP | BW1+ | 1.84 | 0.29 | 0 | <20 | P | 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 122 | 129 | 04/95 | H | 07H-VS2 | 07H-VS5 | | 00300 | 580HP | BW1+ | 1.99 | 0.23 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | BW1+ | 2.01 | 0.30 | | 0 | <20 | P 2 |
| 87 | 130 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | 08H+ | 0.77 | 0.40 | | 0 | <20 | P 2 |
| 103 | 130 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | VS2+ | 0.19 | 0.23 | | 0 | <20 | P 2 |
| 117 | 130 | 04/95 | H | 02H-03H | 02H-03H | 1 | 00527 | 600HP | 02H+ | 9.60 | 0.27 | 0.3 | SAI | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | 02H+ | 9.61 | 0.84 | 157 | <20 | 1 | |
| 131 | 130 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00297 | 580HP | VS1- | 0.73 | 0.69 | | 0 | <20 | P 2 |
| 133 | 130 | 04/95 | C | TEC-TEH | TEC-TEH | | 00091 | 610HS | VS3- | 0.88 | 0.45 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS5 | | 00295 | 580HP | VS3- | 0.72 | 0.76 | | 0 | <20 | P 2 |
| 96 | 131 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.74 | 0.39 | | 0 | <20 | P 2 |
| 116 | 131 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00175 | 580HP | 09H+ | 1.23 | 0.37 | | 0 | <20 | P 2 |
| 118 | 131 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00283 | 580HP | BW1- | 2.68 | 0.45 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | BW1- | 2.00 | 0.36 | | 0 | <20 | P 2 |
| 124 | 131 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00284 | 580HP | 09H- | 1.08 | 0.47 | | 0 | <20 | P 2 |
| 136 | 131 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00284 | 580HP | BW1+ | 1.83 | 0.43 | | 0 | <20 | P 2 |
| 1 | 132 | 04/95 | C | TEC-07H | TEC-07H | | 00168 | 580HP | 02C- | 1.04 | 0.58 | | 0 | <20 | P 2 |
| 79 | 132 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | VS5- | 0.68 | 0.36 | | 0 | <20 | P 2 |
| 85 | 132 | 04/95 | C | TEC-TEH | TEC-TEH | | 00157 | 610HS | 04C+ | 10.38 | 2.17 | 8 | BLI | 1 | |
| 117 | 132 | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | BW1+ | 1.88 | 0.26 | | 0 | <20 | P 2 |
| 135 | 132 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00283 | 580HP | VS2- | 0.22 | 0.39 | | 0 | <20 | P 2 |
| 137 | 132 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00284 | 580HP | BW1+ | 1.86 | 0.47 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00091 | 610HS | BW1+ | 2.07 | 0.16 | | 0 | <20 | P 2 |
| 90 | 133 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.62 | 0.42 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00022 | 610HS | BW1+ | 2.11 | 0.68 | | 0 | <20 | P 2 |
| 94 | 133 | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H- | 1.15 | 0.34 | | 0 | <20 | P 2 |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H+ | 0.81 | 0.66 | | 0 | <20 | P 2 |
| 96 | 133 | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H- | 1.14 | 0.40 | | 0 | <20 | P 2 |
| | | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H+ | 0.94 | 0.89 | | 0 | 21 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS | 08H+ | 1.06 | 0.72 | | 0 | 21 | P 2 |
| 108 | 133 | 04/95 | C | TEC-TEH | TEC-08C | | 00038 | 610HS | 08C+ | 29.47 | | | OBS | | |
| | | 04/95 | C | TEC-TEH | TEC-08C | | 00025 | 610HS | 08C+ | 20.99 | | | OBS | | |
| 116 | 133 | 04/95 | C | TEC-TEH | TEC-TEH | | 00024 | 610HS | 09H+ | 0.09 | 0.38 | | 0 | <20 | P 2 |
| 118 | 133 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00276 | 580HP | BW1- | 1.84 | 0.72 | | 0 | <20 | P 2 |
| 122 | 133 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00276 | 580HP | BW1+ | 1.91 | 0.71 | | 0 | <20 | P 2 |
| 138 | 133 | 04/95 | C | TEC-TEH | TEC-TEH | | 00092 | 610HS | BW2+ | 1.77 | 0.54 | | 0 | <20 | P 2 |
| 87 | 134 | 04/95 | H | 08H-08H | 08H-08H | | 00498 | 600HP | 08H- | 1.13 | 0.59 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | 08H- | 0.95 | 0.60 | | 0 | <20 | P 2 |
| 95 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00165 | 580HP | 08H- | 1.07 | 0.67 | | 0 | 20 | P 2 |
| 109 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | BW1+ | 2.08 | 0.83 | | 0 | 20 | P 2 |
| 115 | 134 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00175 | 580HP | BW1+ | 2.01 | 0.41 | | 0 | <20 | P 2 |
| 125 | 134 | 04/95 | C | TEC-TEH | TEC-TEH | | 00090 | 610HS | VS1+ | 0.78 | 0.38 | | 0 | <20 | P 2 |
| 140 | 135 | 04/95 | C | 06C-06C | 06C-06C | 1 | 00217 | 600HP | 06C+ | 0.09 | 0.40 | | 0 | <20 | P 2 |
| 87 | 136 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | 08H- | 0.18 | 0.36 | | 0 | <20 | P 2 |
| 89 | 136 | 04/95 | C | TEC-TEH | TEC-TEH | | 00157 | 610HS | 08H+ | 0.69 | 0.27 | | 0 | <20 | P 2 |
| 101 | 136 | 04/95 | C | TEC-TEH | TEC-TEH | | 00026 | 610HS | BW1+ | 2.18 | 0.39 | | 0 | <20 | P 2 |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

PAGE: 29 OF 38
 DATE: 08/17/95
 TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT
ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | ¢ | CH | CHNG |
|-----|-----|-----------|-----|---------|-----------------------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 113 | 136 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00175 | 580HP | BW1+ | 1.37 | 0.44 | 0 | <20 | P 2 | |
| 115 | 136 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | BW1+ | 1.74 | 0.59 | 0 | <20 | P 2 | |
| 82 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | VS3- | 1.02 | 0.36 | 0 | <20 | P 2 | |
| 102 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | VS2- | 0.95 | 0.53 | 0 | <20 | P 2 | |
| 106 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | BW1- | 1.91 | 0.56 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | VS2+ | 1.10 | 0.38 | 0 | <20 | P 2 | |
| 114 | 137 | 04/95 | C | TEC-TEH | TEC-TEH | | 00026 | 610HS | BW1- | 2.00 | 0.22 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00180 | 580HP | BW1- | 1.75 | 0.54 | 0 | <20 | P 2 | |
| 116 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00181 | 580HP | BW1+ | 1.88 | 0.33 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00025 | 610HS | BW1+ | 1.91 | 0.29 | 0 | <20 | P 2 | |
| 118 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00261 | 580HP | BW1- | 1.82 | 0.45 | 0 | <20 | P 2 | |
| 120 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00262 | 580HP | BW1+ | 1.92 | 0.30 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | BW1+ | 2.11 | 0.49 | 0 | <20 | P 2 | |
| 130 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00263 | 580HP | 09H- | 0.27 | 0.33 | 0 | <20 | P 2 | |
| 134 | 137 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00261 | 580HP | BW1+ | 1.66 | 0.34 | 0 | <20 | P 2 | |
| 43 | 138 | 04/95 | H | BW1-BW1 | BW1-BW1 | 1 | 00023 | 600HP | BW1- | 1.15 | 0.21 | 0 | <20 | P 2 | |
| 109 | 138 | 04/95 | C | TEC-TEH | TEC-TEH | | 00026 | 610HS | BW1- | 2.00 | 0.30 | 0 | <20 | P 2 | |
| 111 | 138 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00185 | 580HP | BW1- | 1.87 | 0.28 | 0 | <20 | P 2 | |
| 66 | 139 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | 08H- | 0.50 | 0.40 | 0 | <20 | P 2 | |
| 72 | 139 | 04/95 | C | TEC-TEH | TEC-TEH | | 00157 | 610HS | 08H+ | 0.12 | 0.24 | 0 | <20 | P 2 | |
| 90 | 139 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | BW1+ | 2.19 | 0.52 | 0 | <20 | P 2 | |
| 96 | 139 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00170 | 580HP | 08H+ | 0.84 | 0.42 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00170 | 580HP | BW1+ | 2.06 | 0.43 | 0 | <20 | P 2 | |
| 98 | 139 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00171 | 580HP | BW1+ | 1.66 | 0.52 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00026 | 610HS | BW1+ | 2.00 | 0.58 | 0 | <20 | P 2 | |
| 118 | 139 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00255 | 580HP | BW1+ | 1.93 | 0.36 | 0 | <20 | P 2 | |
| 87 | 140 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00506 | 580HP | VS3+ | 0.24 | 0.38 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | VS3+ | 0.70 | 0.48 | 0 | <20 | P 2 | |
| 91 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | BW1+ | 2.06 | 0.43 | 0 | <20 | P 2 | |
| 93 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | BW1- | 1.81 | 0.30 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | BW1+ | 2.05 | 0.29 | 0 | <20 | P 2 | |
| 103 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00184 | 580HP | BW1+ | 1.76 | 0.24 | 0 | <20 | P 2 | |
| 117 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00185 | 580HP | BW1- | 1.83 | 0.32 | 0 | <20 | P 2 | |
| 119 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00256 | 580HP | BW1- | 1.81 | 0.35 | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00090 | 610HS | BW1- | 1.75 | 0.24 | 0 | <20 | P 2 | |
| 121 | 140 | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | BW1+ | 1.81 | 0.07 | 0 | <20 | P 2 | |
| 129 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00251 | 580HP | BW1- | 1.75 | 0.20 | 0 | <20 | P 2 | |
| 131 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00252 | 580HP | BW1+ | 2.02 | 0.56 | 0 | <20 | P 2 | |
| 133 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00255 | 580HP | BW1+ | 2.08 | 0.32 | 0 | <20 | P 2 | |
| 135 | 140 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00256 | 580HP | BW1+ | 1.93 | 0.44 | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00256 | 580HP | VS2+ | 0.83 | 0.47 | 0 | <20 | P 2 | |
| 22 | 141 | 04/95 | H | 04H-05H | 04H-05H | 1 | 00023 | 600HP | 04H+ | 19.78 | 0.29 | 0.3 | SVI | P 2 | |
| 28 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00004 | 610HS | 07H+ | 1.07 | 0.57 | 0 | 20 | P 2 | |
| 82 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | VS3- | 0.83 | 1.88 | 0 | 38 | P 2 | |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00494 | 580HP | VS3- | 0.81 | 2.21 | 0 | 37 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 30 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|-------|-----------|-------|-----|-----|-----|-----|------|
| 86 | 141 | 04/95 | C | TEC-TEH | TEC-TEH | | 00158 | 610HS | BW1+ 1.75 | 0.34 | | 0 | <20 | P 2 | |
| 94 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00171 | 580HP | BW1+ 1.70 | 0.25 | | 0 | <20 | P 2 | |
| 130 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00256 | 580HP | 09H- 0.18 | 0.40 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00256 | 580HP | BW1+ 1.83 | 0.35 | | 0 | <20 | P 2 | |
| 134 | 141 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00252 | 580HP | BW1+ 1.90 | 0.62 | | 0 | <20 | P 2 | |
| 1 | 142 | 04/95 | C | TEC-07H | TEC-07H | | 00168 | 580HF | 03C- 0.98 | 0.47 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-07H | TEC-07H | | 00168 | 580HF | 02C- 0.94 | 0.72 | | 0 | 20 | P 2 | |
| 79 | 142 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | 08H- 0.12 | 0.34 | | 0 | <20 | P 2 | |
| 111 | 142 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00185 | 580HP | BW1+ 1.85 | 0.32 | | 0 | <20 | P 2 | |
| 123 | 142 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00245 | 580HP | BW1+ 1.81 | 0.52 | | 0 | <20 | P 2 | |
| 114 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00183 | 580HP | BW1- 1.76 | 0.13 | | 0 | <20 | P 2 | |
| 118 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00245 | 580HP | BW1+ 2.19 | 0.88 | | 0 | 23 | P 2 | |
| 122 | 143 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00239 | 580HP | BW1- 2.00 | 0.34 | | 0 | <20 | P 2 | |
| 128 | 143 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00246 | 580HP | BW1+ 1.92 | 0.50 | | 0 | <20 | P 3 | |
| 61 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | BW1+ 1.92 | 0.33 | | 0 | <20 | P 2 | |
| 79 | 144 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00503 | 600HP | BW1+ 1.54 | 0.23 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | BW1+ 1.96 | 0.28 | | 0 | <20 | P 2 | |
| 83 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | VS5- 0.72 | 0.39 | | 0 | <20 | P 2 | |
| 91 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00026 | 610HS | 08H+ 0.95 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00170 | 580HP | 08H+ 1.05 | 0.65 | | 0 | <20 | P 2 | |
| 109 | 144 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00197 | 580HP | BW1+ 1.63 | 0.75 | | 0 | <20 | P 2 | |
| 111 | 144 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | BW1+ 1.79 | 0.47 | | 0 | <20 | P 2 | |
| 119 | 144 | 04/95 | C | TEC-TEH | TEC-TEH | | 00090 | 610HS | BW1+ 1.83 | 0.15 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00245 | 580HP | BW1+ 2.24 | 0.57 | | 0 | <20 | P 2 | |
| 66 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | VS5+ 0.75 | 0.43 | | 0 | <20 | P 2 | |
| 68 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | 08H+ 0.78 | 0.30 | | 0 | <20 | P 2 | |
| 82 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | VS5- 0.97 | 0.55 | 88 | <20 | P 2 | | |
| 106 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00312 | 580HP | BW1+ 2.28 | 0.22 | | 0 | <20 | P 2 | |
| 108 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00197 | 580HP | BW1+ 1.75 | 0.46 | | 0 | <20 | P 2 | |
| 122 | 145 | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | BW1+ 1.92 | 0.31 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00239 | 580HP | BW1+ 2.07 | 0.73 | | 0 | <20 | P 2 | |
| 130 | 145 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00239 | 580HP | BW1+ 2.09 | 0.60 | | 0 | <20 | P 2 | |
| 67 | 146 | 04/95 | H | 08H-08H | 08H-BW1 | | 00506 | 580HP | 08H+ 0.59 | 0.65 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 08H-08H | 08H-BW1 | | 00506 | 580HP | 08H+ 1.18 | 2.30 | | 0 | 33 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | 08H+ 1.21 | 0.93 | | 0 | 25 | P 2 | |
| 77 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | 08H+ 0.57 | 0.13 | | 0 | <20 | P 2 | |
| 87 | 146 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00503 | 600HP | BW1+ 1.33 | 0.26 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | BW1+ 2.06 | 0.30 | | 0 | <20 | P 2 | |
| 105 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00320 | 580HP | VS2- 1.03 | 0.52 | | 0 | <20 | P 2 | |
| 113 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP | BW1- 1.76 | 0.29 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00452 | 580HP | BW1+ 1.73 | 0.22 | | 0 | <20 | P 2 | |
| 115 | 146 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00197 | 580HP | BW1+ 1.82 | 0.65 | | 0 | <20 | P 2 | |
| 125 | 146 | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | BW1+ 1.75 | 0.44 | | 0 | <20 | P 2 | |
| | | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00450 | 580HP | BW1+ 1.75 | 0.55 | | 0 | <20 | P 2 | |
| 129 | 146 | 04/95 | H | 07H-VS3 | 06H-VS3 | | 00238 | 580HP | BW1+ 1.84 | 0.35 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT

04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
 OUTAGE DATA SET : CURRENT
 SELECTION VARIABLES: Percent

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DATE: 08/17/95

TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | † | CH | CHNG |
|-----|-------|-------------|---------|---------|---------|-------|-------|-------|----------|-------|------|-----|-----|----|------|
| | 04/95 | C 03C-03C | 03C-03C | 1 | 00215 | 600HP | 03C- | 1.05 | 0.76 | 0 | <20 | P | 2 | | |
| 52 | 147 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00503 | 600HP | BW1+ | 1.43 | 0.16 | 0 | <20 | P | 2 |
| 60 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | 02C+ | 7.72 | 5.14 | 10 | BLI | 1 | |
| 68 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | VS3- | 0.72 | 0.27 | 0 | <20 | P | 2 |
| 70 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | 08H+ | 0.87 | 0.33 | 0 | <20 | P | 2 |
| 82 | 147 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1+ | 1.76 | 0.24 | 0 | <20 | P | 2 |
| 90 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00169 | 580HP | BW1+ | 1.80 | 0.31 | 0 | <20 | P | 2 |
| 96 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | BW1+ | 2.20 | 0.30 | 0 | <20 | P | 2 |
| 106 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | BW1- | 1.96 | 0.45 | 0 | <20 | P | 2 |
| 118 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00239 | 580HP | BW1+ | 2.02 | 0.51 | 0 | <20 | P | 2 |
| 120 | 147 | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 04C+ | 10.67 | 4.21 | 3 | BLI | 1 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 04C+ | 1.86 | 2.44 | 3 | BLI | 1 | | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 03C+ | 1.29 | 3.60 | 6 | BLI | 1 | | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 02C+ | 35.26 | 4.14 | 2 | BLI | 1 | | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 02C+ | 30.03 | 2.39 | 2 | BLI | 1 | | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 01C+ | 13.72 | 3.01 | 3 | BLI | 1 | | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 01C+ | 13.66 | 3.10 | 2 | BLI | 1 | | |
| 122 | 147 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00239 | 580HP | BW1+ | 2.00 | 0.44 | 0 | <20 | P | 2 |
| 126 | 147 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00239 | 580HP | BW1- | 1.97 | 0.24 | 0 | <20 | P | 2 |
| 81 | 148 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00503 | 600HP | BW1+ | 1.98 | 0.38 | 0 | <20 | P | 2 |
| 93 | 148 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00195 | 580HP | BW1+ | 1.84 | 0.37 | 0 | <20 | P | 2 |
| 95 | 148 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | VS5+ | 0.63 | 0.17 | 0 | <20 | P | 2 |
| 99 | 148 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00194 | 580HP | BW1+ | 1.97 | 0.69 | 0 | <20 | P | 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | VS5+ | 0.70 | 0.15 | 0 | <20 | P | 2 | |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | VS6- | 1.06 | 0.22 | 0 | <20 | P | 2 | |
| 105 | 148 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00195 | 580HP | BW1+ | 1.75 | 0.38 | 0 | <20 | P | 2 |
| 117 | 148 | 04/95 | C | TEC-TEH | TEC-TEH | | 00089 | 610HS | 09H- | 0.91 | 0.55 | 0 | <20 | P | 2 |
| 121 | 148 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00239 | 580HP | 09H+ | 0.87 | 0.37 | 0 | <20 | P | 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00239 | 580HP | BW1+ | 1.97 | 0.57 | 0 | <20 | P | 2 | |
| 123 | 148 | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00240 | 580HP | BW1- | 1.69 | 0.36 | 0 | <20 | P | 2 |
| | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00240 | 580HP | BW1+ | 1.98 | 0.42 | 0 | <20 | P | 2 | |
| 127 | 148 | 04/95 | C | TEC-TEH | TEC-TEH | | 00095 | 610HS | VS1+ | 0.88 | 0.36 | 0 | <20 | P | 2 |
| | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00240 | 580HP | VS1+ | 0.99 | 0.52 | 0 | <20 | P | 2 | |
| 56 | 149 | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | BW1+ | 1.91 | 0.19 | 0 | <20 | P | 2 |
| 66 | 149 | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | 08H+ | 1.45 | 0.36 | 0 | <20 | P | 2 |
| 76 | 149 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00494 | 580HP | VS3+ | 0.67 | 0.68 | 0 | <20 | P | 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00155 | 610HS | VS3+ | 0.69 | 0.84 | 0 | 27 | P | 2 | |
| 78 | 149 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00494 | 580HP | VS3+ | 0.69 | 1.86 | 0 | 34 | P | 2 |
| | 04/95 | C | TEC-TEH | TEC-TEH | | 00156 | 610HS | VS3+ | 0.80 | 1.99 | 0 | 37 | P | 2 | |
| 96 | 149 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | BW1+ | 2.04 | 0.62 | 0 | 20 | P | 2 |
| 116 | 149 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | 09H+ | 0.00 | 0.21 | 0 | <20 | P | 2 |
| 120 | 149 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00240 | 580HP | BW1+ | 1.66 | 0.17 | 0 | <20 | P | 2 |
| 122 | 149 | 04/95 | H | 07H-VS2 | 07H-VS3 | | 00239 | 580HP | 09H- | 0.19 | 0.47 | 0 | <20 | P | 2 |
| | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00239 | 580HP | BW1- | 2.04 | 0.66 | 0 | <20 | P | 2 | |
| | 04/95 | H | 07H-VS2 | 07H-VS2 | | 00239 | 580HP | BW1+ | 1.92 | 0.57 | 0 | <20 | P | 2 | |

ROCKRIDGE TECHNOLOGIES



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 32 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | † | CH | CHNG |
|-----|-----|-----------|-----|---------|-------------|--------|-----|-------|-------|----------|-------|------|-----|---|-----|------|
| 53 | 150 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00506 | 580HP | BW1- | 1.88 | 0.37 | | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00506 | 580HP | BW1+ | 1.76 | 0.46 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | BW1+ | 1.93 | 0.39 | | 0 | <20 | P 2 |
| 61 | 150 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | BW1+ | 1.84 | 0.76 | | 0 | 25 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ | 1.89 | 1.26 | | 0 | 23 | P 2 |
| 63 | 150 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ | 1.93 | 0.77 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ | 2.01 | 0.50 | | 0 | <20 | P 2 |
| 67 | 150 | 04/95 | H | 08H-08H | 08H-BW1 | | | 00506 | 580HP | 08H+ | 0.39 | 0.87 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | 08H+ | 0.78 | 0.51 | | 0 | <20 | P 2 |
| | | 04/95 | H | 08H-08H | 08H-BW1 | | | 00506 | 580HP | BW1- | 1.83 | 0.73 | | 0 | <20 | P 2 |
| 95 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00205 | 580HP | 07H+ | 0.32 | 0.39 | | 0 | <20 | P 2 |
| 109 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00206 | 580HP | BW1+ | 1.39 | 0.78 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00028 | 610HS | BW1+ | 2.14 | 0.25 | | 0 | <20 | P 2 |
| 113 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00206 | 580HP | BW1+ | 1.45 | 0.56 | | 0 | <20 | P 2 |
| 117 | 150 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00089 | 610HS | BW1+ | 1.75 | 0.31 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ | 2.05 | 0.44 | | 0 | <20 | P 2 |
| 119 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00239 | 580HP | BW1+ | 1.61 | 0.31 | | 0 | <20 | P 2 |
| 121 | 150 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00240 | 580HP | BW1+ | 1.81 | 1.10 | | 0 | 22 | P 2 |
| 123 | 150 | 04/95 | H | 07H-VS2 | 08H-VS2 | | | 00226 | 580HP | BW1+ | 2.00 | 0.53 | | 0 | <20 | P 2 |
| 48 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | BW1+ | 1.84 | 0.16 | | 0 | <20 | P 2 |
| 62 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ | 2.03 | 0.28 | | 0 | <20 | P 2 |
| 66 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ | 2.25 | 0.17 | | 0 | <20 | P 2 |
| 74 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | VS3- | 0.92 | 0.45 | | 0 | <20 | P 2 |
| 76 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | VS5+ | 0.90 | 0.27 | | 0 | <20 | P 2 |
| 82 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | 08H+ | 0.77 | 0.34 | | 0 | <20 | P 2 |
| 114 | 151 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ | 1.77 | 0.30 | | 0 | <20 | P 2 |
| 120 | 151 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00450 | 580HP | BW1+ | 1.79 | 0.26 | | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00089 | 610HS | BW1+ | 1.91 | 0.24 | | 0 | <20 | P 2 |
| 122 | 151 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00096 | 610HS | BW1+ | 2.00 | 0.13 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS2 | 07H-VS3 | | | 00224 | 580HP | BW1+ | 2.01 | 0.52 | | 0 | <20 | P 2 |
| 51 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ | 2.03 | 0.19 | | 0 | <20 | P 2 |
| 63 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1- | 1.75 | 0.48 | | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1- | 1.62 | 0.63 | | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ | 1.65 | 1.41 | | 0 | 29 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ | 1.75 | 0.90 | | 0 | 24 | P 2 |
| 67 | 152 | 04/95 | H | 07H-07H | 08H-BW1 | | | 00506 | 580HP | 08H+ | 0.12 | 1.90 | | 0 | 30 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | 08H+ | 0.24 | 0.63 | | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-07H | 08H-BW1 | | | 00506 | 580HP | BW1- | 1.77 | 0.85 | | 0 | <20 | P 2 |
| 107 | 152 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00205 | 580HP | BW1+ | 1.30 | 0.89 | | 0 | 20 | P 2 |
| 113 | 152 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ | 1.61 | 0.33 | | 0 | <20 | P 2 |
| 115 | 152 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ | 1.70 | 0.36 | | 0 | <20 | P 2 |
| 117 | 152 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ | 1.96 | 0.41 | | 0 | <20 | P 2 |
| 121 | 152 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00096 | 610HS | BW1+ | 2.00 | 0.15 | | 0 | <20 | P 2 |
| 60 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | BW1+ | 1.85 | 0.15 | | 0 | <20 | P 2 |
| 62 | 153 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ | 2.08 | 1.21 | | 0 | 22 | P 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 33 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | PROGRAM | EXAM EXTENT | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------|-------------|--------|-----|-------|-------|------------|-------|-----|-----|-----|----|------|
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ 2.14 | 0.81 | | 0 | 23 | P | 2 |
| 66 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | 08H+ 1.33 | 0.75 | | 0 | 21 | P | 2 |
| | | 04/95 | H | 08H-08H | 08H-08H | | | 00498 | 600HP | 08H+ 1.72 | 0.61 | | 0 | <20 | P | 2 |
| 78 | 153 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1- 2.25 | 0.21 | | 0 | <20 | P | 2 |
| 88 | 153 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ 1.54 | 0.32 | | 0 | <20 | P | 2 |
| 90 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00211 | 580HP | BW1+ 1.76 | 0.34 | | 0 | <20 | P | 2 |
| 96 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ 1.56 | 0.36 | | 0 | <20 | P | 2 |
| 104 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | 08H+ 0.76 | 0.25 | | 0 | <20 | P | 2 |
| 106 | 153 | 04/95 | H | TEH-TSH | TEH-TSH | | | 00056 | 600HP | TEH+ 3.39 | 0.49 | | 0.1 | MAI | P | 2 |
| | | 04/95 | H | TEH-TSH | TEH-TSH | | | 00056 | 600HP | TEH+ 22.49 | 0.45 | | 0.2 | MAI | P | 2 |
| 110 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00320 | 580HP | BW1+ 1.97 | 0.60 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00028 | 610HS | BW1+ 2.10 | 0.36 | | 0 | <20 | P | 2 |
| 114 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ 1.83 | 0.51 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00028 | 610HS | BW1+ 2.15 | 0.39 | | 0 | <20 | P | 2 |
| 116 | 153 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ 1.79 | 0.44 | | 0 | <20 | P | 2 |
| 63 | 154 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ 1.19 | 0.67 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ 1.75 | 0.62 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | VS5+ 0.88 | 0.33 | | 0 | <20 | P | 2 |
| 69 | 154 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | 08H+ 0.85 | 0.59 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 08H-08H | 08H-08H | | | 00498 | 600HP | 08H+ 1.14 | 0.46 | | 0 | <20 | P | 2 |
| 71 | 154 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | VS3+ 1.03 | 0.42 | | 0 | <20 | P | 2 |
| 87 | 154 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00156 | 610HS | BW1+ 2.22 | 0.26 | | 0 | <20 | P | 2 |
| 89 | 154 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ 1.77 | 0.38 | | 0 | <20 | P | 2 |
| 101 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00212 | 580HP | BW1- 1.64 | 0.28 | | 0 | <20 | P | 2 |
| 111 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ 1.90 | 0.51 | | 0 | <20 | P | 2 |
| 115 | 154 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ 1.93 | 0.69 | | 0 | <20 | P | 2 |
| 56 | 155 | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1- 1.89 | 0.18 | | 0 | <20 | P | 2 |
| 62 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00154 | 610HS | BW1+ 1.79 | 0.59 | | 0 | <20 | P | 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | | 00503 | 600HP | BW1+ 1.79 | 0.93 | | 0 | <20 | P | 2 |
| 66 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00153 | 610HS | 08H+ 1.10 | 0.96 | | 0 | 26 | P | 2 |
| | | 04/95 | H | 08H-08H | 08H-08H | | | 00498 | 600HP | 08H+ 1.73 | 1.11 | | 0 | 24 | P | 2 |
| 88 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00155 | 610HS | BW1+ 2.25 | 0.40 | | 0 | <20 | P | 2 |
| 90 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00028 | 610HS | BW1+ 2.09 | 0.27 | | 0 | <20 | P | 2 |
| 92 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00212 | 580HP | BW1- 1.79 | 0.55 | | 0 | <20 | P | 2 |
| 96 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00212 | 580HP | BW1+ 1.77 | 0.37 | | 0 | <20 | P | 2 |
| 104 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ 1.86 | 0.31 | | 0 | <20 | P | 2 |
| 110 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00207 | 580HP | BW1+ 1.72 | 0.55 | | 0 | <20 | P | 2 |
| 114 | 155 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00027 | 610HS | BW1- 2.05 | 0.34 | | 0 | <20 | P | 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | | 00027 | 610HS | BW1- 1.81 | 0.34 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1- 1.78 | 0.52 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00208 | 580HP | BW1+ 2.19 | 0.61 | | 0 | <20 | P | 2 |
| 120 | 155 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00444 | 580HP | BW1+ 1.86 | 0.50 | | 0 | <20 | P | 2 |
| 65 | 156 | 04/95 | C | TEC-TEH | TEC-TEH | | | 00153 | 610HS | BW1- 2.00 | 0.42 | | 0 | <20 | P | 2 |
| | | 04/95 | H | 07H-BW1 | 07H-BW1 | | | 00506 | 580HP | BW1- 1.79 | 1.17 | | 0 | 21 | P | 2 |
| 103 | 156 | 04/95 | H | 07H-VS3 | 07H-VS3 | | | 00212 | 580HP | BW1+ 1.55 | 0.32 | | 0 | <20 | P | 2 |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 34 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|----------|-------|-------|-----|-----|------|
| 105 | 156 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ | 1.80 | 0.30 | 0 | <20 | P 2 |
| 111 | 156 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ | 2.06 | 0.39 | 0 | <20 | P 2 |
| 115 | 156 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ | 1.82 | 0.38 | 0 | <20 | P 2 |
| 121 | 156 | 04/95 | C | TEC-TEH | TEC-TEH | | 00095 | 610HS | 04C+ | 0.06 | 0.29 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00095 | 610HS | 03C+ | 0.66 | 0.39 | 0 | <20 | P 2 |
| 68 | 157 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 08H+ | 1.06 | 0.41 | 0 | <20 | P 2 |
| 72 | 157 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1- | 1.80 | 0.35 | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1+ | 1.54 | 0.55 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ | 2.18 | 0.46 | 0 | <20 | P 2 |
| 76 | 157 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00494 | 580HP | VS3+ | 0.65 | 0.83 | 0 | 21 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VS3+ | 0.77 | 0.64 | 0 | 21 | P 2 |
| 78 | 157 | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00494 | 580HP | VS3+ | 0.72 | 0.55 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | VS3+ | 0.82 | 0.51 | 0 | <20 | P 2 |
| 94 | 157 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00212 | 580HP | BW1+ | 1.64 | 0.77 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00028 | 610HS | BW1+ | 2.24 | 0.39 | 0 | <20 | P 2 |
| 108 | 157 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00212 | 580HP | BW1+ | 1.62 | 0.31 | 0 | <20 | P 2 |
| 114 | 157 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1- | 1.80 | 0.31 | 0 | <20 | P 2 |
| 116 | 157 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00212 | 580HP | 09H+ | 0.99 | 0.35 | 0 | <20 | P 2 |
| | | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00212 | 580HP | BW1+ | 1.56 | 0.45 | 0 | <20 | P 2 |
| 57 | 158 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 04H+ | 3.65 | 4.97 | 19 | BLI | 1 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 03H+ | 38.08 | 11.05 | 22 | BLI | 1 |
| 63 | 158 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.77 | 0.78 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ | 1.87 | 0.24 | 0 | <20 | P 2 |
| 67 | 158 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | 08H- | 1.03 | 0.26 | 0 | <20 | P 2 |
| 69 | 158 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 08H+ | 1.16 | 0.37 | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1- | 1.95 | 0.19 | 0 | <20 | P 2 |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.60 | 0.21 | 0 | <20 | P 2 |
| 81 | 158 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VS3+ | 0.88 | 0.77 | 0 | 23 | P 2 |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP | VS3+ | 0.98 | 0.42 | 0 | <20 | P 2 |
| 105 | 158 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00218 | 580HP | VS2- | 0.91 | 0.52 | 0 | <20 | P 2 |
| 117 | 158 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00320 | 580HP | BW1+ | 1.77 | 0.51 | 0 | <20 | P 2 |
| 62 | 159 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ | 1.87 | 0.42 | 0 | <20 | P 2 |
| 76 | 159 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VS3- | 0.85 | 0.75 | 0 | 22 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | VS3+ | 0.78 | 1.83 | 0 | 36 | P 2 |
| | | 04/95 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP | VS3+ | 0.93 | 0.59 | 0 | <20 | P 2 |
| 90 | 159 | 04/95 | C | TEC-TEH | TEC-TEH | | 00028 | 610HS | BW1+ | 2.07 | 0.21 | 0 | <20 | P 2 |
| 98 | 159 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00217 | 580HP | BW1+ | 1.75 | 0.54 | 0 | <20 | P 2 |
| 104 | 159 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00216 | 580HP | BW1+ | 2.09 | 0.25 | 0 | <20 | P 2 |
| 116 | 159 | 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | 09C- | 1.00 | 0.26 | 0 | <20 | P 2 |
| 49 | 160 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ | 2.00 | 0.23 | 0 | <20 | P 2 |
| 51 | 160 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.35 | 0.46 | 0 | <20 | P 2 |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ | 2.00 | 0.27 | 0 | <20 | P 2 |
| 53 | 160 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ | 2.00 | 0.30 | 0 | <20 | P 2 |
| 61 | 160 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ | 1.85 | 0.50 | 0 | <20 | P 2 |
| 67 | 160 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1- | 2.15 | 0.29 | 0 | <20 | P 2 |



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 35 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | LIN | EXAM DATE | LEG | EXAM EXTENT PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|-----|-----------|-----|---------------------|---------|-----|-------|-------|------------|-------|-----|-----|-----|-----|------|
| 95 | 160 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00213 | 580HP | BW1+ 2.10 | 0.56 | | 0 | <20 | P 2 | |
| 101 | 160 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00221 | 580HP | BW1+ 1.74 | 0.27 | | 0 | <20 | P 2 | |
| 103 | 160 | 04/95 | C | TEC-TEH | TEC-TEH | | 00028 | 610HS | BW1+ 1.94 | 0.31 | | 0 | <20 | P 2 | |
| 107 | 160 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00217 | 580HP | BW1+ 2.25 | 0.36 | | 0 | <20 | P 2 | |
| 109 | 160 | 04/95 | H | 07H-VS3 | 07H-VS3 | | 00221 | 580HP | BW1+ 1.97 | 0.45 | | 0 | <20 | P 2 | |
| 54 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 2.04 | 0.23 | | 0 | <20 | P 2 | |
| 62 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 2.00 | 0.28 | | 0 | <20 | P 2 | |
| 64 | 161 | 04/95 | H | BW1-VS3 | BW1-VS3 | | 00506 | 580HP | BW1- 1.87 | 0.72 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-VS3 | BW1-VS3 | | 00506 | 580HP | BW1+ 1.85 | 1.36 | | 0 | 24 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ 2.00 | 0.77 | | 0 | 23 | P 2 | |
| 66 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1- 2.16 | 0.30 | | 0 | <20 | P 2 | |
| 68 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 08H+ 1.00 | 0.32 | | 0 | <20 | P 2 | |
| 86 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 1.94 | 0.32 | | 0 | <20 | P 2 | |
| 88 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ 2.00 | 0.29 | | 0 | <20 | P 2 | |
| 108 | 161 | 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | BW1+ 1.89 | 0.32 | | 0 | <20 | P 2 | |
| 39 | 162 | 04/95 | C | 05C-06C | 05C-06C | 1 | 00215 | 600HP | 05C+ 32.68 | 0.85 | 0.2 | SVI | P 2 | | |
| 53 | 162 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ 2.00 | 0.44 | | 0 | <20 | P 2 | |
| 63 | 162 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 2.00 | 0.36 | | 0 | <20 | P 2 | |
| 65 | 162 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1- 1.82 | 0.37 | | 0 | <20 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00500 | 580HP | BW1+ 1.56 | 1.29 | | 0 | 26 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ 2.17 | 0.70 | | 0 | 21 | P 2 | |
| 69 | 162 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | 08H+ 1.00 | 0.20 | | 0 | <20 | P 2 | |
| 99 | 162 | 04/95 | H | BW1-VS2 | BW1-VS3 | | 00506 | 580HP | BW1+ 1.75 | 0.77 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | BW1+ 2.00 | 0.48 | | 0 | <20 | P 2 | |
| 107 | 162 | 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | BW1- 2.00 | 0.23 | | 0 | <20 | P 2 | |
| 48 | 163 | 04/95 | H | TSH-TSH | TSH-TSH | | 00073 | 600HP | TSH- 0.32 | 0.42 | | 50 | SCI | P 4 | |
| | | 04/95 | H | TSH-TSH | TSH-TSH | | 00073 | 600HP | TSH- 0.32 | 0.00 | 0.2 | SCI | P 4 | | |
| 50 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 1.80 | 0.25 | | 0 | <20 | P 2 | |
| 62 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | BW1+ 1.81 | 0.34 | | 0 | <20 | P 2 | |
| 64 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00153 | 610HS | BW1+ 1.98 | 0.44 | | 0 | <20 | P 2 | |
| 86 | 163 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1+ 1.85 | 0.28 | | 0 | <20 | P 2 | |
| 92 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | 08H+ 0.83 | 0.20 | | 0 | <20 | P 2 | |
| 102 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00098 | 610HS | BW1+ 2.25 | 0.31 | | 0 | <20 | P 2 | |
| 108 | 163 | 04/95 | C | TEC-TEH | TEC-TEH | | 00097 | 610HS | BW1+ 1.92 | 0.96 | | 0 | 28 | P 2 | |
| | | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00506 | 580HP | BW1+ 2.00 | 1.28 | | 0 | 23 | P 2 | |
| 79 | 164 | 04/95 | C | TEC-TEH | TEC-TEH | | 00154 | 610HS | VS3+ 0.93 | 0.41 | | 0 | <20 | P 2 | |
| 87 | 164 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1+ 1.80 | 0.79 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00152 | 610HS | BW1+ 1.94 | 0.53 | | 0 | <20 | P 2 | |
| 97 | 164 | 04/95 | C | TEC-TEH | TEC-TEH | | 00028 | 610HS | BW1+ 2.10 | 0.29 | | 0 | <20 | P 2 | |
| 54 | 165 | 04/95 | H | BW1-BW1 | BW1-BW1 | | 00508 | 580HP | BW1+ 1.99 | 0.85 | | 0 | <20 | P 2 | |
| 62 | 165 | 04/95 | C | TEC-TEH | TEC-TEH | | 00152 | 610HS | BW1+ 1.81 | 0.38 | | 0 | <20 | P 2 | |
| 66 | 165 | 04/95 | C | TEC-TEH | TEC-TEH | | 00152 | 610HS | BW1- 1.86 | 0.26 | | 0 | <20 | P 2 | |
| 96 | 165 | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | VS5- 0.70 | 0.36 | | 0 | <20 | P 2 | |
| | | 04/95 | C | TEC-TEH | TEC-TEH | | 00027 | 610HS | VS5+ 0.82 | 0.22 | | 0 | <20 | P 2 | |
| 61 | 166 | 04/95 | C | TEC-TEH | TEC-TEH | | 00151 | 610HS | BW1+ 1.84 | 0.31 | | 0 | <20 | P 2 | |



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CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 36 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | ° | CH | CHNG |
|-----|-----------|--------------------|-----|---------|---------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| 67 | 166 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1- | 2.06 | 0.40 | | 0 | <20 | P 2 | |
| 89 | 166 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS BW1+ | 1.99 | 0.38 | | 0 | <20 | P 2 | |
| 99 | 166 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS BW1- | 1.92 | 0.29 | | 0 | <20 | P 2 | |
| 103 | 166 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS 08H- | 0.06 | 0.26 | | 0 | <20 | P 2 | |
| 54 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1+ | 1.96 | 0.24 | | 0 | <20 | P 2 | |
| 60 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS BW1+ | 2.00 | 0.19 | | 0 | <20 | P 2 | |
| 66 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1- | 2.13 | 0.30 | | 0 | <20 | P 2 | |
| 72 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS 08H- | 0.91 | 0.13 | | 0 | <20 | P 2 | |
| 76 | 167 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3- | 0.90 | 0.33 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS VS3- | 0.55 | 0.85 | | 0 | 25 | P 2 | |
| 86 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1+ | 2.00 | 0.24 | | 0 | <20 | P 2 | |
| 88 | 167 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00506 | 580HP BW1- | 1.79 | 0.31 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS BW1+ | 1.81 | 0.41 | | 0 | <20 | P 2 | |
| | 04/95 | H BW1-BW1 BW1-BW1 | H | BW1-BW1 | BW1-BW1 | | 00506 | 580HP BW1+ | 1.87 | 0.49 | | 0 | <20 | P 2 | |
| 90 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00028 | 610HS BW1+ | 1.84 | 0.30 | | 0 | <20 | P 2 | |
| 94 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW1+ | 2.25 | 0.27 | | 0 | <20 | P 2 | |
| 98 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW1+ | 2.19 | 0.22 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00098 | 610HS BW2+ | 1.75 | 0.17 | | 0 | <20 | P 2 | |
| 100 | 167 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS BW1+ | 1.96 | 0.22 | | 0 | <20 | P 2 | |
| 102 | 167 04/95 | H BW1-VS2 BW1-VS2 | H | BW1-VS2 | BW1-VS2 | | 00506 | 580HP BW1+ | 1.93 | 1.58 | | 0 | 29 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS BW1+ | 2.00 | 0.61 | | 0 | 22 | P 2 | |
| 61 | 168 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS BW1+ | 2.08 | 0.28 | | 0 | <20 | P 2 | |
| 63 | 168 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1+ | 2.23 | 0.21 | | 0 | <20 | P 2 | |
| 81 | 168 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS VS3+ | 0.58 | 1.02 | | 0 | 28 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00508 | 580HP VS3+ | 0.68 | 1.03 | | 0 | 22 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS VS5+ | 0.00 | 1.77 | | 0 | 36 | P 2 | |
| | 04/95 | H VS5-VS5 VS5-VS5 | H | VS5-VS5 | VS5-VS5 | | 00508 | 580HP VS5+ | 0.14 | 2.51 | | 0 | 38 | P 2 | |
| 99 | 168 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS 04C+ | 0.77 | 0.38 | | 0 | <20 | P 2 | |
| 66 | 169 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1- | 1.98 | 0.24 | | 0 | <20 | P 2 | |
| 70 | 169 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS VS3- | 0.88 | 0.88 | | 0 | 25 | P 2 | |
| 76 | 169 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS VS3- | 0.46 | 1.33 | | 0 | 32 | P 2 | |
| 96 | 169 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00097 | 610HS BW1+ | 1.96 | 0.18 | | 0 | <20 | P 2 | |
| 43 | 170 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00076 | 600HP TSH- | 0.14 | 0.45 | | 79 | SCI | P 4 | |
| | 04/95 | H TSH-TSH TSH-TSH | H | TSH-TSH | TSH-TSH | | 00076 | 600HP TSH- | 0.14 | 0.00 | | 0.2 | SCI | P 4 | |
| 63 | 170 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1+ | 2.11 | 0.27 | | 0 | <20 | P 2 | |
| 67 | 170 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS 08H+ | 0.82 | 0.25 | | 0 | <20 | P 2 | |
| 71 | 170 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS VS3- | 0.82 | 0.40 | | 0 | <20 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3+ | 0.58 | 0.29 | | 0 | <20 | P 2 | |
| 79 | 170 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3+ | 0.08 | 0.48 | | 0 | <20 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3+ | 0.73 | 0.40 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS VS3+ | 0.91 | 0.61 | | 0 | <20 | P 2 | |
| 62 | 171 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00152 | 610HS BW1+ | 1.93 | 0.23 | | 0 | <20 | P 2 | |
| 72 | 171 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3- | 0.87 | 0.48 | | 0 | <20 | P 2 | |
| | 04/95 | C TEC-TEH TEC-TEH | C | TEC-TEH | TEC-TEH | | 00151 | 610HS VS3- | 0.64 | 0.97 | | 0 | 27 | P 2 | |
| | 04/95 | H VS3-VS3 VS3-VS3 | H | VS3-VS3 | VS3-VS3 | | 00500 | 580HP VS3+ | 0.64 | 0.73 | | 0 | <20 | P 2 | |

CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 37 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM
LIN DATE | LEG | EXAM EXTENT
PROGRAM ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | † | CH | CHNG |
|-----|------------------|-----|-------------------------------|-----|-------|------------|----------|-------|-----|-----|-----|-----|------|
| | 04/95 | C | TEC-TEH TEC-TEH | | 00151 | 610HS VS5- | 0.64 | 0.31 | | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00151 | 610HS VS5+ | 0.70 | 0.79 | | 0 | 23 | P 2 | |
| 76 | 171 04/95 | C | TEC-TEH TEC-TEH | | 00151 | 610HS VS3+ | 0.82 | 1.31 | | 0 | 32 | P 2 | |
| | 04/95 | H | VS3-VS3 VS3-VS3 | | 00508 | 580HP VS3+ | 0.93 | 2.18 | | 0 | 36 | P 2 | |
| 78 | 171 04/95 | C | TEC-TEH TEC-TEH | | 00152 | 610HS VS5- | 0.97 | 0.74 | | 0 | 22 | P 2 | |
| 88 | 171 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS BW1+ | 1.94 | 0.31 | | 0 | <20 | P 2 | |
| 51 | 172 04/95 | C | TEC-TEH TEC-TEH | | 00151 | 610HS VS4- | 0.88 | 0.39 | | 0 | <20 | P 2 | |
| 67 | 172 04/95 | C | TEC-TEH TEC-TEH | | 00151 | 610HS BW1- | 1.85 | 0.14 | | 0 | <20 | P 2 | |
| 50 | 173 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS 02H+ | 28.93 | 6.98 | | 11 | BLI | P 1 | |
| 1 | 174 04/95 | C | TEC-07H TEC-07H | | 00168 | 580HP 03C+ | 0.89 | 0.53 | | 0 | <20 | P 2 | |
| 47 | 174 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.91 | 0.16 | | 0 | <20 | P 2 | |
| 57 | 174 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS 07H+ | 0.79 | 0.43 | | 0 | <20 | P 2 | |
| 63 | 174 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.80 | 0.22 | | 0 | <20 | P 2 | |
| 69 | 174 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.98 | 0.13 | | 0 | <20 | P 2 | |
| 73 | 174 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.75 | 0.33 | | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW2+ | 1.75 | 0.40 | | 0 | <20 | P 2 | |
| 52 | 175 04/95 | C | TEC-TEH TEC-TEH | | 00150 | 610HS BW1+ | 1.80 | 0.28 | | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 BW1-VS3 | | 00508 | 580HP BW1+ | 1.90 | 0.57 | | 0 | <20 | P 2 | |
| 56 | 175 04/95 | H | BW1-BW1 BW1-BW1 | | 00508 | 580HP BW1+ | 2.00 | 0.37 | | 0 | <20 | P 2 | |
| 62 | 175 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.78 | 0.33 | | 0 | <20 | P 2 | |
| 51 | 176 04/95 | C | TEC-TEH TEC-TEH | | 00149 | 610HS BW1+ | 1.90 | 0.13 | | 0 | <20 | P 2 | |
| 61 | 176 04/95 | C | TEC-TEH TEC-TEH | | 00150 | 610HS BW1+ | 2.02 | 0.26 | | 0 | <20 | P 2 | |
| 58 | 177 04/95 | C | TEC-TEH TEC-TEH | | 00150 | 610HS VS3- | 0.93 | 0.40 | | 0 | <20 | P 2 | |
| 49 | 178 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS BW1- | 1.82 | 0.19 | | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 BW1-BW1 | | 00508 | 580HP BW1+ | 1.65 | 1.23 | | 0 | 25 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS BW1+ | 1.98 | 0.35 | | 0 | <20 | P 2 | |
| 61 | 178 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS 07H+ | 0.76 | 0.38 | | 0 | <20 | P 2 | |
| 73 | 178 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS 04C+ | 0.09 | 0.36 | | 0 | <20 | P 2 | |
| | 04/95 | C | 03C-03C 03C-03C | 1 | 00215 | 600HP 03C- | 0.19 | 0.39 | | 0 | <20 | P 2 | |
| | 04/95 | C | 03C-03C 03C-03C | 1 | 00215 | 600HP 03C- | 0.90 | 0.53 | | 0 | <20 | P 2 | |
| 52 | 179 04/95 | H | BW1-BW1 BW1-BW1 | | 00506 | 580HP BW1- | 2.05 | 0.53 | | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS BW1- | 1.90 | 0.20 | | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS BW1+ | 1.93 | 0.44 | | 0 | <20 | P 2 | |
| | 04/95 | H | BW1-BW1 BW1-BW1 | | 00506 | 580HP BW1+ | 2.07 | 1.63 | | 0 | 27 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00147 | 610HS BW2+ | 1.89 | 0.23 | | 0 | <20 | P 2 | |
| 53 | 180 04/95 | H | BW1-BW1 BW1-BW1 | | 00508 | 580HP BW1+ | 2.20 | 0.73 | | 0 | <20 | P 2 | |
| 59 | 180 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS 06H+ | 17.37 | 1.41 | | 7 | BLI | 1 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS 01C+ | 19.56 | 4.99 | | 6 | BLI | 1 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS TSC+ | 6.69 | 4.81 | | 7 | BLI | 1 | |
| 67 | 180 04/95 | C | TEC-TEH TEC-TEH | | 00159 | 610HS 07H+ | 23.07 | 5.07 | | 5 | BLI | P 1 | |
| 50 | 181 04/95 | C | TEC-TEH TEC-TEH | | 00160 | 610HS BW1+ | 1.82 | 0.17 | | 0 | <20 | P 2 | |
| 53 | 182 04/95 | C | TSC-TSC TSC-TSC | 1 | 00220 | 580HP TSC+ | 0.63 | 0.39 | | 0.2 | SVI | P 2 | |
| 52 | 183 04/95 | C | TEC-TEH TEC-TEH | | 00160 | 610HS BW1+ | 1.94 | 0.31 | | 0 | <20 | P 2 | |
| | 04/95 | C | TEC-TEH TEC-TEH | | 00160 | 610HS BW2+ | 1.88 | 0.14 | | 0 | <20 | P 2 | |
| | 04/95 | C | TSC-TSC TSC-TSC | 1 | 00215 | 600HP TSC+ | 0.25 | 0.67 | | 0.3 | SVI | P 2 | |



Figure 6

The figure consists of five small, vertically arranged illustrations of a plant's development. From top to bottom: 1. A seedling with two small leaves emerging from a central point. 2. A slightly larger seedling with more defined leaves. 3. A young plant with several leaves and a short stem. 4. A more developed plant with multiple leaves and a longer stem. 5. A mature plant with many leaves and a long, thick stem.



CUMULATIVE REPORT
04/95, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 1

STEAM GENERATOR : 11
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 38 OF 38
DATE: 08/17/95
TIME: 08:24:42

| ROW | EXAM | EXAM EXTENT | LEG | PROGRAM | ACTUAL | EXP | CAL | PROBE | LOCATION | VOLTS | MIL | DEG | % | CH | CHNG |
|-----|------|-------------|-----|---------|---------|-----|-------|-------|----------|-------|------|-----|-----|-----|------|
| 54 | 183 | 04/95 | C | TSC-TSC | TSC-TSC | 1 | 00220 | 580HP | TSC+ | 0.51 | 0.43 | 0.5 | SVI | P 2 | |
| 42 | 185 | 04/95 | C | TEC-TEH | TEC-TEH | | 00159 | 610HS | BW1+ | 1.77 | 0.21 | 0 | <20 | P 2 | |
| 39 | 186 | 04/95 | C | TEC-TEH | TEC-TEH | | 00159 | 610HS | 05C- | 0.79 | 0.71 | 0 | 20 | P 2 | |
| 22 | 187 | 04/95 | C | TEC-TEH | TEC-TEH | | 00159 | 610HS | 04C+ | 0.00 | 0.15 | 0 | <20 | P 2 | |
| 3 | 188 | 04/95 | C | TEC-07H | TEC-06H | | 00168 | 580HF | 05C+ | 0.79 | 0.36 | 0 | <20 | P 2 | |
| 13 | 188 | 04/95 | C | TEC-TEH | TEC-TEH | | 00159 | 610HS | 03C+ | 0.03 | 0.35 | 0 | <20 | P 2 | |
| 23 | 188 | 04/95 | C | TEC-TEH | TEC-TEH | | 00160 | 610HS | 04C- | 0.03 | 0.31 | 0 | <20 | P 2 | |

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 1094
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 1672

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

Percent: MAI,MCI,MMI,SAI,SCI,BLI,MVI,SVI,OBS, 0 to 100%

REPORT OPTIONS:

Only examination results matching criteria are included