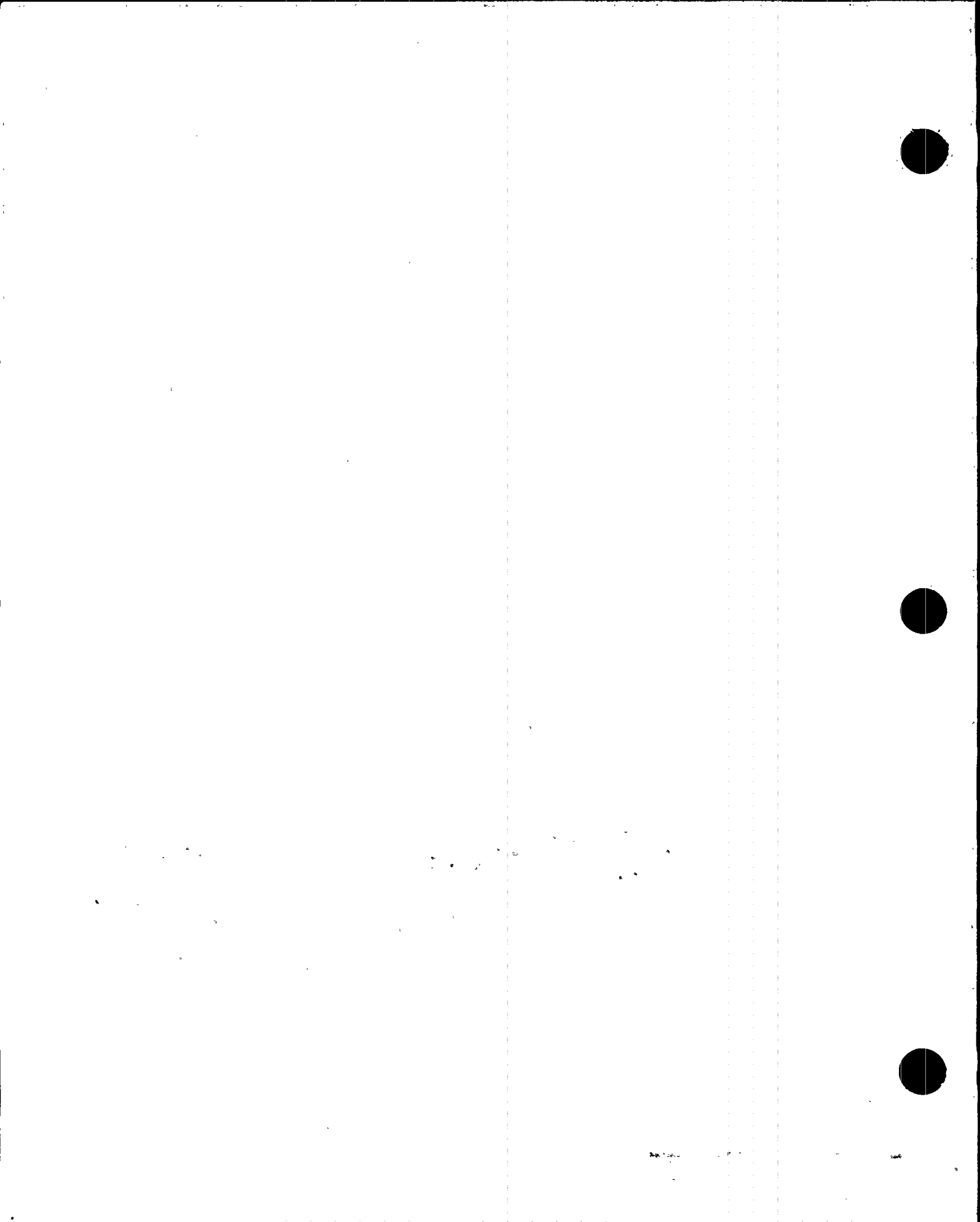


PALO VERDE NUCLEAR GENERATING STATION
UNIT 3
STEAM GENERATOR EDDY CURRENT EXAMINATION
FOURTH REFUELING OUTAGE
APRIL 1994

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

PREPARED BY: Chris T. Brown DATE: 9/23/94
REVIEWED BY: R. B. Branning DATE: 9-23-94
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COMMERCIAL SERVICE DATE: 1/8/88
REPORT DATE: 9/23/94



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UNIT 3 STEAM GENERATOR EDDY CURRENT EXAMINATION

1.0 Summary

The fourth refueling outage eddy current examinations for Unit 3 were conducted during the months of April and May 1994. The initial examination plan for both steam generators was as follows:

- Examine 100% of the tubes full length using bobbin coil technique in both steam generators.
- Examine 20% of the tubes at the top of the hot leg tubesheet, including the sludge pile area, using the rotating pancake coil (RPC) technique in steam generator 31.
- Examine the Sludge pile area using RPC technique in steam generator 32.
- RPC approximately 369 tubes within the 1800 tube arc from the 08H support to the first vertical support in steam generator 31 and 32.

Multiple expansions were performed in both steam generators due to various conditions. See Table 1 for scope, expansion description, and examination extent.

The examination resulted in 7 tubes being plugged in steam generator 31 and 25 tubes being plugged in steam generator 32. 2 of the 25 tubes plugged in steam generator 32 were plugged due to tube pulls. One of the tubes pulled was originally plugged during the previous mid-cycle outage and re-plugged this outage.

2.0 Examination Discussion

The examination plan was developed in response to findings associated with previous eddy current examinations performed in Units 1, 2, and 3. The 100% full length bobbin coil examination provides assurance that a widespread pattern of flaws does not exist. The top of tubesheet and sludge pile RPC sample assures that circumferential cracking at these locations are identified. RPC examinations performed in the 1800 tube high risk arc area as defined by Unit 2 eddy current examinations, will aid in the determination of whether Unit 3 has the axial cracking in the upper hot leg area.

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

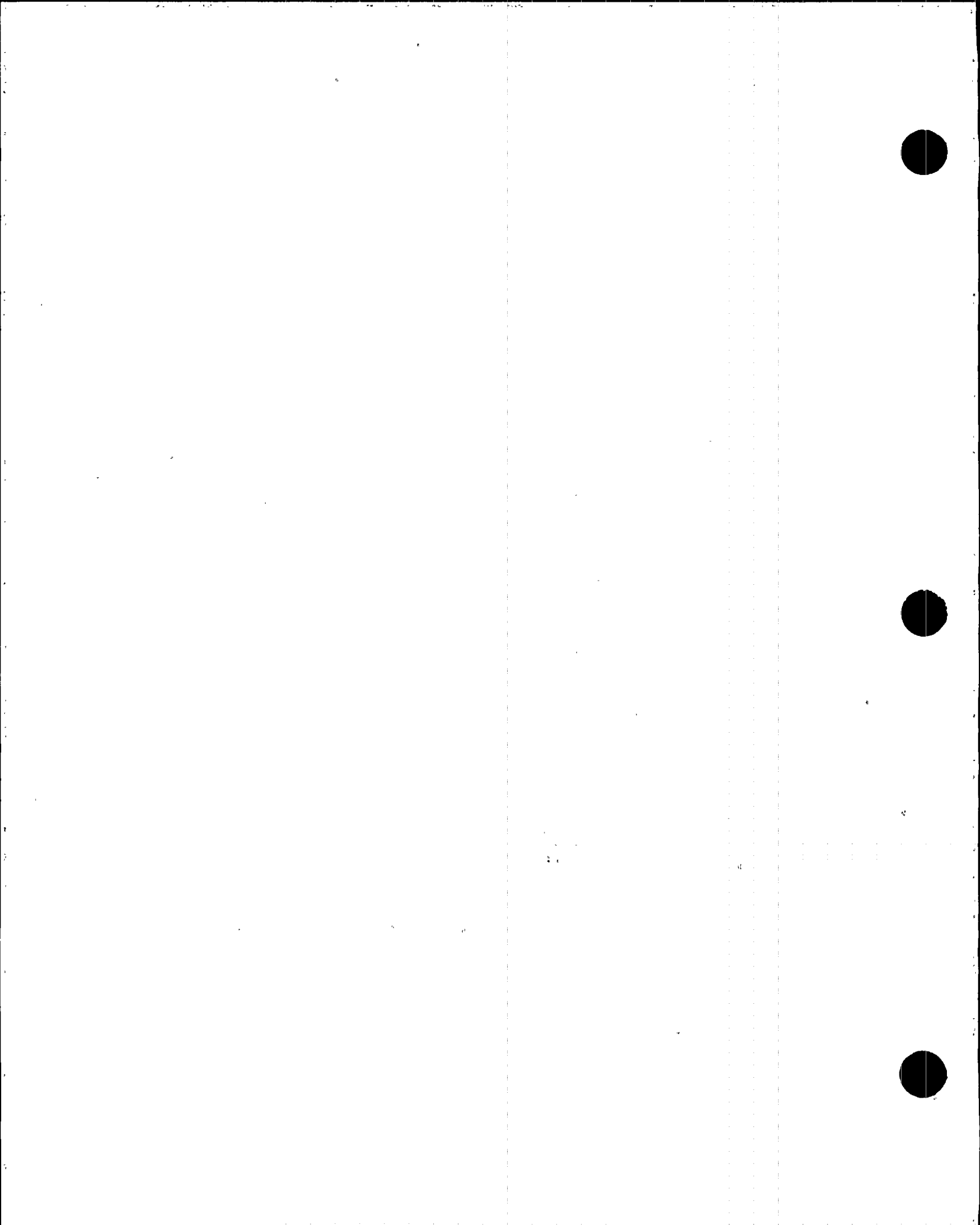
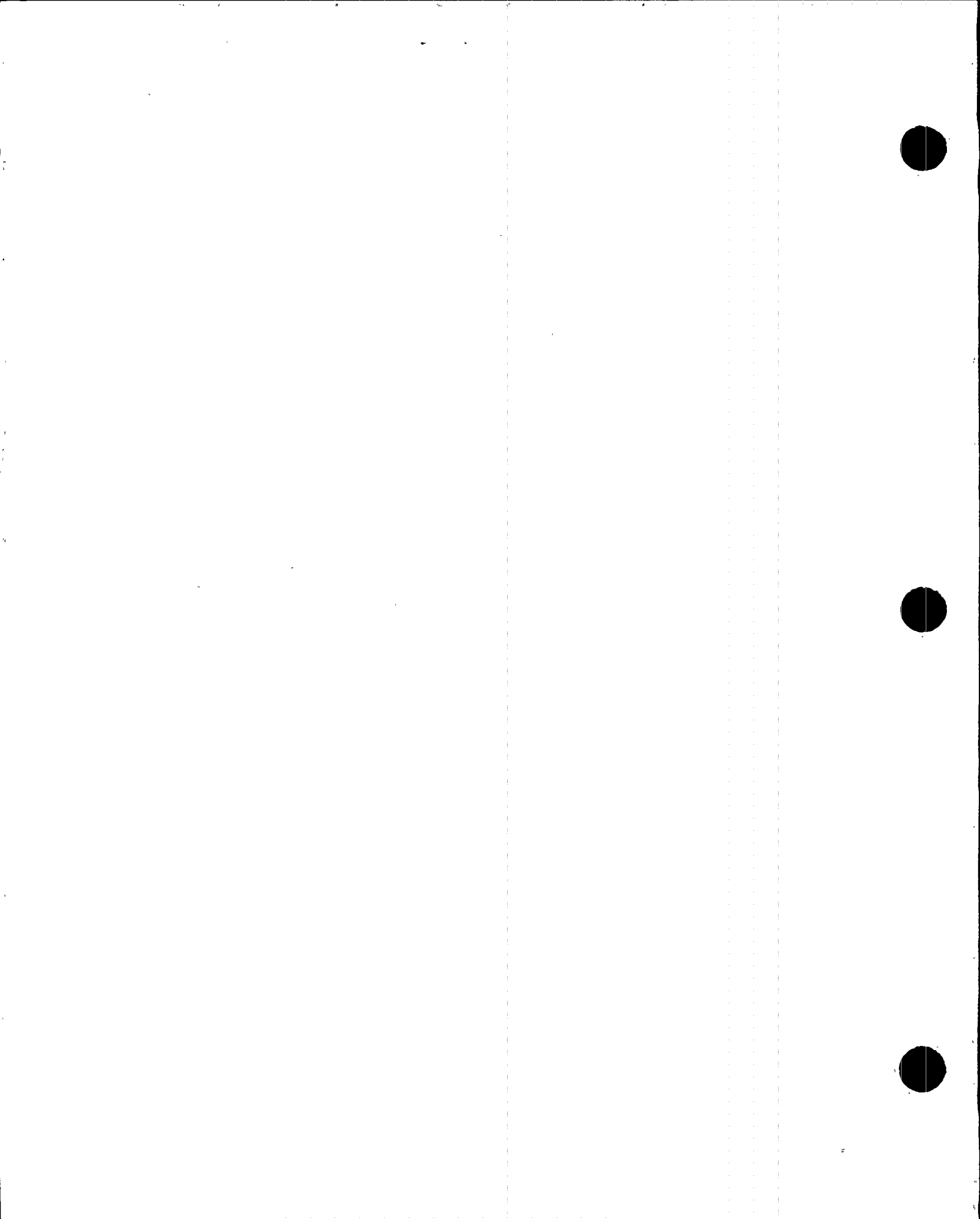


TABLE 1
EXAMINATION SUMMARY

SCOPE DESCRIPTION		SG 31		SG 32	
Exam Description	Extents	Analyzed	Scope	Analyzed	Scope
FULL LENGTH BOBBIN	TEC-TEH	10,891	10,891	10,899	10,899
TUBE SHEET RPC	TSH-TSH	2,220	2,220	553	553
U-BEND RPC	08H-1st VS	388	388	391	391
EXPANSION 1 (SPECIAL INTEREST RPC)	VARIOUS	189	189	215	215
EXPANSION 2 (POST CHEM. CLEANING RPC)	08H-1st VS	60	60	60	60
EXPANSION 3 (POST SLUDGE LANCE BOBBIN)	TEC-TEH	256	256	205	205
EXPANSION 4 (LOOSE PART BOBBIN)	TEH-01H	N/A	N/A	241	241
EXPANSION 5 (SAI BOUNDING RPC)	08H-2nd VS	N/A	N/A	1,137	1,137
EXPANSION 6 (ROWS 1 & 2 RPC)	07C-07H	114	114	110	110
EXPANSION 7 (RE-EVAL I-CODES RPC)	VARIOUS	N/A	N/A	39	39
EXPANSION 8 (F/L BOBBIN POST CHEM. CLEAN)	TEC-TEH	1,142	1,142	N/A	N/A
EXPANSION 9 (NQI AFTER CHEM CLEAN RPC)	VARIOUS	27	27	N/A	N/A
EXPANSION 10 (F/L BOBBIN POST CHEM CLEAN)	TEC-TEH	2,171	2,171	N/A	N/A
EXPANSION 11 (SAI BOUNDING RPC)	08H-2nd VS	59	59	N/A	N/A
EXPANSION 12 (NQI AFTER EXP 10 RPC)	VARIOUS	42	42	N/A	N/A

TABLE 1
EXPANSION DESCRIPTION

EXPANSION 1	This expansion is utilized to track the special interest RPC performed to quantify or evaluate bobbin or previously called indications. This includes NQI, ADR, DSI, DTI, PLP, and other areas.
EXPANSION 2	RPC of various tubes after chemical cleaning to aid in determination of signal change due to chemical cleaning. The priority for this selection was on tubes with deposit calls prior to cleaning.
EXPANSION 3	Bobbin coil examination after sludge lance to aid in determination of effectiveness of sludge lance.
EXPANSION 4	Bobbin coil examination of a loose part believed to have moved after chemical cleaning.
EXPANSION 5	RPC examinations bounding SAI's to aid in determination of additional SAI's in general area.
EXPANSION 6	RPC examination of Rows 1 & 2 tubes in the U-bend area due to a SAI located in low row U-bend area of SG 32.
EXPANSION 7	RPC examination of re-evaluated I-codes. Re-evaluation of bobbin data was performed due to a SAI having a NQI signal with a particular characteristic and location.
EXPANSION 8	Full length bobbin coil examination performed after chemical cleaning in SG 31. Area examined was a similar mirror type image of the bounded SAI's (expansion 5) in SG 32.
EXPANSION 9	RPC of nonquantifiable type indications found during expansion 8.
EXPANSION 10	Full length bobbin coil examination of the remaining region above row 90 after chemical cleaning. The combination of expansion 8 and expansion 10 resulted in all tubes in row 90 and above being full length bobbin coil examined after chemical cleaning.
EXPANSION 11	RPC examinations bounding a SAI to aid in determination of additional SAI's in general area.
EXPANSION 12	RPC of nonquantifiable type indications found during expansion 10.



3.0 Examination Results

A summary of the 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 an analysis code. Appendix E contains summary data sheets for tubes classified as possible loose parts.

The overall examinations resulted in plugging a total of 7 tubes in steam generator number 31, and 24 tubes in steam generator number 32. One tube previously plugged in steam generator 32 was re-plugged after a section of the tube was pulled for further analysis. All defective tubes and tubes with axial indications were plugged pursuant to technical specification requirements. In addition, various degraded tubes were plugged as preventative measures. The maps supplied in Appendix F show the total tubes plugged to date. The NIS-1 form in Appendix G list each of the tubes plugged as a result of this examination.

4.0 Examination Techniques and Equipment

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

500 KHZ
400 KHZ
300 KHZ
100 KHZ
20 KHZ

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

All tubing was examined with Zetec manufactured bobbin coil and RPC style probes, either 0.610, 0.600, 0.590 or 0.580 inch diameter. Multiple configurations of 3 coil RPC probes and single coil mag bias RPC probes were used for the detection and characterization of axial and circumferential indications. Data acquisition was facilitated by using Zetec SM-22 with dual guide tubes in the hot and cold leg of steam generator 31 and 32. A BWNT Rodger with dual guide tubes was also used in the hot leg of steam generator 32. Fiber optic cable was used from the 120' of containment MIZ 30 location to the acquisition trailer. Hewlett Packard 700 series computers were employed to acquire the eddy current data. Conam Nuclear Inc. provided the primary data analysis and Combustion Engineering performed a complete secondary data analysis. A third analysis was performed utilizing computer data screening (CDS) for indications.

Each Level IIA individual from Conam Nuclear Inc. and Combustion Engineering who performed data analysis was required to complete and pass a 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).

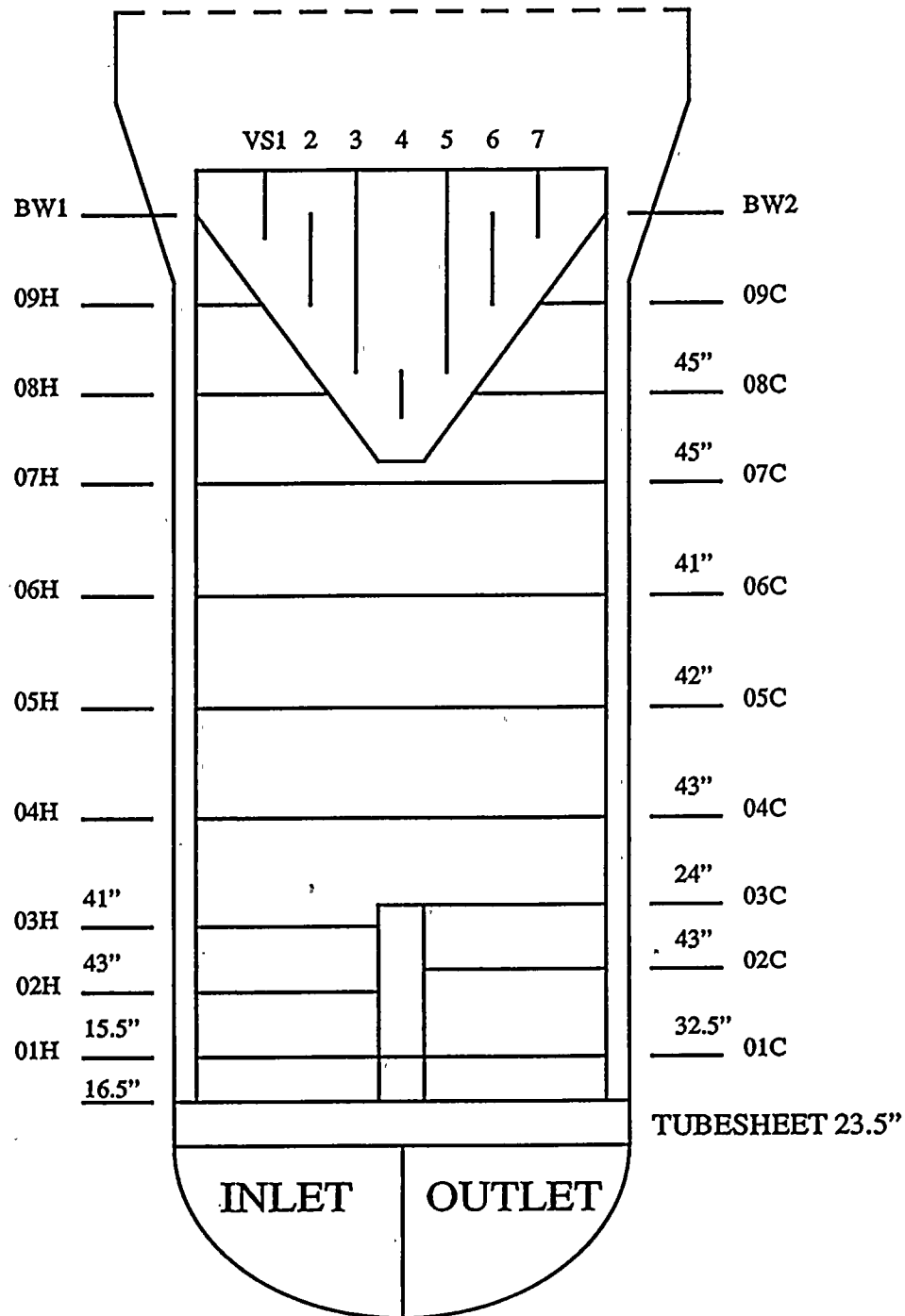
TABLE 2
INDICATION SUMMARY

INDICATION CATEGORY	STEAM GENERATOR 31			STEAM GENERATOR 32			
Cold Leg Corner Eggcrate Wear							
0% to 19%	0			0			
20% to 29%	0			0			
30% to 39%	0			0			
40% to 100%	0			0			
Eggcrate Wear							
0% to 19%	352			317			
20% to 29%	126			71			
30% to 39%	20			11			
40% to 100%	0			0			
Flow Dist Plate Wear							
0% to 19%	1			0			
20% to 29%	0			0			
30% to 39%	0			0			
40% to 100%	0			0			
Batwing Wear							
0% to 19%	1010			775			
20% to 29%	186			88			
30% to 39%	25			4			
40% to 100%	1			0			
Vertical Strap Wear							
0% to 19%	215			202			
20% to 29%	88			24			
30% to 39%	14			8			
40% to 100%	1			1			
Possible Loose Parts							
PLI	0			0			
PLP	5			5			
Axial Indications	orig	exp 1	exp 9	orig	exp 1	exp 5	exp 7
TEH/TSH	0	1	0	0	1	0	0
Batwing/Vertical support	0	0	1	0	7	9	1
Circumferential Indications	0			0			
Single Volumetric Indications	9			32			

APPENDIX A

STEAM GENERATOR TUBE SUPPORT DIAGRAM

CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM



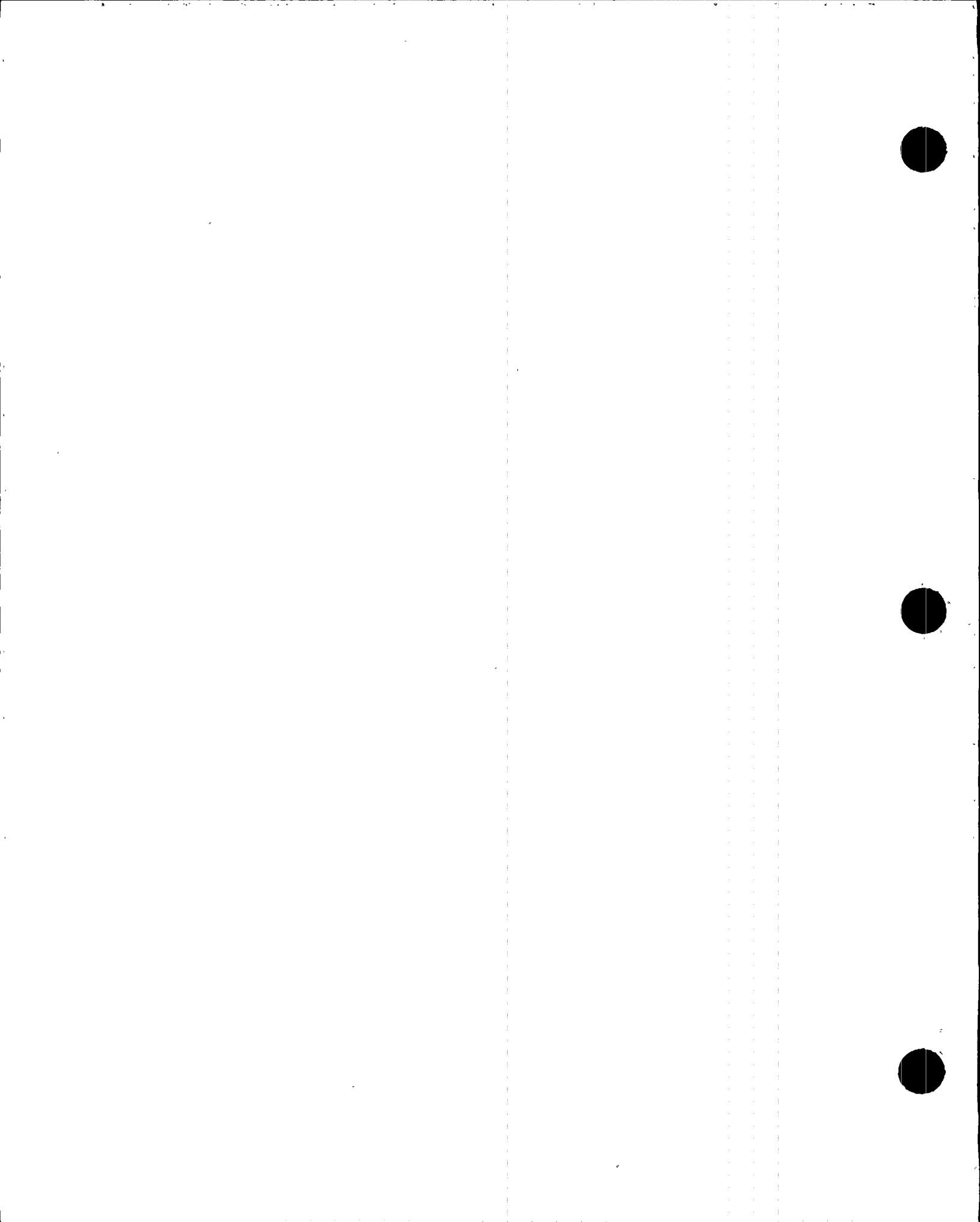
NOTES:

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

SUPPORTS 02 THRU 09
ARE EGGCRATE TYPE

SUPPORT SPACINGS ARE
IDENTIFIED IN INCHES
BETWEEN THE SUPPORT
CENTERLINES

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



APPENDIX B

EXAMINATION PLAN

04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

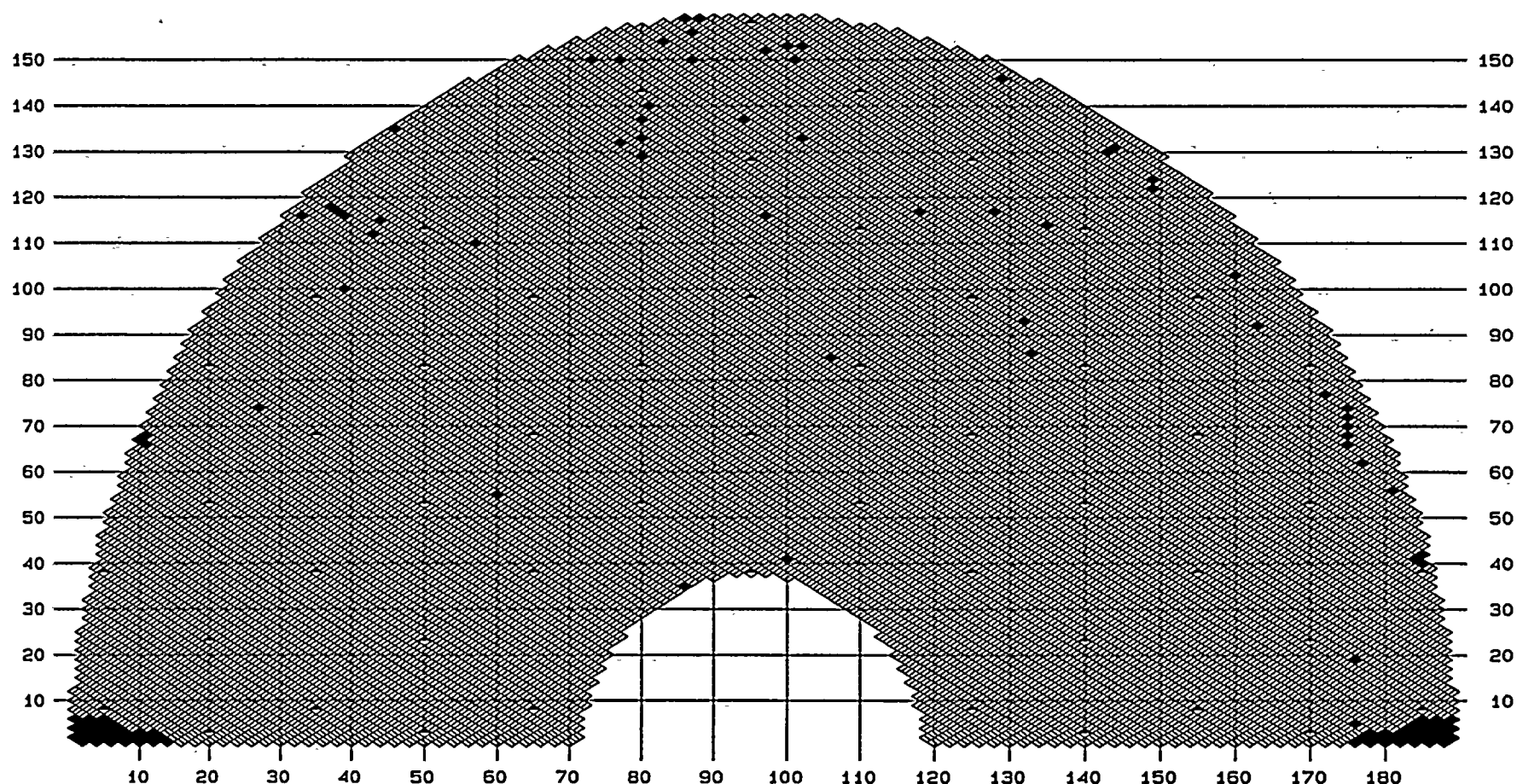
STEAM GENERATOR: 31
INITIAL SCOPE: F/L BOBBIN (COLD LEG)

DATE: 04/12/94
TIME: 10:06:21

CRITERIA: TUBES TO BE EXAMINED IN COLD LEG GROUPS

STAYS

PLUGGED 121 ♦ TEC-TEH 10723 / TEC-07H 168 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
INITIAL SCOPE: F/L BOBBIN (HOT LEG)

DATE: 04/12/94
TIME: 10: 30: 57

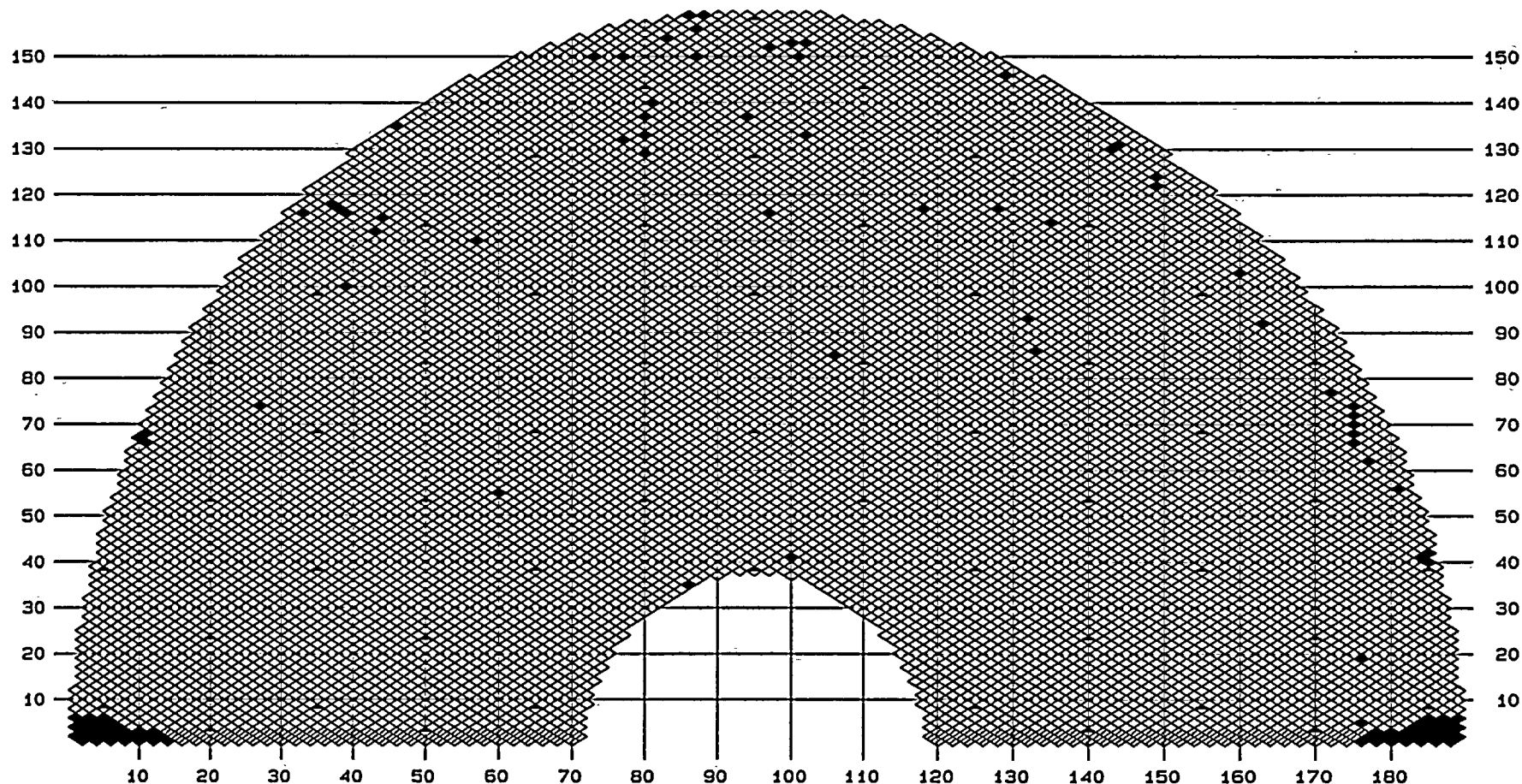
CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 19, 20

STAYS

PLUGGED

121 ♦ TEH-07H

168 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

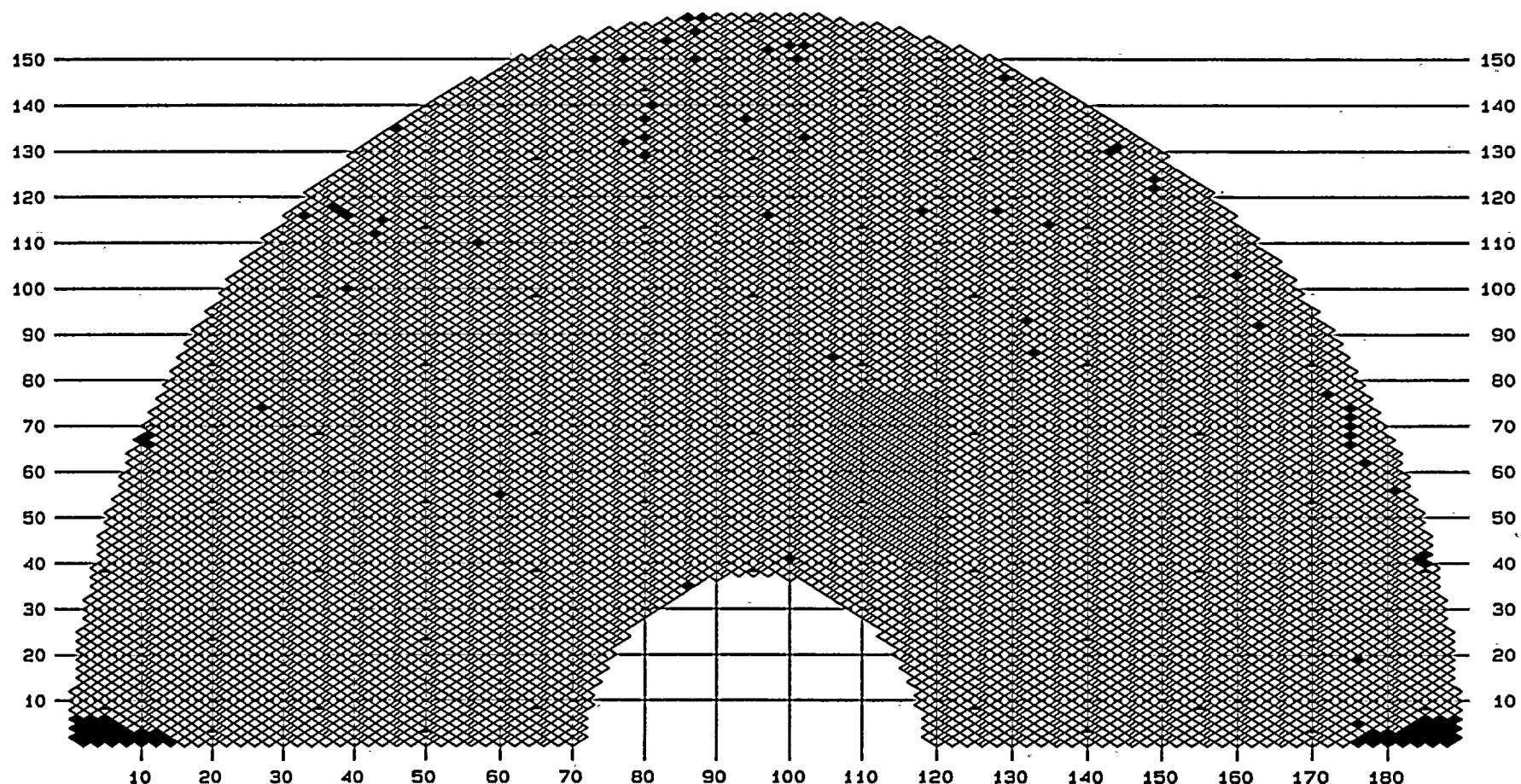
STEAM GENERATOR: 31
INITIAL SCOPE: TUBE SHEET MRPC (HOT LEG)

DATE: 04/12/94
TIME: 10: 22: 45

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 5, 6, 7, 8, 9, 10, 11

STAYS

PLUGGED 121 ♦ TSH-TSH . 2220 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
INITIAL SCOPE: 08H-1stVS MRPC

DATE: 04/12/94
TIME: 10: 25: 20

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 12, 13, 14, 15

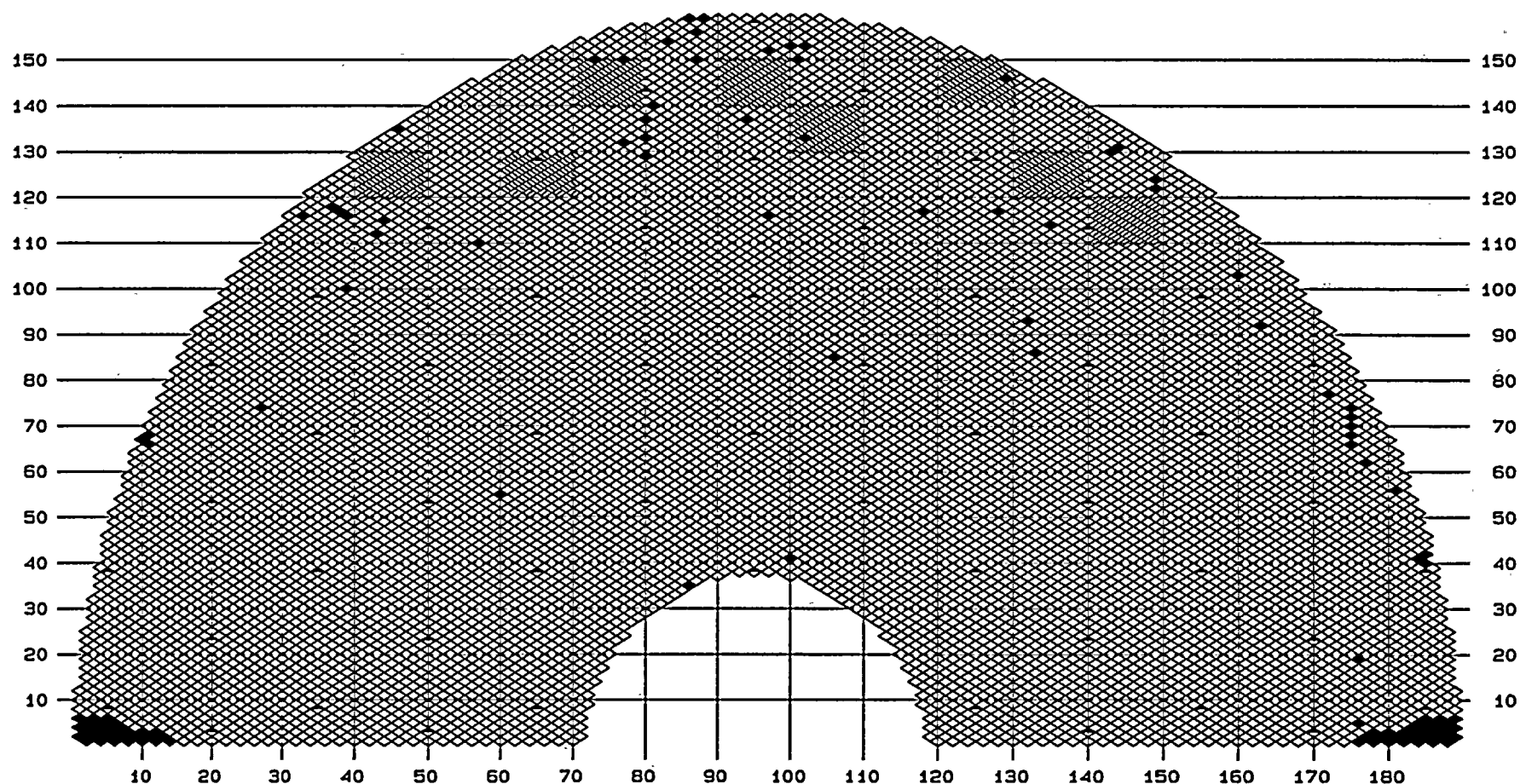
STAYS

PLUGGED

121 ♦ 08H-VS2

73 / 08H-VS1

315 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

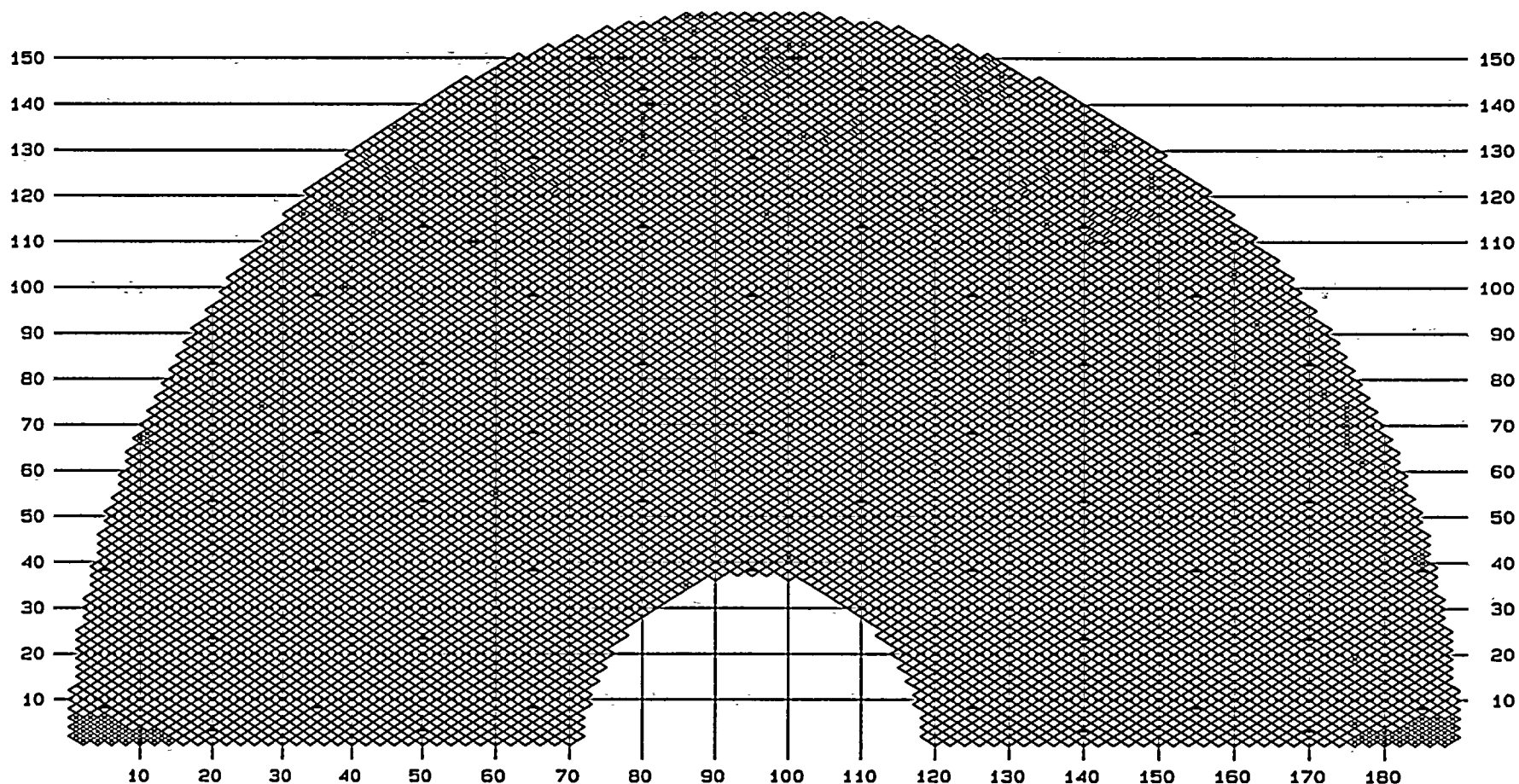
STEAM GENERATOR: 31
EXPANSION 2: MRPC PDP'S & SVI'S (08H-1VS)

DATE: 04/29/94
TIME: 09: 32: 39

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 51

STAYS

PLUGGED 121 ✕ 08H-VS2 14 / 08H-VS1 45 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

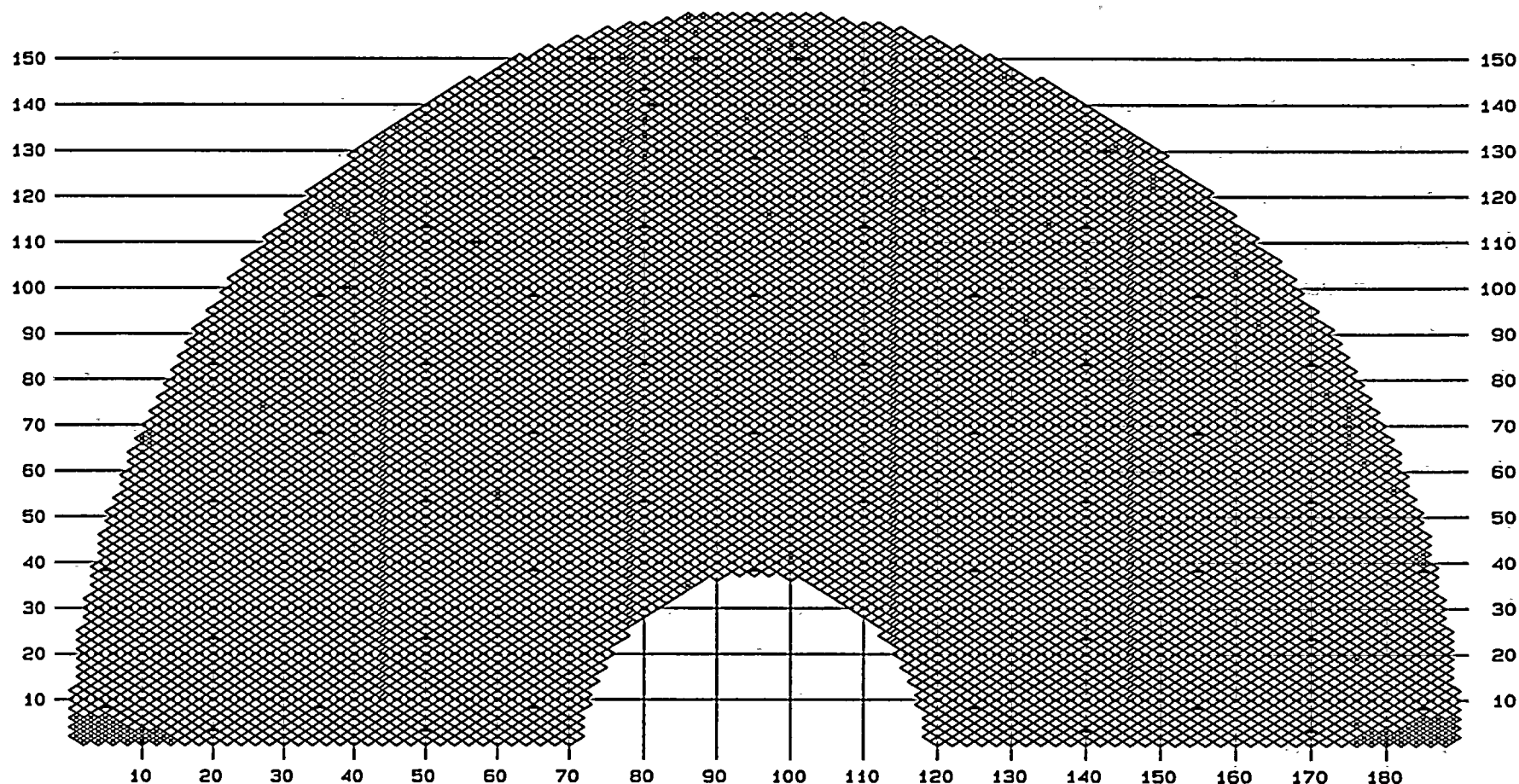
STEAM GENERATOR: 31
EXPANSION 3: F/L BOBBIN AFTER CHEM. CLEAN

DATE: 04/29/94
TIME: 09: 34: 43

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 60, 61, 62, 63

STAYS

PLUGGED 121 X TEC-TEH 256 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

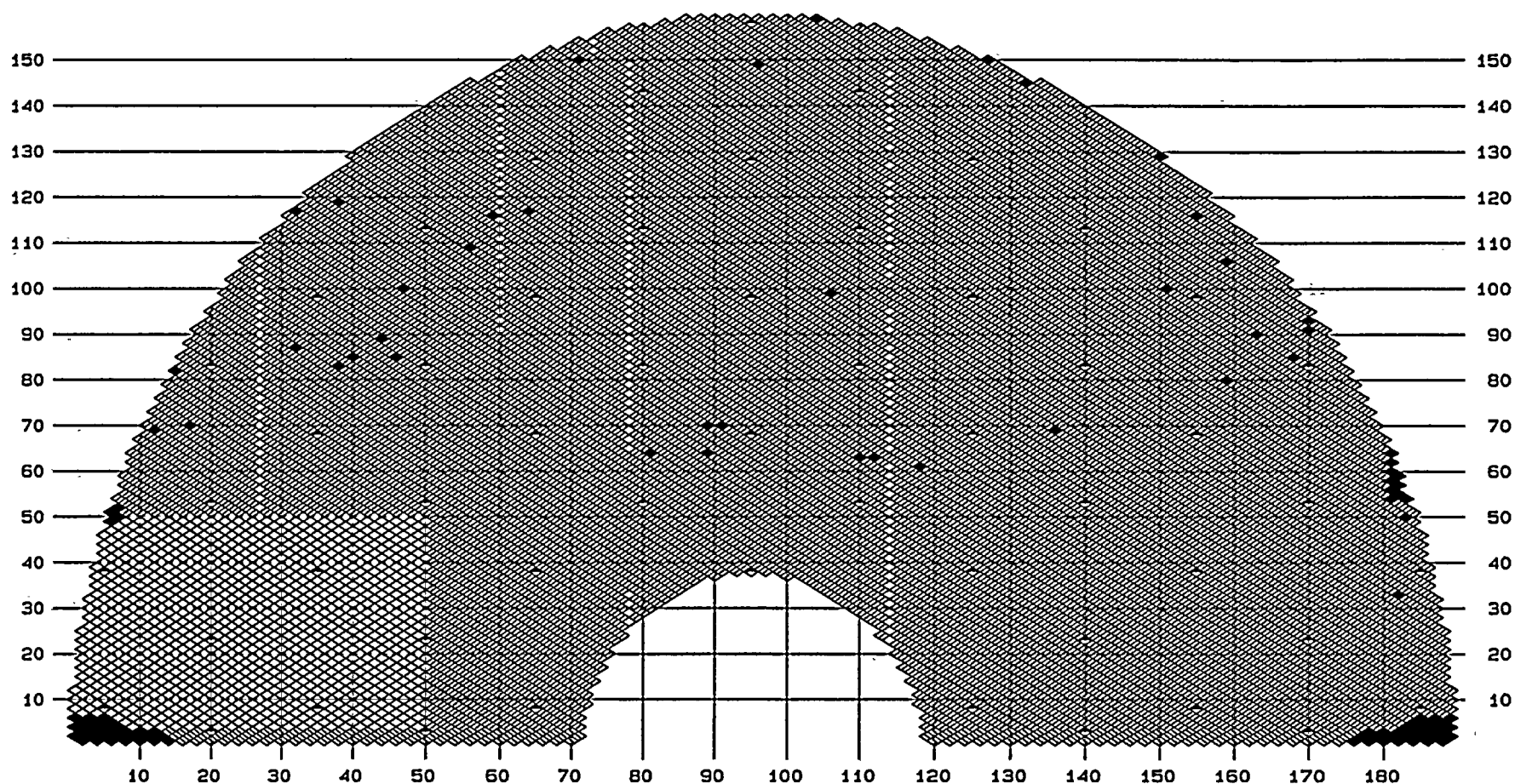
STEAM GENERATOR: 32
INITIAL SCOPE: F/L BOBBIN (COLD LEG)

DATE: 04/12/94
TIME: 10:01:05

CRITERIA: TUBES TO BE EXAMINED IN COLD LEG GROUPS

STAYS

PLUGGED 113 ♦ TEC-TEH 9461 / TEC-07H 168 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
INITIAL SCOPE: F/L BOBBIN (HOT LEG)

DATE: 08/16/94
TIME: 14:56:31

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 1, 9, 12, 13, 14

STAYS

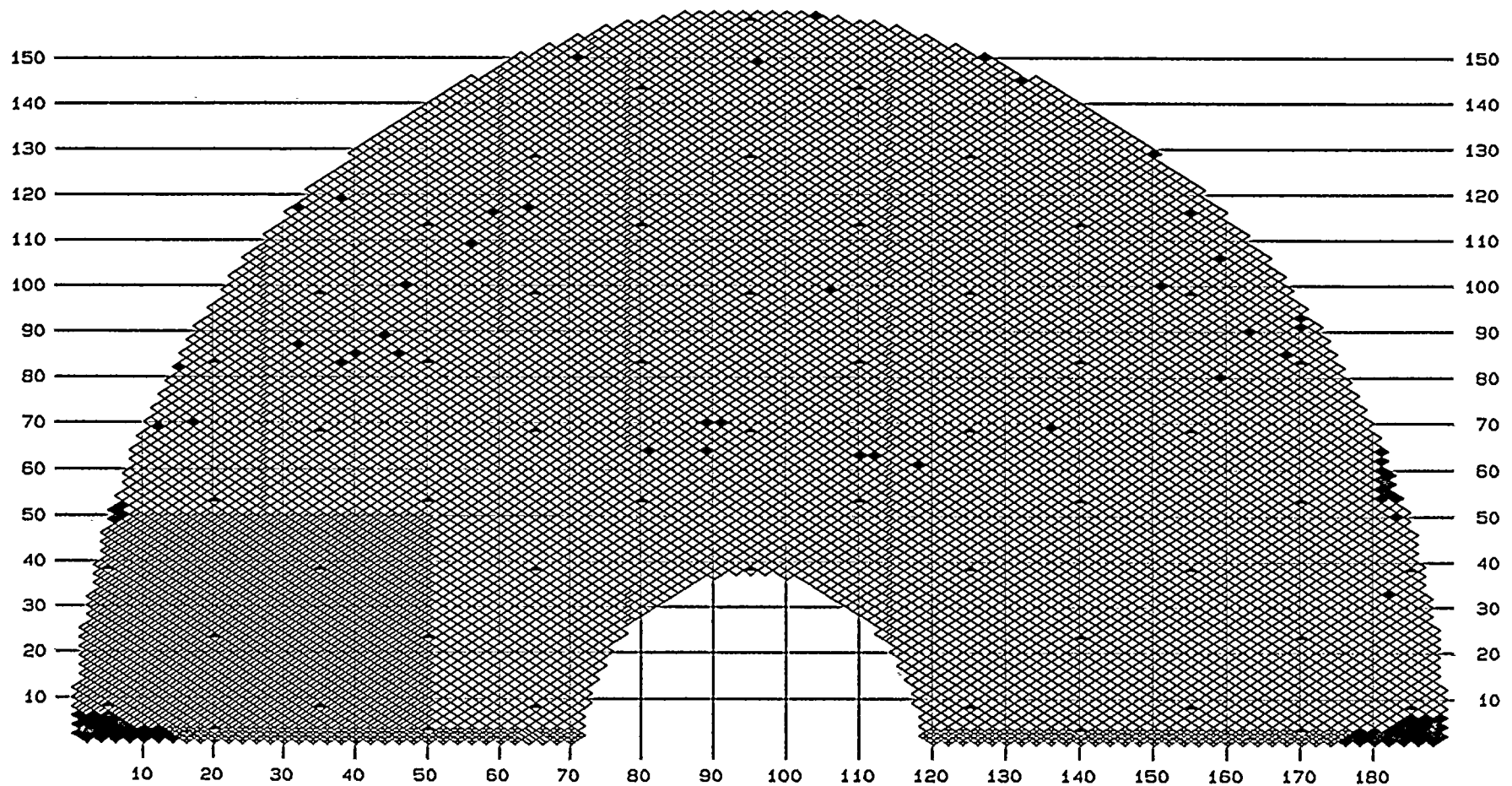
PLUGGED

113 ♦ TEH-TEC

1270 / TEH-07C

5 \ TEH-07H

163 *



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

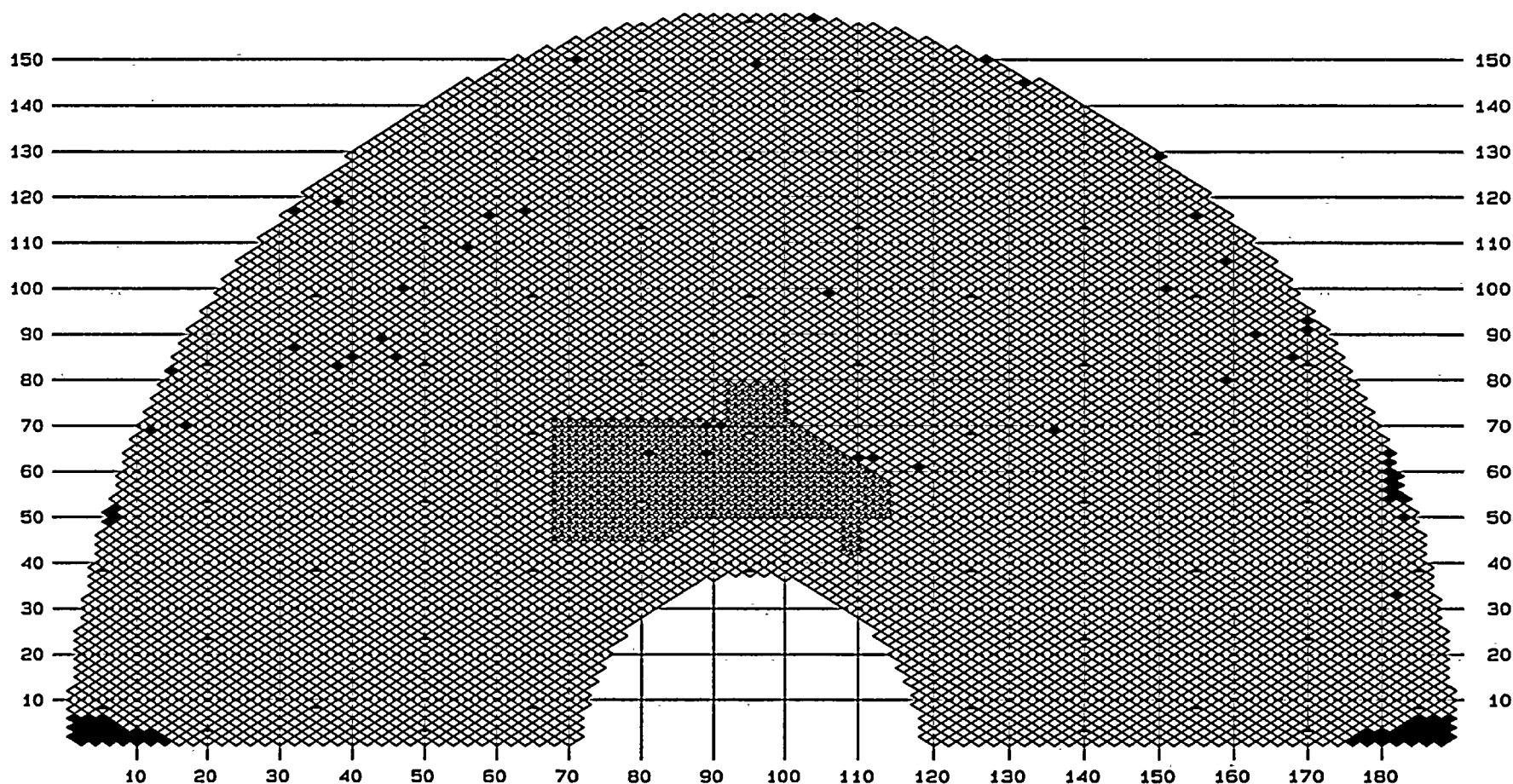
STEAM GENERATOR: 32
INITIAL SCOPE: TUBE SHEET MRPC (HOT LEG)

DATE: 04/12/94
TIME: 09: 48: 55

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 3, 4

STAYS

PLUGGED 113 ♦ TSH-TSH 553 Δ



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

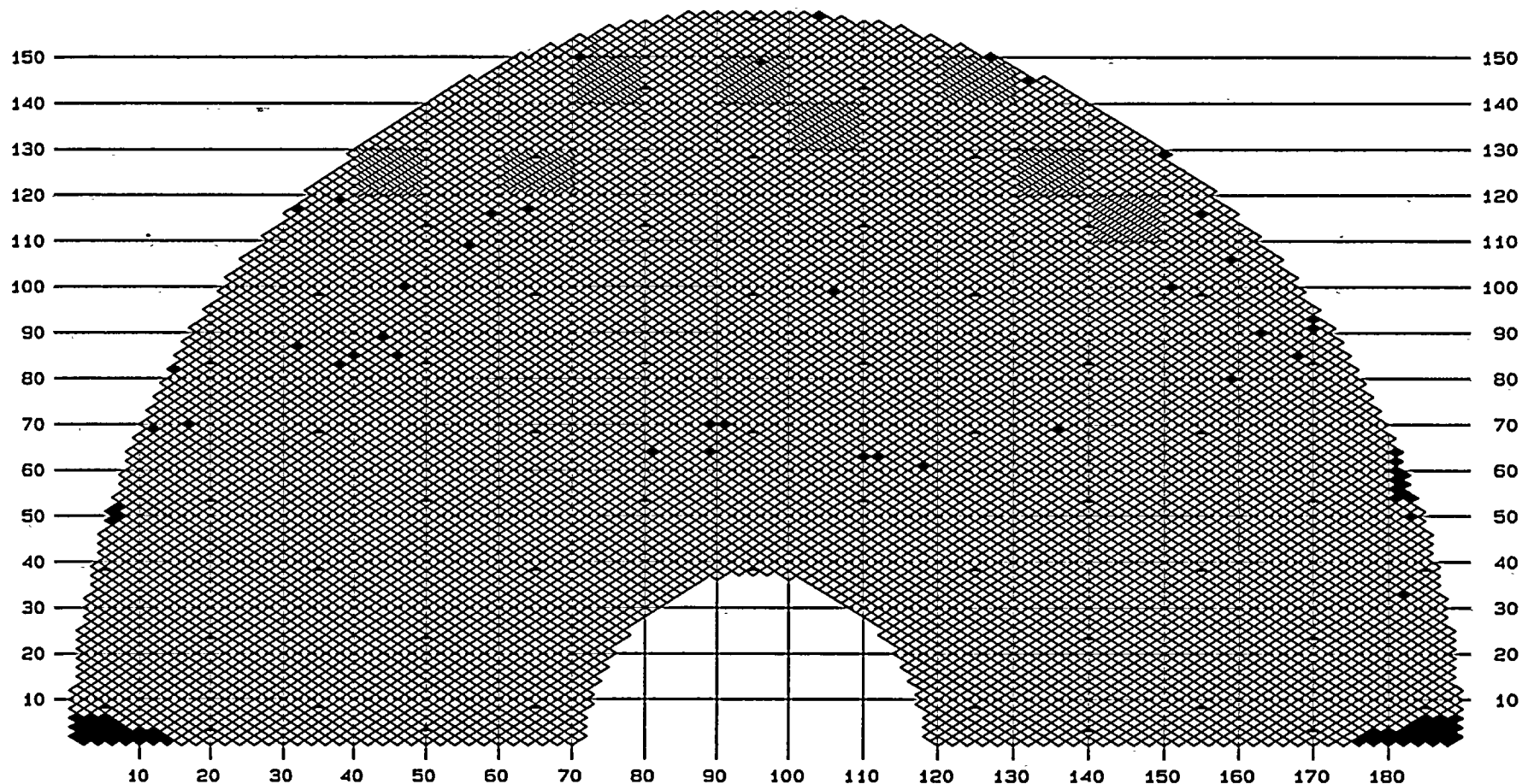
STEAM GENERATOR: 32
INITIAL SCOPE: MRPC 08H-1stVS

DATE: 04/12/94
TIME: 09: 51: 39

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 2, 5, 6, 7, 8

STAYS

PLUGGED 113 ♦ 08H-VS2 73 / 08H-VS1 318 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

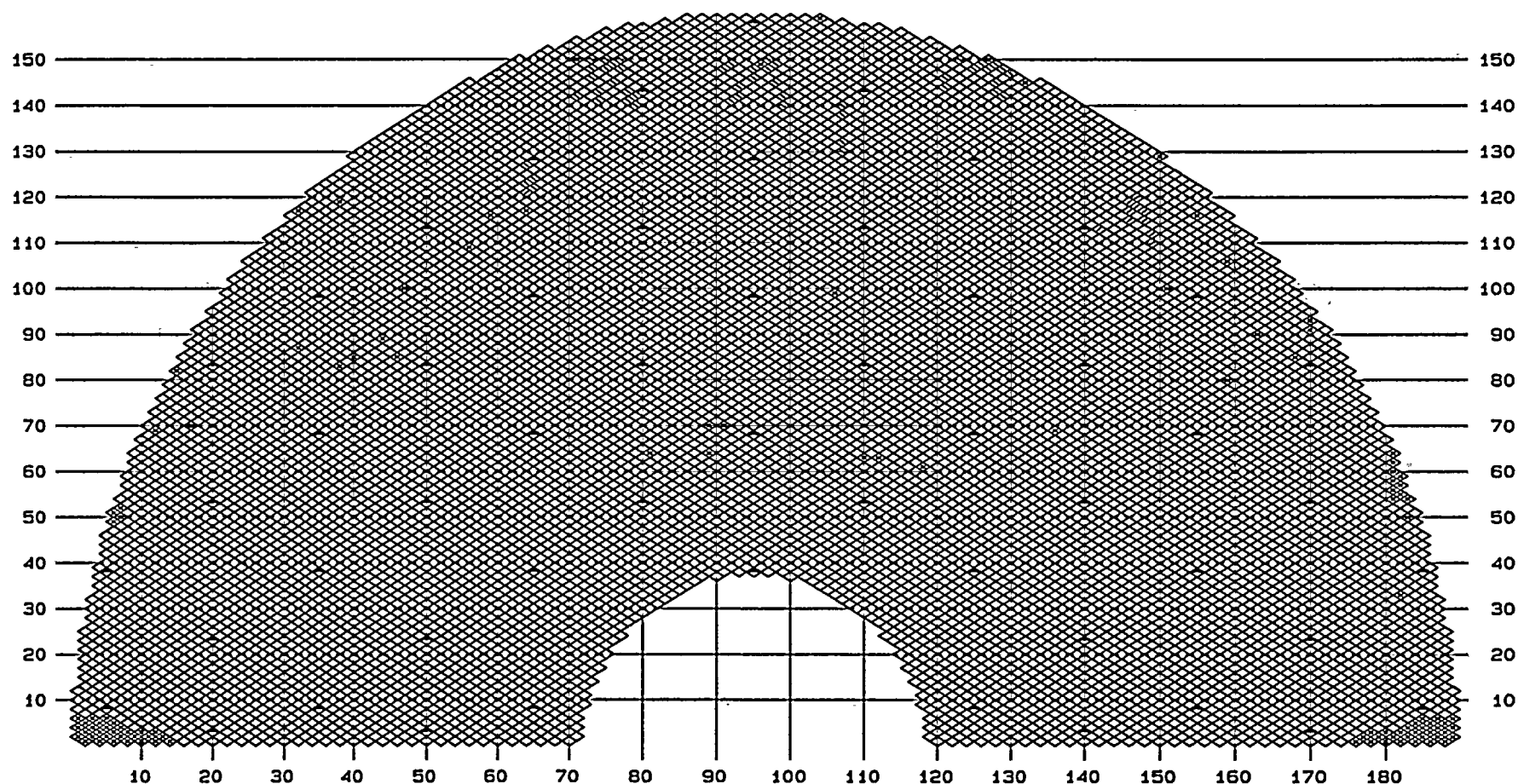
STEAM GENERATOR: 32
EXPANSION 2: MRPC PDP'S & SVI'S (08H-1VS)

DATE: 04/29/94
TIME: 09: 28: 17

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 39

STAYS ▲

PLUGGED 113 ✕ 08H-VS2 11 / 08H-VS1 49 \



APPENDIX C

SUMMARY DATA SHEETS BOBBIN COIL

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.
LOCATION:	Gives indication location relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows:
	#1 Vertical Strap.....VSI
	#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.
RPC:	Rotating Pancake Coil
ANALYSIS CODES:	Absolute DriftADR
	Baseline Indication.....BLI
	Bowing.....BOW
	Dent.....DNT
	Distorted Support Signal With Indication.....DSI
	Distorted Top of Tubesheet With Indication.....DTI
	Indication Not FoundINF
	Multiple Axial Indication.....MAI
	Multiple Circumferential IndicationMCI
	No Detectable Defect.....NDD
	Non-Quantifiable IndicationNQI
	No Tube Sheet Expansion.....NTE
	ObstructedOBS
	Previous Bobbin CallPBC
	Possible Deposit.....PDP
	Positive IdentificationPID
	Possible Loose Part with Indication.....PLI
	Possible Loose Part.....PLP
	Single Axial IndicationSAI
	Single Circumferential Indication.....SCI
	Single Volumetric IndicationSVI
	SludgeSLG
	Volumetric Indication.....VOL
	To Be Plugged.....TBP

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

PAGE: 1 OF 57
DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	DEG	%	CH
			PROGRAM	ACTUAL						MIL			
28	5	H	07H-BW1	07H-BW1	1	00138	600AC	07H- 1.01	0.54		0	<20	P 2
40	7	C	TEC-TEH	TEC-TEH		00012	610MF	BW2+ 1.75	0.20		0	<20	P 2
50	7	C	TEC-TEH	TEC-TEH		00011	610MF	VS4- 0.06	0.42		0	<20	P 2
51	8	H	TEH-TEC	TEH-TEC		00113	610MF	BW2+ 1.78	0.23		0	<20	P 2
50	9	H	VS4-BW2	VS4-BW2	1	00140	580AC	VS4+ 0.13	0.36		0	<20	P 2
48	11	C	TEC-TEH	TEC-TEH		00010	610MF	VS4- 1.03	1.01		0	22	P 2
		C	TEC-TEH	TEC-TEH		00017	610MF	VS4- 0.94	1.21		0	27	P 2
49	12	H	BW1-BW2	BW1-BW2	1	00140	580AC	BW1+ 1.97	0.44		0	<20	P 2
		H	BW1-BW2	BW1-BW2	1	00140	580AC	VS4+ 0.90	0.28		0	<20	P 2
		H	BW1-BW2	BW1-BW2	1	00140	580AC	BW2- 1.91	0.37		0	<20	P 2
51	12	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.00	0.29		0	<20	P 2
72	13	C	TEC-TEH	TEC-TEH		00019	610MF	VS5+ 0.81	0.27		0	<20	P 2
55	14	C	TEC-TEH	TEC-TEH		00020	610MF	VS3+ 0.70	0.51		0	<20	P 2
59	14	C	TEC-TEH	TEC-TEH		00020	610MF	07H+ 1.00	0.24		0	<20	P 2
61	14	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.92	0.20		0	<20	P 2
65	14	C	TEC-TEH	TEC-TEH		00019	610MF	VS3+ 0.81	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00019	610MF	VS5+ 0.87	0.29		0	<20	P 2
52	15	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.63	0.31		0	<20	P 2
35	16	C	TEC-TEH	TEC-TEH		00010	610MF	BW1+ 2.00	0.58		0	<20	P 2
51	16	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.00	0.27		0	<20	P 2
57	16	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.83	0.11		0	<20	P 2
71	16	C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.91	0.19		0	<20	P 2
73	16	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.83	0.39		0	<20	P 2
52	17	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.73	0.41		0	<20	P 2
54	17	C	TEC-TEH	TEC-TEH		00020	610MF	BW2- 2.00	0.39		0	<20	P 2
78	17	C	TEC-TEH	TEC-TEH		00020	610MF	VS3- 0.66	0.34		0	<20	P 2
49	18	C	TEC-TEH	TEC-TEH		00010	610MF	VS4- 0.80	0.41		0	<20	P 2
59	18	C	TEC-TEH	TEC-TEH		00020	610MF	VS3+ 0.69	0.37		0	<20	P 2
24	19	C	TEC-TEH	TEC-TEH		00010	610MF	BW1- 1.78	0.41		0	<20	P 2
72	19	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.99	0.29		0	<20	P 2
59	20	C	TEC-TEH	TEC-TEH		00020	610MF	VS5- 0.65	0.46		0	<20	P 2
69	20	C	TEC-TEH	TEC-TEH		00019	610MF	08H+ 0.90	0.58		0	20	P 2
77	20	C	TEC-TEH	TEC-TEH		00019	610MF	08H- 1.01	0.27		0	<20	P 2
79	20	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.98	0.41		0	<20	P 2
81	20	C	TEC-TEH	TEC-TEH		00019	610MF	08H- 0.97	0.22		0	<20	P 2
85	20	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.08	0.29		0	<20	P 2
70	21	C	TEC-TEH	TEC-TEH		00019	610MF	08H+ 0.91	0.43		0	<20	P 2
76	21	C	TEC-TEH	TEC-TEH		00020	610MF	08H- 0.97	0.56		0	<20	P 2
78	21	C	TEC-TEH	TEC-TEH		00019	610MF	VS3- 0.79	0.31		0	<20	P 2
80	21	C	TEC-TEH	TEC-TEH		00020	610MF	08H- 1.03	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.85	0.42		0	<20	P 2
82	21	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.98	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00019	610MF	BW2- 2.00	0.20		0	<20	P 2
86	21	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.98	0.36		0	<20	P 2
51	22	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 1.79	0.41		0	<20	P 2
63	22	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.00	0.66		0	<20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
71	22	C	TEC-TEH	TEC-TEH		00020	610MF	08H- 0.13	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	08H+ 0.87	0.83		0	20	P 2
73	22	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+ 1.99	0.27		0	<20	P 2
99	22	H	BW1-VS2	BW1-VS2	12	00168	580AC	BW1+ 1.84	0.68		0	20	P 2
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 1.93	0.72		0	24	P 2
64	23	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.00	0.27		0	<20	P 2
90	23	C	TEC-TEH	TEC-TEH		00019	610MF	07H+ 0.99	0.30		0	<20	P 2
94	23	C	TEC-TEH	TEC-TEH	10	00162	610MC	BW1+ 1.83	0.29		0	<20	P 2
41	24	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+ 2.00	0.34		0	<20	P 2
59	24	C	TEC-TEH	TEC-TEH		00020	610MF	BW1+ 2.07	0.47		0	<20	P 2
67	24	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.98	0.33		0	<20	P 2
71	24	C	TEC-TEH	TEC-TEH		00022	610MF	08H+ 0.87	1.32		0	29	P 2
77	24	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 1.94	0.34		0	<20	P 2
81	24	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 1.83	0.31		0	<20	P 2
87	24	C	TEC-TEH	TEC-TEH		00022	610MF	08H+ 0.91	1.06		0	26	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.04	0.77		0	22	P 2
58	25	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.11	0.11		0	<20	P 2
60	25	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.95	0.60		0	<20	P 2
64	25	C	TEC-TEH	TEC-TEH		00022	610MF	VS5- 0.69	0.42		0	<20	P 2
68	25	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 2.00	0.42		0	<20	P 2
70	25	C	TEC-TEH	TEC-TEH		00021	610MF	BW2+ 1.73	0.40		0	<20	P 2
80	25	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.91	0.58		0	<20	P 2
84	25	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.94	0.48		0	<20	P 2
59	26	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.07	0.35		0	<20	P 2
61	26	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.09	0.20		0	<20	P 2
67	26	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.95	0.18		0	<20	P 2
71	26	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.82	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	VS3+ 0.93	0.55		0	<20	P 2
73	26	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.04	0.19		0	<20	P 2
79	26	C	TEC-TEH	TEC-TEH		00022	610MF	08H- 1.03	0.63		0	<20	P 2
101	26	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.83	0.24		0	<20	P 2
103	26	C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.09	0.28		0	<20	P 2
105	26	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 2.00	0.54		0	<20	P 2
34	27	C	TEC-TEH	TEC-TEH		00007	610MF	BW1- 1.77	0.29		0	<20	P 2
64	27	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.00	0.22		0	<20	P 2
80	27	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.92	0.69		0	<20	P 2
82	27	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.00	0.23		0	<20	P 2
86	27	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+ 2.03	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	VS3- 0.71	0.99		0	26	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	VS3+ 0.00	2.23		0	39	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	VS5- 0.12	0.84		0	22	P 2
96	27	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+ 1.73	0.29		0	<20	P 2
106	27	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.98	0.32		0	<20	P 2
19	28	C	TEC-TEH	TEC-TEH		00008	610MF	06C- 0.86	0.50		0	<20	P 2
43	28	C	TEC-TEH	TEC-TEH		00008	610MF	VS4- 0.75	0.30		0	<20	P 2
51	28	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.99	0.26		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
61	28	C	TEC-TEH	TEC-TEH		00021	610MF	VS5+	0.91	0.36		0	<20	P 2
63	28	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.82	0.42		0	<20	P 2
65	28	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.12	0.23		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	VS5-	1.00	0.42		0	<20	P 2
81	28	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.78	0.26		0	<20	P 2
97	28	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+	1.91	0.44		0	<20	P 2
99	28	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.84	0.36		0	<20	P 2
109	28	C	TEC-TEH	TEC-TEH		00034	610MF	VS5-	0.74	0.46		0	<20	P 2
111	28	H	BW1-BW1	BW1-BW1	1	00137	580AC	BW1+	1.00	0.72		0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00137	580AC	BW1+	2.00	0.88		0	20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	2.09	0.75		0	<20	P 2
24	29	C	TEC-TEH	TEC-TEH		00008	610MF	BW2-	2.00	0.64		0	<20	P 2
52	29	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.98	0.95		0	<20	P 2
62	29	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.85	0.34		0	<20	P 2
66	29	C	TEC-TEH	TEC-TEH		00021	610MF	BW1-	2.00	0.33		0	<20	P 2
82	29	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.63	0.31		0	<20	P 2
102	29	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	2.00	0.42		0	<20	P 2
1	30	C	TEC-07H	TEC-07H		00130	580MF	02C+	0.66	0.98		0	26	P 2
71	30	C	TEC-TEH	TEC-TEH		00022	610MF	08H-	0.11	0.30		0	<20	P 2
73	30	C	TEC-TEH	TEC-TEH		00021	610MF	08H+	0.76	0.44		0	<20	P 2
75	30	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	1.92	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	VS5-	0.82	0.65		0	<20	P 2
85	30	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.00	0.51		0	<20	P 2
93	30	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	1.83	0.29		0	<20	P 2
95	30	C	TEC-TEH	TEC-TEH		00034	610MF	BW1-	1.81	0.37		0	<20	P 2
97	30	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.92	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00144	610MC	BW2+	1.95	0.20		0	<20	P 2
101	30	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	1.80	0.48		0	22	P 2
		C	TEC-TEH	TEC-TEH	8	00144	610MC	BW1+	1.69	0.15		0	<20	P 2
103	30	C	TEC-TEH	TEC-TEH		00034	610MF	BW1-	2.00	0.37		0	<20	P 2
109	30	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.94	0.43		0	<20	P 2
111	30	C	TEC-TEH	TEC-TEH	10	00165	610MC	BW1-	1.89	0.56		0	<20	P 2
18	31	C	TEC-TEH	TEC-TEH		00007	610MF	BW2-	2.00	0.41		0	<20	P 2
26	31	C	TEC-TEH	TEC-TEH		00007	610MF	BW1+	2.00	0.26		0	<20	P 2
70	31	C	TEC-TEH	TEC-TEH		00021	610MF	08H+	0.55	0.38		0	<20	P 2
74	31	C	TEC-TEH	TEC-TEH		00021	610MF	08H-	0.14	0.35		0	<20	P 2
76	31	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	1.82	0.49		0	<20	P 2
84	31	C	TEC-TEH	TEC-TEH		00022	610MF	VS3+	0.83	1.73		0	33	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	VS5-	0.52	0.77		0	22	P 2
88	31	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.98	0.69		0	<20	P 2
90	31	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.00	0.34		0	<20	P 2
96	31	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+	1.78	0.25		0	<20	P 2
102	31	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+	1.97	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00034	610MF	VS2+	0.19	0.34		0	<20	P 2
104	31	C	TEC-TEH	TEC-TEH		00034	610MF	VS2-	0.95	0.27		0	<20	P 2
106	31	C	TEC-TEH	TEC-TEH		00034	610MF	VS2-	1.00	0.59		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
110	31	C	TEC-TEH	TEC-TEH	8	00143	610MC	BW1+	2.04	0.24		0	<20	P 2
116	31	H	BW1-VS2	BW1-VS2	1	00135	580AC	BW1+	1.58	0.37		0	<20	P 2
47	32	C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.89	0.59		0	<20	P 2
59	32	C	TEC-TEH	TEC-TEH		00022	610MF	04H-	0.86	0.44		0	<20	P 2
65	32	C	TEC-TEH	TEC-TEH		00021	610MF	VS3+	0.74	0.33		0	<20	P 2
81	32	C	TEC-TEH	TEC-TEH		00021	610MF	BW1-	2.00	0.20		0	<20	P 2
83	32	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	2.00	0.30		0	<20	P 2
107	32	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	1.87	0.78		0	<20	P 2
117	32	C	TEC-TEH	TEC-TEH		00033	610MF	09H+	1.25	0.81		0	21	P 2
62	33	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.93	0.24		0	<20	P 2
68	33	C	TEC-TEH	TEC-TEH		00022	610MF	08H-	0.08	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	08H+	0.79	0.53		0	<20	P 2
72	33	C	TEC-TEH	TEC-TEH		00022	610MF	VS3-	0.94	0.51		0	<20	P 2
76	33	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	2.00	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.98	0.23		0	<20	P 2
78	33	C	TEC-TEH	TEC-TEH		00021	610MF	BW1-	2.00	0.71		0	21	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.18	0.31		0	<20	P 2
80	33	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	2.00	0.19		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	2.00	0.46		0	<20	P 2
82	33	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.90	0.36		0	<20	P 2
86	33	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.87	0.50		0	<20	P 2
88	33	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.91	0.60		0	<20	P 2
90	33	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.00	0.36		0	<20	P 2
92	33	H	TEH-TEC	TEH-TEC		00115	610MF	BW1+	1.97	0.54		0	<20	P 2
96	33	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+	2.00	0.25		0	<20	P 2
104	33	C	TEC-TEH	TEC-TEH	8	00143	610MC	BW1-	2.09	0.40		0	<20	P 2
118	33	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.85	0.48		0	<20	P 2
69	34	C	TEC-TEH	TEC-TEH		00022	610MF	BW1-	2.17	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	BW1-	1.87	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.16	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	VS1+	1.79	0.48		0	<20	P 2
71	34	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.86	0.37		0	<20	P 2
73	34	C	TEC-TEH	TEC-TEH		00022	610MF	08H+	0.80	0.86		0	23	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.91	0.69		0	20	P 2
75	34	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.06	0.46		0	<20	P 2
77	34	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.76	0.26		0	<20	P 2
79	34	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.76	0.64		0	<20	P 2
81	34	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.79	0.28		0	<20	P 2
95	34	C	TEC-TEH	TEC-TEH	8	00143	610MC	BW1-	2.02	0.22		0	<20	P 2
97	34	C	TEC-TEH	TEC-TEH		00034	610MF	BW1-	2.00	1.39		0	28	P 2
99	34	H	08H-VS3	08H-VS3	11	00161	580AC	BW1-	2.00	0.57		0	<20	P 2
101	34	H	08H-VS3	08H-VS3	11	00161	580AC	BW1-	2.00	0.43		0	<20	P 2
107	34	H	08H-VS3	08H-VS3	11	00160	580AC	BW1-	1.82	0.49		0	<20	P 2
		H	TEH-TSH	TEH-TEC		00115	610MF	BW1+	1.75	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TSH		00033	610MF	BW1+	1.85	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00160	580AC	BW1+	2.00	0.29		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
WATAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
111	34	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.70	0.63		0	<20	P 2
117	34	C	TEC-TEH	TEC-TEH		00034	610MF	09H+	1.27	0.71		0	22	P 2
64	35	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	2.06	0.49		0	<20	P 2
88	35	C	TEC-TEH	TEC-TEH	8	00143	610MC	BW1+	2.00	0.27		0	<20	P 2
94	35	C	TEC-TEH	TEC-TEH		00032	610MF	08H+	0.98	0.75		0	20	P 2
100	35	H	08H-VS3	08H-VS3	11	00161	580AC	BW1+	1.89	0.27		0	<20	P 2
108	35	H	08H-VS3	08H-VS3	11	00160	580AC	BW1+	2.00	0.41		0	<20	P 2
110	35	C	TEC-TEH	TEC-TEH		00031	610MF	BW1-	1.95	0.76		0	25	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	BW1+	1.75	0.76		0	25	P 2
112	35	C	TEC-TEH	TEC-TEH	8	00143	610MC	BW1-	2.10	0.30		0	<20	P 2
114	35	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+	1.96	0.36		0	<20	P 2
116	35	C	TEC-TEH	TEC-TEH		00032	610MF	09H+	1.30	2.82		0	39	P 2
		H	09H-09H	09H-09H	1	00134	600AC	09H+	1.65	2.18		0	31	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW2-	2.00	0.53		0	<20	P 2
118	35	H	09H-09H	09H-09H	1	00140	580AC	09H-	1.27	1.25		0	22	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	09H-	1.26	1.37		0	35	P 2
		H	09H-09H	09H-09H	1	00140	580AC	09H+	1.23	0.77		0	<20	P 2
122	35	C	TEC-TEH	TEC-TEH	10	00164	610MC	09H+	0.70	0.17		0	<20	P 2
61	36	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.12	0.39		0	<20	P 2
65	36	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.78	0.47		0	<20	P 2
67	36	C	TEC-TEH	TEC-TEH		00022	610MF	08H+	0.74	0.42		0	<20	P 2
77	36	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	1.87	0.47		0	<20	P 2
95	36	C	TEC-TEH	TEC-TEH		00032	610MF	08H+	0.96	0.42		0	<20	P 2
99	36	H	08H-VS3	08H-VS3	11	00160	580AC	08H+	0.59	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	08H+	0.89	0.72		0	<20	P 2
101	36	H	08H-VS3	08H-VS3	11	00161	580AC	VS3-	0.43	0.29		0	<20	P 2
107	36	H	08H-VS3	08H-VS3	11	00160	580AC	BW1+	1.26	0.53		0	<20	P 2
111	36	H	08H-BW1	08H-BW1	9	00154	600AC	BW1-	2.31	0.46		0	<20	P 2
117	36	C	TEC-TEH	TEC-TEH		00032	610MF	09H+	1.24	0.92		0	23	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1-	2.00	0.25		0	<20	P 2
121	36	C	TEC-TEH	TEC-TEH		00032	610MF	09H+	0.89	0.70		0	<20	P 2
54	37	C	TEC-TEH	TEC-TEH		00021	610MF	BW1+	2.01	0.37		0	<20	P 2
64	37	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.95	0.62		0	<20	P 2
86	37	C	TEC-TEH	TEC-TEH		00021	610MF	BW2-	2.00	0.98		0	25	P 2
88	37	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+	1.73	0.56		0	<20	P 2
102	37	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	2.17	0.26		0	<20	P 2
104	37	H	08H-VS3	08H-VS3	11	00160	580AC	VS2-	0.88	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00146	610MC	BW2+	1.76	0.43		0	<20	P 2
106	37	H	08H-VS3	08H-VS3	11	00162	580AC	BW1+	1.47	0.59		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	2.11	0.32		0	<20	P 2
110	37	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	2.00	0.32		0	<20	P 2
112	37	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+	2.00	0.26		0	<20	P 2
114	37	C	TEC-TEH	TEC-TEH		00032	610MF	BW1-	1.99	0.47		0	<20	P 2
120	37	C	TEC-TEH	TEC-TEH		00031	610MF	09H-	0.95	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00164	610MC	VS5+	0.72	0.20		0	<20	P 2
47	38	C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	1.67	0.54		0	<20	P 2

CONAM NUCLEAR, INC.

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
67	38	C	TEC-TEH	TEC-TEH		00022	610MF	BW1- 1.94	0.44			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.83	0.58			0	<20	P 2
69	38	C	TEC-TEH	TEC-TEH		00021	610MF	BW1- 2.18	0.85			0	<20	P 2
75	38	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 1.90	0.39			0	<20	P 2
79	38	C	TEC-TEH	TEC-TEH		00022	610MF	BW1+ 2.06	0.40			0	<20	P 2
89	38	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW2+ 1.76	0.16			0	<20	P 2
99	38	H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 1.46	0.39			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.83	0.60			0	<20	P 2
103	38	H	08H-BW1	08H-BW1	9	00154	600AC	BW1- 2.41	0.53		.36	SAI	P 2	
107	38	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.86	0.48			0	<20	P 2
		H	08H-VS3	08H-VS2	11	00160	580AC	BW1+ 2.00	1.01			0	21	P 2
109	38	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1- 2.00	0.20			0	<20	P 2
115	38	H	08H-BW1	08H-BW1	9	00154	600AC	08H- 0.09	0.36			0	<20	P 2
		H	08H-BW1	08H-BW1	9	00154	600AC	BW1- 1.95	0.41			0	<20	P 2
119	38	H	09H-09H	09H-09H	1	00134	600AC	09H- 1.08	1.23			0	21	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	09H- 1.04	0.61			0	<20	P 2
		H	09H-09H	09H-09H	1	00134	600AC	09H+ 0.87	2.23			0	31	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	09H+ 1.00	2.09			0	35	P 2
54	39	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.00	0.62			0	<20	P 2
64	39	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.86	0.46			0	<20	P 2
74	39	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.00	0.31			0	<20	P 2
76	39	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.94	0.19			0	<20	P 2
86	39	C	TEC-TEH	TEC-TEH		00023	610MF	08H+ 0.80	1.05			0	25	P 2
		C	TEC-TEH	TEC-TEH	8	00145	610MC	BW1- 2.00	0.82			0	22	P 2
		C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.01	0.89			0	26	P 2
88	39	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1+ 1.97	0.41			0	<20	P 2
92	39	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1- 1.99	0.55			0	<20	P 2
98	39	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.89	0.38			0	<20	P 2
108	39	H	08H-VS3	08H-VS3	11	00162	580AC	08H+ 0.63	0.30			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00032	610MF	08H+ 1.00	0.32			0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 1.12	0.75			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00032	610MF	BW1+ 2.00	0.68			0	<20	P 2
118	39	C	TEC-TEH	TEC-TEH		00031	610MF	09H+ 0.06	0.29			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	09H+ 0.96	0.73			0	24	P 2
120	39	C	TEC-TEH	TEC-TEH		00032	610MF	09H+ 0.86	0.85			0	<20	P 2
122	39	H	09H-BW1	09H-BW1	12	00167	600AC	09H- 0.30	1.73			0	31	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	09H- 0.25	1.18			0	32	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	09H+ 0.81	0.95			0	29	P 2
		H	09H-BW1	09H-BW1	12	00167	600AC	09H+ 0.82	1.49			0	28	P 2
124	39	C	TEC-TEH	TEC-TEH		00032	610MF	09H+ 0.95	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.10	0.31			0	<20	P 2
126	39	H	TEH-TSH	TEH-TEC		00115	610MF	BW1+ 1.78	0.63			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00031	610MF	BW1+ 2.07	0.53			0	<20	P 2
		H	TEH-TSH	TEH-TEC		00115	610MF	03C- 0.78	0.63			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00031	610MF	03C- 0.94	0.38			0	<20	P 2
45	40	C	TEC-TEH	TEC-TEH		00003	610MF	BW2- 2.00	0.37			0	<20	P 2

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
47	40	C	TEC-TEH	TEC-TEH		00004	610MF	BW2- 2.00	0.20		0	<20	P 2
63	40	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.78	0.22		0	<20	P 2
85	40	C	TEC-TEH	TEC-TEH		00023	610MF	VS5- 0.61	0.87		0	<20	P 2
97	40	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.08	0.20		0	<20	P 2
101	40	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.05	0.49		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1- 1.83	0.42		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 2.00	0.44		0	<20	P 2
105	40	C	TEC-TEH	TEC-TEH		00032	610MF	VS2+ 0.51	0.58		0	<20	P 2
107	40	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 2.00	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 2.00	0.71		0	<20	P 2
113	40	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1- 2.03	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW2- 1.79	0.92		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00146	610MC	BW2+ 1.60	0.59		0	<20	P 2
117	40	C	TEC-TEH	TEC-TEH		00032	610MF	09H+ 1.07	0.58		0	<20	P 2
119	40	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.67	0.39		0	<20	P 2
121	40	C	TEC-TEH	TEC-TEH		00032	610MF	09H+ 0.67	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 2.04	0.36		0	<20	P 2
123	40	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.91	0.42		0	<20	P 2
125	40	C	TEC-TEH	TEC-TEH		00032	610MF	09H- 1.04	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.05	0.92		0	23	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.91	0.83		0	22	P 2
127	40	C	TEC-TEH	TEC-TEH		00031	610MF	09H+ 0.99	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00164	610MC	04C+ 0.77	0.36		0	<20	P 2
48	41	C	TEC-TEH	TEC-TEH		00004	610MF	BW1+ 1.98	0.82		0	<20	P 2
64	41	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.00	0.31		0	<20	P 2
86	41	H	TEH-TEC	TEH-TEC		00113	610MF	BW1+ 1.71	0.40		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00113	610MF	BW2+ 1.82	0.40		0	<20	P 2
98	41	C	TEC-TEH	TEC-TEH		00029	610MF	BW1- 2.12	0.40		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1- 1.64	0.79		0	<20	P 2
106	41	C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 1.73	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 2.00	0.51		0	<20	P 2
112	41	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.93	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS2- 0.82	1.18		0	26	P 2
120	41	C	TEC-TEH	TEC-TEH	10	00165	610MC	BW1+ 2.00	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	VS2+ 0.82	0.51		0	<20	P 2
		H	08H-VS2	08H-VS2		00070	580BC	VS2+ 0.89	0.57		0	<20	P 2
122	41	H	08H-VS1	08H-VS1		00071	580BC	09H- 1.05	0.37		0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	BW1- 1.87	0.24		0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	BW1+ 1.84	2.98		0	31	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 2.00	0.93		0	31	P 2
		H	08H-VS1	08H-VS1		00071	580BC	VS1- 0.71	0.98		0	<20	P 2
126	41	H	08H-VS1	08H-VS1		00070	580BC	BW1+ 1.79	1.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 1.91	0.70		0	23	P 2
		H	08H-VS1	08H-VS1		00070	580BC	VS1- 1.16	1.83		0	21	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	VS1- 1.00	0.62		0	21	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW2- 2.00	0.51		0	<20	P 2

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
130	41	C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.68	0.43			0	<20	P 2
		H	08H-VS1	08H-VS1		00070	580BC	09H+ 0.75	0.49			0	<20	P 2
87	42	C	TEC-TEH	TEC-TEH	8	00145	610MC	BW1- 1.93	0.53			0	<20	P 2
95	42	C	TEC-TEH	TEC-TEH		00030	610MF	BW1- 2.06	0.66			0	<20	P 2
97	42	C	TEC-TEH	TEC-TEH		00029	610MF	06H+ 0.83	0.34			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1- 1.81	0.48			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 1.73	0.45			0	<20	P 2
99	42	H	08H-VS3	08H-VS3	11	00165	580AC	BW1- 2.06	0.61			0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00145	610MC	BW1- 2.02	0.35			0	<20	P 2
		H	08H-VS3	08H-VS3	11	00165	580AC	VS2+ 0.93	0.37			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	08C+ 0.83	0.64			0	<20	P 2
105	42	H	08H-VS3	08H-VS3	11	00162	580AC	BW1+ 1.56	0.36			0	<20	P 2
107	42	H	08H-VS3	08H-VS3	11	00164	580AC	BW1+ 1.64	0.38			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.79	0.62			0	<20	P 2
111	42	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.17	0.80			0	20	P 2
113	42	C	TEC-TEH	TEC-TEH		00029	610MF	VS6- 0.67	0.34			0	<20	P 2
115	42	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.90	0.44			0	<20	P 2
121	42	H	08H-VS2	08H-VS2		00070	580BC	09H- 0.84	0.52			0	<20	P 2
123	42	C	TEC-TEH	TEC-TEH		00030	610MF	09H- 1.01	0.83			0	21	P 2
		H	08H-VS1	08H-VS1		00071	580BC	09H- 0.96	1.21			0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	BW1+ 1.84	1.20			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.01	0.82			0	20	P 2
125	42	H	08H-VS1	08H-VS1		00070	580BC	09H- 1.01	0.40			0	<20	P 2
		H	08H-VS1	08H-VS1		00070	580BC	09H+ 0.59	0.83			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.88	0.98			0	22	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1- 2.05	1.14			0	28	P 2
		H	08H-VS1	08H-VS1		00070	580BC	BW1- 2.00	1.97			0	23	P 2
127	42	H	08H-VS1	08H-VS1		00070	580BC	09H- 0.52	0.85			0	<20	P 2
		H	08H-VS1	09H-VS1	2	00140	580AC	09H+ 0.70	0.32			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1- 2.07	0.49			0	<20	P 2
		H	08H-VS1	08H-VS1		00070	580BC	BW1- 2.03	0.71			0	<20	P 2
129	42	C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.88	0.56			0	23	P 2
		H	08H-VS1	08H-VS1		00069	580BC	09H+ 0.92	0.61			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00029	610MF	BW1- 2.18	0.48			0	<20	P 2
		H	08H-VS1	08H-VS1		00069	580BC	BW1- 1.85	0.88			0	<20	P 2
131	42	C	TEC-TEH	TEC-TEH		00029	610MF	BW1+ 2.00	0.16			0	<20	P 2
88	43	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1+ 1.98	0.21			0	<20	P 2
96	43	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.09	0.36			0	<20	P 2
100	43	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.73			0	<20	P 2
106	43	H	08H-VS3	08H-BW1	11	00166	580AC	08H- 0.25	0.23			0	<20	P 2
		H	BW1-VS2	BW1-VS2	9	00153	580AC	BW1+ 1.88	0.31			0	<20	P 2
108	43	H	BW1-BW1	BW1-BW1		00167	600AC	BW1- 1.97	0.36			0	<20	P 2
122	43	H	08H-VS1	08H-VS1		00070	580BC	09H- 0.98	0.71			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	09H- 0.97	0.57			0	<20	P 2
		H	08H-VS1	08H-VS1		00070	580BC	BW1+ 1.85	1.44			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.87	0.46			0	<20	P 2

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
126	43	H	08H-VS1	08H-VS1		00070	580BC	BW1+	1.90	0.67		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+	2.08	0.83		0	21	P 2
		H	08H-VS1	08H-VS1		00070	580BC	VS1-	0.91	0.94		0	<20	P 2
130	43	C	TEC-TEH	TEC-TEH		00030	610MF	VS1-	1.00	0.54		0	<20	P 2
41	44	C	TEC-TEH	TEC-TEH	3	00175	610MS	BW1+	1.96	0.43		0	<20	P 2
71	44	C	TEC-TEH	TEC-TEH	3	00174	610MS	BW1+	2.07	0.34		0	<20	P 2
75	44	C	TEC-TEH	TEC-TEH	3	00174	610MS	BW1+	1.89	0.48		0	<20	P 2
101	44	C	TEC-TEH	TEC-TEH		00043	610MF	BW1-	2.14	0.30		0	<20	P 2
103	44	C	TEC-TEH	TEC-TEH	3	00174	610MS	BW1-	1.95	0.18		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+	1.54	0.28		0	<20	P 2
107	44	C	TEC-TEH	TEC-TEH		00044	610MF	BW1-	1.71	0.33		0	<20	P 2
109	44	H	BW1-VS2	BW1-VS2	9	00157	580AC	BW1-	2.00	0.51		0	<20	P 1
111	44	C	TEC-TEH	TEC-TEH		00044	610MF	BW1-	1.73	0.69		0	20	P 2
		H	BW1-BW1	BW1-BW1	1	00135	580AC	BW1-	1.61	0.49		0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00135	580AC	BW1+	1.80	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW1+	2.00	0.38		0	<20	P 2
117	44	C	TEC-TEH	TEC-TEH		00044	610MF	09H+	1.21	0.85		0	23	P 2
121	44	C	TEC-TEH	TEC-TEH		00043	610MF	07H-	1.01	0.30		0	<20	P 2
125	44	C	TEC-TEH	TEC-TEH		00043	610MF	09H+	0.89	0.23		0	<20	P 2
		H	08H-VS1	08H-VS1		00069	580BC	09H+	0.89	0.58		0	<20	P 2
27	44	C	TEC-TEH	TEC-TEH		00044	610MF	09H+	0.68	1.43		0	31	P 2
		H	08H-VS1	08H-VS1		00070	580BC	09H+	0.83	1.25		0	<20	P 2
129	44	H	08H-VS1	08H-VS1		00069	580BC	09H-	0.21	0.71		0	<20	P 2
		H	08H-VS1	08H-VS1		00069	580BC	09H+	0.73	1.01		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00043	610MF	09H+	0.89	0.38		0	<20	P 2
131	44	C	TEC-TEH	TEC-TEH		00044	610MF	09H+	0.70	1.95		0	35	P 2
46	45	C	TEC-TEH	TEC-TEH		00004	610MF	BW1+	1.94	0.53		0	<20	P 2
68	45	C	TEC-TEH	TEC-TEH		00024	610MF	08H+	0.84	0.54		0	<20	P 2
84	45	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1+	2.00	0.33		0	<20	P 2
92	45	C	TEC-TEH	TEC-TEH		00030	610MF	BW2-	2.02	1.05		0	24	P 2
96	45	C	TEC-TEH	TEC-TEH		00030	610MF	08H-	0.98	0.22		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1-	2.00	0.71		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+	2.00	0.54		0	<20	P 2
124	45	H	08H-VS1	08H-VS1		00070	580BC	09H+	0.84	0.51		0	<20	P 2
126	45	C	TEC-TEH	TEC-TEH		00029	610MF	09H+	0.83	0.35		0	<20	P 2
		H	08H-VS1	08H-VS1		00069	580BC	09H+	0.95	0.61		0	<20	P 2
		H	08H-VS1	08H-VS1	2	00140	580AC	VS1-	1.00	0.41		0	<20	P 2
130	45	H	08H-VS1	08H-VS1		00069	580BC	09H+	0.84	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	09H+	0.87	0.54		0	<20	P 2
134	45	C	TEC-TEH	TEC-TEH		00029	610MF	BW1+	1.93	0.47		0	<20	P 2
41	46	C	TEC-TEH	TEC-TEH		00003	610MF	BW2+	2.00	0.36		0	<20	P 2
73	46	C	TEC-TEH	TEC-TEH		00023	610MF	08H-	0.16	0.30		0	<20	P 2
79	46	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	1.88	0.54		0	<20	P 2
99	46	C	TEC-TEH	TEC-TEH		00034	610MF	08H-	0.97	0.24		0	<20	P 2
125	46	C	TEC-TEH	TEC-TEH		00029	610MF	VS3-	0.81	0.47		0	<20	P 2
29	46	H	08H-VS1	08H-VS1		00068	580BC	09H+	0.85	0.69		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
129	46	C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.90	0.63			0	<20	P 2
131	46	C	TEC-TEH	TEC-TEH		00030	610MF	09H- 0.16	1.28			0	28	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	09H+ 0.90	0.55			0	<20	P 2
133	46	C	TEC-TEH	TEC-TEH		00029	610MF	09H+ 0.65	0.38			0	<20	P 2
54	47	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.00	0.43			0	<20	P 2
64	47	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.94	0.37			0	<20	P 2
96	47	C	TEC-TEH	TEC-TEH		00033	610MF	BW1- 2.16	0.44			0	<20	P 2
108	47	C	TEC-TEH	TEC-TEH		00027	610MF	BW1- 2.00	0.41			0	<20	P 2
110	47	C	TEC-TEH	TEC-TEH		00027	610MF	BW1- 1.95	0.65			0	24	P 2
		C	TEC-TEH	TEC-TEH	8	00145	610MC	BW1+ 2.00	0.30			0	<20	P 2
112	47	C	TEC-TEH	TEC-TEH		00027	610MF	BW1- 1.77	0.22			0	<20	P 2
116	47	H	08H-BW1	08H-BW1	9	00156	600AC	09H+ 1.62	0.43			0	<20	P 2
126	47	H	08H-VS1	08H-VS1		00067	580BC	VS1- 0.99	0.62			0	<20	P 2
128	47	C	TEC-TEH	TEC-TEH	10	00165	610MC	09H+ 1.00	0.70			0	<20	P 2
130	47	H	08H-VS1	08H-VS1		00067	580BC	09H- 1.16	0.31			0	<20	P 2
		H	08H-VS1	08H-VS1		00067	580BC	09H- 0.38	0.43			0	<20	P 2
		H	08H-VS1	08H-VS1		00067	580BC	09H+ 1.01	0.32			0	<20	P 2
		H	08H-VS1	08H-VS1		00067	580BC	BW1- 2.00	0.39			0	<20	P 2
132	47	C	TEC-TEH	TEC-TEH		00027	610MF	09H+ 0.68	1.59			0	36	P 2
75	48	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 2.00	0.58			0	<20	P 2
97	48	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1- 2.00	0.24			0	<20	P 2
105	48	H	BW1-BW1	BW1-BW1	9	00156	600AC	BW1+ 1.95	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW2+ 2.00	0.71			0	25	P 2
111	48	C	TEC-TEH	TEC-TEH	8	00145	610MC	BW1- 1.94	0.35			0	<20	P 2
113	48	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1+ 2.00	0.30			0	<20	P 2
117	48	C	TEC-TEH	TEC-TEH	8	00146	610MC	VS2+ 0.69	0.47			0	<20	P 2
127	48	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.83	1.35			0	27	P 2
		H	08H-VS1	08H-VS1		00068	580BC	09H+ 0.84	1.24			0	<20	P 2
131	48	C	TEC-TEH	TEC-TEH		00028	610MF	09H+ 0.89	0.83			0	20	P 2
16	49	C	TEC-TEH	TEC-TEH		00002	610MF	BW2+ 2.00	0.69			0	<20	P 2
74	49	C	TEC-TEH	TEC-TEH		00023	610MF	BW1+ 1.75	0.43			0	<20	P 2
76	49	C	TEC-TEH	TEC-TEH		00024	610MF	08H+ 1.00	0.59			0	<20	P 2
84	49	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.86	1.25			0	30	P 2
86	49	H	08H-BW1	08H-BW1	9	00154	600AC	BW1+ 1.54	0.30			0	<20	P 2
108	49	C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 2.00	0.56			0	<20	P 2
112	49	C	TEC-TEH	TEC-TEH	8	00146	610MC	BW1- 2.00	0.17			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+ 1.91	0.39			0	<20	P 2
118	49	C	TEC-TEH	TEC-TEH	8	00145	610MC	09H- 1.00	0.42			0	<20	P 2
138	49	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+ 2.11	0.57			0	22	P 2
67	50	C	TEC-TEH	TEC-TEH		00024	610MF	08H- 0.18	0.54			0	<20	P 2
71	50	C	TEC-TEH	TEC-TEH		00024	610MF	08H+ 0.91	0.90			0	25	P 2
77	50	C	TEC-TEH	TEC-TEH		00023	610MF	VS5+ 0.72	0.67			0	21	P 2
91	50	C	TEC-TEH	TEC-TEH		00025	610MF	VS2+ 0.54	0.44			0	<20	P 2
105	50	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+ 1.85	0.44			0	<20	P 2
107	50	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1+ 2.00	0.56			0	<20	P 2
117	50	C	TEC-TEH	TEC-TEH	8	00147	610MC	09H- 0.98	0.45			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
117	50	C	TEC-TEH	TEC-TEH	8	00147	610MC	09H+	1.00	0.59		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1-	1.99	0.36		0	<20	P 2
131	50	H	08H-09H	08H-09H	1	00132	600AC	09H+	0.86	0.22		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	09H+	0.89	0.22		0	<20	P 2
133	50	C	TEC-TEH	TEC-TEH	10	00190	610MC	09H+	0.79	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	VS1+	0.92	0.35		0	<20	P 2
135	50	C	TEC-TEH	TEC-TEH	10	00191	610MC	09H-	0.16	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00028	610MF	BW1+	2.07	0.42		0	<20	P 2
137	50	C	TEC-TEH	TEC-TEH		00027	610MF	09H+	0.69	0.61		0	22	P 2
139	50	C	TEC-TEH	TEC-TEH		00028	610MF	BW1-	1.78	0.47		0	<20	P 2
66	51	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	1.21	0.98		0	29	P 2
70	51	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.86	0.82		0	<20	P 2
80	51	C	TEC-TEH	TEC-TEH		00036	610MF	BW1-	1.99	0.25		0	<20	P 2
86	51	C	TEC-TEH	TEC-TEH		00035	610MF	VS3-	0.98	0.85		0	26	P 2
88	51	C	TEC-TEH	TEC-TEH		00036	610MF	08H+	0.96	0.83		0	24	P 2
96	51	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1-	2.12	0.72		0	<20	P 2
102	51	C	TEC-TEH	TEC-TEH		00053	610MF	08H+	0.72	0.93		0	28	P 2
		C	TEC-TEH	TEC-TEH	8	00148	610MC	BW1-	2.06	0.22		0	<20	P 2
112	51	C	TEC-TEH	TEC-TEH		00053	610MF	VS2-	0.78	0.94		0	28	P 2
114	51	C	TEC-TEH	TEC-TEH	8	00148	610MC	BW1-	2.00	0.15		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00052	610MF	VS2-	0.75	0.61		0	<20	P 2
122	51	H	TEH-TEC	TEH-TEC		00173	610MC	BW1+	2.00	0.29		0	<20	P 2
126	51	C	TEC-TEH	TEC-TEH		00052	610MF	VS5-	0.73	0.40		0	<20	P 2
138	51	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+	2.17	0.89		0	22	P 2
69	52	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.83	0.27		0	<20	P 2
73	52	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.89	0.42		0	<20	P 2
111	52	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1-	2.05	0.53		0	<20	P 2
115	52	C	TEC-TEH	TEC-TEH		00052	610MF	BW1-	2.04	0.78		0	20	P 2
		C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1-	2.02	0.81		0	21	P 2
117	52	C	TEC-TEH	TEC-TEH		00053	610MF	09H-	1.33	1.31		0	33	P 2
		H	09H-09H	09H-09H	1	00132	600AC	09H-	1.20	0.44		0	<20	P 2
131	52	C	TEC-TEH	TEC-TEH	10	00190	610MC	09H+	0.71	0.45		0	<20	P 2
135	52	C	TEC-TEH	TEC-TEH		00052	610MF	09H+	0.64	0.80		0	21	P 2
139	52	C	TEC-TEH	TEC-TEH		00053	610MF	BW1+	1.80	0.59		0	20	P 2
		H	BW1-VS1	BW1-VS1	1	00133	580AC	BW1+	1.90	0.81		0	<20	P 2
48	53	C	TEC-TEH	TEC-TEH		00013	610MF	VS4-	0.98	1.46		0	34	P 2
66	53	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	1.20	0.62		0	21	P 2
70	53	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.95	0.43		0	<20	P 2
72	53	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+	1.73	0.38		0	<20	P 2
76	53	C	TEC-TEH	TEC-TEH		00036	610MF	VS3-	0.08	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	VS3+	0.91	0.79		0	23	P 2
80	53	C	TEC-TEH	TEC-TEH		00036	610MF	08H-	0.05	0.42		0	<20	P 2
86	53	C	TEC-TEH	TEC-TEH		00035	610MF	08H-	0.11	0.37		0	<20	P 2
92	53	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1-	2.07	0.49		0	<20	P 2
94	53	C	TEC-TEH	TEC-TEH		00053	610MF	BW1-	1.93	0.30		0	<20	P 2
96	53	C	TEC-TEH	TEC-TEH		00052	610MF	BW1-	1.83	0.51		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
104	53	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+	1.86	0.57		0	<20	P 2
110	53	C	TEC-TEH	TEC-TEH		00053	610MF	BW1+	1.80	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00053	610MF	BW2+	2.00	0.37		0	<20	P 2
112	53	C	TEC-TEH	TEC-TEH		00052	610MF	BW1+	1.80	0.44		0	<20	P 2
126	53	C	TEC-TEH	TEC-TEH	10	00165	610MC	BW1-	2.07	0.39		0	<20	P 2
138	53	C	TEC-TEH	TEC-TEH	10	00191	610MC	BW1+	1.97	0.48		0	<20	P 2
140	53	C	TEC-TEH	TEC-TEH		00053	610MF	BW1+	1.75	0.43		0	<20	P 2
63	54	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+	2.00	0.33		0	<20	P 2
73	54	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.95	0.65		0	<20	P 2
75	54	H	BW1-BW1	BW1-BW1	1	00133	580AC	BW1+	1.86	1.63		0	32	P 2
79	54	C	TEC-TEH	TEC-TEH		00036	610MF	06H-	0.97	0.36		0	<20	P 2
85	54	C	TEC-TEH	TEC-TEH	8	00148	610MC	BW1-	1.91	0.26		0	<20	P 2
87	54	C	TEC-TEH	TEC-TEH		00056	610MF	BW1-	1.87	0.81		0	20	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1-	1.57	0.54		0	<20	P 2
109	54	C	TEC-TEH	TEC-TEH		00054	610MF	BW1-	1.95	0.66		0	<20	P 2
113	54	C	TEC-TEH	TEC-TEH		00054	610MF	BW1-	2.00	0.47		0	<20	P 2
115	54	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1+	2.12	0.42		0	<20	P 2
117	54	C	TEC-TEH	TEC-TEH		00054	610MF	09H+	0.35	1.58		0	31	P 2
		H	09H-09H	09H-09H	1	00132	600AC	09H+	0.35	1.34		0	25	P 2
		C	TEC-TEH	TEC-TEH		00054	610MF	BW1+	1.78	1.04		0	25	P 2
		H	BW1-BW1	BW1-BW1	1	00133	580AC	BW1+	2.02	0.96		0	24	P 2
119	54	C	TEC-TEH	TEC-TEH		00055	610MF	09H-	0.89	0.31		0	<20	P 2
121	54	C	TEC-TEH	TEC-TEH		00054	610MF	09H+	0.85	0.93		0	23	P 2
137	54	C	TEC-TEH	TEC-TEH		00054	610MF	BW1+	1.96	0.34		0	<20	P 2
139	54	C	TEC-TEH	TEC-TEH		00055	610MF	BW1+	1.75	0.93		0	26	P 2
74	55	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.78	0.52		0	<20	P 2
82	55	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.86	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+	2.00	0.60		0	<20	P 2
102	55	C	TEC-TEH	TEC-TEH		00056	610MF	08H-	1.03	0.54		0	<20	P 2
118	55	C	TEC-TEH	TEC-TEH		00056	610MF	VS6+	0.78	0.61		0	<20	P 2
120	55	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW2-	2.00	0.31		0	<20	P 2
69	56	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.97	0.33		0	<20	P 2
73	56	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.84	0.37		0	<20	P 2
83	56	C	TEC-TEH	TEC-TEH		00036	610MF	08H+	0.79	0.98		0	26	P 2
91	56	C	TEC-TEH	TEC-TEH	8	00147	610MC	08H+	0.72	0.52		0	<20	P 2
93	56	C	TEC-TEH	TEC-TEH	8	00148	610MC	07H-	0.95	0.38		0	<20	P 2
99	56	C	TEC-TEH	TEC-TEH		00058	610MF	08H+	0.08	0.59		0	<20	P 2
103	56	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	2.02	0.56		0	<20	P 2
109	56	C	TEC-TEH	TEC-TEH	8	00148	610MC	BW1-	2.15	0.48		0	<20	P 2
133	56	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	1.97	0.50		0	<20	P 2
143	56	H	TEH-TEC	TEH-TEC		00115	610MF	09H+	0.80	1.02		0	23	P 2
64	57	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+	1.99	0.20		0	<20	P 2
66	57	C	TEC-TEH	TEC-TEH		00035	610MF	BW1+	1.84	0.88		0	27	P 2
68	57	C	TEC-TEH	TEC-TEH		00036	610MF	08H+	0.89	0.56		0	<20	P 2
72	57	C	TEC-TEH	TEC-TEH		00036	610MF	VS3+	0.97	0.85		0	24	P 2
74	57	C	TEC-TEH	TEC-TEH		00035	610MF	BW1+	1.91	0.32		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
92	57	C	TEC-TEH	TEC-TEH	8	00147	610MC	BW1- 2.20	0.91		0	23	P 2
100	57	C	TEC-TEH	TEC-TEH	8	00147	610MC	08H- 0.93	0.33		0	<20	P 2
106	57	C	TEC-TEH	TEC-TEH		00057	610MF	VS5- 0.54	0.56		0	<20	P 2
112	57	H	08H-BW1	08H-BW1	1	00132	600AC	BW1- 2.00	0.23		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00132	600AC	BW1+ 1.89	0.29		0	<20	P 2
116	57	C	TEC-TEH	TEC-TEH	8	00150	610MC	BW1- 1.89	0.42		0	<20	P 2
118	57	C	TEC-TEH	TEC-TEH		00057	610MF	09H- 1.48	0.71		0	23	P 2
		C	TEC-TEH	TEC-TEH	8	00148	610MC	BW2+ 2.00	0.12		0	<20	P 2
120	57	C	TEC-TEH	TEC-TEH		00058	610MF	09H+ 0.08	0.68		0	<20	P 2
136	57	C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 2.09	0.70		0	<20	P 2
144	57	C	TEC-TEH	TSC-TEH		00067	610MF	BW1+ 2.04	0.59		0	25	P 2
1	58	C	TEC-07H	TEC-07H		00130	580MF	02C+ 0.71	0.76		0	21	P 2
71	58	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+ 1.87	0.58		0	<20	P 2
75	58	C	TEC-TEH	TEC-TEH		00036	610MF	BW1- 1.65	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	BW1+ 2.00	0.40		0	<20	P 2
77	58	C	TEC-TEH	TEC-TEH		00035	610MF	08H+ 0.81	0.70		0	23	P 2
83	58	C	TEC-TEH	TEC-TEH		00036	610MF	VS3+ 1.10	0.47		0	<20	P 2
87	58	C	TEC-TEH	TEC-TEH		00036	610MF	VS2- 1.00	1.07		0	27	P 2
101	58	C	TEC-TEH	TEC-TEH	8	00149	610MC	08H- 0.05	0.25		0	<20	P 2
103	58	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+ 2.00	0.51		0	<20	P 2
105	58	H	08H-BW1	08H-BW1	9	00156	600AC	08H+ 0.89	0.53		0	<20	P 2
		H	08H-BW1	08H-BW1	9	00156	600AC	BW1- 1.86	0.63		0	<20	P 2
107	58	C	TEC-TEH	TEC-TEH		00058	610MF	08H- 0.88	0.49		0	<20	P 2
111	58	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW1+ 2.00	0.48		0	<20	P 2
113	58	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW1- 2.18	0.14		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00149	610MC	VS2- 1.00	0.38		0	<20	P 2
115	58	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW2- 2.00	0.37		0	<20	P 2
123	58	C	TEC-TEH	TEC-TEH		00058	610MF	08H+ 0.88	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00058	610MF	09H+ 0.54	0.77		0	20	P 2
139	58	C	TEC-TEH	TEC-TEH		00058	610MF	VS3- 0.95	0.47		0	<20	P 2
143	58	C	TEC-TEH	TEC-TEH		00067	610MF	BW1- 1.72	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00190	610MC	VS5- 0.66	0.32		0	<20	P 2
74	59	C	TEC-TEH	TEC-TEH		00035	610MF	08H+ 0.94	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00035	610MF	BW1+ 1.86	0.45		0	<20	P 2
76	59	C	TEC-TEH	TEC-TEH		00036	610MF	VS3+ 0.16	0.76		0	22	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	VS3+ 1.04	1.21		0	29	P 2
		C	TEC-TEH	TEC-TEH		00036	610MF	VS5- 0.79	0.67		0	20	P 2
84	59	C	TEC-TEH	TEC-TEH		00036	610MF	06H+ 1.00	0.56		0	<20	P 2
86	59	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1- 2.00	0.24		0	<20	P 2
92	59	C	TEC-TEH	TEC-TEH		00058	610MF	VS2- 1.00	1.05		0	24	P 2
98	59	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1- 2.05	0.16		0	<20	P 2
106	59	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+ 1.93	0.33		0	<20	P 2
110	59	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1- 2.00	0.22		0	<20	P 2
112	59	C	TEC-TEH	TEC-TEH		00058	610MF	BW1- 1.86	0.44		0	<20	P 2
116	59	C	TEC-TEH	TEC-TEH	8	00159	610MC	BW1- 2.09	0.51		0	<20	P 2
118	59	C	TEC-TEH	TEC-TEH	8	00159	610MC	09H+ 0.55	0.53		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
140	59	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	1.83	0.99		0	<20	P 2
144	59	C	TEC-TEH	TEC-TEH		00068	610MF	VS5-	0.98	1.64		0	32	P 2
89	60	C	TEC-TEH	TEC-TEH		00035	610MF	08H+	0.94	0.60		0	<20	P 2
103	60	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+	2.00	0.22		0	<20	P 2
109	60	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+	1.95	0.74		0	<20	P 2
115	60	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1-	2.00	0.31		0	<20	P 2
117	60	C	TEC-TEH	TEC-TEH		00058	610MF	09H-	0.39	0.44		0	<20	P 2
121	60	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	2.00	0.47		0	<20	P 2
137	60	C	TEC-TEH	TEC-TEH	10	00190	610MC	08H+	0.90	0.26		0	<20	P 2
141	60	C	TEC-TEH	TEC-TEH		00068	610MF	08H+	0.76	0.65		0	<20	P 2
143	60	C	TEC-TEH	TEC-TEH		00067	610MF	BW1+	1.61	0.71		0	25	P 2
72	61	C	TEC-TEH	TEC-TEH		00036	610MF	VS3-	0.70	0.47		0	<20	P 2
96	61	C	TEC-TEH	TEC-TEH	8	00152	610MC	08H+	1.00	0.30		0	<20	P 2
110	61	C	TEC-TEH	TEC-TEH		00058	610MF	BW1-	1.73	0.45		0	<20	P 2
114	61	C	TEC-TEH	TEC-TEH		00058	610MF	BW1-	2.00	0.40		0	<20	P 2
118	61	C	TEC-TEH	TEC-TEH		00058	610MF	09H-	1.53	0.72		0	<20	P 2
120	61	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+	1.93	0.48		0	<20	P 2
124	61	H	08H-VS1	08H-VS1	2	00139	580AC	09H+	0.87	0.70		0	<20	P 2
		H	08H-VS1	08H-VS1	2	00139	580AC	09H+	0.89	0.17		0	<20	P 2
126	61	H	08H-VS1	08H-VS1	2	00140	580AC	VS1-	0.90	0.40		0	<20	P 2
142	61	H	09H-BW1	09H-BW1	12	00178	600AC	BW1-	1.90	0.53		0	<20	P 2
		H	09H-BW1	09H-BW1	12	00178	600AC	BW1+	1.85	0.98		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.03	0.70		0	<20	P 2
144	61	C	TEC-TEH	TEC-TEH		00068	610MF	07H-	1.01	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.00	0.46		0	<20	P 2
71	62	C	TEC-TEH	TEC-TEH		00036	610MF	VS3-	0.73	0.86		0	25	P 2
119	62	C	TEC-TEH	TEC-TEH		00058	610MF	09H-	0.90	0.61		0	<20	P 2
121	62	H	08H-VS2	08H-VS2		00064	580BC	09H-	0.13	0.43		0	<20	P 2
141	62	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.14	0.40		0	<20	P 2
143	62	C	TEC-TEH	TEC-TEH		00068	610MF	07H-	1.05	0.87		0	22	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.08	0.60		0	<20	P 2
145	62	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	1.91	0.38		0	<20	P 2
147	62	C	TEC-TEH	TEC-TEH		00068	610MF	VS1-	1.00	0.62		0	<20	P 2
149	62	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	1.60	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	BW2+	1.86	0.37		0	<20	P 2
48	63	C	TEC-TEH	TEC-TEH		00016	610MF	BW2-	1.72	0.76		0	<20	P 2
94	63	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+	2.00	0.23		0	<20	P 2
96	63	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+	1.97	0.32		0	<20	P 2
98	63	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	2.00	0.45		0	<20	P 2
104	63	C	TEC-TEH	TEC-TEH	8	00152	610MC	BW1+	2.00	0.13		0	<20	P 2
108	63	C	TEC-TEH	TEC-TEH		00057	610MF	BW1+	1.99	0.44		0	<20	P 2
110	63	C	TEC-TEH	TEC-TEH		00058	610MF	BW1+	2.00	1.24		0	27	P 2
114	63	C	TEC-TEH	TEC-TEH		00058	610MF	VS2+	0.66	1.27		0	24	P 2
124	63	H	08H-VS1	08H-VS1		00064	580BC	09H-	0.10	0.82		0	<20	P 2
134	63	H	BW1-VS1	BW1-VS1	1	00133	580AC	VS1+	0.73	0.40		0	<20	P 2
1	64	C	TEC-07H	TEC-07H		00130	580MF	02C-	0.17	1.13		0	27	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
93	64	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+ 2.00	0.33			0	<20	P 2
97	64	C	TEC-TEH	TEC-TEH		00059	610MF	BW1+ 1.83	0.36			0	<20	P 2
107	64	C	TEC-TEH	TEC-TEH		00060	610MF	BW2+ 1.48	1.01			0	23	P 2
111	64	C	TEC-TEH	TEC-TEH	10	00167	610MC	BW1+ 2.00	0.44			0	<20	P 2
117	64	C	TEC-TEH	TEC-TEH	10	00166	610MC	BW1- 1.79	0.23			0	<20	P 2
123	64	H	08H-VS1	08H-VS1		00064	580BC	BW1+ 1.93	0.51			0	<20	P 2
125	64	C	TEC-TEH	TEC-TEH	10	00166	610MC	09H+ 1.00	0.34			0	<20	P 2
		H	08H-VS1	08H-VS1		00064	580BC	BW1- 2.06	0.26			0	<20	P 2
127	64	H	08H-VS1	08H-VS1		00064	580BC	VS1+ 0.73	0.38			0	<20	P 2
141	64	C	TEC-TEH	TEC-TEH		00068	610MF	VS3+ 0.32	0.94			0	24	P 2
147	64	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+ 2.02	0.43			0	<20	P 2
102	65	C	TEC-TEH	TEC-TEH	8	00151	610MC	08H+ 1.00	0.28			0	<20	P 2
118	65	C	TEC-TEH	TEC-TEH		00060	610MF	09H- 1.76	0.54			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00060	610MF	BW1- 2.01	0.79			0	<20	P 2
122	65	H	08H-VS1	08H-VS1		00064	580BC	09H- 0.98	0.45			0	<20	P 2
126	65	H	08H-VS1	08H-VS1	2	00140	580AC	08H- 0.16	0.24			0	<20	P 2
		H	08H-VS1	08H-VS1	2	00140	580AC	BW1+ 1.51	0.21			0	<20	P 2
130	65	C	TEC-TEH	TEC-TEH		00059	610MF	09H+ 0.75	0.23			0	<20	P 2
99	66	C	TEC-TEH	TEC-TEH	8	00152	610MC	BW1+ 2.00	0.43			0	<20	P 2
111	66	C	TEC-TEH	TEC-TEH	10	00167	610MC	VS2- 1.00	0.52			0	<20	P 2
117	66	C	TEC-TEH	TEC-TEH		00062	610MF	09H- 1.23	0.80			0	20	P 2
121	66	C	TEC-TEH	TEC-TEH		00062	610MF	09H- 0.03	0.60			0	<20	P 2
		H	08H-VS2	08H-VS2		00065	580BC	09H- 0.02	1.58			0	20	P 2
123	66	H	08H-VS1	08H-VS1		00064	580BC	BW1+ 1.82	0.73			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00062	610MF	BW1+ 1.92	1.23			0	27	P 2
129	66	H	08H-VS1	08H-VS1		00064	580BC	09H+ 0.87	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00166	610MC	09H+ 1.00	0.43			0	<20	P 2
135	66	C	TEC-TEH	TEC-TEH		00060	610MF	09H+ 1.29	0.38			0	<20	P 2
139	66	C	TEC-TEH	TEC-TEH		00060	610MF	BW1+ 1.90	0.54			0	<20	P 2
149	66	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+ 2.16	0.16			0	<20	P 2
151	66	C	TEC-TEH	TEC-TEH		00070	610MF	BW2+ 1.97	0.59			0	<20	P 2
58	67	C	TEC-TEH	TEC-TEH		00037	610MF	VS5- 0.66	0.33			0	<20	P 2
98	67	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+ 2.00	0.33			0	<20	P 2
102	67	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+ 2.00	0.41			0	<20	P 2
106	67	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW2+ 1.99	0.21			0	<20	P 2
110	67	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+ 2.03	0.48			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS2- 0.82	0.75			0	23	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS5+ 0.73	0.66			0	21	P 2
122	67	C	TEC-TEH	TEC-TEH	10	00166	610MC	BW1- 1.60	0.27			0	<20	P 2
124	67	H	08H-VS1	08H-VS1		00064	580BC	09H- 0.09	0.38			0	<20	P 2
		H	08H-VS1	08H-VS1		00064	580BC	09H+ 1.00	0.82			0	<20	P 2
128	67	C	TEC-TEH	TEC-TEH		00062	610MF	BW1- 2.11	0.54			0	<20	P 2
		H	08H-VS1	08H-VS1		00062	580BC	BW1- 1.91	0.51			0	<20	P 2
91	68	C	TEC-TEH	TEC-TEH	8	00152	610MC	BW1+ 2.00	0.25			0	<20	P 2
103	68	C	TEC-TEH	TEC-TEH	8	00151	610MC	BW1+ 2.00	0.48			0	<20	P 2
105	68	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW2- 2.00	0.76			0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
109	68	C	TEC-TEH	TEC-TEH		00062	610MF	BW1+	1.54	0.79		0	<20	P 2
117	68	C	TEC-TEH	TEC-TEH	10	00166	610MC	09H-	0.95	0.27		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00166	610MC	09H+	1.00	0.33		0	<20	P 2
121	68	H	08H-VS2	08H-VS2	2	00139	580AC	09H-	0.64	0.66		0	<20	P 2
		H	08H-VS2	08H-VS2	2	00139	580AC	09H+	0.74	0.55		0	<20	P 2
123	68	H	08H-VS1	08H-VS1		00062	580BC	BW1+	1.47	1.66		0	27	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	BW1+	2.03	0.97		0	26	P 2
125	68	C	TEC-TEH	TEC-TEH		00062	610MF	BW1+	1.64	0.76		0	20	P 2
		H	08H-VS1	08H-VS1		00063	580BC	BW1+	1.79	0.93		0	<20	P 2
145	68	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	2.00	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS7+	0.77	0.48		0	<20	P 2
149	68	C	TEC-TEH	TEC-TEH		00069	610MF	09H-	1.02	0.66		0	<20	P 2
66	69	C	TEC-TEH	TEC-TEH		00037	610MF	BW1+	1.67	0.38		0	<20	P 2
98	69	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW1+	2.00	0.32		0	<20	P 2
106	69	C	TEC-TEH	TEC-TEH		00061	610MF	BW1+	2.00	0.27		0	<20	P 2
114	69	H	TEH-TEC	TEH-TEC		00173	610MC	BW1-	1.87	0.43		0	<20	P 2
120	69	C	TEC-TEH	TEC-TEH		00062	610MF	BW1+	1.98	0.77		0	<20	P 2
126	69	H	08H-VS1	08H-VS1		00063	580BC	BW1-	2.19	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00166	610MC	BW1-	2.00	0.16		0	<20	P 2
138	69	C	TEC-TEH	TEC-TEH	10	00191	610MC	BW1+	1.89	0.73		0	<20	P 2
144	69	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.06	0.31		0	<20	P 2
146	69	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.73	0.46		0	<20	P 2
148	69	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	1.97	1.04		0	25	P 2
152	69	C	TEC-TEH	TEC-TEH		00070	610MF	VS1-	0.88	0.89		0	<20	P 2
91	70	C	TEC-TEH	TEC-TEH	8	00149	610MC	BW1-	1.93	0.17		0	<20	P 2
111	70	C	TEC-TEH	TEC-TEH	10	00167	610MC	BW1-	1.87	0.27		0	<20	P 2
117	70	C	TEC-TEH	TEC-TEH		00062	610MF	09H-	0.96	1.05		0	23	P 2
123	70	H	08H-VS1	08H-VS1		00062	580BC	09H-	0.89	0.58		0	<20	P 2
127	70	H	08H-VS1	08H-VS1		00062	580BC	BW1-	2.00	0.75		0	<20	P 2
151	70	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	1.75	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00190	610MC	01C-	0.74	1.09	116	0	<20	P 1
153	70	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.13	0.42		0	<20	P 2
76	71	C	TEC-TEH	TEC-TEH		00038	610MF	VS5-	0.72	0.47		0	<20	P 2
94	71	C	TEC-TEH	TEC-TEH		00061	610MF	VS5+	0.68	0.71		0	22	P 2
122	71	C	TEC-TEH	TEC-TEH		00061	610MF	VS1-	0.81	0.69		0	21	P 2
124	71	C	TEC-TEH	TEC-TEH		00062	610MF	BW1+	1.78	1.03		0	23	P 2
126	71	C	TEC-TEH	TEC-TEH		00061	610MF	BW1-	2.01	0.47		0	<20	P 2
130	71	C	TEC-TEH	TEC-TEH		00061	610MF	VS1-	0.50	0.78		0	23	P 2
148	71	H	08H-VS1	08H-VS1		00050	580BC	VS1-	0.91	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.71	0.38		0	<20	P 2
		H	08H-VS1	08H-VS1		00050	580BC	VS1+	0.74	1.03		0	20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS1+	0.77	1.10		0	29	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS5-	0.09	0.60		0	<20	P 2
150	71	H	08H-VS1	08H-VS1		00049	580BC	09H-	1.10	1.11		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	09H-	0.98	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	VS1+	0.37	0.40		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
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LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
154	71	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	1.93	1.00		0	25	P 2
		H	BW1-BW1	BW1-BW1	1	00133	580AC	BW1+	2.06	1.13		0	27	P 2
115	72	C	TEC-TEH	TEC-TEH		00061	610MF	BW1+	1.78	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00167	610MC	BW2-	2.00	0.96		0	24	P 2
117	72	C	TEC-TEH	TEC-TEH		00062	610MF	09H-	1.27	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00062	610MF	09H+	1.07	1.05		0	23	P 2
123	72	C	TEC-TEH	TEC-TEH		00061	610MF	BW1+	1.78	0.71		0	22	P 2
141	72	C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.77	0.53		0	<20	P 2
		H	08H-VS1	08H-VS1		00049	580BC	VS1-	0.10	0.63		0	<20	P 2
143	72	H	08H-VS1	08H-VS1		00049	580BC	VS1-	0.76	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	VS1-	0.73	1.10		0	26	P 2
145	72	C	TEC-TEH	TEC-TEH		00069	610MF	VS7-	0.86	0.40		0	<20	P 2
147	72	H	08H-09H	08H-09H	12	00176	580AC	09H+	0.75	0.27		0	<20	P 2
149	72	H	08H-VS1	08H-VS1		00049	580BC	09H+	0.97	1.08		0	<20	P 2
		H	08H-VS1	08H-VS1		00049	580BC	VS1-	0.19	0.40		0	<20	P 2
153	72	C	TEC-TEH	TEC-TEH	10	00191	610MC	BW2+	1.96	0.35		0	<20	P 2
130	73	C	TEC-TEH	TEC-TEH		00062	610MF	09H-	0.83	1.05		0	23	P 2
152	73	C	TEC-TEH	TEC-TEH		00069	610MF	VS7+	0.59	0.63		0	<20	P 2
117	74	C	TEC-TEH	TEC-TEH		00062	610MF	09H+	1.31	0.96		0	22	P 2
119	74	C	TEC-TEH	TEC-TEH		00061	610MF	09H+	0.03	0.39		0	<20	P 2
121	74	C	TEC-TEH	TEC-TEH		00062	610MF	VS2+	1.01	0.65		0	<20	P 2
125	74	C	TEC-TEH	TEC-TEH		00062	610MF	09H-	0.15	0.67		0	<20	P 2
147	74	H	08H-VS1	08H-VS1		00051	580BC	09H-	1.00	0.67		0	<20	P 2
149	74	C	TEC-TEH	TEC-TEH		00069	610MF	08H-	0.11	0.39		0	<20	P 2
151	74	C	TEC-TEH	TEC-TEH		00070	610MF	09H-	0.97	0.37		0	<20	P 2
155	74	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.55		0	<20	P 2
134	75	C	TEC-TEH	TEC-TEH		00062	610MF	08H+	0.70	0.36		0	<20	P 2
140	75	C	TEC-TEH	TEC-TEH		00061	610MF	VS3-	0.67	1.47		0	34	P 2
		C	TEC-TEH	TEC-TEH		00061	610MF	VS5+	0.26	0.54		0	<20	P 2
150	75	H	08H-VS1	08H-VS1		00056	580BC	09H-	0.96	0.48		0	<20	P 2
37	76	C	TEC-TEH	TEC-TEH		00017	610MF	VS4+	0.79	0.66		0	<20	P 2
107	76	C	TEC-TEH	TEC-TEH		00061	610MF	BW1+	1.87	0.50		0	<20	P 2
131	76	C	TEC-TEH	TEC-TEH		00061	610MF	09H+	0.81	0.32		0	<20	P 2
149	76	H	08H-VS1	08H-VS1		00051	580BC	BW1-	1.89	1.19		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	BW1-	1.89	0.23		0	<20	P 2
		H	08H-VS1	08H-VS1		00051	580BC	BW1+	1.96	0.91		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	2.04	0.43		0	<20	P 2
153	76	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	2.19	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS3+	0.89	0.63		0	<20	P 2
155	76	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	06C+	0.30	1.20		0	28	P 2
74	77	C	TEC-TEH	TEC-TEH		00038	610MF	VS3+	0.86	1.43		0	27	P 2
120	77	C	TEC-TEH	TEC-TEH	10	00167	610MC	VS5+	0.80	0.26		0	<20	P 2
130	77	C	TEC-TEH	TEC-TEH		00061	610MF	BW1-	2.00	0.62		0	<20	P 2
140	77	C	TEC-TEH	TEC-TEH		00063	610MF	BW1+	2.00	0.42		0	<20	P 2
146	77	C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.65	0.46		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
154	77	C	TEC-TEH	TEC-TEH		00069	610MF	BW2+ 2.00	0.54			0	<20	P 2
156	77	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+ 2.07	0.49			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	BW2+ 1.98	0.67			0	<20	P 2
33	78	C	TEC-TEH	TEC-TEH	3	00176	610MS	BW1+ 2.00	0.70			0	23	P 2
53	78	C	TEC-TEH	TEC-TEH	3	00176	610MS	BW1+ 1.66	0.21			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00044	610MF	BW2+ 1.60	0.60			0	<20	P 2
107	78	C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1- 2.00	0.16			0	<20	P 2
109	78	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.00	0.32			0	<20	P 2
113	78	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.00	0.46			0	<20	P 2
117	78	C	TEC-TEH	TEC-TEH		00068	610MF	09H- 1.01	0.96			0	24	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	09H+ 0.91	1.17			0	27	P 2
119	78	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.00	0.54			0	<20	P 2
121	78	C	TEC-TEH	TEC-TEH		00044	610MF	BW1+ 2.00	0.42			0	<20	P 2
123	78	C	TEC-TEH	TEC-TEH	3	00177	610MS	08H+ 0.95	0.27			0	<20	P 2
133	78	C	TEC-TEH	TEC-TEH		00044	610MF	BW1- 2.00	0.95			0	25	P 2
147	78	H	08H-VS1	08H-VS1		00056	580BC	BW1+ 1.79	0.66			0	<20	P 2
149	78	H	08H-VS1	08H-VS1		00056	580BC	BW1+ 1.41	0.62			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 2.19	0.33			0	<20	P 2
153	78	C	TEC-TEH	TEC-TEH		00041	610MF	BW1+ 1.81	0.98			0	23	P 2
140	79	H	08H-VS1	08H-VS1		00058	580BC	BW1+ 1.78	0.37			0	<20	P 2
142	79	C	TEC-TEH	TEC-TEH		00069	610MF	VS1+ 0.74	0.89			0	23	P 2
		H	08H-VS1	08H-VS1		00058	580BC	VS1+ 0.81	0.71			0	<20	P 2
146	79	H	08H-VS1	08H-VS1		00056	580BC	BW1+ 1.52	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	BW1+ 1.94	0.32			0	<20	P 2
148	79	H	08H-VS1	08H-VS1		00056	580BC	BW1+ 2.18	0.53			0	<20	P 2
150	79	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+ 2.00	0.19			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS1+ 0.59	0.44			0	<20	P 2
154	79	C	TEC-TEH	TEC-TEH		00069	610MF	09H+ 0.76	0.66			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	BW1+ 2.04	0.16			0	<20	P 2
35	80	C	TEC-TEH	TEC-TEH		00017	610MF	VS4- 0.65	0.32			0	<20	P 2
107	80	C	TEC-TEH	TEC-TEH		00064	610MF	VS3+ 0.74	0.69			0	20	P 2
111	80	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.66	0.39			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW2+ 1.96	0.26			0	<20	P 2
117	80	H	09H-09H	09H-09H	1	00128	600AC	09H- 1.34	1.74			0	28	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H- 1.09	1.23			0	31	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.92	0.69			0	21	P 2
		H	09H-09H	09H-09H	1	00128	600AC	09H+ 1.51	1.58			0	26	P 2
121	80	C	TEC-TEH	TEC-TEH		00063	610MF	BW1+ 1.88	0.32			0	<20	P 2
127	80	C	TEC-TEH	TEC-TEH		00064	610MF	09H+ 0.75	0.34			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1- 2.11	0.25			0	<20	P 2
131	80	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.92	1.16			0	27	P 2
135	80	C	TEC-TEH	TEC-TEH		00064	610MF	09H+ 0.77	1.24			0	33	P 2
		H	BW1-VS1	BW1-VS1	1	00129	580AC	BW1+ 1.62	1.49			0	30	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.96	0.61			0	22	P 2
		H	BW1-VS1	BW1-VS1	1	00129	580AC	BW1+ 5.32	0.94			.27	SVI	P 2
39	80	H	09H-BW1	09H-VS1	12	00180	580AC	09H- 0.41	0.35			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
141	80	C	TEC-TEH	TEC-TEH		00070	610MF	09H-	0.97	0.39		0	<20	P 2
151	80	C	TEC-TEH	TEC-TEH		00069	610MF	09H+	0.68	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00042	610MF	09H+	0.81	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00042	610MF	VS1-	0.67	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.62	0.56		0	<20	P 2
153	80	C	TEC-TEH	TEC-TEH		00070	610MF	09H-	1.13	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	09H-	0.94	0.28		0	<20	P 2
155	80	C	TEC-TEH	TSC-TEH		00042	610MF	VS7-	0.89	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS7-	0.88	0.69		0	<20	P 2
157	80	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.99	0.78		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	BW1+	2.03	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS7-	0.95	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00041	610MF	VS7-	0.78	0.63		0	<20	P 2
110	81	C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1-	1.74	0.58		0	<20	P 2
118	81	C	TEC-TEH	TEC-TEH		00063	610MF	BW1-	1.78	0.43		0	<20	P 2
120	81	C	TEC-TEH	TEC-TEH		00064	610MF	BW1-	1.89	0.25		0	<20	P 2
124	81	C	TEC-TEH	TEC-TEH		00064	610MF	09H+	0.70	0.77		0	21	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	2.06	0.37		0	<20	P 2
126	81	C	TEC-TEH	TEC-TEH	10	00169	610MC	08H-	0.20	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1+	1.97	0.90		0	<20	P 2
134	81	C	TEC-TEH	TEC-TEH		00063	610MF	BW1-	2.17	0.37		0	<20	P 2
136	81	C	TEC-TEH	TEC-TEH		00064	610MF	BW1-	2.05	0.93		0	24	P 2
138	81	C	TEC-TEH	TEC-TEH		00063	610MF	BW1-	1.81	1.96		0	38	P 2
142	81	C	TEC-TEH	TEC-TEH		00069	610MF	BW1-	1.79	1.20		0	28	P 2
152	81	C	TEC-TEH	TEC-TEH		00070	610MF	09H-	1.00	0.55		0	<20	P 2
154	81	C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.73	1.43		0	31	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS1+	0.88	0.43		0	<20	P 2
156	81	H	TEH-TEC	TEH-TEC		00179	610MC	BW1+	1.85	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	VS1-	0.84	0.84		0	22	P 2
67	82	C	TEC-TEH	TEC-TEH		00040	610MF	BW2-	2.03	0.46		0	<20	P 2
71	82	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+	2.00	0.23		0	<20	P 2
107	82	C	TEC-TEH	TEC-TEH		00063	610MF	BW1+	1.78	0.29		0	<20	P 2
111	82	C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1+	1.92	0.17		0	<20	P 2
113	82	C	TEC-TEH	TEC-TEH		00064	610MF	BW1-	1.94	0.59		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	1.97	0.69		0	20	P 2
117	82	C	TEC-TEH	TEC-TEH		00064	610MF	09H-	0.94	1.43		0	30	P 2
119	82	C	TEC-TEH	TEC-TEH		00063	610MF	08H+	0.72	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H-	0.93	0.42		0	<20	P 2
121	82	H	BW1-BW1	BW1-BW1	12	00167	600AC	BW1+	1.95	0.50		0	<20	P 2
131	82	H	TEH-TEC	TEH-TEC		00179	610MC	BW1-	2.00	0.47		0	<20	P 2
147	82	C	TEC-TEH	TEC-TEH		00069	610MF	VS3+	0.77	0.47		0	<20	P 2
149	82	C	TEC-TEH	TEC-TEH		00070	610MF	VS5+	0.71	0.59		0	<20	P 2
153	82	C	TEC-TEH	TEC-TEH		00070	610MF	09H-	0.82	0.49		0	<20	P 2
155	82	C	TEC-TEH	TEC-TEH		00069	610MF	VS1-	0.73	0.54		0	<20	P 2
157	82	C	TEC-TEH	TEC-TEH		00070	610MF	VS3+	0.97	1.25		0	28	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	VS7+	0.70	1.20		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
34	83	H	TEH-01H	TEH-TSH	1	00027	600BC	TEH+ 22.60	0.34		.33	SAI	1	
110	83	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.90	0.77		0	21	P 2	
112	83	C	TEC-TEH	TEC-TEH	10	00168	610MC	BW1+ 1.99	0.15		0	<20	P 2	
130	83	H	BW1-VS1	BW1-BW1	1	00132	600AC	BW1- 2.90	0.20		.16	SVI	P 2	
		H	BW1-VS1	BW1-BW1	1	00132	600AC	BW1- 2.32	0.32		.20	SVI	P 2	
		H	BW1-VS1	BW1-BW1	1	00132	600AC	BW1- 0.70	0.37		.20	SVI	P 2	
		H	BW1-VS1	BW1-BW1	1	00132	600AC	BW1- 0.01	0.53		.25	SVI	P 2	
		H	BW1-VS1	BW1-VS1	1	00129	580AC	BW1+ 4.71	0.86		.22	SVI	P 2	
152	83	C	TEC-TEH	TEC-TEH		00071	610MF	VS3- 0.78	1.06		0	31	P 2	
156	83	C	TEC-TEH	TEC-TEH	10	00198	610MC	09H+ 1.01	0.37		0	<20	P 2	
		C	TEC-TEH	TEC-TEH	10	00198	610MC	VS5+ 0.89	0.18		0	<20	P 2	
158	83	C	TEC-TEH	TEC-TEH	10	00197	610MC	06H+ 0.72	0.17		0	<20	P 2	
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.77	0.62		0	21	P 2	
		C	TEC-TEH	TEC-TEH		00071	610MF	VS5+ 0.71	0.69		0	22	P 2	
77	84	C	TEC-TEH	TEC-TEH		00039	610MF	07C- 0.82	0.44		0	<20	P 2	
111	84	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.99	0.30		0	<20	P 2	
117	84	C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.62	0.53		0	<20	P 2	
127	84	H	TEH-TEC	TEH-TEC		00116	610MF	09H- 0.12	0.75		0	20	P 2	
131	84	C	TEC-TEH	TEC-TEH		00064	610MF	09H+ 0.30	0.45		0	<20	P 2	
137	84	C	TEC-TEH	TEC-TEH		00063	610MF	09H- 0.11	0.51		0	<20	P 2	
141	84	C	TEC-TEH	TEC-TEH		00071	610MF	VS3+ 0.88	0.67		0	24	P 2	
143	84	C	TEC-TEH	TEC-TEH		00072	610MF	09H+ 0.79	0.87		0	23	P 2	
145	84	C	TEC-TEH	TEC-TEH	10	00197	610MC	BW1+ 1.91	0.44		0	<20	P 2	
155	84	C	TEC-TEH	TEC-TEH		00072	610MF	09H+ 0.63	1.37		0	30	P 2	
		C	TEC-TEH	TEC-TEH	10	00198	610MC	BW2+ 1.85	0.37		0	<20	P 2	
157	84	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.94	1.13		0	32	P 2	
106	85	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.71	0.32		0	<20	P 2	
110	85	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 2.00	1.20		0	28	P 2	
		C	TEC-TEH	TEC-TEH		00064	610MF	BW2+ 2.00	0.55		0	<20	P 2	
112	85	C	TEC-TEH	TEC-TEH	10	00168	610MC	BW1+ 1.94	0.51		0	<20	P 2	
122	85	C	TEC-TEH	TEC-TEH		00064	610MF	08H- 0.17	0.43		0	<20	P 2	
158	85	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.94	0.92		0	28	P 2	
111	86	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 2.00	0.45		0	<20	P 2	
113	86	C	TEC-TEH	TEC-TEH		00063	610MF	BW1+ 1.88	0.48		0	<20	P 2	
115	86	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+ 1.91	0.39		0	<20	P 2	
117	86	C	TEC-TEH	TEC-TEH		00063	610MF	09H- 1.10	0.91		0	26	P 2	
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.70	1.31		0	32	P 2	
119	86	C	TEC-TEH	TEC-TEH		00064	610MF	08H+ 0.74	0.57		0	<20	P 2	
129	86	C	TEC-TEH	TEC-TEH		00063	610MF	09H+ 0.00	0.30		0	<20	P 2	
135	86	C	TEC-TEH	TEC-TEH	10	00197	610MC	09H- 0.99	0.21		0	<20	P 2	
145	86	C	TEC-TEH	TEC-TEH		00071	610MF	09C+ 0.52	0.67		0	24	P 2	
151	86	C	TEC-TEH	TEC-TSH	10	00197	610MC	BW1+ 1.94	0.21		0	<20	P 2	
153	86	C	TEC-TEH	TEC-TEH	10	00197	610MC	BW2- 2.00	0.37		0	<20	P 2	
155	86	C	TEC-TEH	TEC-TEH		00072	610MF	BW1+ 2.00	1.36		0	29	P 2	
157	86	C	TEC-TEH	TEC-TEH	10	00197	610MC	BW1+ 2.00	0.21		0	<20	P 2	
		C	TEC-TEH	TEC-TEH		00071	610MF	VS7+ 0.80	0.65		0	23	P 2	

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
102	87	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	2.00	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	VS3+	0.12	0.43		0	<20	P 2
112	87	C	TEC-TEH	TEC-TEH	10	00168	610MC	BW1+	2.09	0.19		0	<20	P 2
114	87	C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	2.14	0.51		0	<20	P 2
118	87	C	TEC-TEH	TEC-TEH		00064	610MF	08H+	0.80	0.72		0	20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1-	1.95	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00064	610MF	BW1+	1.86	0.42		0	<20	P 2
124	87	C	TEC-TEH	TEC-TEH		00063	610MF	09H-	0.22	0.91		0	26	P 2
		H	09H-BW1	08H-BW1	1	00128	600AC	09H-	0.20	1.58		0	27	P 2
		H	09H-BW1	08H-BW1	1	00128	600AC	09H+	0.69	1.12		0	22	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H+	0.70	0.64		0	20	P 2
134	87	C	TEC-TEH	TEC-TEH	10	00193	610MC	BW1-	2.00	0.29		0	<20	P 2
136	87	C	TEC-TEH	TEC-TEH	10	00194	610MC	BW1-	2.00	0.32		0	<20	P 2
138	87	C	TEC-TEH	TEC-TEH		00064	610MF	BW1-	1.96	0.37		0	<20	P 2
140	87	C	TEC-TEH	TEC-TEH		00063	610MF	BW1+	2.00	0.21		0	<20	P 2
144	87	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.83	0.29		0	<20	P 2
146	87	C	TEC-TEH	TEC-TEH		00071	610MF	09H+	0.82	0.39		0	<20	P 2
148	87	C	TEC-TEH	TEC-TEH		00071	610MF	VS1-	0.78	0.44		0	<20	P 2
154	87	C	TEC-TEH	TEC-TEH	10	00197	610MC	09H-	0.95	0.70		0	20	P 2
81	88	C	TEC-TEH	TEC-TEH		00039	610MF	08H-	0.74	0.33		0	<20	P 2
111	88	H	BW1-BW1	BW1-BW1	12	00169	600AC	BW1+	1.90	0.40		0	<20	P 2
113	88	C	TEC-TEH	TEC-TEH	10	00169	610MC	BW2+	2.00	0.26		0	<20	P 2
115	88	H	BW1-BW1	BW1-BW1	12	00169	600AC	BW1-	1.85	0.44		0	<20	P 2
		H	BW1-BW1	BW1-BW1	12	00169	600AC	BW1+	1.56	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1+	1.78	0.57		0	<20	P 2
		H	BW1-BW1	BW1-BW1	12	00169	600AC	BW1+	1.89	0.16		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00169	610MC	BW2+	1.72	0.27		0	<20	P 2
117	88	C	TEC-TEH	TEC-TEH		00063	610MF	08H+	0.98	0.72		0	22	P 2
		C	TEC-TEH	TEC-TEH		00063	610MF	09H-	0.95	1.34		0	32	P 2
123	88	C	TEC-TEH	TEC-TEH	10	00169	610MC	BW2+	1.92	0.59		0	<20	P 2
131	88	C	TEC-TEH	TEC-TEH	10	00194	610MC	BW1+	2.00	0.32		0	<20	P 2
143	88	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.96	0.62		0	21	P 2
145	88	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.94	0.84		0	26	P 2
147	88	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	2.02	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.88	0.66		0	22	P 2
151	88	H	BW1-VS1	BW1-VS1	1	00129	580AC	BW1+	3.28	0.27		.17	SVI	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2+	2.00	0.44		0	<20	P 2
153	88	C	TEC-TEH	TEC-TEH	10	00195	610MC	BW1+	2.00	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00194	610MC	BW1+	2.04	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS5+	0.63	0.43		0	<20	P 2
155	88	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.81	0.67		0	24	P 2
76	89	C	TEC-TEH	TEC-TEH		00040	610MF	BW2-	2.00	0.33		0	<20	P 2
116	89	C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1-	2.04	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1+	1.80	0.16		0	<20	P 2
124	89	C	TEC-TEH	TEC-TEH	10	00169	610MC	09H+	0.88	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00169	610MC	BW1+	1.78	0.55		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
130	89	C	TEC-TEH	TEC-TEH		00064	610MF	VS5- 0.70	0.65			0	<20	P 2
142	89	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 2.06	0.51			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS1+ 0.64	0.36			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS3- 0.93	0.72			0	23	P 2
146	89	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.80	0.39			0	<20	P 2
148	89	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.93	0.75			0	25	P 2
150	89	C	TEC-TEH	TEC-TEH		00071	610MF	VS1- 1.04	0.70			0	20	P 2
152	89	C	TEC-TEH	TEC-TEH		00071	610MF	VS1- 1.10	0.79			0	<20	P 2
		H	BW1-VS1	BW1-VS1	12	00180	580AC	VS1- 1.04	0.91			0	<20	P 2
154	89	C	TEC-TEH	TEC-TEH		00071	610MF	09H- 0.91	0.74			0	20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	09H+ 0.66	0.24			0	<20	P 2
156	89	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 2.00	0.43			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS7- 0.81	0.43			0	<20	P 2
158	89	C	TEC-TEH	TEC-TEH		00071	610MF	VS3+ 0.81	0.88			0	27	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS5+ 0.78	0.33			0	<20	P 2
115	90	C	TEC-TEH	TEC-TEH		00066	610MF	VS6- 0.73	0.62			0	20	P 2
117	90	C	TEC-TEH	TEC-TEH		00065	610MF	08H- 0.22	0.23			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	09H- 1.31	0.50			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	09H+ 1.06	0.92			0	27	P 2
125	90	C	TEC-TEH	TEC-TEH		00065	610MF	BW2+ 1.84	0.32			0	<20	P 2
127	90	C	TEC-TEH	TEC-TEH	10	00169	610MC	09H+ 0.78	0.22			0	<20	P 2
129	90	C	TEC-TEH	TEC-TEH	10	00168	610MC	09H+ 0.93	0.25			0	<20	P 2
131	90	C	TEC-TEH	TEC-TEH	10	00193	610MC	09H- 0.95	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00193	610MC	09H+ 0.78	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00066	610MF	BW1+ 1.83	0.47			0	<20	P 2
145	90	C	TEC-TEH	TEC-TEH		00071	610MF	09H+ 0.85	0.54			0	20	P 2
		C	TEC-TEH	TEC-TEH	10	00195	610MC	BW1+ 1.85	0.46			0	<20	P 2
147	90	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.96	0.43			0	<20	P 2
149	90	C	TEC-TEH	TEC-TEH		00071	610MF	09H+ 0.66	0.64			0	21	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.86	0.46			0	<20	P 2
155	90	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.97	0.76			0	20	P 2
159	90	C	TEC-TEH	TEC-TEH		00071	610MF	VS3+ 0.80	1.30			0	29	P 2
116	91	C	TEC-TEH	TEC-TEH	10	00168	610MC	VS3+ 0.88	0.27			0	<20	P 2
126	91	H	TEH-TEC	TEH-TEC		00173	610MC	BW1+ 1.84	0.19			0	<20	P 2
132	91	C	TEC-TEH	TEC-TEH		00065	610MF	BW1+ 1.72	0.52			0	<20	P 2
142	91	H	08H-VS1	08H-VS1		00058	580BC	BW1+ 2.10	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	VS1+ 0.79	0.92			0	23	P 2
		H	08H-VS1	08H-VS1		00058	580BC	VS1+ 0.92	1.16			0	<20	P 2
146	91	H	08H-VS1	08H-VS1		00058	580BC	BW1- 2.02	0.83			0	<20	P 2
148	91	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 2.11	0.29			0	<20	P 2
		H	08H-VS1	08H-VS1		00058	580BC	BW1- 2.01	0.68			0	<20	P 2
		H	08H-VS1	08H-VS1		00058	580BC	BW1+ 1.68	0.92			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.76	0.64			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2+ 2.08	0.93			0	<20	P 2
150	91	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.99	0.55			0	<20	P 2
		H	08H-VS1	08H-VS1		00058	580BC	BW1- 1.89	0.57			0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
154	91	C	TEC-TEH	TEC-TEH	10	00195	610MC	09H-	1.05	0.38		0	<20	P 2
156	91	C	TEC-TEH	TEC-TEH	10	00195	610MC	BW2+	1.85	0.38		0	<20	P 2
158	91	C	TEC-TEH	TEC-TEH		00073	610MF	09H+	0.72	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS1-	0.98	0.82		0	24	P 2
		C	TEC-TEH	TEC-TEH	10	00195	610MC	VS3+	1.10	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00195	610MC	VS5+	1.16	0.20		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS7-	0.66	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS7+	0.95	1.00		0	21	P 2
		C	TEC-TEH	TEC-TEH	10	00195	610MC	BW2+	1.85	0.14		0	<20	P 2
117	92	C	TEC-TEH	TEC-TEH		00065	610MF	09H-	0.23	0.74		0	24	P 2
129	92	C	TEC-TEH	TEC-TEH		00065	610MF	09H+	0.82	0.40		0	<20	P 2
131	92	C	TEC-TEH	TEC-TEH	10	00193	610MC	BW1+	1.95	0.44		0	<20	P 2
141	92	C	TEC-TEH	TEC-TEH		00073	610MF	VS1+	0.63	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS3+	0.95	0.81		0	23	P 2
143	92	H	08H-VS1	08H-VS1		00053	580BC	VS1+	0.80	0.95		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00074	610MF	VS1+	0.97	0.60		0	<20	P 2
145	92	H	08H-VS1	08H-VS1		00058	580BC	09H+	0.67	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00195	610MC	BW1-	1.89	0.20		0	<20	P 2
147	92	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	1.94	0.56		0	<20	P 2
		H	08H-VS1	08H-VS1		00053	580BC	BW1+	1.95	1.29		0	<20	P 2
149	92	H	08H-VS1	08H-VS1		00058	580BC	09H-	0.94	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	09H-	0.94	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS3-	0.82	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS7+	0.85	0.69		0	<20	P 2
153	92	C	TEC-TEH	TEC-TEH	10	00195	610MC	09H-	0.96	0.11		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS5+	0.78	0.58		0	<20	P 2
159	92	C	TEC-TEH	TEC-TEH	10	00195	610MC	VS3+	0.79	0.49		0	<20	P 2
76	93	C	TEC-TEH	TEC-TEH		00042	610MF	VS5-	0.82	0.45		0	<20	P 2
108	93	C	TEC-TEH	TEC-TEH		00065	610MF	BW1+	1.88	0.63		0	21	P 2
116	93	C	TEC-TEH	TEC-TEH	10	00170	610MC	09H-	0.28	0.38		0	<20	P 2
126	93	H	TEH-TEC	TEH-TEC		00116	610MF	BW1-	1.97	0.80		0	21	P 2
130	93	H	TEH-TEC	TEH-TEC		00116	610MF	BW1+	2.00	0.56		0	<20	P 2
132	93	C	TEC-TEH	TSC-TEH		00065	610MF	BW1+	2.00	1.34		0	33	P 2
		H	TSC-TEC	TEH-TEC		00116	610MF	BW1+	2.00	1.11		0	27	P 2
136	93	C	TEC-TEH	TEC-TEH		00065	610MF	09H+	0.72	0.53		0	<20	P 2
142	93	C	TEC-TEH	TEC-TEH		00073	610MF	VS1+	0.78	0.53		0	<20	P 2
146	93	H	08H-VS1	08H-VS1		00061	580BC	09H-	0.90	0.77		0	<20	P 2
154	93	C	TEC-TEH	TEC-TEH		00073	610MF	09H+	0.75	0.82		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	BW1+	1.72	0.82		0	23	P 2
156	93	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	1.97	0.34		0	<20	P 2
158	93	C	TEC-TEH	TEC-TEH	10	00195	610MC	BW1+	1.94	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	BW2-	1.75	0.91		0	<20	P 2
39	94	C	TEC-TEH	TEC-TEH		00119	610MF	BW1-	1.94	0.47		0	<20	P 2
85	94	C	TEC-TEH	TEC-TEH		00042	610MF	VS3+	0.75	0.67		0	21	P 2
109	94	C	TEC-TEH	TEC-TEH		00065	610MF	VS3-	0.83	0.63		0	21	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	VS3+	0.83	0.26		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
109	94	C	TEC-TEH	TEC-TEH		00065	610MF	VS5+ 1.00	0.57			0	<20	P 2
121	94	C	TEC-TEH	TEC-TEH		00065	610MF	08H- 0.19	0.26			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00170	610MC	BW1+ 1.96	0.36			0	<20	P 2
123	94	C	TEC-TEH	TEC-TEH		00066	610MF	BW1+ 2.08	0.60			0	20	P 2
125	94	H	BW1-BW1	BW1-BW1	1	00129	580AC	BW1+ 1.86	1.03			0	24	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	BW1+ 2.00	0.34			0	<20	P 2
135	94	C	TEC-TEH	TEC-TEH	10	00193	610MC	BW1- 1.89	0.55			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00116	610MF	BW1+ 2.00	1.26			0	29	P 2
139	94	C	TEC-TEH	TEC-TEH	10	00193	610MC	BW1- 1.88	0.35			0	<20	P 2
145	94	C	TEC-TEH	TEC-TEH		00073	610MF	09H+ 0.61	0.70			0	<20	P 2
		H	08H-VS1	08H-VS1		00053	580BC	09H+ 0.74	0.65			0	<20	P 2
147	94	H	08H-VS1	08H-VS1		00061	580BC	BW1+ 0.89	1.08			0	<20	P 2
155	94	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+ 1.78	0.88			0	22	P 2
54	95	C	TEC-TEH	TEC-TEH		00119	610MF	VS5- 0.84	0.43			0	<20	P 2
116	95	C	TEC-TEH	TEC-TEH	10	00170	610MC	09H+ 1.40	0.41			0	<20	P 2
120	95	C	TEC-TEH	TEC-TEH		00066	610MF	BW1+ 2.11	0.64			0	21	P 2
126	95	C	TEC-TEH	TEC-TEH		00065	610MF	09H- 0.92	0.42			0	<20	P 2
136	95	C	TEC-TEH	TEC-TEH		00065	610MF	BW1- 1.73	1.47			0	35	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	BW1+ 1.85	0.26			0	<20	P 2
138	95	C	TEC-TEH	TEC-TEH		00066	610MF	BW1- 1.77	1.64			0	31	P 2
		C	TEC-TEH	TEC-TEH	10	00192	610MC	BW1+ 2.00	0.74			0	20	P 2
140	95	H	08H-VS1	08H-VS1		00053	580BC	09H- 1.00	1.30			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00065	610MF	09H- 0.89	0.24			0	<20	P 2
		H	08H-VS1	08H-VS1		00053	580BC	BW1+ 1.85	0.90			0	<20	P 2
142	95	H	08H-VS1	08H-VS1		00072	580BC	BW1- 2.00	0.61			0	<20	P 2
148	95	C	TEC-TEH	TEC-TEH	10	00196	610MC	09H+ 0.75	0.24			0	<20	P 2
154	95	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+ 2.01	0.51			0	<20	P 2
156	95	C	TEC-TEH	TEC-TEH		00073	610MF	BW1+ 1.97	0.24			0	<20	P 2
39	96	C	TEC-TEH	TEC-TEH		00121	610MF	BW1- 2.01	1.17			0	28	P 2
41	96	C	TEC-TEH	TEC-TEH		00121	610MF	VS4- 0.93	0.69			0	20	P 2
115	96	C	TEC-TEH	TEC-TEH		00093	610MF	08H+ 0.78	0.45			0	<20	P 2
117	96	C	TEC-TEH	TEC-TEH		00094	610MF	09H+ 0.78	0.28			0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00129	580AC	BW1+ 0.12	0.84			0	21	P 2
119	96	C	TEC-TEH	TEC-TEH		00093	610MF	BW1+ 2.00	1.13			0	26	P 2
121	96	C	TEC-TEH	TEC-TEH		00094	610MF	BW1- 2.00	0.53			0	<20	P 2
123	96	C	TEC-TEH	TEC-TEH		00093	610MF	08H- 0.22	0.49			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00093	610MF	09H+ 0.77	0.78			0	<20	P 2
133	96	H	BW1-BW1	BW1-BW1	12	00176	580AC	BW1+ 0.47	0.50			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00094	610MF	BW1+ 2.00	0.43			0	<20	P 2
		H	BW1-BW1	BW1-BW1	12	00176	580AC	BW1+ 2.00	0.66			0	<20	P 2
137	96	C	TEC-TEH	TEC-TEH		00094	610MF	BW1- 2.00	0.51			0	<20	P 2
149	96	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.90	0.39			0	<20	P 2
		H	08H-VS1	08H-VS1		00059	580BC	BW1+ 1.91	0.88			0	<20	P 2
151	96	C	TEC-TEH	TEC-TEH		00076	610MF	09H+ 0.61	0.96			0	20	P 2
157	96	C	TEC-TEH	TEC-TEH		00074	610MF	08C- 1.00	0.75			0	<20	P 2
22	97	C	TEC-TEH	TEC-TEH		00094	610MF	09H- 0.71	0.36			0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
150	97	H	08H-VS1	08H-VS1	2	00145	580AC	09H-	0.84	0.30		0	<20	P 2
		H	08H-VS1	08H-VS1		00060	580BC	09H+	0.76	0.94		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	09H+	0.90	0.77		0	23	P 2
156	97	C	TEC-TEH	TEC-TEH		00075	610MF	BW2-	1.59	0.56		0	<20	P 2
158	97	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.97	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS1-	0.75	0.41		0	<20	P 2
59	98	C	TEC-TEH	TEC-TEH		00118	610MF	VS5-	0.63	0.23		0	<20	P 2
115	98	C	TEC-TEH	TEC-TEH		00098	610MF	BW2+	1.99	0.46		0	<20	P 2
117	98	C	TEC-TEH	TEC-TEH		00097	610MF	09H+	0.55	0.50		0	<20	P 2
119	98	C	TEC-TEH	TEC-TEH		00098	610MF	07H-	0.98	0.41		0	<20	P 2
131	98	C	TEC-TEH	TEC-TEH		00098	610MF	BW1+	2.00	0.32		0	<20	P 2
137	98	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	1.88	0.67		0	<20	P 2
147	98	C	TEC-TEH	TEC-TEH		00076	610MF	09H-	0.98	0.85		0	<20	P 2
		H	08H-VS1	08H-VS1		00061	580BC	09H-	0.77	0.92		0	<20	P 2
		H	08H-VS1	08H-VS1		00061	580BC	09H+	0.75	0.42		0	<20	P 2
149	98	C	TEC-TEH	TEC-TEH		00075	610MF	09H+	0.71	0.92		0	23	P 2
		H	08H-VS1	08H-VS1		00060	580BC	09H+	0.75	0.66		0	<20	P 2
153	98	C	TEC-TEH	TEC-TEH		00075	610MF	09H+	0.68	0.70		0	<20	P 2
155	98	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.92	0.79		0	23	P 2
157	98	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.60	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	1.90	0.47		0	<20	P 2
159	98	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	1.80	0.45		0	<20	P 2
42	99	C	TEC-TEH	TEC-TEH		00121	610MF	BW1-	1.96	0.53		0	<20	P 2
104	99	C	TEC-TEH	TEC-TEH		00098	610MF	BW2+	1.40	0.57		0	<20	P 2
110	99	C	TEC-TEH	TEC-TEH	10	00171	610MC	BW1-	1.96	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00171	610MC	BW1+	1.81	0.27		0	<20	P 2
118	99	C	TEC-TEH	TEC-TEH		00097	610MF	08H+	0.81	0.85		0	22	P 2
148	99	H	08H-VS1	08H-VS1		00063	580BC	08H-	0.73	0.82		0	<20	P 2
		H	08H-VS1	08H-VS1		00063	580BC	08H+	0.88	0.32		0	<20	P 2
		H	08H-VS1	08H-VS1		00063	580BC	09H+	0.63	1.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	09H+	1.00	0.34		0	<20	P 2
		H	08H-VS1	08H-VS1		00063	580BC	BW1+	1.38	1.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.00	0.97		0	26	P 2
150	99	H	08H-VS1	08H-VS1		00062	580BC	09H-	0.33	0.33		0	<20	P 2
154	99	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	2.00	0.73		0	<20	P 2
156	99	C	TEC-TEH	TEC-TEH		00076	610MF	08H-	0.92	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.00	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS7-	0.82	0.37		0	<20	P 2
158	99	C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	2.00	0.51		0	<20	P 2
37	100	C	TEC-TEH	TEC-TEH		00121	610MF	BW1-	1.92	0.74		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00121	610MF	BW2-	1.97	0.96		0	23	P 2
63	100	C	TEC-TEH	TEC-TEH		00117	610MF	04C+	6.85	1.49	148	<20	1	
81	100	C	TEC-TEH	TEC-TEH		00115	610MF	BW2+	2.00	0.48		0	<20	P 2
101	100	C	TEC-TEH	TEC-TEH		00098	610MF	VS3-	0.61	0.48		0	<20	P 2
117	100	C	TEC-TEH	TEC-TEH		00098	610MF	08H+	0.94	0.94		0	23	P 2
		C	TEC-TEH	TEC-TEH		00098	610MF	08C-	0.69	0.43		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
119	100	H	09H-BW1	09H-BW1	12	00169	600AC	09H-	0.76	0.31		0	<20	P 2
137	100	C	TEC-TEH	TEC-TEH		00098	610MF	09H+	0.94	0.66		0	21	P 2
141	100	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+	2.05	0.32		0	<20	P 2
143	100	C	TEC-TEH	TEC-TEH		00076	610MF	09H+	1.00	0.79		0	23	P 2
151	100	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.99	0.52		0	<20	P 2
159	100	C	TEC-TEH	TEC-TEH	10	00188	610MC	09H+	0.96	0.18		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	1.88	0.60		0	<20	P 2
38	101	H	TEH-TEC	TEH-TEC		00100	610MF	VS4+	0.91	0.30		0	<20	P 2
130	101	H	08H-VS1	08H-VS1		00037	580BC	08H+	0.00	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00189	610MC	09H+	0.75	0.25		0	<20	P 2
132	101	H	08H-VS1	08H-VS1		00038	580BC	BW1+	2.15	0.42		0	<20	P 2
134	101	C	TEC-TEH	TEC-TEH		00097	610MF	VS1+	0.51	0.72		0	<20	P 2
		H	08H-VS1	08H-VS1		00037	580BC	VS1+	0.73	0.89		0	<20	P 2
136	101	C	TEC-TEH	TEC-TEH		00098	610MF	09H+	0.98	0.24		0	<20	P 2
		H	08H-VS1	08H-VS1		00038	580BC	BW1+	2.09	0.38		0	<20	P 2
140	101	H	08H-VS1	09H-VS1		00038	580BC	BW1+	1.85	0.79		0	<20	P 2
154	101	C	TEC-TEH	TEC-TEH		00076	610MF	08H-	1.00	0.41		0	<20	P 2
158	101	C	TEC-TEH	TEC-TEH		00076	610MF	09H+	0.80	0.81		0	<20	P 2
113	102	C	TEC-TEH	TEC-TEH		00098	610MF	BW1+	1.96	0.32		0	<20	P 2
131	102	C	TEC-TEH	TEC-TEH	10	00188	610MC	VS1+	0.75	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00188	610MC	BW2+	2.00	0.17		0	<20	P 2
137	102	C	TEC-TEH	TEC-TEH	10	00189	610MC	09H+	0.89	0.27		0	<20	P 2
		H	08H-VS1	08H-VS1		00072	580BC	09H+	0.98	0.73		0	<20	P 2
139	102	H	08H-VS1	08H-VS1		00037	580BC	BW1+	2.00	0.56		0	<20	P 2
141	102	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	1.75	0.68		0	<20	P 2
143	102	C	TEC-TEH	TEC-TEH		00076	610MF	VS3+	1.00	0.97		0	26	P 2
149	102	C	TEC-TEH	TEC-TEH		00075	610MF	09H+	0.63	0.51		0	<20	P 2
157	102	C	TEC-TEH	TEC-TEH		00076	610MF	08H-	1.00	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	09H+	1.00	0.61		0	<20	P 2
159	102	C	TEC-TEH	TEC-TEH		00074	610MF	BW1+	2.01	0.49		0	<20	P 2
114	103	C	TEC-TEH	TSC-TEH		00097	610MF	BW1+	1.57	0.41		0	<20	P 2
		H	TSC-TEC	TEH-TEC		00120	610MF	BW1+	1.95	0.60		0	<20	P 2
118	103	C	TEC-TEH	TEC-TEH		00097	610MF	BW2+	2.00	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00181	610MC	BW2+	2.00	0.48		0	<20	P 2
122	103	C	TEC-TEH	TEC-TEH		00097	610MF	09H-	0.63	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00097	610MF	09H-	0.14	0.50		0	<20	P 2
130	103	H	08H-VS1	08H-VS1		00039	580BC	09H-	0.86	1.08		0	<20	P 2
132	103	H	08H-VS1	08H-VS1		00039	580BC	BW1+	1.79	1.30		0	<20	P 2
134	103	H	08H-VS1	08H-VS1		00040	580BC	BW1+	1.80	1.83		0	26	P 2
		C	TEC-TEH	TEC-TEH		00097	610MF	BW1+	1.99	1.11		0	26	P 2
136	103	H	08H-VS1	08H-VS1		00039	580BC	09H+	0.59	0.72		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00098	610MF	09H+	0.90	0.32		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00098	610MF	VS1+	0.95	0.53		0	<20	P 2
138	103	H	08H-VS1	08H-VS1		00037	580BC	BW1-	2.00	1.18		0	<20	P 2
144	103	C	TEC-TEH	TEC-TEH		00075	610MF	VS1+	0.79	0.82		0	21	P 2
146	103	C	TEC-TEH	TEC-TEH		00076	610MF	VS1+	1.00	0.81		0	24	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
150	103	C	TEC-TEH	TEC-TEH		00076	610MF	VS1- 1.00	0.42			0	<20	P 2
154	103	C	TEC-TEH	TEC-TEH		00076	610MF	VS3- 1.02	0.50			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS3+ 1.00	0.63			0	20	P 2
156	103	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.84	0.47			0	<20	P 2
113	104	C	TEC-TEH	TEC-TEH		00098	610MF	BW2+ 1.94	0.32			0	<20	P 2
115	104	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1- 2.02	0.61			0	<20	P 2
119	104	C	TEC-TEH	TEC-TEH		00097	610MF	08H+ 0.74	0.59			0	<20	P 2
123	104	C	TEC-TEH	TEC-TEH		00097	610MF	09H+ 0.74	1.14			0	27	P 2
125	104	C	TEC-TEH	TEC-TEH		00098	610MF	BW1+ 2.11	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00098	610MF	VS5- 0.60	0.52			0	<20	P 2
127	104	C	TEC-TEH	TEC-TEH		00097	610MF	BW1+ 1.94	0.81			0	21	P 2
129	104	C	TEC-TEH	TEC-TEH		00098	610MF	BW1- 1.97	0.51			0	<20	P 2
133	104	H	08H-VS1	08H-VS1		00039	580BC	BW1- 2.25	1.03			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00098	610MF	BW1- 2.01	0.55			0	<20	P 2
135	104	H	08H-VS1	08H-VS1		00040	580BC	BW1- 2.10	2.10			0	29	P 2
		C	TEC-TEH	TEC-TEH		00097	610MF	BW1- 1.96	1.12			0	26	P 2
137	104	H	08H-VS1	08H-VS1		00039	580BC	BW1+ 1.93	0.76			0	<20	P 2
139	104	C	TEC-TEH	TEC-TEH	10	00188	610MC	09H+ 0.77	0.25			0	<20	P 2
143	104	C	TEC-TEH	TEC-TEH		00076	610MF	VS1- 1.00	1.25			0	24	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS1+ 1.00	1.33			0	25	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS3- 0.14	1.27			0	25	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS3+ 1.00	1.36			0	26	P 2
149	104	C	TEC-TEH	TEC-TEH	10	00189	610MC	VS1- 0.82	0.43			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	VS1+ 0.76	0.78			0	24	P 2
151	104	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 2.05	0.29			0	<20	P 2
153	104	C	TEC-TEH	TEC-TEH		00075	610MF	09H+ 0.88	0.37			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	VS1+ 0.70	0.41			0	<20	P 2
155	104	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 2.00	0.57			0	<20	P 2
66	105	C	TEC-TEH	TEC-TEH		00113	610MF	BW1+ 2.00	0.72			0	20	P 2
70	105	C	TEC-TEH	TEC-TEH		00113	610MF	BW1+ 2.00	0.70			0	<20	P 2
106	105	C	TEC-TEH	TEC-TEH		00096	610MF	VS3- 0.60	0.85			0	24	P 2
		C	TEC-TEH	TEC-TEH		00096	610MF	VS5+ 0.03	0.77			0	23	P 2
		C	TEC-TEH	TEC-TEH		00096	610MF	VS5+ 0.79	1.09			0	28	P 2
114	105	H	BW1-BW1	BW1-BW1	12	00171	600AC	BW1- 1.87	0.15			0	<20	P 2
		H	BW1-BW1	BW1-BW1	12	00171	600AC	BW1+ 1.23	0.41			0	<20	P 2
116	105	C	TEC-TEH	TEC-TEH		00098	610MF	BW2+ 1.94	0.35			0	<20	P 2
126	105	C	TEC-TEH	TEC-TEH		00097	610MF	VS5- 0.61	0.66			0	<20	P 2
128	105	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+ 1.88	0.36			0	<20	P 2
130	105	C	TEC-TEH	TEC-TEH		00097	610MF	VS1- 0.14	0.59			0	<20	P 2
134	105	C	TEC-TEH	TEC-TEH	10	00189	610MC	09H+ 0.81	0.70			0	<20	P 2
		H	08H-VS1	08H-VS1		00039	580BC	09H+ 0.92	0.98			0	<20	P 2
		H	08H-VS1	08H-VS1		00039	580BC	BW1- 2.02	1.16			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00097	610MF	BW1- 1.81	0.26			0	<20	P 2
136	105	C	TEC-TEH	TEC-TEH		00098	610MF	BW1- 1.93	0.68			0	<20	P 2
		H	08H-VS1	08H-VS1		00040	580BC	BW1- 1.77	1.44			0	21	P 2
		H	08H-VS1	08H-VS1		00040	580BC	BW1+ 1.87	1.15			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

PAGE: 28 OF 57
DATE: 06/15/94
TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
138	105	H	08H-VS1	08H-VS1		00039	580BC	09H+ 0.72	0.75			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00189	610MC	09H+ 0.89	0.54			0	<20	P 2
		H	08H-VS1	08H-VS1		00039	580BC	BW1- 2.09	0.79			0	<20	P 2
140	105	C	TEC-TEH	TEC-TEH		00097	610MF	VS1+ 0.81	0.59			0	<20	P 2
		H	08H-VS1	08H-VS1		00040	580BC	VS1+ 0.94	0.84			0	<20	P 2
144	105	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.86	0.55			0	<20	P 2
146	105	C	TEC-TEH	TEC-TEH		00076	610MF	VS1+ 0.77	1.11			0	26	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS5- 0.97	0.33			0	<20	P 2
148	105	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.96	0.33			0	<20	P 2
150	105	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1- 1.95	0.57			0	<20	P 2
154	105	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+ 1.95	0.43			0	<20	P 2
158	105	C	TEC-TEH	TEC-TEH		00076	610MF	VS3+ 0.84	0.34			0	<20	P 2
121	106	C	TEC-TEH	TEC-TEH		00096	610MF	09H- 0.87	0.34			0	<20	P 2
125	106	C	TEC-TEH	TEC-TEH		00096	610MF	09H+ 0.16	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00096	610MF	09H+ 0.90	0.63			0	21	P 2
133	106	H	08H-VS1	08H-VS1		00040	580BC	09H+ 0.86	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00096	610MF	09H+ 0.96	0.35			0	<20	P 2
135	106	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1- 2.00	0.29			0	<20	P 2
137	106	H	08H-VS1	08H-VS1		00040	580BC	BW1- 2.06	1.05			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00096	610MF	BW1- 2.00	0.83			0	25	P 2
139	106	H	08H-VS1	08H-VS1		00039	580BC	09H- 0.47	0.66			0	<20	P 2
		H	08H-VS1	08H-VS1		00039	580BC	09H+ 0.72	0.61			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00189	610MC	VS5+ 0.62	0.49			0	<20	P 2
143	106	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW2- 1.80	0.49			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW2+ 0.97	0.88			0	24	P 2
145	106	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 2.00	0.25			0	<20	P 2
147	106	C	TEC-TEH	TEC-TEH		00076	610MF	BW1- 2.01	0.38			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 2.21	0.69			0	<20	P 2
149	106	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.97	0.46			0	<20	P 2
151	106	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1- 2.01	0.51			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+ 1.95	0.48			0	<20	P 2
153	106	H	08H-VS1	BW1-VS1	12	00185	580AC	BW1- 1.90	0.78			0	<20	P 2
155	106	C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+ 1.94	0.62			0	<20	P 2
		H	09H-BW1	09H-BW1	12	00176	580AC	BW1+ 1.99	0.32			0	<20	P 2
		H	09H-BW1	09H-BW1	12	00176	580AC	09H+ 37.23	0.58			.41	SVI	P 2
36	107	H	TEH-TEC	TEH-TEC		00100	610MF	VS4+ 0.87	0.57			0	<20	P 2
86	107	C	TEC-TEH	TEC-TEH		00113	610MF	VS3- 0.92	0.41			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MF	VS3+ 0.75	1.67			0	33	P 2
100	107	C	TEC-TEH	TEC-TEH		00096	610MF	05C- 0.78	0.35			0	<20	P 2
116	107	C	TEC-TEH	TEC-TEH		00096	610MF	09H+ 1.26	0.79			0	23	P 2
122	107	C	TEC-TEH	TEC-TEH	10	00181	610MC	08H+ 0.94	0.49			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00095	610MF	09H- 0.10	0.44			0	<20	P 2
126	107	C	TEC-TEH	TEC-TEH		00095	610MF	09H- 0.94	0.22			0	<20	P 2
130	107	H	08H-VS1	08H-VS1		00039	580BC	09H- 1.23	1.11			0	<20	P 2
132	107	C	TEC-TEH	TEC-TEH		00096	610MF	VS1- 0.76	0.25			0	<20	P 2
142	107	C	TEC-TEH	TEC-TEH	10	00189	610MC	VS1+ 0.86	0.84			0	21	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:48:53

ROW	LIN		LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
				PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
150	107		C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1-	1.85	0.56		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00076	610MF	VS3+	1.00	0.63		0	20	P 2
152	107		C	TEC-TEH	TEC-TEH		00075	610MF	BW1-	1.84	0.55		0	<20	P 2
154	107		C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1-	1.89	0.25		0	<20	P 2
31	108		H	TEH-TEC	TEH-TEC		00098	610MF	BW1-	2.00	0.41		0	<20	P 2
47	108		H	TEH-TEC	TEH-TEC		00098	610MF	BW2-	1.86	0.83		0	<20	P 2
113	108		C	TEC-TEH	TEC-TEH		00093	610MF	BW1+	2.00	0.33		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00094	610MF	BW1+	2.00	0.50		0	<20	P 2
131	108		H	08H-VS1	08H-VS1		00040	580BC	09H+	0.77	0.99		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00092	610MF	09H+	0.84	1.36		0	32	P 2
135	108		H	08H-VS1	08H-VS1		00040	580BC	09H+	0.58	0.52		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00092	610MF	09H+	0.79	0.49		0	<20	P 2
			H	08H-VS1	08H-VS1		00040	580BC	VS1-	0.87	0.66		0	<20	P 2
			C	TEC-TEH	TEC-TEH	10	00189	610MC	VS1-	0.83	0.22		0	<20	P 2
145	108		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+	1.80	0.30		0	<20	P 2
147	108		C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	1.92	0.46		0	<20	P 2
151	108		C	TEC-TEH	TEC-TEH		00076	610MF	09H+	0.08	0.40		0	<20	P 2
			C	TEC-TEH	TEC-TEH	10	00189	610MC	09H+	0.86	0.57		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00076	610MF	VS1-	0.73	0.53		0	<20	P 2
157	108		C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	1.97	0.57		0	<20	P 2
124	109		C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+	2.21	0.34		0	<20	P 2
126	109		C	TEC-TEH	TEC-TEH		00092	610MF	BW1+	1.70	0.21		0	<20	P 2
132	109		H	08H-VS1	08H-VS1		00042	580BC	BW1+	1.41	0.57		0	<20	P 2
			C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	1.95	0.32		0	<20	P 2
140	109		H	08H-VS1	08H-VS1		00040	580BC	09H+	1.04	0.52		0	<20	P 2
			H	08H-VS1	08H-VS1		00040	580BC	BW1-	2.17	0.72		0	<20	P 2
148	109		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.00	0.29		0	<20	P 2
150	109		C	TEC-TEH	TEC-TEH		00075	610MF	09H+	0.65	0.48		0	<20	P 2
152	109		C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	2.00	0.30		0	<20	P 2
154	109		C	TEC-TEH	TEC-TEH		00075	610MF	09H+	0.96	0.78		0	<20	P 2
			C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	1.90	0.72		0	<20	P 2
156	109		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.91	0.81		0	20	P 2
			C	TEC-TEH	TEC-TEH		00076	610MF	VS5-	1.00	0.52		0	<20	P 2
37	110		H	TEH-TEC	TEH-TEC		00098	610MF	VS4-	0.82	0.35		0	<20	P 2
117	110		C	TEC-TEH	TEC-TEH		00092	610MF	BW2+	2.00	0.53		0	<20	P 2
123	110		C	TEC-TEH	TEC-TEH		00092	610MF	09H-	1.02	0.32		0	<20	P 2
133	110		C	TEC-TEH	TEC-TEH		00092	610MF	09C-	0.97	0.23		0	<20	P 2
139	110		C	TEC-TEH	TEC-TEH	10	00189	610MC	BW1+	1.94	0.37		0	<20	P 2
151	110		C	TEC-TEH	TEC-TEH		00076	610MF	09H-	0.96	0.44		0	<20	P 2
			C	TEC-TEH	TEC-TEH	10	00189	610MC	BW2-	1.81	0.59		0	<20	P 2
155	110		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.04	0.71		0	<20	P 2
118	111		C	TEC-TEH	TEC-TEH		00092	610MF	BW2+	1.73	0.61		0	<20	P 2
132	111		C	TEC-TEH	TEC-TEH		00092	610MF	VS3+	0.67	0.50		0	<20	P 2
134	111		C	TEC-TEH	TEC-TEH	10	00189	610MC	VS3+	0.56	0.55		0	<20	P 2
142	111		C	TEC-TEH	TEC-TEH		00075	610MF	VS1+	0.91	2.02		0	36	P 2
144	111		C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	1.97	0.17		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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TIME: 09:48:53

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
154	111	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+	1.87	0.75		0	24	P 2
115	112	C	TEC-TEH	TEC-TEH		00090	610MF	BW2+	2.00	0.48		0	<20	P 2
117	112	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.96	0.55		0	<20	P 2
123	112	C	TEC-TEH	TEC-TEH		00090	610MF	09H+	0.80	0.54		0	20	P 2
143	112	H	BW1-VS1	BW1-VS1	1	00129	580AC	VS1-	0.93	0.19		0	<20	P 2
145	112	C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1-	1.98	0.17		0	<20	P 2
151	112	C	TEC-TEH	TEC-TEH		00075	610MF	BW1-	1.87	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	VS3+	0.96	1.60		0	36	P 2
157	112	C	TEC-TEH	TEC-TEH	10	00188	610MC	BW1+	1.91	0.13		0	<20	P 2
36	113	H	TEH-TEC	TEH-TEC		00098	610MF	BW1+	2.00	0.55		0	<20	P 2
46	113	H	TEH-TEC	TEH-TEC		00097	610MF	BW1+	2.00	0.45		0	<20	P 2
114	113	C	TEC-TEH	TEC-TEH		00090	610MF	VS2-	0.85	0.31		0	<20	P 2
116	113	C	TEC-TEH	TEC-TEH		00089	610MF	09H+	0.50	0.44		0	<20	P 2
118	113	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	1.93	0.39		0	<20	P 2
120	113	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+	1.98	0.34		0	<20	P 2
134	113	C	TEC-TEH	TEC-TEH		00090	610MF	VS1+	0.80	0.79		0	25	P 2
		C	TEC-TEH	TEC-TEH	10	00187	610MC	VS3+	0.84	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00187	610MC	BW2+	1.99	0.46		0	<20	P 2
136	113	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.97	0.29		0	<20	P 2
38	113	C	TEC-TEH	TEC-TEH		00090	610MF	09H+	0.77	0.28		0	<20	P 2
40	113	C	TEC-TEH	TEC-TEH		00089	610MF	BW2+	1.89	0.46		0	<20	P 2
150	113	C	TEC-TEH	TEC-TEH		00075	610MF	09H-	0.82	0.26		0	<20	P 2
152	113	C	TEC-TEH	TEC-TEH		00076	610MF	VS1-	0.91	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS3-	1.00	1.10		0	25	P 2
		C	TEC-TEH	TEC-TEH	10	00188	610MC	VS5+	0.75	0.46		0	<20	P 2
156	113	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.00	0.51		0	<20	P 2
35	114	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW2-	1.94	0.52		0	<20	P 2
83	114	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW2+	1.87	0.46		0	<20	P 2
91	114	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW2+	1.87	0.23		0	<20	P 2
117	114	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.04	0.72		0	20	P 2
121	114	C	TEC-TEH	TEC-TEH		00050	610MF	09H+	0.82	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00050	610MF	BW2-	1.31	0.36		0	<20	P 2
131	114	H	TEH-TEC	TEH-TEC		00173	610MC	BW1-	1.86	0.48		0	<20	P 2
135	114	C	TEC-TEH	TEC-TEH		00051	610MF	BW1+	1.71	1.78		0	38	P 2
139	114	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW1-	1.90	0.40		0	<20	P 2
60	115	C	TEC-TEH	TEC-TEH		00114	610MF	VS5+	0.84	0.60		0	<20	P 2
110	115	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	2.00	0.22		0	<20	P 2
116	115	C	TEC-TEH	TEC-TEH		00089	610MF	09H-	0.63	0.33		0	<20	P 2
118	115	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	2.01	0.63		0	<20	P 2
122	115	C	TEC-TEH	TEC-TEH		00090	610MF	VS1-	0.90	0.66		0	22	P 2
126	115	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1-	2.00	0.35		0	<20	P 2
128	115	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+	1.90	0.28		0	<20	P 2
132	115	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+	1.84	0.22		0	<20	P 2
136	115	C	TEC-TEH	TEC-TEH		00089	610MF	BW1-	2.10	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.93	0.57		0	<20	P 2
52	115	C	TEC-TEH	TEC-TEH	10	00186	610MC	VS1-	0.64	0.45		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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TIME: 09:48:53

ROW	LIN	LEG	EXAM	EXTENT	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
152	115	C	TEC-TEH	TEC-TEH	10	00186	610MC	VS1+	0.75	0.56			0	<20	P 2
109	116	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	1.94	0.40			0	<20	P 2
111	116	C	TEC-TEH	TEC-TEH		00089	610MF	BW1-	1.93	0.42			0	<20	P 2
117	116	C	TEC-TEH	TEC-TEH		00090	610MF	09H-	0.89	0.97			0	25	P 2
123	116	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	2.01	0.74			0	21	P 2
133	116	C	TEC-TEH	TEC-TEH		00090	610MF	BW1-	1.72	0.99			0	24	P 2
143	116	H	BW1-VS1	BW1-VS1	12	00175	580AC	VS1-	0.71	0.28			0	<20	P 2
155	116	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.82	0.58			0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00129	580AC	BW1+	1.85	0.18			0	<20	P 2
112	117	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+	1.85	0.20			0	<20	P 2
124	117	C	TEC-TEH	TSC-TEH		00090	610MF	09H+	0.83	0.43			0	<20	P 2
		H	09H-BW1	09H-BW1	12	00171	600AC	09H+	0.87	1.12			0	25	P 2
		H	09H-BW1	09H-BW1	12	00171	600AC	BW1-	1.21	0.28			0	<20	P 2
132	117	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	2.00	0.57			0	<20	P 2
134	117	C	TEC-TEH	TEC-TEH	10	00187	610MC	08H+	0.68	0.66			0	<20	P 2
		H	BW1-BW1	BW1-BW1	12	00175	580AC	BW1+	0.54	0.63			0	<20	P 2
136	117	H	TSC-TEC	TEH-TEC		00120	610MF	BW1+	1.95	0.89			0	25	P 2
		C	TEC-TEH	TSC-TEH		00090	610MF	BW1+	2.00	0.71			0	23	P 2
150	117	C	TEC-TEH	TEC-TEH		00077	610MF	BW1-	1.98	0.56			0	21	P 2
39	118	H	TEH-TEC	TEH-TEC		00097	610MF	BW2+	1.78	0.67			0	<20	P 2
119	118	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.95	0.57			0	<20	P 2
123	118	C	TEC-TEH	TEC-TEH		00089	610MF	09H+	1.01	0.53			0	<20	P 2
125	118	H	BW1-BW1	BW1-BW1	12	00171	600AC	BW1+	0.15	0.32			0	<20	P 2
131	118	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.94	0.70			0	22	P 2
		C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	2.08	0.62			0	<20	P 2
133	118	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.98	1.31			0	30	P 2
		C	TEC-TEH	TEC-TEH		00090	610MF	BW1+	1.99	1.44			0	31	P 2
151	118	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+	1.90	0.43			0	<20	P 2
153	118	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW2+	1.51	0.24			0	<20	P 2
100	119	C	TEC-TEH	TEC-TEH		00089	610MF	VS3+	0.82	1.10			0	27	P 2
108	119	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.78	0.87			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00089	610MF	BW2+	1.93	0.64			0	<20	P 2
118	119	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1-	1.98	0.35			0	<20	P 2
124	119	C	TEC-TEH	TEC-TEH		00089	610MF	09H+	1.02	0.99			0	28	P 2
128	119	C	TEC-TEH	TEC-TEH		00089	610MF	BW1+	1.86	0.50			0	<20	P 2
150	119	C	TEC-TEH	TEC-TEH		00077	610MF	VS7+	0.83	1.80			0	38	P 2
23	120	H	TEH-TEC	TEH-TEC		00096	610MF	BW1+	1.60	0.50			0	<20	P 2
47	120	H	TEH-TEC	TEH-TEC		00096	610MF	VS4-	0.78	0.55			0	<20	P 2
107	120	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1+	2.00	0.33			0	<20	P 2
113	120	C	TEC-TEH	TEC-TEH		00089	610MF	BW2+	1.97	0.75			0	23	P 2
117	120	C	TEC-TEH	TEC-TEH		00089	610MF	09H-	1.08	0.70			0	<20	P 2
119	120	H	TEH-TEC	TEH-TEC		00120	610MF	BW1+	2.00	0.28			0	<20	P 2
121	120	C	TEC-TEH	TEC-TEH	10	00180	610MC	VS5-	0.79	0.22			0	<20	P 2
133	120	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+	1.88	0.26			0	<20	P 2
145	120	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+	2.07	0.58			0	<20	P 2
149	120	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+	2.03	0.66			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
TAG DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
151	120	C	TEC-TEH	TEC-TEH		00077	610MF	09H+ 0.70	0.41			0	<20	P 2
28	121	H	TEH-TEC	TEH-TEC		00095	610MF	BW1- 1.97	0.67			0	<20	P 2
110	121	C	TEC-TEH	TEC-TEH	8	00157	610MC	BW1+ 2.00	0.61			0	<20	P 2
114	121	C	TEC-TEH	TEC-TEH		00090	610MF	BW1+ 1.83	0.56			0	<20	P 2
120	121	C	TEC-TEH	TEC-TEH	10	00180	610MC	09H+ 0.69	0.25			0	<20	P 2
132	121	C	TEC-TEH	TEC-TEH		00089	610MF	VS1+ 0.43	0.46			0	<20	P 2
134	121	C	TEC-TEH	TEC-TEH		00090	610MF	VS1+ 0.93	0.44			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00090	610MF	VS5- 0.71	0.42			0	<20	P 2
138	121	C	TEC-TEH	TEC-TEH		00090	610MF	09H- 0.68	0.39			0	<20	P 2
152	121	C	TEC-TEH	TEC-TEH		00077	610MF	04C- 0.72	0.49			0	<20	P 2
37	122	H	TEH-TEC	TEH-TEC		00095	610MF	VS4+ 0.54	0.35			0	<20	P 2
49	122	H	TEH-TEC	TEH-TEC		00095	610MF	VS4- 0.87	0.31			0	<20	P 2
71	122	C	TEC-TEH	TEC-TEH		00109	610MF	BW1+ 2.00	0.39			0	<20	P 2
109	122	C	TEC-TEH	TEC-TEH	8	00157	610MC	BW1+ 2.14	0.49			0	<20	P 2
111	122	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1+ 1.84	0.55			0	<20	P 2
117	122	C	TEC-TEH	TEC-TEH		00087	610MF	09H- 0.93	0.85			0	24	P 2
127	122	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW2- 2.12	0.23			0	<20	P 2
137	122	C	TEC-TEH	TEC-TEH		00087	610MF	VS1- 0.42	0.60			0	<20	P 2
147	122	C	TEC-TEH	TEC-TEH		00077	610MF	BW2+ 1.81	0.51			0	<20	P 2
149	122	H	08H-VS1	08H-VS1		00042	580BC	BW1+ 2.05	1.08			0	<20	P 2
76	123	C	TEC-TEH	TEC-TEH		00108	610MF	VS5+ 0.67	0.52			0	<20	P 2
90	123	C	TEC-TEH	TEC-TEH	8	00157	610MC	BW2+ 2.00	0.58			0	<20	P 2
98	123	C	TEC-TEH	TEC-TEH	8	00157	610MC	BW1+ 2.00	0.65			0	<20	P 2
104	123	C	TEC-TEH	TEC-TEH		00087	610MF	VS3- 0.79	0.71			0	<20	P 2
108	123	C	TEC-TEH	TEC-TEH		00087	610MF	VS2+ 0.73	0.94			0	22	P 2
110	123	C	TEC-TEH	TEC-TEH		00087	610MF	BW1+ 1.80	0.21			0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00157	610MC	BW1+ 2.00	0.22			0	<20	P 2
114	123	C	TEC-TEH	TEC-TEH		00087	610MF	BW1+ 2.00	0.23			0	<20	P 2
116	123	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW1+ 2.05	0.53			0	<20	P 2
132	123	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+ 1.90	0.21			0	<20	P 2
136	123	C	TEC-TEH	TEC-TEH		00087	610MF	VS5- 0.61	0.54			0	<20	P 2
148	123	H	08H-VS1	08H-VS1		00042	580BC	BW1- 1.72	0.83			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 1.63	0.66			0	<20	P 2
150	123	C	TEC-TEH	TEC-TEH	10	00187	610MC	BW1- 1.98	0.61			0	<20	P 2
152	123	H	BW1-VS1	BW1-VS1	1	00129	580AC	VS1+ 0.88	0.65			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW2- 1.58	0.79			0	20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW2+ 1.70	0.37			0	<20	P 2
25	124	H	TEH-TEC	TEH-TEC		00093	610MF	BW2- 2.09	0.40			0	<20	P 2
89	124	C	TEC-TEH	TEC-TEH		00106	610MF	BW2+ 1.97	0.66			0	<20	P 2
99	124	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1- 2.05	0.36			0	<20	P 2
107	124	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1- 2.00	0.70			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00086	610MF	BW2+ 1.80	0.96			0	24	P 2
115	124	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1- 1.94	0.42			0	<20	P 2
117	124	C	TEC-TEH	TEC-TEH		00085	610MF	09H+ 1.00	0.77			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 2.00	0.43			0	<20	P 2
119	124	C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1- 2.00	0.27			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
121	124	C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 1.83	0.36			0	<20	P 2
143	124	C	TEC-TEH	TEC-TEH		00078	610MF	BW2+ 2.00	0.35			0	<20	P 2
147	124	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 1.68	0.54			0	<20	P 2
149	124	H	08H-VS1	08H-VS1		00044	580BC	BW1+ 2.00	0.96			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	BW1+ 2.03	0.55			0	<20	P 2
32	125	H	TEH-TEC	TEH-TEC		00093	610MF	07C+ 0.77	0.27			0	<20	P 2
72	125	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 2.01	0.60			0	21	P 2
76	125	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 2.00	0.23			0	<20	P 2
92	125	C	TEC-TEH	TEC-TEH		00085	610MF	BW2+ 2.00	0.43			0	<20	P 2
100	125	C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 1.60	0.43			0	<20	P 2
112	125	C	TEC-TEH	TEC-TEH	8	00157	610MC	BW1+ 2.00	0.67			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00085	610MF	VS6+ 0.46	0.66			0	<20	P 2
116	125	C	TEC-TEH	TEC-TEH		00085	610MF	09H- 1.00	0.67			0	20	P 2
		H	BW1-VS2	BW1-VS2	1	00127	580AC	BW1- 1.83	0.36			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 1.86	1.09			0	28	P 2
		C	TEC-TEH	TEC-TEH		00085	610MF	BW2- 1.56	0.48			0	<20	P 2
130	125	C	TEC-TEH	TEC-TEH		00086	610MF	BW1+ 0.00	0.22			0	<20	P 2
		H	BW1-BW1	BW1-VS1	1	00149	580AC	BW1+ 0.03	0.27			0	<20	P 2
89	126	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 0.73	0.44			0	<20	P 2
97	126	C	TEC-TEH	TEC-TEH		00085	610MF	08H+ 1.00	0.38			0	<20	P 2
99	126	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1+ 2.03	0.40			0	<20	P 2
103	126	C	TEC-TEH	TEC-TEH	8	00158	610MC	08H+ 0.86	0.39			0	<20	P 2
117	126	C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 2.00	0.48			0	<20	P 2
119	126	C	TEC-TEH	TEC-TEH		00086	610MF	09H- 0.17	0.69			0	<20	P 2
133	126	C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 2.04	0.41			0	<20	P 2
143	126	H	08H-VS1	08H-VS1		00045	580BC	BW1+ 1.78	0.76			0	<20	P 2
147	126	H	08H-VS1	08H-VS1		00045	580BC	BW1+ 1.76	1.08			0	<20	P 2
149	126	H	08H-VS1	08H-VS1		00044	580BC	BW1+ 0.59	0.65			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+ 1.51	0.59			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 1.84	0.83			0	22	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	VS3- 1.00	0.50			0	<20	P 2
80	127	C	TEC-TEH	TEC-TEH		00107	610MF	VS3- 1.00	0.92			0	28	P 2
100	127	C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 1.72	0.36			0	<20	P 2
118	127	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1+ 1.94	0.51			0	<20	P 2
49	128	H	TEH-TEC	TEH-TEC		00093	610MF	VS4+ 0.97	0.21			0	<20	P 2
61	128	C	TEC-TEH	TEC-TEH		00106	610MF	07H- 0.90	0.34			0	<20	P 2
63	128	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.75	0.40			0	<20	P 2
87	128	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.74	0.50			0	<20	P 2
89	128	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 2.00	0.57			0	<20	P 2
91	128	C	TEC-TEH	TEC-TEH	8	00156	610MC	08H+ 0.85	0.34			0	<20	P 2
101	128	C	TEC-TEH	TEC-TEH		00085	610MF	08H+ 1.00	0.22			0	<20	P 2
105	128	C	TEC-TEH	TEC-TEH		00085	610MF	08H+ 1.00	0.30			0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00157	610MC	VS2- 1.06	0.65			0	<20	P 2
107	128	C	TEC-TEH	TEC-TEH	8	00158	610MC	BW1+ 2.00	0.30			0	<20	P 2
121	128	C	TEC-TEH	TEC-TEH		00085	610MF	09H- 0.94	0.81			0	22	P 2
37	128	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW2+ 1.75	0.21			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
141	128	H	08H-VS1	08H-VS1		00046	580BC	VS1- 1.10	0.48		0	<20	P 2
		C	TEC-08H	TEC-TEH		00077	610MF	VS3- 0.52	0.76		0	26	P 2
		C	TEC-08H	TEC-TEH		00077	610MF	VS5+ 0.83	2.25		0	41	P 2
		C	VS5-VS5	VS5-VS5	1	00135	580AC	VS5+ 0.91	2.44		0	35	P 2
145	128	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW2- 1.75	0.42		0	<20	P 2
149	128	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+ 1.51	0.31		0	<20	P 2
106	129	C	TEC-TEH	TEC-TEH		00085	610MF	08H+ 0.81	0.22		0	<20	P 2
110	129	C	TEC-TEH	TEC-TEH		00085	610MF	08H+ 1.00	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00085	610MF	BW1+ 1.92	0.72		0	21	P 2
120	129	C	TEC-TEH	TEC-TEH		00086	610MF	09H+ 0.33	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00086	610MF	09H+ 0.74	0.95		0	24	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1+ 1.89	1.25		0	27	P 2
		C	TEC-TEH	TEC-TEH		00086	610MF	BW1+ 2.00	1.30		0	29	P 2
128	129	C	TEC-TEH	TEC-TEH	10	00180	610MC	BW2+ 1.85	0.24		0	<20	P 2
132	129	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW2- 1.75	0.23		0	<20	P 2
148	129	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+ 1.51	0.59		0	<20	P 2
61	130	C	TEC-TEH	TEC-TEH		00106	610MF	06H- 0.92	0.48		0	<20	P 2
81	130	H	TEH-TEC	TEH-TEC		00120	610MF	VS3+ 0.99	0.94		0	23	P 2
83	130	H	TEH-TEC	TEH-TEC		00120	610MF	BW1+ 2.00	0.23		0	<20	P 2
85	130	H	TEH-TEC	TEH-TEC		00120	610MF	BW1+ 1.90	0.96		0	23	P 2
93	130	C	TEC-TEH	TEC-TEH		00083	610MF	BW1+ 1.82	0.46		0	<20	P 2
95	130	H	TEH-TEC	TEH-TEC		00120	610MF	08H+ 0.69	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 1.83	0.25		0	<20	P 2
97	130	C	TEC-TEH	TEC-TEH		00083	610MF	08H+ 0.88	0.54		0	<20	P 2
99	130	C	TEC-TEH	TEC-TEH		00083	610MF	BW1- 1.95	0.98		0	26	P 2
101	130	C	TEC-TEH	TEC-TEH		00083	610MF	08H+ 1.00	0.44		0	<20	P 2
105	130	C	TEC-TEH	TEC-TEH		00083	610MF	BW1+ 2.09	0.82		0	23	P 2
		C	TEC-TEH	TEC-TEH		00083	610MF	VS1- 0.74	0.51		0	<20	P 2
119	130	H	TEH-TEC	TEH-TEC		00120	610MF	09H+ 0.78	0.94		0	23	P 2
121	130	C	TEC-TEH	TEC-TEH		00084	610MF	BW1+ 2.00	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00084	610MF	VS3- 0.58	0.36		0	<20	P 2
133	130	C	TEC-TEH	TEC-TEH		00085	610MF	VS1+ 1.00	0.43		0	<20	P 2
145	130	C	TEC-TEH	TEC-TEH	10	00187	610MC	BW1- 1.77	0.23		0	<20	P 2
74	131	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.84	0.65		0	<20	P 2
88	131	C	TEC-TEH	TEC-TEH		00107	610MF	08H+ 0.79	0.79		0	<20	P 2
92	131	C	TEC-TEH	TEC-TEH		00083	610MF	08H- 0.88	0.63		0	20	P 2
		H	08H-BW1	08H-BW1	9	00158	600AC	08H+ 0.79	0.74		0	<20	P 2
		H	08H-BW1	08H-BW1	9	00158	600AC	BW1- 1.87	0.80		0	<20	P 2
94	131	C	TEC-TEH	TEC-TEH		00083	610MF	BW1- 1.76	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00083	610MF	BW1+ 1.67	0.59		0	<20	P 2
96	131	H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1- 2.12	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00083	610MF	BW1- 2.11	0.30		0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1+ 1.46	0.74		0	<20	P 2
98	131	H	TEH-TEC	TEH-TEC		00120	610MF	BW1- 1.95	0.55		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00120	610MF	BW1+ 1.99	0.81		0	21	P 2
00	131	C	TEC-TEH	TEC-TEH		00082	610MF	VS2- 0.78	0.93		0	22	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
100	131	C	TEC-TEH	TEC-TEH		00082	610MF	VS2+ 0.72	0.56		0	<20	P 2
104	131	C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 2.00	1.12		0	25	P 2
110	131	C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 2.00	0.81		0	<20	P 2
122	131	H	08H-VS1	08H-VS1		00030	580BC	BW1+ 1.40	0.63		0	<20	P 2
		H	08H-VS1	08H-VS1		00030	580BC	VS1- 0.92	1.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	VS1- 0.84	0.74		0	<20	P 2
124	131	H	08H-VS1	08H-VS1		00030	580BC	09H+ 0.00	0.91		0	<20	P 2
		H	08H-VS1	08H-VS1		00030	580BC	09H+ 1.17	0.68		0	<20	P 2
140	131	C	TEC-TEH	TEC-TEH		00082	610MF	VS3+ 0.81	1.73		0	31	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	VS5- 0.69	1.06		0	25	P 2
43	132	H	TEH-TEC	TEH-TEC		00094	610MF	VS4+ 0.71	0.92		0	21	P 2
57	132	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 2.07	0.29		0	<20	P 2
63	132	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.73	0.50		0	<20	P 2
73	132	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.64	0.35		0	<20	P 2
75	132	C	TEC-TEH	TEC-TEH		00107	610MF	BW1- 2.06	0.21		0	<20	P 2
85	132	C	TEC-TEH	TEC-TEH		00106	610MF	VS3- 0.81	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	VS3+ 1.09	0.58		0	<20	P 2
87	132	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.62	0.34		0	<20	P 2
91	132	C	TEC-TEH	TEC-TEH		00081	610MF	08H- 0.57	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00081	610MF	BW1+ 1.94	0.62		0	20	P 2
95	132	C	TEC-TEH	TEC-TEH		00081	610MF	08H+ 0.77	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00081	610MF	BW1- 2.08	0.62		0	<20	P 2
97	132	C	TEC-TEH	TEC-TEH		00082	610MF	08H- 0.06	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	08H+ 0.59	0.58		0	<20	P 2
99	132	C	TEC-TEH	TEC-TEH		00081	610MF	08H+ 0.80	0.59		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 2.00	0.10		0	<20	P 2
103	132	C	TEC-TEH	TEC-TEH	8	00081	610MF	08H+ 0.69	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1- 2.17	0.31		0	<20	P 2
109	132	C	TEC-TEH	TEC-TEH	8	00155	610MC	BW1+ 2.00	0.25		0	<20	P 2
113	132	C	TEC-TEH	TEC-TEH	8	00155	610MC	BW1+ 2.00	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	VS5- 0.49	0.89		0	22	P 2
119	132	H	09H-09H	09H-09H	1	00126	600AC	09H+ 0.74	2.41		0	35	P 2
		H	09H-09H	09H-09H	1	00126	600AC	09H+ 0.75	0.88		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00081	610MF	09H+ 0.90	2.13		0	39	P 2
		C	TEC-TEH	TEC-TEH		00081	610MF	BW1+ 1.75	0.27		0	<20	P 2
121	132	H	08H-VS2	08H-VS2		00031	580BC	08H+ 0.69	0.37		0	<20	P 2
		H	08H-VS2	08H-VS2	2	00147	580AC	09H- 0.90	0.47		0	<20	P 2
		H	08H-VS2	08H-VS2		00031	580BC	09H- 0.12	1.43		0	22	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	09H- 0.03	0.88		0	22	P 2
		H	08H-VS2	08H-VS2	2	00147	580AC	BW1+ 1.86	0.34		0	<20	P 2
123	132	H	08H-VS1	08H-VS1		00032	580BC	BW1+ 1.70	0.97		0	<20	P 2
129	132	C	TEC-TEH	TEC-TEH		00082	610MF	VS1+ 0.64	0.47		0	<20	P 2
131	132	C	TEC-TEH	TEC-TEH		00082	610MF	BW2+ 1.89	0.76		0	<20	P 2
141	132	C	TEC-TEH	TEC-TEH	10	00186	610MC	BW1+ 1.96	0.18		0	<20	P 2
145	132	C	TEC-TEH	TEC-TEH	10	00073	610MF	BW1- 1.53	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00186	610MC	BW2- 1.75	0.32		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
TAG DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
40	133	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.46			0	<20	P 2
62	133	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.75	0.31			0	<20	P 2
68	133	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 0.79	0.48			0	<20	P 2
74	133	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 2.00	0.28			0	<20	P 2
76	133	C	TEC-TEH	TEC-TEH		00106	610MF	08H- 0.81	0.37			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.78	0.60			0	<20	P 2
82	133	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.72	0.52			0	<20	P 2
84	133	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.93	0.86			0	24	P 2
90	133	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 0.47	0.81			0	21	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.75	0.58			0	<20	P 2
92	133	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+ 2.00	1.38			0	32	P 2
94	133	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1- 2.05	0.21			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 2.00	1.95			0	34	P 2
96	133	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+ 2.00	0.67			0	20	P 2
100	133	C	TEC-TEH	TEC-TEH		00081	610MF	VS2+ 0.85	1.04			0	28	P 2
102	133	C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.91	0.25			0	<20	P 2
104	133	C	TEC-TEH	TEC-TEH		00081	610MF	08H- 0.59	0.33			0	<20	P 2
118	133	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 1.85	0.34			0	<20	P 2
120	133	H	08H-VS2	08H-VS2		00032	580BC	BW1+ 1.82	1.08			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.97	0.76			0	20	P 2
122	133	H	08H-VS1	08H-VS1		00031	580BC	BW1+ 1.84	0.55			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.91	0.58			0	<20	P 2
128	133	H	08H-VS1	08H-VS1		00032	580BC	09H- 0.08	0.85			0	<20	P 2
130	133	H	08H-VS1	08H-VS1		00031	580BC	BW1- 1.91	0.57			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.80	0.39			0	<20	P 2
132	133	C	TEC-TEH	TEC-TEH		00082	610MF	VS1+ 0.67	1.01			0	24	P 2
41	134	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.25			0	<20	P 2
45	134	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.23			0	<20	P 2
69	134	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.81	0.38			0	<20	P 2
75	134	C	TEC-TEH	TEC-TEH		00107	610MF	BW1- 1.75	0.47			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.75	0.41			0	<20	P 2
83	134	C	TEC-TEH	TEC-TEH		00107	610MF	08H+ 0.71	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.70	1.05			0	29	P 2
85	134	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.78	1.20			0	27	P 2
87	134	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.78	0.88			0	26	P 2
91	134	C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.97	2.06			0	34	P 2
93	134	H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1- 1.98	1.05			0	26	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 2.00	1.98			0	33	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1+ 2.17	2.72			0	41	P 2
95	134	H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1- 2.02	1.54			0	32	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.80	1.44			0	29	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 2.00	2.47			0	37	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1+ 2.03	0.71			0	20	P 2
101	134	C	TEC-TEH	TEC-TEH		00082	610MF	08H+ 0.83	0.76			0	<20	P 2
109	134	C	TEC-TEH	TEC-TEH		00082	610MF	VS2+ 0.71	0.82			0	21	P 2
113	134	C	TEC-TEH	TEC-TEH		00082	610MF	VS2+ 0.67	0.87			0	22	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
VOLTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
117	134	C	TEC-TEH	TEC-TEH		00082	610MF	09H+ 0.99	0.87			0	22	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.90	0.56			0	<20	P 2
119	134	C	TEC-TEH	TEC-TEH		00082	610MF	09H+ 0.78	0.89			0	22	P 2
121	134	H	08H-VS2	08H-VS2		00032	580BC	BW1- 1.82	0.98			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.57	0.43			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	VS2+ 0.83	0.50			0	<20	P 2
123	134	H	08H-VS1	08H-VS1		00032	580BC	BW1- 2.01	0.78			0	<20	P 2
125	134	H	TEH-TEC	TEH-TEC		00173	610MC	BW1+ 2.00	0.38			0	<20	P 2
129	134	C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.94	0.60			0	<20	P 2
		H	08H-VS1	08H-VS1		00031	580BC	BW1- 1.84	0.30			0	<20	P 2
143	134	C	TEC-TEH	TEC-TEH		00073	610MF	BW2+ 1.66	0.61			0	<20	P 2
48	135	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.60			0	<20	P 2
50	135	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.57			0	<20	P 2
58	135	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.82	0.54			0	<20	P 2
64	135	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 2.08	0.69			0	23	P 2
66	135	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 1.12	0.93			0	23	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	BW1- 1.91	0.44			0	<20	P 2
74	135	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.82	0.83			0	21	P 2
78	135	C	TEC-TEH	TEC-TEH		00106	610MF	BW1- 1.61	0.33			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	VS5- 0.78	1.37			0	29	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	VS5- 0.46	1.74			0	33	P 2
84	135	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.72	0.38			0	<20	P 2
86	135	C	TEC-TEH	TEC-TEH		00106	610MF	BW1- 1.66	0.35			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.71	1.13			0	26	P 2
88	135	C	TEC-TEH	TEC-TEH		00107	610MF	08H+ 0.89	0.72			0	24	P 2
90	135	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.83	0.42			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.96	0.52			0	<20	P 2
92	135	C	TEC-TEH	TEC-TEH		00082	610MF	07H+ 0.89	1.28			0	27	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.85	2.24			0	36	P 2
94	135	C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.87	1.42			0	29	P 2
96	135	C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.97	1.01			0	24	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 2.11	1.86			0	33	P 2
98	135	C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.86	1.03			0	24	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.92	1.06			0	25	P 2
102	135	C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.92	0.76			0	20	P 2
116	135	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 2.00	0.35			0	<20	P 2
118	135	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 2.00	0.57			0	21	P 2
120	135	H	08H-VS2	08H-VS2		00032	580BC	09H+ 0.74	1.02			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	09H+ 0.80	0.54			0	<20	P 2
		H	08H-VS2	08H-VS2		00032	580BC	BW1- 1.79	0.89			0	<20	P 2
122	135	H	08H-VS1	08H-VS1		00031	580BC	BW1- 2.00	0.82			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00181	610MC	BW1+ 2.00	0.20			0	<20	P 2
124	135	H	08H-VS1	08H-VS1		00034	580BC	BW1+ 1.82	0.62			0	<20	P 2
126	135	H	08H-VS1	08H-VS1	2	00148	580AC	BW1+ 2.07	0.29			0	<20	P 2
128	135	H	08H-VS1	08H-VS1		00034	580BC	BW1- 2.06	0.64			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	VS1+ 0.65	0.68			0	20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
128	135	H	08H-VS1	08H-VS1		00034	580BC	VS1+ 1.00	0.48		0	<20	P 2
132	135	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.80	0.58		0	<20	P 2
134	135	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 1.95	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1- 1.91	0.97		0	<20	P 2
136	135	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.95	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	VS1- 0.79	0.96		0	<20	P 2
140	135	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 1.91	0.75		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.91	0.62		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00082	610MF	VS1- 0.68	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	VS1- 0.65	0.56		0	<20	P 2
69	136	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.60	0.25		0	<20	P 2
71	136	C	TEC-TEH	TEC-TEH		00107	610MF	08H- 0.80	0.19		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	08H+ 0.77	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.61	0.43		0	<20	P 2
73	136	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 0.72	1.02		0	24	P 2
75	136	C	TEC-TEH	TEC-TEH		00107	610MF	08H+ 0.77	0.57		0	21	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1- 1.61	0.61		0	20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.76	0.89		0	26	P 2
77	136	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.60	0.73		0	21	P 2
81	136	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.67	1.04		0	27	P 2
83	136	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.85	0.81		0	25	P 2
85	136	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.70	1.58		0	31	P 2
91	136	C	TEC-TEH	TEC-TEH		00079	610MF	08H- 0.78	0.83		0	25	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.95	0.32		0	<20	P 2
93	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 2.16	1.26		0	28	P 2
95	136	C	TEC-TEH	TEC-TEH	8	00156	610MC	08H+ 0.94	0.21		0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1- 2.15	1.18		0	28	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 1.86	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 2.00	2.00		0	38	P 2
97	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.95	1.56		0	32	P 2
		H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1- 1.91	1.30		0	30	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 1.80	1.30		0	29	P 2
99	136	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 2.16	0.24		0	<20	P 2
101	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 2.00	2.11		0	36	P 2
105	136	H	BW1-VS2	BW1-VS2	1	00127	580AC	BW1+ 1.56	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 1.72	1.30		0	28	P 2
		C	TEC-TEH	TEC-TEH	8	00155	610MC	BW2+ 2.00	0.39		0	<20	P 2
107	136	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.97	0.59		0	22	P 2
109	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 2.00	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 2.00	1.33		0	25	P 2
111	136	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 1.81	0.51		0	<20	P 2
117	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.63	0.75		0	21	P 2
121	136	H	08H-VS2	08H-VS2		00034	580BC	BW1- 1.72	0.28		0	<20	P 2
123	136	H	08H-VS1	08H-VS1		00034	580BC	BW1+ 1.51	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.92	0.78		0	26	P 2
125	136	H	08H-VS1	08H-VS1		00033	580BC	09H+ 0.93	0.44		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
125	136	H	08H-VS1	08H-VS1		00033	580BC	BW1- 1.88	0.66			0	<20	P 2
		H	08H-VS1	08H-VS1		00033	580BC	BW1+ 1.84	0.64			0	<20	P 2
127	136	H	08H-VS1	08H-VS1		00034	580BC	BW1- 1.94	0.27			0	<20	P 2
		H	08H-VS1	08H-VS1		00034	580BC	BW1+ 1.72	0.52			0	<20	P 2
129	136	H	08H-VS1	08H-VS1		00033	580BC	BW1+ 1.82	0.75			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+ 1.94	0.30			0	<20	P 2
133	136	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.93	0.45			0	<20	P 2
141	136	C	TEC-TEH	TEC-TEH		00073	610MF	BW1+ 1.94	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00073	610MF	VS7- 0.74	0.23			0	<20	P 2
24	137	H	TEH-TEC	TEH-TEC		00091	610MF	VS4- 1.00	0.46			0	<20	P 2
62	137	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 2.00	0.21			0	<20	P 2
66	137	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 1.23	0.86			0	22	P 2
68	137	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.82	0.34			0	<20	P 2
72	137	C	TEC-TEH	TEC-TEH		00107	610MF	VS3+ 0.82	0.31			0	<20	P 2
74	137	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 2.00	0.63			0	<20	P 2
76	137	C	TEC-TEH	TEC-TEH		00107	610MF	BW1- 1.89	0.83			0	26	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.80	0.40			0	<20	P 2
78	137	C	TEC-TEH	TSC-TEH		00106	610MF	BW1+ 1.71	0.50			0	<20	P 2
		H	TSC-TEC	TEH-TEC		00120	610MF	BW1+ 2.00	0.36			0	<20	P 2
80	137	C	TEC-TEH	TEC-TEH		00107	610MF	08H- 0.20	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 1.74	0.45			0	<20	P 2
82	137	H	TSC-TEC	TEH-TEC		00120	610MF	BW1+ 1.87	1.20			0	27	P 2
		C	TEC-TEH	TSC-TEH		00106	610MF	BW1+ 2.00	1.19			0	27	P 2
84	137	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+ 2.00	0.89			0	24	P 2
86	137	C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 2.00	1.37			0	29	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	VS3- 0.86	1.06			0	25	P 2
88	137	C	TEC-TEH	TEC-TEH		00107	610MF	BW1- 1.64	0.52			0	<20	P 2
90	137	C	TEC-TEH	TEC-TEH		00106	610MF	08H+ 0.83	0.90			0	22	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	08H+ 1.00	0.63			0	23	P 2
		C	TEC-TEH	TEC-TEH		00106	610MF	BW1+ 1.77	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.88	0.47			0	<20	P 2
92	137	H	TEH-TEC	TEH-TEC		00120	610MF	BW1+ 1.94	1.35			0	20	P 2
96	137	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.87	0.49			0	<20	P 2
98	137	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 2.19	0.63			0	23	P 2
100	137	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.89	1.10			0	27	P 2
102	137	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.79	0.68			0	22	P 2
104	137	C	TEC-TEH	TEC-TEH		00080	610MF	BW1- 1.98	0.85			0	23	P 2
106	137	H	BW1-BW1	BW1-BW1	1	00127	580AC	BW1+ 1.20	0.38			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.99	0.56			0	21	P 2
110	137	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.83	0.31			0	<20	P 2
114	137	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 1.72	0.27			0	<20	P 2
116	137	C	TEC-TEH	TEC-TEH		00080	610MF	09H- 0.66	1.13			0	27	P 2
120	137	H	08H-VS2	08H-VS2		00034	580BC	08H- 0.99	0.67			0	<20	P 2
124	137	H	08H-VS1	08H-VS1		00034	580BC	BW1+ 2.00	1.18			0	<20	P 2
126	137	H	08H-VS1	08H-VS1		00033	580BC	BW1+ 1.80	0.64			0	<20	P 2
128	137	H	08H-VS1	08H-VS1		00034	580BC	BW1- 1.90	1.00			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
128	137	H	08H-VS1	08H-VS1	10	00034	580BC	BW1+	1.80	1.17		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00180	610MC	BW1+	1.98	0.15		0	<20	P 2
134	137	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.77	0.34		0	<20	P 2
17	138	H	TEH-TEC	TEH-TEC		00091	610MF	BW1-	2.00	0.42		0	<20	P 2
51	138	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.82	0.73		0	23	P 2
69	138	C	TEC-TEH	TSC-TEH		00106	610MF	BW1+	2.00	0.40		0	<20	P 2
73	138	C	TEC-TEH	TSC-TEH		00106	610MF	08H-	0.30	1.10		0	26	P 2
		C	TEC-TEH	TSC-TEH		00106	610MF	08H+	0.47	0.83		0	21	P 2
75	138	C	TEC-TEH	TEC-TEH		00107	610MF	BW1-	2.13	0.79		0	25	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1-	2.00	1.15		0	29	P 2
77	138	H	TSC-TEC	TEH-TEC		00120	610MF	BW1-	1.90	0.31		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00106	610MF	BW1-	1.88	0.44		0	<20	P 2
79	138	C	TEC-TEH	TEC-TEH		00107	610MF	08H-	0.65	0.59		0	21	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1-	2.00	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+	1.85	0.74		0	24	P 2
81	138	C	TEC-TEH	TSC-TEH		00106	610MF	BW1+	1.80	0.93		0	23	P 2
		H	TSC-TEC	TEH-TEC		00120	610MF	BW1+	1.92	0.70		0	<20	P 2
83	138	C	TEC-TEH	TEC-TEH		00107	610MF	BW1+	2.00	0.75		0	23	P 2
85	138	H	TSC-TEC	TEH-TEC		00120	610MF	BW1+	1.92	0.45		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00106	610MF	BW1+	2.00	0.33		0	<20	P 2
87	138	C	TEC-TEH	TEC-TEH		00107	610MF	BW1-	2.00	0.74		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	BW1+	2.05	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MF	VS2-	0.70	0.45		0	<20	P 2
93	138	C	TEC-TEH	TEC-TEH		00080	610MF	VS6+	0.83	0.31		0	<20	P 2
95	138	C	TEC-TEH	TEC-TEH		00079	610MF	08H-	0.84	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.00	0.28		0	<20	P 2
		H	BW1-VS2	BW1-VS2		00127	580AC	BW1-	2.00	0.64		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.74	0.29		0	<20	P 2
		H	BW1-VS2	BW1-VS2		00127	580AC	BW1+	1.76	0.42		0	<20	P 2
97	138	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	1.90	0.43		0	<20	P 2
99	138	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.51	0.25		0	<20	P 2
101	138	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	1.80	0.97		0	25	P 2
		C	TEC-TEH	TEC-TEH		00155	610MC	BW1+	2.00	0.31		0	<20	P 2
103	138	C	TEC-TEH	TEC-TEH		00156	610MC	BW1-	1.89	0.22		0	<20	P 2
105	138	C	TEC-TEH	TEC-TEH		00155	610MC	BW1+	1.84	0.37		0	<20	P 2
107	138	C	TEC-TEH	TEC-TEH		00156	610MC	BW1+	1.88	0.45		0	<20	P 2
111	138	C	TEC-TEH	TEC-TEH		00080	610MF	VS2-	0.63	0.43		0	<20	P 2
115	138	H	08H-VS2	08H-VS2		00030	580BC	BW1+	1.86	0.85		0	<20	P 2
117	138	C	TEC-TEH	TEC-TEH		00079	610MF	07H+	0.84	0.15		0	<20	P 2
121	138	H	08H-VS2	08H-VS2		00033	580BC	BW1+	1.31	0.87		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.57	0.38		0	<20	P 2
135	138	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.86	0.98		0	24	P 2
139	138	C	TEC-TEH	TEC-TEH		00185	610MC	BW1+	1.99	0.25		0	<20	P 2
42	139	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.25		0	<20	P 2
46	139	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.61		0	<20	P 2
62	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.24		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
64	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.90	0.42		0	<20	P 2
70	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.19	0.29		0	<20	P 2
72	139	C	TEC-TEH	TEC-TEH		00104	610MF	VS3+	1.00	1.11		0	29	P 2
74	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.52		0	<20	P 2
80	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.66		0	<20	P 2
82	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.86		0	23	P 2
84	139	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	1.20		0	27	P 2
86	139	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.98	1.29		0	30	P 2
96	139	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	2.07	0.66		0	<20	P 2
98	139	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	1.85	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.91	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	VS5+	0.72	0.77		0	23	P 2
100	139	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	2.03	1.69		0	32	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.91	0.79		0	21	P 2
102	139	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	1.91	0.77		0	26	P 2
		H	08H-BW1	08H-BW1	1	00126	600AC	BW1-	1.89	0.72		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00126	600AC	BW1+	1.82	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.69		0	24	P 2
104	139	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	2.06	0.54		0	<20	P 2
106	139	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	2.07	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	VS2+	0.81	0.66		0	21	P 2
114	139	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.94	0.31		0	<20	P 2
118	139	C	TEC-TEH	TEC-TEH		00079	610MF	09H+	1.59	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.21	0.40		0	<20	P 2
120	139	H	08H-VS2	08H-VS2		00034	580BC	BW1+	1.65	1.01		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.92	0.58		0	<20	P 2
122	139	H	08H-VS1	08H-VS1		00033	580BC	09H+	0.75	0.58		0	<20	P 2
128	139	H	08H-VS1	08H-VS1		00033	580BC	BW1-	1.76	0.40		0	<20	P 2
		H	08H-VS1	08H-VS1		00033	580BC	BW1+	1.83	0.92		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.85	0.98		0	25	P 2
130	139	H	08H-VS1	08H-VS1		00033	580BC	BW1-	1.84	0.78		0	<20	P 2
132	139	C	TEC-TEH	TEC-TEH	10	00185	610MC	BW1-	1.81	0.47		0	<20	P 2
138	139	C	TEC-TEH	TEC-TEH		00079	610MF	VS1-	0.71	0.40		0	<20	P 2
140	139	C	TEC-TEH	TEC-TEH	10	00185	610MC	BW2-	1.94	0.30		0	<20	P 2
41	140	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.17		0	<20	P 2
47	140	H	TEH-TEC	TEH-TEC		00092	610MF	VS4-	0.88	0.82		0	22	P 2
65	140	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.93	0.71		0	<20	P 2
69	140	C	TEC-TEH	TEC-TEH		00105	610MF	08H-	0.95	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	08H+	0.94	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.72	0.43		0	<20	P 2
71	140	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.66		0	<20	P 2
73	140	C	TEC-TEH	TEC-TEH		00105	610MF	08H+	1.00	0.84		0	23	P 2
79	140	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.82		0	24	P 2
81	140	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.85	0.77		0	21	P 2
85	140	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	1.13		0	29	P 2
91	140	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.93	0.18		0	<20	P 2

CONAM NUCLEAR, INC.

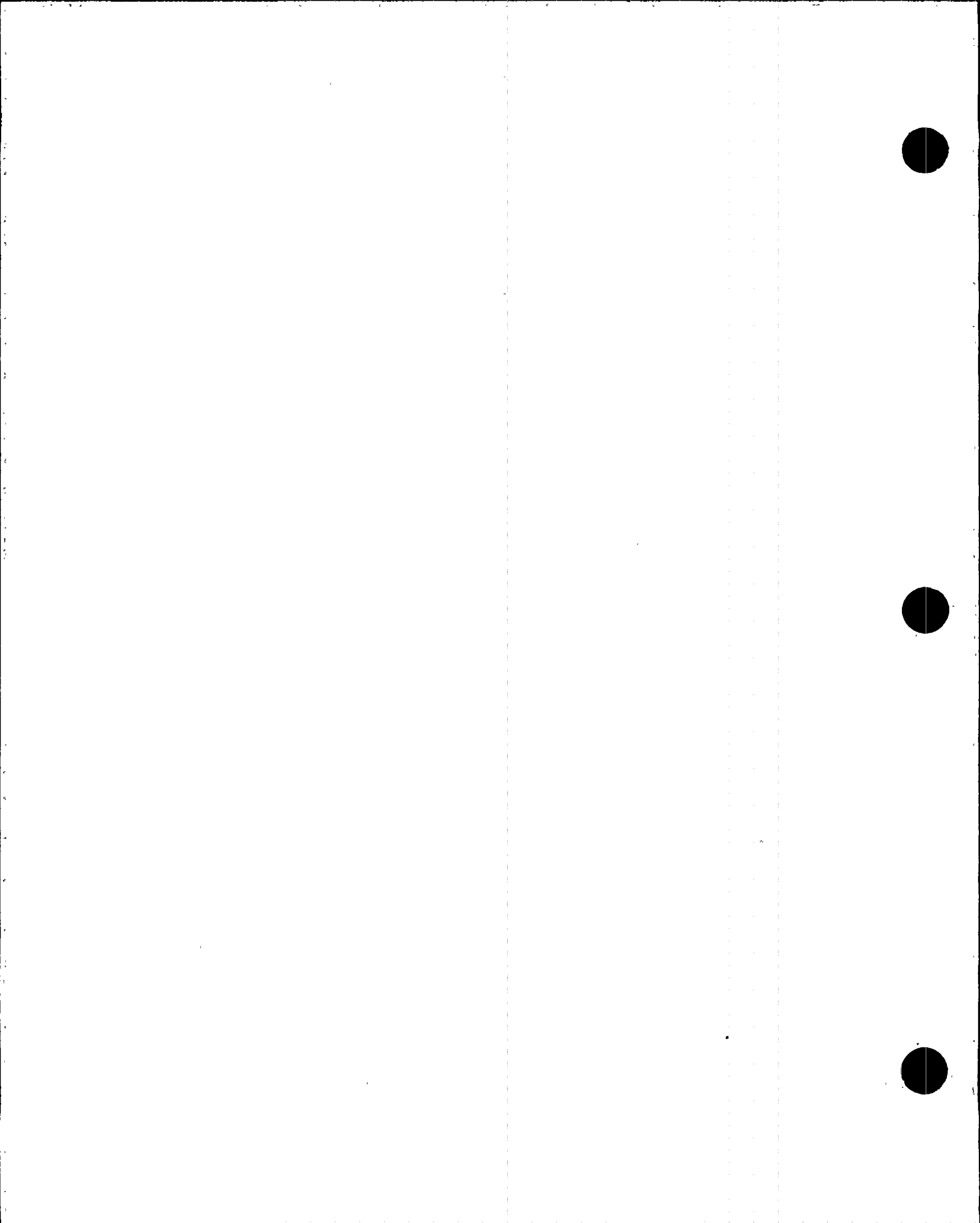
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
99	140	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.97	0.60		0	22	P 2
101	140	H	08H-BW1	08H-BW1	1	00126	600AC	08H-	1.06	0.22		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	2.16	0.31		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00126	600AC	BW1-	2.06	0.82		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00126	600AC	BW1+	1.97	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	2.07	0.36		0	<20	P 2
105	140	C	TEC-TEH	TEC-TEH	8	00155	610MC	BW1-	2.00	0.42		0	<20	P 2
107	140	C	TEC-TEH	TEC-TEH		00079	610MF	06H-	1.00	0.49		0	<20	P 2
109	140	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	2.00	0.32		0	<20	P 2
115	140	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	1.78	0.28		0	<20	P 2
119	140	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.59	0.32		0	<20	P 2
121	140	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.85	0.96		0	25	P 2
133	140	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.89	0.60		0	<20	P 2
18	141	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.88		0	21	P 2
46	141	H	TEH-TEC	TEH-TEC		00091	610MF	VS4-	1.00	0.71		0	<20	P 2
50	141	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.65		0	<20	P 2
64	141	H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	2.00	0.47		0	<20	P 2
72	141	H	TEH-TEC	TEH-TEC		00108	610MF	08H+	0.88	0.66		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	1.82	0.58		0	<20	P 2
76	141	H	TEH-TEC	TEH-TEC		00108	610MF	BW1-	2.00	0.37		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	2.00	0.72		0	<20	P 2
78	141	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.38		0	<20	P 2
80	141	H	TEH-TEC	TEH-TEC		00108	610MF	08H-	0.92	0.98		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	2.00	0.57		0	<20	P 2
86	141	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.38		0	<20	P 2
92	141	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+	1.77	0.24		0	<20	P 2
96	141	H	BW1-BW1	BW1-BW1	9	00158	600AC	BW1-	2.07	0.40		0	<20	P 2
100	141	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.85	0.51		0	<20	P 2
102	141	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.97	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	VS2+	0.75	0.43		0	<20	P 2
104	141	C	TEC-TEH	TEC-TEH		00104	610MF	BW1-	2.00	0.39		0	<20	P 2
110	141	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.93	0.39		0	<20	P 2
		H	08H-VS2	08H-VS2		00035	580BC	BW1+	1.96	0.86		0	<20	P 2
		H	08H-VS2	08H-VS2		00035	580BC	BW1+	2.38	0.31		.12	SVI	P 2
112	141	H	08H-VS2	08H-VS2		00035	580BC	BW1+	0.96	0.90		.18	SVI	P 2
114	141	C	TEC-TEH	TEC-TEH		00105	610MF	BW1-	1.95	0.28		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1-	1.77	0.46		0	<20	P 2
118	141	H	08H-VS2	08H-VS2		00036	580BC	BW1+	1.94	0.56		0	<20	P 2
126	141	C	TEC-TEH	TEC-TEH		00105	610MF	09H+	0.84	0.86		0	23	P 2
		C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1+	2.00	0.32		0	<20	P 2
69	142	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.37		0	<20	P 2
73	142	H	TEH-TEC	TEH-TEC		00107	610MF	08H-	0.06	0.32		0	<20	P 2
77	142	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.56		0	<20	P 2
79	142	H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	2.00	0.54		0	<20	P 2
81	142	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.68		0	<20	P 2
85	142	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	2.00	0.24		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
85	142	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+ 2.00	0.30			0	<20	P 2
93	142	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+ 2.00	0.58			0	<20	P 2
99	142	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.57	0.44			0	<20	P 2
103	142	C	TEC-TEH	TEC-TEH		00104	610MF	BW1- 2.23	0.36			0	<20	P 2
107	142	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+ 2.05	0.37			0	<20	P 2
109	142	H	BW1-VS2	BW1-VS2	1	00127	580AC	BW1- 1.25	0.30			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	BW1+ 1.56	0.48			0	<20	P 2
111	142	C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1+ 2.00	0.23			0	<20	P 2
117	142	H	08H-VS2	08H-VS2		00036	580BC	BW1+ 2.00	0.79			0	<20	P 2
119	142	H	08H-VS2	08H-VS2		00036	580BC	08H+ 0.00	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.97	0.60			0	20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+ 1.99	1.02			0	<20	P 2
121	142	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+ 2.00	1.14			0	27	P 2
129	142	C	TEC-TEH	TEC-TEH		00105	610MF	09H+ 1.00	0.71			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	BW1+ 2.00	0.47			0	<20	P 2
131	142	C	TEC-TEH	TEC-TEH	10	00185	610MC	BW1- 1.99	0.18			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.84	0.37			0	<20	P 2
135	142	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.90	0.24			0	<20	P 2
137	142	C	TEC-TEH	TEC-TEH		00105	610MF	09H+ 0.67	0.29			0	<20	P 2
138	143	H	TEH-TEC	TEH-TEC		00091	610MF	BW2+ 2.10	0.33			0	<20	P 2
136	143	H	TEH-TEC	TEH-TEC		00107	610MF	08H- 1.19	1.68			0	34	P 2
170	143	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+ 2.00	0.92			0	23	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	VS3- 0.81	0.53			0	<20	P 2
174	143	H	TEH-TEC	TEH-TEC		00107	610MF	08H- 0.03	0.56			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	08H+ 0.85	0.28			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1- 1.75	1.38			0	30	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1+ 1.86	0.20			0	<20	P 2
80	143	H	TEH-TEC	TEH-TEC		00108	610MF	BW1+ 2.00	0.82			0	21	P 2
82	143	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+ 2.00	0.31			0	<20	P 2
86	143	H	TEH-TEC	TEH-TEC		00107	610MF	BW1- 2.00	0.17			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1+ 2.00	0.73			0	<20	P 2
92	143	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.95	1.11			0	29	P 2
94	143	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.99	0.38			0	<20	P 2
108	143	H	BW1-VS2	BW1-VS2	1	00127	580AC	BW1+ 1.64	0.41			0	<20	P 2
110	143	H	08H-VS2	08H-VS2		00035	580BC	BW1+ 1.49	0.69			.16	SVI	P 2
		H	08H-VS2	08H-VS2		00035	580BC	BW1+ 1.82	0.61			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.82	0.49			0	<20	P 2
112	143	H	08H-VS2	08H-VS2		00036	580BC	BW1- 1.80	0.78			0	<20	P 2
116	143	H	08H-VS2	08H-VS2		00036	580BC	BW1+ 1.84	0.77			0	<20	P 2
118	143	H	08H-VS2	08H-VS2		00035	580BC	BW1+ 1.99	0.93			0	<20	P 2
120	143	H	08H-VS2	08H-VS2		00036	580BC	09H+ 0.78	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00105	610MF	BW1+ 1.71	0.71			0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+ 2.00	1.14			0	<20	P 2
134	143	C	TEC-TEH	TEC-TEH	10	00184	610MC	BW1+ 1.66	0.53			0	<20	P 2
41	144	H	TEH-TEC	TEH-TEC		00091	610MF	BW2+ 2.08	0.82			0	<20	P 2
49	144	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+ 2.00	0.46			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
49	144	H	TEH-TEC	TEH-TEC		00091	610MF	VS4+	1.00	0.83		0	<20	P 2
67	144	H	07H-08H	07H-08H	1	00124	600AC	08H+	1.19	0.73		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	08H+	1.63	0.87		0	22	P 2
69	144	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	1.95	0.46		0	<20	P 2
71	144	H	TEH-TEC	TEH-TEC		00108	610MF	08H+	0.91	0.69		0	20	P 2
73	144	H	TEH-TEC	TEH-TEC		00107	610MF	08H+	0.67	0.31		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	1.73	0.38		0	<20	P 2
75	144	H	TEH-TEC	TEH-TEC		00108	610MF	BW1-	2.00	0.43		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	BW1+	1.65	0.47		0	<20	P 2
77	144	H	TEH-TEC	TEH-TEC		00107	610MF	08H+	0.85	0.39		0	<20	P 2
85	144	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	2.00	0.61		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.34		0	<20	P 2
87	144	H	TEH-TEC	TEH-TEC		00108	610MF	08H+	1.00	0.68		0	20	P 2
89	144	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	2.00	0.45		0	<20	P 2
93	144	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	1.86	0.30		0	<20	P 2
95	144	C	TEC-TEH	TEC-TEH		00104	610MF	BW1-	2.00	0.77		0	23	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.96	0.80		0	24	P 2
101	144	C	TEC-TEH	TEC-TEH		00105	610MF	BW1-	1.88	0.47		0	<20	P 2
103	144	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+	1.82	0.21		0	<20	P 2
107	144	C	TEC-TEH	TEC-TEH		00104	610MF	08H+	0.80	1.13		0	29	P 2
109	144	C	TEC-TEH	TEC-TEH		00105	610MF	BW1-	2.20	0.54		0	<20	P 2
		H	BW1-VS2	BW1-VS2	1	00127	580AC	BW1+	1.94	0.35		0	<20	P 2
111	144	H	08H-VS2	08H-VS2		00035	580BC	BW1-	1.97	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1-	1.81	0.23		0	<20	P 2
		H	08H-VS2	08H-VS2		00035	580BC	BW1+	1.84	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1+	1.85	0.20		0	<20	P 2
115	144	H	08H-VS2	08H-VS2		00035	580BC	BW1-	1.88	0.63		0	<20	P 2
117	144	H	08H-VS2	08H-VS2		00036	580BC	09H-	0.87	0.41		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+	1.82	0.75		0	<20	P 2
119	144	H	08H-VS2	08H-VS2		00036	580BC	09H+	0.70	0.87		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	09H+	0.71	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	09H+	0.89	0.27		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1-	1.83	0.90		0	<20	P 2
121	144	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	2.00	1.29		0	29	P 2
127	144	C	TEC-TEH	TEC-TEH		00104	610MF	09H+	0.73	0.52		0	<20	P 2
135	144	C	TEC-TEH	TEC-TEH		00105	610MF	BW1+	2.00	0.50		0	<20	P 2
18	145	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.68		0	<20	P 2
42	145	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.36		0	<20	P 2
48	145	H	TEH-TEC	TEH-TEC		00092	610MF	BW1-	2.00	0.49		0	<20	P 2
50	145	H	TEH-TEC	TEH-TEC		00091	610MF	BW1+	2.00	0.85		0	21	P 2
66	145	H	TEH-TEC	TEH-TEC		00107	610MF	08H-	1.43	0.99		0	24	P 2
68	145	H	TEH-TEC	TEH-TEC		00108	610MF	08H-	1.03	0.47		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00108	610MF	BW1-	1.85	0.65		0	<20	P 2
74	145	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	1.94	0.41		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.56		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00107	610MF	VS3+	0.94	2.01		0	37	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
78	145	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	1.86	0.44		0	<20	P 2
84	145	H	TEH-TEC	TEH-TEC		00108	610MF	BW1-	1.96	0.68		0	20	P 2
86	145	H	TEH-TEC	TEH-TEC		00107	610MF	BW1+	2.00	0.46		0	<20	P 2
88	145	H	TEH-TEC	TEH-TEC		00108	610MF	BW1-	2.00	0.87		0	23	P 2
90	145	H	TEH-TEC	TEH-TEC		00107	610MF	BW1-	2.00	0.45		0	<20	P 2
96	145	C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1-	2.08	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00156	610MC	BW1+	2.00	0.25		0	<20	P 2
106	145	C	TEC-TEH	TEC-TEH		00105	610MF	VS2-	0.88	0.48		0	<20	P 2
110	145	H	08H-VS2	08H-VS2		00035	580BC	BW1+	1.82	1.31		0	<20	P 2
112	145	H	08H-VS2	08H-VS2		00036	580BC	08H+	1.01	0.51		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+	1.89	0.69		0	<20	P 2
114	145	H	08H-VS2	08H-VS2		00035	580BC	BW1+	1.84	1.05		0	<20	P 2
116	145	H	08H-VS2	08H-VS2		00036	580BC	08H-	0.16	0.71		0	<20	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+	1.88	0.62		0	<20	P 2
118	145	H	08H-VS2	08H-VS2		00072	580BC	BW1-	1.97	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1-	1.89	0.32		0	<20	P 2
120	145	H	08H-VS2	08H-VS2		00036	580BC	09H-	0.34	0.78		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.96	0.76		0	22	P 2
		H	08H-VS2	08H-VS2		00036	580BC	BW1+	1.97	1.04		0	<20	P 2
122	145	C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.77	0.27		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	VS1-	0.81	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00182	610MC	VS2-	1.06	0.26		0	<20	P 2
124	145	C	TEC-TEH	TEC-TEH		00103	610MF	09H+	0.74	0.65		0	20	P 2
130	145	C	TEC-TEH	TEC-TEH	10	00185	610MC	BW1-	1.93	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	VS1+	0.78	0.46		0	<20	P 2
132	145	C	TEC-TEH	TEC-TEH		00103	610MF	09H+	0.89	0.63		0	<20	P 2
15	146	C	TEC-TEH	TEC-TEH	3	00172	610MS	BW1-	2.00	0.38		0	<20	P 2
41	146	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW1+	1.81	0.23		0	<20	P 2
43	146	C	TEC-TEH	TEC-TEH		00046	610MF	VS4-	0.65	0.69		0	<20	P 2
65	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	2.00	0.66		0	<20	P 2
67	146	H	BW1-BW1	BW1-BW1	12	00171	600AC	BW1-	1.64	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00172	610MS	BW1+	1.87	0.63		0	<20	P 2
69	146	C	TEC-TEH	TEC-TEH		00045	610MF	VS5+	1.02	0.51		0	<20	P 2
73	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	2.00	0.53		0	20	P 2
77	146	C	TEC-TEH	TEC-TEH		00045	610MF	VS5+	0.92	0.53		0	20	P 2
79	146	C	TEC-TEH	TEC-TEH	3	00172	610MS	BW1-	1.75	0.29		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00172	610MS	BW1+	1.75	0.63		0	<20	P 2
81	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.89	0.58		0	<20	P 2
83	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	2.00	0.72		0	22	P 2
85	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.74	0.39		0	<20	P 2
87	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1-	2.00	0.33		0	<20	P 2
91	146	H	BW1-BW1	BW1-BW1	12	00171	600AC	BW1+	1.59	0.54		0	<20	P 2
93	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.83	0.35		0	<20	P 2
95	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1-	1.93	0.63		0	22	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.75	0.71		0	24	P 2
97	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1-	1.99	0.48		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MONTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
103	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	2.00	0.36		0	<20	P 2
107	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	2.00	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00153	610MC	BW2+	2.00	0.31		0	<20	P 2
109	146	C	TEC-TEH	TEC-TEH	3	00173	610MS	BW1+	1.97	0.10		0	<20	P 2
111	146	C	TEC-TEH	TEC-TEH	3	00172	610MS	BW2+	1.90	0.52		0	<20	P 2
115	146	H	08H-VS2	08H-VS2		00037	580BC	BW1+	1.59	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.76	0.66		0	21	P 2
117	146	H	08H-VS2	08H-VS2		00038	580BC	08H-	0.93	0.51		0	<20	P 2
		H	08H-VS2	08H-VS2		00038	580BC	08H+	0.90	0.65		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	09H+	1.62	0.43		0	<20	P 2
		H	08H-VS2	08H-VS2	2	00148	580AC	BW1+	1.89	0.53		0	<20	P 2
119	146	H	08H-VS2	08H-VS2		00038	580BC	BW1+	1.82	0.75		0	<20	P 2
121	146	C	TEC-TEH	TEC-TEH		00045	610MF	BW1-	2.00	0.28		0	<20	P 2
129	146	C	TEC-TEH	TEC-TEH		00045	610MF	09H+	0.97	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00045	610MF	BW1+	1.93	0.47		0	<20	P 2
131	146	H	TEH-TEC	TEH-TEC		00173	610MC	BW1+	1.75	0.19		0	<20	P 2
66	147	H	TEH-TEC	TEH-TEC		00105	610MF	VS3-	0.77	0.98		0	27	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	VS5-	0.50	1.11		0	27	P 2
68	147	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.88	0.55		0	20	P 2
74	147	H	TEH-TEC	TEH-TEC		00105	610MF	VS3+	0.88	0.62		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	VS5-	0.85	0.89		0	25	P 2
76	147	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.87	0.13		0	<20	P 2
80	147	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	2.03	0.50		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.31		0	<20	P 2
84	147	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.87	0.85		0	22	P 2
86	147	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	2.18	0.32		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	VS3-	0.70	0.74		0	20	P 2
88	147	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	2.00	0.50		0	<20	P 2
96	147	C	TEC-TEH	TEC-TEH	8	00154	610MC	BW1-	2.00	0.10		0	<20	P 2
104	147	C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.96	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	VS2-	0.77	0.39		0	<20	P 2
108	147	C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.88	0.28		0	<20	P 2
112	147	H	08H-VS2	08H-VS2		00038	580BC	BW1-	1.85	0.54		0	<20	P 2
114	147	H	08H-VS2	08H-VS2		00037	580BC	08H+	0.00	0.56		0	<20	P 2
116	147	H	08H-VS2	08H-VS2		00038	580BC	08H+	1.08	0.38		0	<20	P 2
120	147	H	08H-VS2	08H-VS2		00038	580BC	08H+	0.83	0.36		0	<20	P 2
		H	08H-VS2	08H-VS2		00038	580BC	09H+	0.86	0.95		0	<20	P 2
		H	08H-VS2	08H-VS2		00038	580BC	09H+	0.86	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	09H+	0.90	1.13		0	27	P 2
124	147	H	TEH-BW2	TEH-TEC		00121	610MF	09H-	0.09	0.40		0	<20	P 2
		H	TEH-BW2	TEH-TEC		00120	610MF	09H+	0.15	0.45		0	<20	P 2
128	147	C	TEC-TEH	TEC-TEH		00103	610MF	09H+	1.00	0.67		0	<20	P 2
130	147	C	TEC-TEH	TEC-TEH		00103	610MF	09H+	0.87	0.87		0	23	P 2
45	148	H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	0.97	0.80		0	<20	P 2
57	148	H	TEH-TEC	TEH-TEC		00105	610MF	VS5-	0.67	0.42		0	<20	P 2
69	148	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	1.00	0.36		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
77	148	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.90	0.65		0	<20	P 2
79	148	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.88		0	22	P 2
83	148	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.90	0.18		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.88	0.28		0	<20	P 2
85	148	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.85	0.29		0	<20	P 2
87	148	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.71	0.59		0	<20	P 2
91	148	C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	2.00	0.34		0	<20	P 2
93	148	C	TEC-TEH	TEC-TEH	8	00153	610MC	VS2+	1.00	0.22		0	<20	P 2
95	148	C	TEC-TEH	TEC-TEH	8	00154	610MC	BW1+	2.00	0.19		0	<20	P 2
97	148	C	TEC-TEH	TEC-TEH		00103	610MF	BW1-	2.00	0.83		0	23	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.80	0.35		0	<20	P 2
99	148	H	BW1-VS2	BW1-VS2	1	00125	580AC	VS2+	0.71	0.66		0	21	P 2
		C	TEC-TEH	TEC-TEH	8	00154	610MC	BW2+	2.00	0.22		0	<20	P 2
101	148	C	TEC-TEH	TEC-TEH		00103	610MF	08H-	0.08	0.72		0	20	P 2
103	148	C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.82	0.22		0	<20	P 2
113	148	H	08H-VS2	08H-VS2		00038	580BC	BW1-	2.06	0.60		0	<20	P 2
		H	08H-VS2	08H-VS2		00038	580BC	BW1+	1.85	0.68		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	1.96	0.43		0	<20	P 2
115	148	H	08H-VS2	08H-VS2		00037	580BC	BW1+	1.42	0.97		0	<20	P 2
121	148	C	TEC-TEH	TEC-TEH		00103	610MF	09H+	0.39	0.71		0	21	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	2.00	0.60		0	<20	P 2
127	148	C	TEC-TEH	TEC-TEH	10	00183	610MC	09H+	0.89	0.60		0	<20	P 2
46	149	H	TEH-TEC	TEH-TEC		00090	610MF	BW2+	1.93	0.84		0	<20	P 2
52	149	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.56		0	<20	P 2
64	149	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.55		0	<20	P 2
68	149	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	1.00	0.80		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.61		0	<20	P 2
80	149	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.79	0.61		0	<20	P 2
84	149	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.98	0.29		0	<20	P 2
86	149	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.90	0.41		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.89	0.54		0	<20	P 2
96	149	C	TEC-TEH	TEC-TEH		00101	610MF	BW1-	2.00	0.21		0	<20	P 2
102	149	C	TEC-TEH	TEC-TEH	8	00153	610MC	BW1+	2.00	0.31		0	<20	P 2
112	149	H	08H-VS2	08H-VS2		00029	580BC	08H-	0.15	0.63		0	<20	P 2
		H	08H-VS2	08H-VS2		00029	580BC	BW1+	1.78	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	2.00	0.57		0	<20	P 2
114	149	H	08H-VS2	08H-VS2		00029	580BC	BW1+	2.00	0.57		0	<20	P 2
116	149	H	08H-VS2	08H-VS2		00029	580BC	08H-	0.15	0.55		0	<20	P 2
		H	08H-VS2	08H-VS2		00029	580BC	08H+	0.60	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	09H+	0.17	2.28		0	38	P 2
		H	08H-VS2	08H-VS2		00029	580BC	09H+	0.33	4.24		0	39	P 2
120	149	H	08H-VS2	07H-VS2		00029	580BC	09H+	0.06	0.45		0	<20	P 2
		H	08H-VS2	07H-VS2		00029	580BC	BW1+	1.85	0.51		0	<20	P 2
39	150	H	TEH-TEC	TEH-TEC		00090	610MF	BW1+	1.99	0.60		0	<20	P 2
41	150	H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	0.52	0.88		0	<20	P 2
51	150	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.89		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
METER DATA SET : CURRENT
CORRECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
73	150	H	TEH-TEC	TEH-TEC		00105	610MF	07H+ 1.00	0.54			0	<20	P 2
75	150	H	TEH-TEC	TEH-TEC		00106	610MF	08H- 0.15	0.38			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.75			0	21	P 2
77	150	H	TEH-TEC	TEH-TEC		00105	610MF	BW1- 1.66	0.42			0	<20	P 2
81	150	H	TEH-TEC	TEH-TEC		00105	610MF	BW1- 1.92	0.50			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 1.87	0.51			0	<20	P 2
83	150	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.28			0	<20	P 2
85	150	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 1.89	0.50			0	<20	P 2
103	150	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.00	0.48			0	<20	P 2
107	150	C	TEC-TEH	TEC-TEH	8	00154	610MC	BW1- 1.91	0.28			0	<20	P 2
109	150	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.55	0.37			0	<20	P 2
111	150	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.00	0.25			0	<20	P 2
117	150	C	TEC-TEH	TEC-TEH		00102	610MF	09H+ 0.06	1.32			0	29	P 2
121	150	C	TEC-TEH	TEC-TEH		00102	610MF	09H+ 0.74	0.54			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	BW1- 1.97	0.34			0	<20	P 2
125	150	H	BW1-BW1	BW1-BW1	1	00125	580AC	BW1- 1.68	0.42			0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00125	580AC	BW1+ 1.39	0.66			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.80	0.62			0	<20	P 2
64	151	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.29			0	<20	P 2
66	151	H	TEH-TEC	TEH-TEC		00105	610MF	08H- 1.68	1.03			0	28	P 2
74	151	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 2.00	0.63			0	<20	P 2
76	151	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 1.90	0.61			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 1.84	0.24			0	<20	P 2
78	151	H	TEH-TEC	TEH-TEC		00105	610MF	BW1- 1.70	0.29			0	<20	P 2
80	151	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.50			0	<20	P 2
84	151	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 1.94	0.55			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.52			0	<20	P 2
106	151	C	TEC-TEH	TEC-TEH		00102	610MF	08H- 0.20	0.32			0	<20	P 2
118	151	C	TEC-TEH	TEC-TEH		00102	610MF	09H- 0.03	1.35			0	29	P 2
120	151	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.00	0.42			0	<20	P 2
122	151	C	TEC-TEH	TEC-TEH	10	00182	610MC	09H+ 0.23	0.69			0	23	P 2
124	151	C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1+ 1.81	0.39			0	<20	P 2
55	152	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.18			0	<20	P 2
59	152	H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 2.00	0.47			0	<20	P 2
67	152	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.45			0	<20	P 2
79	152	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 1.82	0.57			0	20	P 2
83	152	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.50			0	<20	P 2
87	152	H	TEH-TEC	TEH-TEC		00106	610MF	08H+ 1.00	0.21			0	<20	P 2
91	152	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.00	0.78			0	21	P 2
93	152	C	TEC-TEH	TEC-TEH		00102	610MF	08H- 0.83	0.40			0	<20	P 2
105	152	C	TEC-TEH	TEC-TEH	8	00153	610MC	BW1+ 1.97	0.28			0	<20	P 2
107	152	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 1.86	0.48			0	<20	P 2
111	152	C	TEC-TEH	TEC-TEH		00101	610MF	BW1- 1.85	0.93			0	24	P 2
113	152	C	TEC-TEH	TEC-TEH	8	00153	610MC	BW1+ 1.97	0.19			0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00153	610MC	BW2+ 2.00	0.47			0	<20	P 2
15	152	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.00	0.62			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
117	152	C	TEC-TEH	TEC-TEH	10	00102	610MF	09H+	0.48	0.71		0	20	P 2
121	152	C	TEC-TEH	TEC-TEH		00182	610MC	VS5+	0.84	0.19		0	<20	P 2
123	152	C	TEC-TEH	TEC-TEH		00101	610MF	09H+	1.00	0.18		0	<20	P 2
34	153	H	TEH-TEC	TEH-TEC		00090	610MF	VS4+	0.71	0.56		0	<20	P 2
66	153	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	0.99	1.03		0	28	P 2
68	153	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.81	0.39		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.90	0.47		0	<20	P 2
76	153	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.80	0.26		0	<20	P 2
78	153	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.85	0.65		0	<20	P 2
80	153	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	2.00	0.54		0	20	P 2
82	153	H	TEH-TEC	TEH-TEC	8	00105	610MF	08H+	0.58	0.26		0	<20	P 2
84	153	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.84	0.11		0	<20	P 2
86	153	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	0.92	0.98		0	24	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.73	0.62		0	<20	P 2
90	153	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.78	0.56		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.97	0.39		0	<20	P 2
96	153	H	TSC-TEC	TEH-TEC		00118	610MF	VS2-	0.77	0.29		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00101	610MF	VS2-	0.57	0.44		0	<20	P 2
104	153	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	2.00	0.26		0	<20	P 2
106	153	C	TEC-TEH	TEC-TEH		00154	610MC	08H+	1.00	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH	8	00102	610MF	BW1-	2.00	0.51		0	<20	P 2
116	153	C	TEC-TEH	TEC-TEH		00101	610MF	BW1-	2.00	0.60		0	<20	P 2
118	153	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	1.98	0.34		0	<20	P 2
120	153	C	TEC-TEH	TEC-TSH		00101	610MF	BW1-	2.19	0.16		0	<20	P 2
		H	TEH-TSH	TEH-TEC		00118	610MF	BW1-	1.66	0.25		0	<20	P 2
45	154	H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	0.73	0.67		0	<20	P 2
67	154	H	TEH-TEC	TEH-TEC		00106	610MF	08H-	0.09	0.69		0	20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.76	0.44		0	<20	P 2
69	154	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	0.72	0.33		0	<20	P 2
73	154	H	TEH-TEC	TEH-TEC		00105	610MF	08H-	0.90	0.35		0	<20	P 2
81	154	H	TEH-TEC	TEH-TEC	8	00105	610MF	BW1+	1.84	0.48		0	<20	P 2
83	154	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.73	0.54		0	20	P 2
85	154	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.71	0.24		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.89	0.28		0	<20	P 2
93	154	C	TEC-TEH	TEC-TEH		00101	610MF	BW1-	1.90	0.49		0	<20	P 2
97	154	C	TEC-TEH	TEC-TEH		00101	610MF	VS2-	1.00	1.24		0	27	P 2
99	154	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	2.17	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	VS2+	0.67	0.54		0	<20	P 2
103	154	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	2.00	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00153	610MC	BW2+	2.00	0.28		0	<20	P 2
105	154	C	TEC-TEH	TEC-TEH	8	00101	610MF	BW1+	2.00	0.37		0	<20	P 2
113	154	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	2.00	1.45		0	31	P 2
		H	TEH-01H	TEH-TEC		00118	610MF	BW1+	2.00	1.25		0	27	P 2
119	154	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	2.22	0.56		0	<20	P 2
123	154	C	TEC-TEH	TEC-TEH		00102	610MF	04C+	0.88	0.98		0	25	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	03C+	0.91	0.59		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
60	155	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.47		0	<20	P 2
78	155	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.29		0	<20	P 2
80	155	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.74	0.39		0	<20	P 2
82	155	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.90	0.49		0	<20	P 2
84	155	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.82	0.60		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.79	0.78		0	21	P 2
92	155	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1-	2.00	0.32		0	<20	P 2
94	155	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	1.86	0.55		0	<20	P 2
102	155	C	TEC-TEH	TEC-TEH	8	00153	610MC	BW2+	2.00	0.22		0	<20	P 2
112	155	H	BW1-BW1	BW1-BW1	1	00125	580AC	BW1-	1.53	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	1.84	0.49		0	<20	P 2
116	155	C	TEC-TEH	TEC-TEH		00101	610MF	BW1-	2.00	0.86		0	22	P 2
118	155	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	2.02	0.98		0	25	P 2
122	155	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1-	1.93	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1+	2.00	0.23		0	<20	P 2
17	156	H	TEH-TEC	TEH-TEC		00089	610MF	BW1-	2.00	0.55		0	<20	P 2
57	156	H	TEH-TEC	TEH-TEC		00105	610MF	BW2+	1.53	0.15		0	<20	P 2
67	156	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.84	0.66		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	08H+	1.48	0.57		0	<20	P 2
69	156	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	1.00	0.78		0	21	P 2
71	156	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.23		0	<20	P 2
79	156	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.78	0.29		0	<20	P 2
81	156	H	TEH-TEC	TEH-TEC		00105	610MF	BW1-	1.83	0.44		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.89	0.41		0	<20	P 2
83	156	H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	1.57	0.45		0	<20	P 2
87	156	H	TEH-TEC	TEH-TEC		00106	610MF	VS2-	1.00	0.59		0	<20	P 2
89	156	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	1.85	0.47		0	<20	P 2
91	156	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	1.90	0.56		0	<20	P 2
93	156	C	TEC-TEH	TEC-TEH		00102	610MF	08H-	0.12	1.01		0	27	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	BW1-	2.00	0.65		0	21	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	BW1+	2.00	0.38		0	<20	P 2
95	156	C	TEC-TEH	TEC-TEH		00101	610MF	BW1-	2.00	0.25		0	<20	P 2
97	156	C	TEC-TEH	TEC-TEH		00102	610MF	08H-	0.29	0.61		0	<20	P 2
99	156	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	1.77	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	VS2-	1.08	0.38		0	<20	P 2
107	156	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+	2.00	0.32		0	<20	P 2
111	156	C	TEC-TEH	TEC-TEH	8	00154	610MC	BW1-	1.91	0.10		0	<20	P 2
117	156	C	TEC-TEH	TEC-TEH		00102	610MF	06H-	0.91	0.27		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	BW2-	1.10	0.41		0	<20	P 2
66	157	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	0.06	1.51		0	32	P 2
68	157	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	1.92	0.18		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	VS3+	0.72	0.31		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	VS5-	1.00	0.28		0	<20	P 2
72	157	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.76	1.28		0	20	P 2
74	157	H	TEH-TEC	TEH-TEC		00105	610MF	VS3-	0.78	0.66		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00105	610MF	VS5-	0.60	0.68		0	<20	P 2

CONAM NUCLEAR, INC.

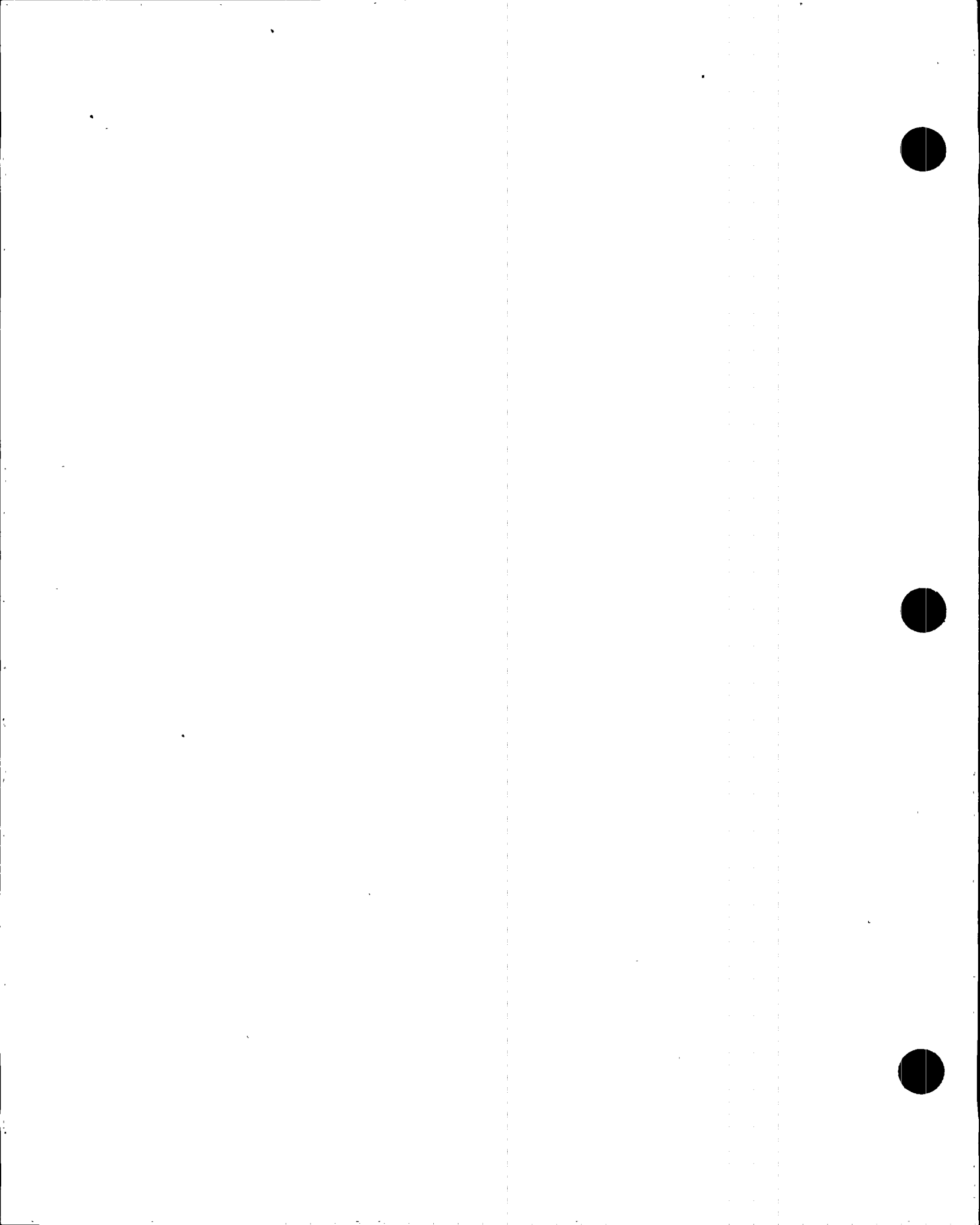
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MOUNTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
78	157	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 1.89	0.60			0	<20	P 2
80	157	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.54			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 2.00	0.43			0	<20	P 2
82	157	H	TEH-TEC	TEH-TEC		00105	610MF	BW1- 1.95	0.45			0	<20	P 2
84	157	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.75			0	24	P 2
86	157	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 1.98	0.30			0	<20	P 2
88	157	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.28			0	<20	P 2
94	157	C	TEC-TEH	TEC-TEH		00102	610MF	VS5- 1.00	0.57			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00102	610MF	08C+ 0.52	0.49			0	<20	P 2
106	157	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.73	0.55			0	<20	P 2
116	157	C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1- 1.88	0.36			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	VS2- 1.00	0.26			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	VS5+ 1.01	0.53			0	<20	P 2
118	157	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.86	0.99			0	27	P 2
35	158	H	TEH-TEC	TEH-TEC		00090	610MF	VS4- 0.73	0.58			0	<20	P 2
63	158	H	TEH-TEC	TEH-TEC		00106	610MF	BW2- 1.88	0.29			0	<20	P 2
65	158	H	TEH-TEC	TEH-TEC		00105	610MF	VS5- 0.60	0.54			0	<20	P 2
79	158	H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 2.00	0.79			0	<20	P 2
81	158	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+ 1.89	0.42			0	<20	P 2
83	158	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.15			0	<20	P 2
91	158	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 1.99	0.46			0	<20	P 2
93	158	C	TEC-TEH	TEC-TEH		00102	610MF	VS5- 1.00	0.38			0	<20	P 2
95	158	C	TEC-TEH	TEC-TEH		00101	610MF	08H- 0.28	0.32			0	<20	P 2
		C	TEC-TEH	TEC-TEH	10	00182	610MC	BW2- 2.00	0.35			0	<20	P 2
109	158	C	TEC-TEH	TSC-TEH		00102	610MF	VS3+ 0.74	0.57			0	<20	P 2
113	158	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.91	0.51			0	<20	P 2
28	159	H	TEH-TEC	TEH-TEC		00089	610MF	BW1+ 2.00	0.70			0	<20	P 2
66	159	H	TEH-TEC	TEH-TEC		00105	610MF	08H+ 1.23	1.27			0	29	P 2
68	159	H	TEH-TEC	TEH-TEC		00106	610MF	08H+ 0.95	0.35			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 2.00	0.40			0	<20	P 2
72	159	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.17			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	VS3- 0.87	0.70			0	20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 1.95	0.17			0	<20	P 2
80	159	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.23			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.66			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	VS5+ 0.78	0.37			0	<20	P 2
84	159	H	TEH-TEC	TEH-TEC		00106	610MF	BW1- 2.00	0.51			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+ 2.00	0.57			0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW2+ 1.87	0.49			0	<20	P 2
96	159	C	TEC-TEH	TEC-TEH		00101	610MF	08H+ 1.00	1.16			0	27	P 2
		C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.02	0.19			0	<20	P 2
100	159	C	TEC-TEH	TEC-TEH		00101	610MF	BW1+ 2.07	0.37			0	<20	P 2
102	159	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.69	0.55			0	<20	P 2
104	159	C	TEC-TEH	TEC-TEH		00101	610MF	08H+ 1.00	0.37			0	<20	P 2
114	159	C	TEC-TEH	TEC-TEH		00102	610MF	BW1+ 1.80	0.23			0	<20	P 2
116	159	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW2+ 2.00	0.18			0	<20	P 2

CONAM NUCLEAR, INC.



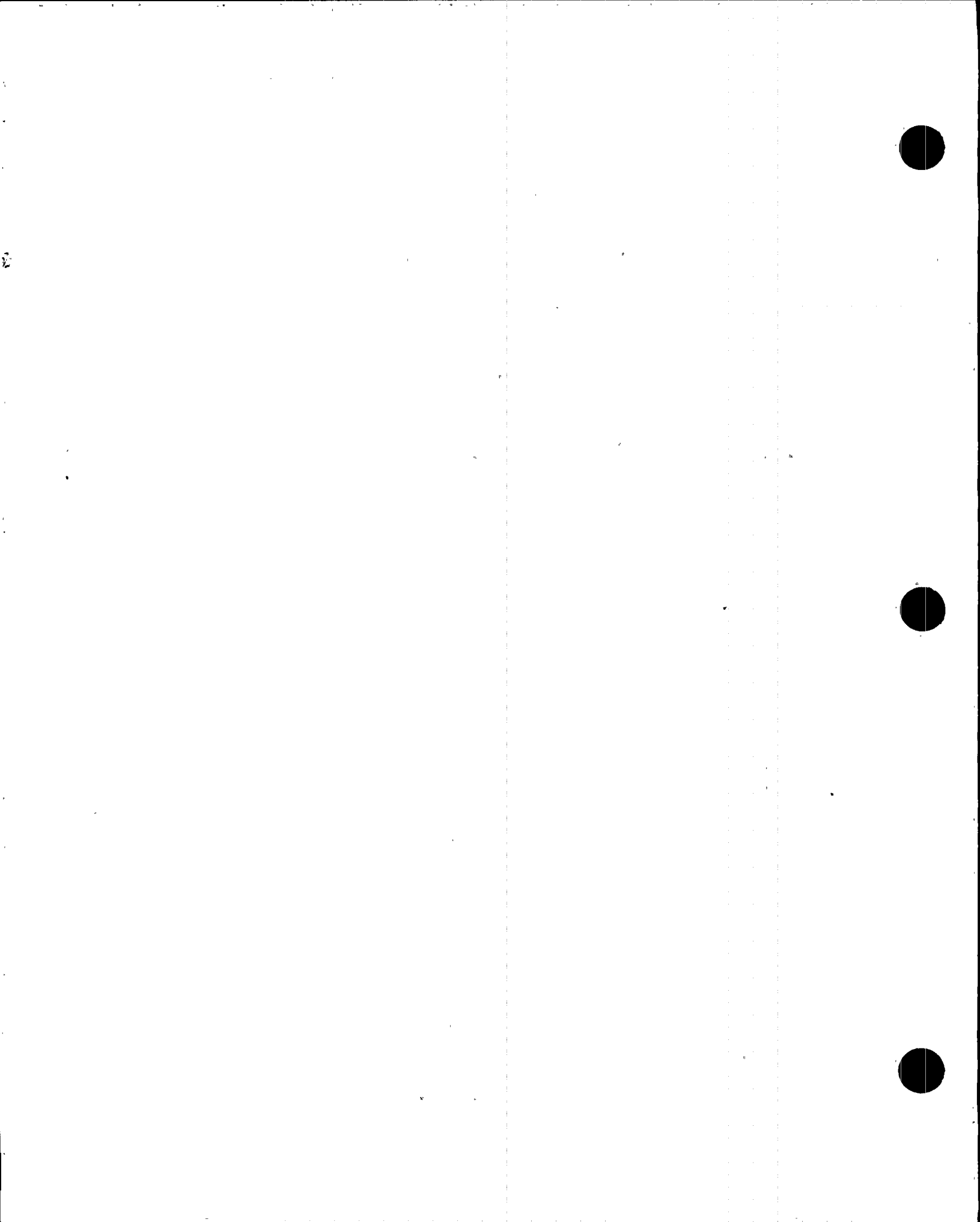
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
39	160	H	VS4-VS4	VS4-VS4	1	00125	580AC	VS4+	1.34	0.56		.25	SVI	P 2
67	160	H	TEH-TEC	TEH-TEC		00106	610MF	08H+	1.00	0.11		0	<20	P 2
79	160	H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.26		0	<20	P 2
81	160	H	TEH-TEC	TEH-TEC		00105	610MF	BW1+	2.00	0.45		0	<20	P 2
93	160	C	TEC-TEH	TEC-TEH	10	00182	610MC	VS2+	0.83	0.29		0	<20	P 2
97	160	C	TEC-TEH	TEC-TEH		00099	610MF	VS2+	0.82	0.82		0	21	P 2
101	160	H	TEH-TEC	TEH-TEC		00118	610MF	08H+	0.64	0.62		0	<20	P 2
113	160	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1+	2.00	0.30		0	<20	P 2
38	161	H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	1.00	0.85		0	<20	P 2
66	161	H	TEH-TEC	TEH-TEC		00105	610MF	BW2+	1.76	0.48		0	<20	P 2
70	161	H	TEH-TEC	TEH-TEC		00105	610MF	08H+	0.84	0.69		0	<20	P 2
72	161	H	TEH-TEC	TEH-TEC		00106	610MF	08H-	0.95	0.09		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	08H-	0.23	0.93		0	24	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.89	0.49		0	<20	P 2
74	161	H	TEH-TEC	TEH-TEC		00105	610MF	VS5-	0.45	0.72		0	20	P 2
80	161	H	TEH-TEC	TEH-TEC		00106	610MF	08H-	0.26	0.80		0	22	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	08H+	0.81	0.41		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1-	2.00	0.58		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW1+	2.00	0.49		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00106	610MF	BW2+	2.00	0.24		0	<20	P 2
94	161	C	TEC-TEH	TEC-TEH		00100	610MF	BW1+	2.05	0.13		0	<20	P 2
98	161	H	BW1-VS2	BW1-VS2	12	00175	580AC	BW1+	1.58	0.31		0	<20	P 2
100	161	H	BW1-VS2	BW1-VS2	12	00172	580AC	BW1+	1.74	0.45		0	<20	P 2
		H	BW1-VS2	BW1-VS2	12	00172	580AC	BW1+	5.09	1.20		.26	SVI	P 2
		H	BW1-VS2	BW1-VS2	12	00172	580AC	VS2-	0.54	0.26		0	<20	P 2
102	161	H	BW1-VS2	BW1-VS2	12	00175	580AC	VS2-	0.80	0.39		0	<20	P 2
110	161	C	TEC-TEH	TEC-TEH		00100	610MF	BW1-	1.92	0.36		0	<20	P 2
112	161	C	TEC-TEH	TEC-TEH		00099	610MF	BW1+	2.17	0.58		0	<20	P 2
39	162	H	TEH-TEC	TEH-TSC		00090	610MF	BW2+	1.72	0.79		0	<20	P 2
49	162	H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	0.83	1.09		0	23	P 2
59	162	H	TEH-TEC	TEH-TEC		00103	610MF	VS3+	0.67	0.66		0	<20	P 2
77	162	H	TEH-TEC	TEH-TEC		00103	610MF	BW1-	2.00	0.70		0	<20	P 2
79	162	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.87	0.24		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	VS5+	0.70	0.59		0	<20	P 2
81	162	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.86	0.62		0	<20	P 2
83	162	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.85	0.29		0	<20	P 2
89	162	H	TEH-TEC	TEH-TEC		00103	610MF	07H+	0.90	0.95		0	24	P 2
93	162	C	TEC-TEH	TEC-TEH		00099	610MF	07H+	0.93	0.94		0	24	P 2
95	162	C	TEC-TEH	TEC-TEH		00100	610MF	08H-	0.14	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00100	610MF	VS5-	0.58	0.47		0	<20	P 2
97	162	C	TEC-TEH	TEC-TEH		00099	610MF	07H+	0.89	0.69		0	<20	P 2
99	162	C	TEC-TEH	TEC-TEH		00100	610MF	08H-	0.26	0.69		0	25	P 2
		C	TEC-TEH	TEC-TEH		00100	610MF	BW2-	1.97	0.15		0	<20	P 2
103	162	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1-	1.86	0.33		0	<20	P 2
109	162	C	TEC-TEH	TEC-TEH		00099	610MF	VS2-	0.54	0.77		0	<20	P 2
38	163	H	TEH-TEC	TEH-TEC		00089	610MF	VS4-	1.00	0.44		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
42	163	H	TEH-TEC	TEH-TEC		00089	610MF	02H+	0.44	0.69		122	<20	P 1
50	163	H	TEH-TEC	TEH-TEC		00089	610MF	BW1+	2.00	0.52		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00089	610MF	VS4-	0.91	0.78		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00089	610MF	VS4+	1.03	0.51		0	<20	P 2
66	163	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	2.00	0.62		0	<20	P 2
72	163	H	TEH-TEC	TEH-TEC		00103	610MF	VS3-	0.81	0.86		0	23	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	VS5-	0.51	0.26		0	<20	P 2
74	163	H	TEH-TEC	TEH-TEC		00103	610MF	08H-	0.30	0.52		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.86	0.57		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.87	0.42		0	<20	P 2
80	163	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.54	0.51		0	<20	P 2
82	163	H	TEH-TEC	TEH-TEC		00103	610MF	08H-	0.45	0.65		0	<20	P 2
84	163	H	TEH-TEC	TEH-TEC		00103	610MF	VS3+	0.61	0.71		0	<20	P 2
94	163	C	TEC-TEH	TEC-TEH		00100	610MF	08H-	0.09	0.82		0	28	P 2
100	163	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1-	2.00	0.22		0	<20	P 2
102	163	C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1-	2.04	0.36		0	<20	P 2
104	163	C	TEC-TEH	TSC-TEH		00099	610MF	BW1+	1.74	0.52		0	<20	P 2
		H	TSC-TEC	TEH-TEC		00118	610MF	BW1+	1.80	0.63		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00099	610MF	BW2+	1.91	0.73		0	<20	P 2
		H	TSC-TEC	TEH-TEC		00118	610MF	BW2+	1.98	0.68		0	<20	P 2
08	163	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1-	1.96	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00099	610MF	BW1+	1.70	0.58		0	<20	P 2
73	164	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.00	0.65		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.88	0.65		0	<20	P 2
77	164	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.78	0.47		0	<20	P 2
85	164	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.83	0.27		0	<20	P 2
93	164	C	TEC-TEH	TEC-TEH		00099	610MF	BW1+	1.61	0.30		0	<20	P 2
95	164	C	TEC-TEH	TEC-TEH		00100	610MF	08H+	1.02	1.50		0	36	P 2
99	164	C	TEC-TEH	TEC-TEH		00100	610MF	08H-	1.03	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00100	610MF	BW1-	1.95	0.84		0	25	P 2
		C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1+	2.00	0.35		0	<20	P 2
103	164	C	TEC-TEH	TEC-TEH		00100	610MF	08H+	0.79	0.26		0	<20	P 2
46	165	H	TEH-TEC	TEH-TEC		00087	610MF	VS4-	0.71	0.65		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00087	610MF	VS4+	0.90	0.42		0	<20	P 2
58	165	H	TEH-TEC	TEH-TEC		00103	610MF	VS5-	0.65	0.70		0	<20	P 2
70	165	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.75	0.44		0	<20	P 2
76	165	H	TEH-TEC	TEH-TEC		00104	610MF	08H-	0.29	0.51		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	08H+	0.61	0.45		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	BW1-	1.91	0.18		0	<20	P 2
78	165	H	TEH-TEC	TEH-TEC		00103	610MF	VS5-	0.72	1.03		0	25	P 2
84	165	H	TEH-TEC	TEH-TEC		00104	610MF	BW1+	1.89	0.24		0	<20	P 2
86	165	H	TEH-TEC	TEH-TEC		00103	610MF	08H+	0.63	0.27		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00103	610MF	BW1+	1.80	0.35		0	<20	P 2
88	165	H	TEH-TEC	TEH-TEC		00104	610MF	BW1+	1.83	0.36		0	<20	P 2
96	165	C	TEC-TEH	TEC-TEH	10	00182	610MC	08H-	0.17	0.24		0	<20	P 2
04	165	C	TEC-TEH	TEC-TEH	10	00182	610MC	BW1+	2.10	0.26		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
106	165	C	TEC-TEH	TEC-TEH		00100	610MF	VS6- 0.86	0.45		0	<20	P 2
49	166	H	TEH-TEC	TEH-TEC		00087	610MF	BW1+ 1.95	0.20		0	<20	P 2
57	166	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+ 1.90	0.21		0	<20	P 2
67	166	H	TEH-TEC	TEH-TEC		00104	610MF	08H- 0.06	0.79		0	21	P 2
69	166	H	TEH-TEC	TEH-TEC		00103	610MF	BW1+ 1.90	0.63		0	<20	P 2
73	166	H	TEH-TEC	TEH-TEC		00103	610MF	BW1- 1.84	0.63		0	<20	P 2
81	166	H	TEH-TEC	TEH-TEC		00103	610MF	08H- 0.99	0.29		0	<20	P 2
87	166	H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.73	0.33		0	<20	P 2
89	166	H	TEH-TEC	TEH-TEC		00103	610MF	08H+ 0.72	0.68		0	<20	P 2
91	166	C	TEC-TEH	TEC-TEH		00099	610MF	08H+ 0.67	1.57		0	31	P 2
93	166	C	TEC-TEH	TEC-TEH	10	00183	610MC	BW1- 1.83	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00099	610MF	BW1+ 1.93	0.48		0	<20	P 2
99	166	C	TEC-TEH	TEC-TEH		00100	610MF	08H+ 0.51	0.42		0	<20	P 2
58	167	H	07H-07H	07H-07H	1	00124	600AC	07H- 1.09	0.59		0	<20	P 2
62	167	H	TEH-TEC	TEH-TEC		00103	610MF	BW1- 1.93	0.48		0	<20	P 2
70	167	H	TEH-TEC	TEH-TEC		00103	610MF	08H- 0.18	0.86		0	23	P 2
72	167	H	TEH-TEC	TEH-TEC		00104	610MF	07H+ 0.75	0.47		0	<20	P 2
78	167	H	TEH-TEC	TEH-TEC		00103	610MF	08H- 0.27	0.83		0	22	P 2
84	167	H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.59	0.73		0	20	P 2
94	167	C	TEC-TEH	TEC-TEH		00100	610MF	BW1- 2.00	0.36		0	<20	P 2
71	168	H	TEH-TEC	TEH-TSC		00104	610MF	08H+ 0.82	0.57		0	<20	P 2
87	168	H	TEH-TEC	TEH-TEC		00104	610MF	BW1+ 1.92	0.54		0	<20	P 2
99	168	C	TEC-TEH	TEC-TEH	10	00185	610MC	BW1+ 1.92	0.33		0	<20	P 2
46	169	H	TEH-TEC	TEH-TEC		00086	610MF	BW1+ 2.00	0.21		0	<20	P 2
66	169	H	TEH-TEC	TEH-TEC		00103	610MF	VS5- 0.63	0.87		0	22	P 2
68	169	H	TEH-TEC	TEH-TEC		00104	610MF	08H- 0.20	0.58		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.69	0.45		0	<20	P 2
70	169	H	TEH-TEC	TEH-TEC		00103	610MF	VS5- 0.71	0.53		0	<20	P 2
72	169	H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.75	0.25		0	<20	P 2
78	169	H	TEH-TEC	TEH-TEC		00103	610MF	08H+ 0.90	0.65		0	<20	P 2
80	169	H	TEH-TEC	TEH-TEC		00104	610MF	08H- 0.26	0.78		0	21	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.58	0.54		0	<20	P 2
88	169	H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.80	0.39		0	<20	P 2
37	170	H	TEH-TEC	TEH-TEC		00085	610MF	VS4+ 0.55	0.30		0	<20	P 2
71	170	H	TEH-TEC	TEH-TEC		00104	610MF	08H- 0.94	1.56		0	32	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.94	0.49		0	<20	P 2
75	170	H	TEH-TEC	TEH-TEC		00104	610MF	07H- 0.87	0.26		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00104	610MF	08H+ 0.73	0.29		0	<20	P 2
32	171	H	TEH-TEC	TEH-TEC		00085	610MF	VS4- 0.60	0.29		0	<20	P 2
46	171	H	TEH-TEC	TEH-TEC		00086	610MF	BW1+ 2.00	0.21		0	<20	P 2
54	171	H	TEH-TEC	TEH-TEC		00101	610MF	VS4- 0.49	0.54		0	<20	P 2
58	171	H	TEH-TEC	TEH-TEC		00101	610MF	BW1+ 1.94	0.65		0	<20	P 2
60	171	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+ 1.90	0.44		0	<20	P 2
68	171	H	TEH-TEC	TEH-TEC		00101	610MF	07H+ 0.85	0.44		0	<20	P 2
70	171	H	TEH-TEC	TEH-TEC		00101	610MF	08H- 1.15	0.32		0	<20	P 2
74	171	H	TEH-TEC	TEH-TEC		00101	610MF	08H+ 0.81	0.41		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 31
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
74	171	H	TEH-TEC	TEH-TEC	10	00101	610MF	BW1+	1.85	0.51		0	<20	P 2
90	171	C	TEC-TEH	TEC-TEH		00185	610MC	BW1-	1.75	0.71		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	VS6-	0.52	0.59		0	<20	P 2
15	172	H	TEH-TEC	TEH-TEC		00086	610MF	BW1+	2.00	0.62		0	<20	P 2
39	172	H	TEH-TEC	TEH-TEC		00086	610MF	VS4-	0.68	0.58		0	<20	P 2
43	172	H	TEH-TEC	TEH-TEC		00086	610MF	VS4-	0.77	0.19		0	<20	P 2
47	172	H	TEH-TEC	TEH-TEC		00086	610MF	VS4-	0.73	0.54		0	<20	P 2
57	172	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+	1.98	0.38		0	<20	P 2
65	172	H	TEH-TEC	TEH-TEC		00102	610MF	08H-	1.00	0.58		0	<20	P 2
		H	BW1-BW1	BW1-BW1		00125	580AC	BW1+	1.62	0.96		0	27	P 2
		H	TEH-TEC	TEH-TEC	1	00102	610MF	BW1+	2.00	0.52		0	<20	P 2
67	172	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	1.01	1.26		0	29	P 2
71	172	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	0.64	0.78		0	21	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	BW1-	1.92	0.45		0	<20	P 2
75	172	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	0.46	0.94		0	24	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	BW1+	1.85	0.53		0	<20	P 2
83	172	H	TEH-TEC	TEH-TEC		00102	610MF	VS5-	0.84	0.79		0	21	P 2
85	172	H	TEH-TEC	TEH-TEC		00101	610MF	VS3-	0.66	0.46		0	<20	P 2
64	173	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+	1.81	0.55		0	<20	P 2
66	173	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	1.50	1.12		0	26	P 2
72	173	H	TEH-TEC	TEH-TEC	1	00102	610MF	VS5-	0.67	0.47		0	<20	P 2
76	173	H	TEH-TEC	TEH-TEC		00102	610MF	VS3+	0.86	0.44		0	<20	P 2
78	173	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	0.49	0.61		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	VS3-	0.61	0.49		0	<20	P 2
82	173	H	TEH-TEC	TEH-TEC		00101	610MF	VS3-	0.72	0.48		0	<20	P 2
35	174	H	TEH-TEC	TEH-TEC		00085	610MF	VS4-	0.56	0.95		0	23	P 2
49	174	H	TEH-TEC	TEH-TEC		00086	610MF	VS4-	0.81	0.56		0	<20	P 2
61	174	H	TEH-TEC	TEH-TEC		00101	610MF	07H+	0.83	0.33		0	<20	P 2
63	174	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+	1.86	0.60		0	<20	P 2
65	174	H	TEH-TEC	TEH-TEC		00101	610MF	07H+	0.86	0.26		0	<20	P 2
		H	TEH-TEC	TEH-TEC	1	00101	610MF	08H-	1.24	1.21		0	28	P 2
69	174	H	TEH-TEC	TEH-TEC		00101	610MF	08H+	0.77	0.54		0	<20	P 2
38	175	H	TEH-TEC	TEH-TEC		00085	610MF	VS4-	0.61	0.31		0	<20	P 2
56	175	H	TEH-TEC	TEH-TEC		00102	610MF	07H+	1.00	0.38		0	<20	P 2
58	175	H	TEH-TEC	TEH-TEC		00101	610MF	07H+	0.83	0.72		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	VS3+	0.54	1.02		0	25	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	VS5-	0.43	0.57		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00101	610MF	VS5+	0.54	0.48		0	<20	P 2
60	175	H	TEH-TEC	TEH-TEC		00102	610MF	VS3-	0.55	0.63		0	<20	P 2
45	176	H	TEH-TEC	TEH-TEC		00082	610MF	VS4-	1.01	0.59		0	<20	P 2
		H	TEH-TEC	TEH-TEC	1	00082	610MF	VS4+	0.63	0.60		0	<20	P 2
79	176	H	TEH-TEC	TEH-TEC		00101	610MF	04C+	0.82	0.56		0	<20	P 2
44	177	H	TEH-TEC	TEH-TEC		00119	610MF	BW1+	1.95	0.62		0	<20	P 2
48	177	H	TEH-TEC	TEH-TEC		00082	610MF	VS4-	0.84	1.22		0	27	P 2
58	177	H	TEH-TEC	TEH-TEC		00101	610MF	VS5-	0.48	0.59		0	<20	P 2
55	178	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+	1.90	0.41		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

LAST PAGE

STEAM GENERATOR : 31
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM PROGRAM	EXTENT ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT MIL	DEG	%	CH
32	179	H	TEH-TEC	TEH-TEC		00082	610MF	BW1+ 1.96	0.76		0	<20	P 2
44	179	H	TEH-TEC	TEH-TEC		00082	610MF	VS4+ 1.03	0.92		0	24	P 2
54	179	H	TEH-TEC	TEH-TEC		00101	610MF	BW1+ 1.87	0.30		0	<20	P 2
58	179	H	TEH-TEC	TEH-TEC		00101	610MF	VS3- 0.65	0.58		0	<20	P 2
66	179	H	TEH-TEC	TEH-TEC		00101	610MF	BW1+ 1.79	0.62		0	<20	P 2
47	180	H	TEH-TEC	TEH-TEC		00081	610MF	BW1+ 1.96	0.61		0	<20	P 2
49	180	H	TEH-TEC	TEH-TEC		00082	610MF	BW1+ 1.87	0.15		0	<20	P 2
51	180	H	TEH-TEC	TEH-TEC		00101	610MF	BW1+ 1.85	0.35		0	<20	P 2
50	181	H	TEH-TEC	TEH-TEC		00082	610MF	BW1+ 1.84	0.16		0	<20	P 2
52	181	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+ 1.89	0.16		0	<20	P 2
33	182	H	TEH-TEC	TEH-TEC		00080	610MF	07H+ 0.64	0.48		0	<20	P 2
37	182	H	TEH-TEC	TEH-TEC		00080	610MF	06H+ 0.69	0.74		0	22	P 2
41	182	H	TEH-TEC	TEH-TEC		00080	610MF	VS4+ 0.81	0.42		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00080	610MF	BW2+ 1.94	0.53		0	<20	P 2
43	182	H	TEH-TEC	TEH-TEC		00079	610MF	BW1+ 1.99	0.33		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00079	610MF	VS4+ 0.76	0.91		0	24	P 2
45	182	H	TEH-TEC	TEH-TEC		00080	610MF	BW1+ 2.00	0.26		0	<20	P 2
51	182	H	TEH-TEC	TEH-TEC		00102	610MF	BW1+ 1.88	0.35		0	<20	P 2
45	184	H	TEH-TEC	TEH-TEC		00080	610MF	BW1+ 2.00	0.69		0	20	P 2
24	187	H	TEH-TEC	TEH-TEC		00078	610MF	07H- 0.89	0.43		0	<20	P 2

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 1825
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 2550

NO TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

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

REPORT OPTIONS:

Only examination results matching criteria are included

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MONTAGE DATA SET : CURRENT
CORRECTION VARIABLES: Percent

PAGE: 1 OF 49
DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
8	1	C	TEC-TEH	TEC-TEH		00085	590MF	03C-	0.26	0.45		0	<20	P 2
20	3	H	TEH-TEC	TEH-TEC		00041	610MF	BW2-	1.80	0.44		0	<20	P 2
47	6	H	TEH-TEC	TEH-TEC		00041	610MF	BW1+	2.00	0.88		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00041	610MF	VS4-	0.82	0.73		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00041	610MF	VS4+	0.82	0.81		0	20	P 2
22	7	H	TEH-TEC	TEH-TEC		00040	610MF	BW2-	2.00	0.45		0	<20	P 2
46	7	H	TEH-TEC	TEH-TEC		00040	610MF	BW1-	1.85	0.65		0	<20	P 2
13	8	H	TEH-TEC	TEH-TEC		00040	610MF	BW2-	2.02	0.37		0	<20	P 2
42	9	H	TEH-TEC	TEH-TEC		00039	610MF	VS4-	0.60	0.25		0	<20	P 2
64	9	C	TEC-TEH	TEC-TEH		00081	610MF	07H+	0.88	0.27		0	<20	P 2
65	10	C	TEC-TEH	TEC-TEH		00081	610MF	BW2-	1.74	0.45		0	<20	P 2
70	11	C	TEC-TEH	TEC-TEH		00081	610MF	BW2-	1.88	0.19		0	<20	P 2
55	12	C	TEC-TEH	TEC-TEH		00080	610MF	BW1-	1.89	0.19		0	<20	P 2
72	13	C	TEC-TEH	TEC-TEH		00081	610MF	VS5-	0.89	0.36		0	<20	P 2
71	14	C	TEC-TEH	TEC-TEH		00080	610MF	BW2-	1.66	0.23		0	<20	P 2
75	14	C	TEC-TEH	TEC-TEH		00080	610MF	08H+	0.75	0.42		0	<20	P 2
52	15	C	TEC-TEH	TEC-TEH		00081	610MF	BW2+	1.98	0.33		0	<20	P 2
56	15	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+	1.77	0.61		0	<20	P 2
70	15	C	TEC-TEH	TEC-TEH		00080	610MF	08H+	0.71	0.82		0	22	P 2
76	15	C	TEC-TEH	TEC-TEH		00081	610MF	08H+	0.86	0.22		0	<20	P 2
41	16	H	TEH-TEC	TEH-TEC		00037	610MF	BW1+	2.00	0.39		0	<20	P 2
57	16	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+	1.72	0.45		0	<20	P 2
59	16	C	TEC-TEH	TEC-TEH		00080	610MF	BW1+	1.92	0.82		0	<20	P 2
69	16	C	TEC-TEH	TEC-TEH		00104	610MF	08H+	0.65	0.30		0	<20	P 2
81	16	C	TEC-TEH	TEC-TEH		00081	610MF	VS5-	0.95	0.40		0	<20	P 2
56	17	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+	2.07	0.38		0	<20	P 2
66	17	C	TEC-TEH	TEC-TEH		00080	610MF	08H+	0.67	0.61		0	<20	P 2
72	17	C	TEC-TEH	TEC-TEH		00081	610MF	08H+	0.67	0.44		0	<20	P 2
78	17	C	TEC-TEH	TEC-TEH		00080	610MF	08H+	0.76	0.42		0	<20	P 2
80	17	C	TEC-TEH	TEC-TEH		00081	610MF	BW1+	2.00	0.40		0	<20	P 2
84	17	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.08	0.52		0	<20	P 2
88	17	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	2.18	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	03C-	0.99	0.50		0	<20	P 2
57	18	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.76	0.78		0	21	P 2
65	18	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.39		0	<20	P 2
81	18	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.94	0.41		0	<20	P 2
50	19	H	TEH-TEC	TEH-TEC		00035	610MF	BW1+	1.72	0.37		0	<20	P 2
56	19	C	TEC-TEH	TEC-TEH		00078	610MF	09H+	1.78	0.46		0	<20	P 2
58	19	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.42		0	<20	P 2
60	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.07	0.63		0	<20	P 2
68	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.85	0.15		0	<20	P 2
72	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.01	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	VS3+	0.98	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	VS5-	0.92	1.07		0	25	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	VS5+	0.80	1.33		0	28	P 2
80	19	C	TEC-TEH	TEC-TEH		00078	610MF	08H+	0.58	1.55		0	27	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
80	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.03	0.34		0	<20	P 2
84	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW2+	2.00	0.23		0	<20	P 2
88	19	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.93	0.63		0	<20	P 2
27	20	H	TEH-TEC	TEH-TEC		00035	610MF	BW1+	1.96	0.21		0	<20	P 2
39	20	H	TEH-TEC	TEH-TEC		00035	610MF	BW1+	1.80	0.27		0	<20	P 2
43	20	H	TEH-TEC	TEH-TEC		00035	610MF	BW1-	1.69	0.39		0	<20	P 2
49	20	H	TEH-TEC	TEH-TEC		00035	610MF	BW1+	1.80	0.23		0	<20	P 2
51	20	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.00	0.36		0	<20	P 2
63	20	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.00	0.76		0	20	P 2
65	20	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.95	1.00		0	25	P 2
73	20	C	TEC-TEH	TEC-TEH		00079	610MF	VS5-	0.75	0.30		0	<20	P 2
77	20	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	2.00	0.87		0	23	P 2
79	20	C	TEC-TEH	TEC-TEH		00078	610MF	BW1-	2.00	0.89		0	<20	P 2
81	20	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.93	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	VS5-	0.78	0.38		0	<20	P 2
58	21	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	1.72	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.86	0.38		0	<20	P 2
68	21	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.00	1.49		0	26	P 2
74	21	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.01	0.65		0	<20	P 2
76	21	C	TEC-TEH	TEC-TEH		00078	610MF	BW1-	2.04	0.19		0	<20	P 2
78	21	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.19	0.70		0	20	P 2
80	21	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.97	0.19		0	<20	P 2
84	21	C	TEC-TEH	TEC-TEH		00078	610MF	VS3-	1.00	0.63		0	<20	P 2
86	21	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.82	0.93		0	24	P 2
88	21	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.00	0.77		0	<20	P 2
92	21	C	TEC-TEH	TEC-TEH		00115	610MC	BW1-	2.00	0.20		0	<20	P 2
21	22	C	TEC-TEH	TEC-TEH		00082	610MF	BW2+	1.92	0.35		0	<20	P 2
37	22	H	TEH-TEC	TEH-TEC		00035	610MF	BW1+	1.84	0.30		0	<20	P 2
51	22	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.50		0	<20	P 2
73	22	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.14	0.18		0	<20	P 2
75	22	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.52		0	<20	P 2
77	22	C	TEC-TEH	TEC-TEH		00078	610MF	08H+	0.79	1.23		0	23	P 2
85	22	C	TEC-TEH	TEC-TEH		00078	610MF	08H+	0.78	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.01	0.63		0	<20	P 2
87	22	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.88	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.15	1.26		0	24	P 2
89	22	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.84	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	1.05		0	27	P 2
34	23	H	TEH-TEC	TEH-TSC		00033	610MF	BW2-	2.00	0.17		0	<20	P 2
		C	TEC-TSC	TEC-TEH		00082	610MF	BW2-	2.00	0.27		0	<20	P 2
38	23	H	TEH-TEC	TEH-TEC		00033	610MF	BW1+	1.85	0.45		0	<20	P 2
52	23	C	TEC-TEH	TEC-TEH		00078	610MF	VS4+	0.79	0.40		0	<20	P 2
58	23	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.33		0	<20	P 2
62	23	C	TEC-TEH	TEC-TEH		00079	610MF	05C+	0.22	0.33		0	<20	P 2
64	23	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.05	0.28		0	<20	P 2
76	23	C	TEC-TEH	TEC-TEH		00078	610MF	08H-	0.95	0.32		0	<20	P 2

CONAM NUCLEAR, INC.

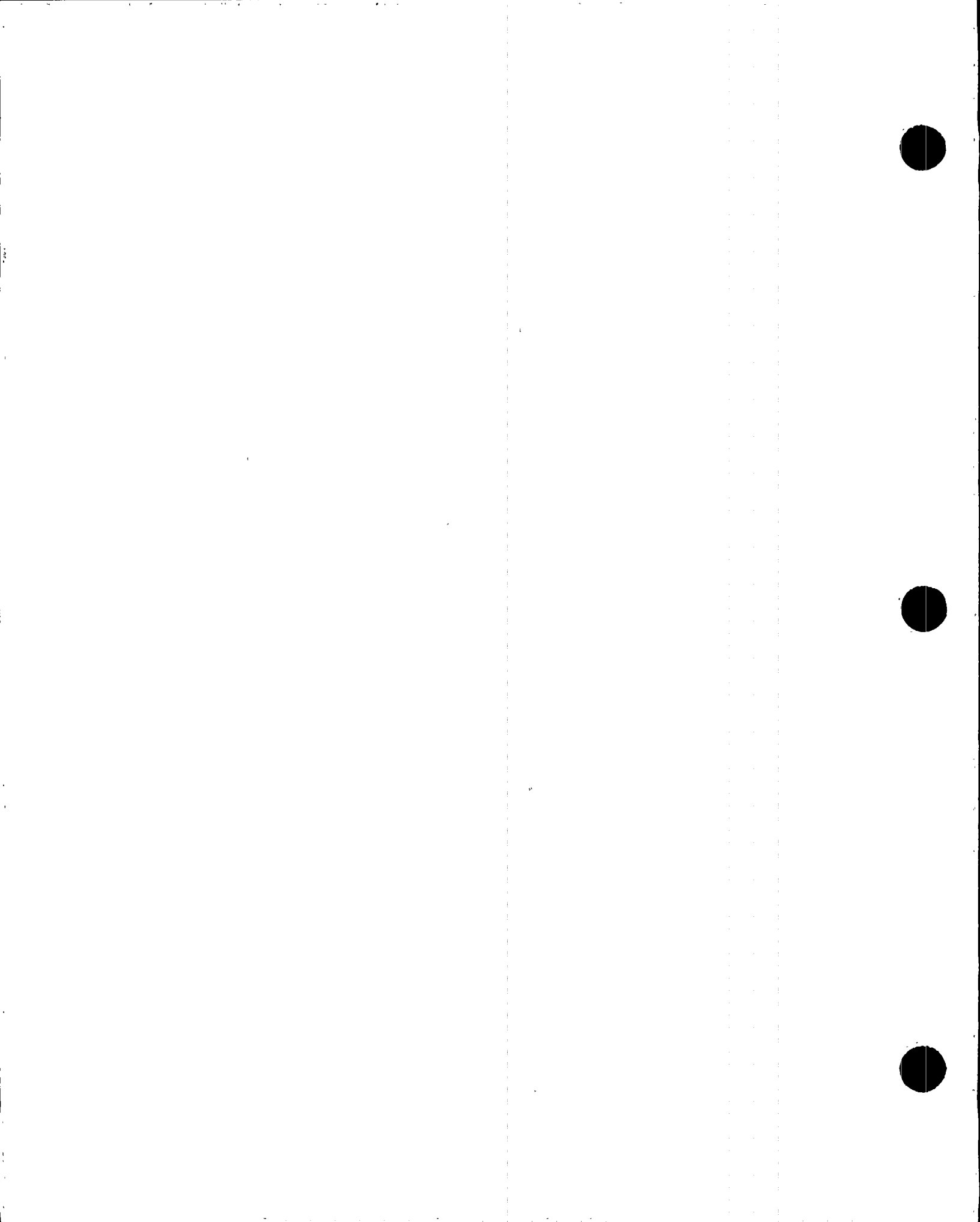
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MONTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

PAGE: 3 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
80	23	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.81	0.50		0	<20	P 2
84	23	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.98	0.29		0	<20	P 2
86	23	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.55		0	<20	P 2
88	23	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.90	1.45		0	29	P 2
61	24	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	1.91	0.29		0	<20	P 2
69	24	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.63		0	<20	P 2
79	24	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.99	0.23		0	<20	P 2
83	24	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.81	0.67		0	20	P 2
85	24	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	2.02	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.00	0.74		0	22	P 2
87	24	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.14	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW2+	2.00	0.34		0	<20	P 2
89	24	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.05	0.61		0	<20	P 2
91	24	C	TEC-TEH	TEC-TEH		00116	610MC	08H+	0.78	0.61		0	<20	P 2
97	24	C	TEC-TEH	TEC-TEH		00115	610MC	VS3+	1.27	0.26		0	<20	P 2
2	25	C	TEC-07H	TEC-07H		00095	580MF	02C-	0.98	1.13		0	28	P 2
40	25	H	TEH-TEC	TEH-TEC		00031	610MF	BW1+	2.00	0.41		0	<20	P 2
42	25	H	TEH-TEC	TEH-TEC		00032	610MF	BW1+	2.00	0.22		0	<20	P 2
56	25	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.60	0.34		0	<20	P 2
58	25	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.91	0.41		0	<20	P 2
68	25	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.02	0.17		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	VS3-	0.90	0.55		0	<20	P 2
74	25	C	TEC-TEH	TEC-TEH		00079	610MF	07C+	12.46	0.68	151	<20	1	
76	25	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.85	0.34		0	<20	P 2
80	25	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.80	0.32		0	<20	P 2
86	25	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.90	0.32		0	<20	P 2
88	25	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.83	1.09		0	21	P 2
90	25	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	1.92	0.29		0	<20	P 2
94	25	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.73	0.23		0	<20	P 2
96	25	C	TEC-TEH	TEC-TEH		00116	610MC	BW2-	1.52	0.31		0	<20	P 2
106	25	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.51	0.25		0	<20	P 2
29	26	H	TEH-TEC	TEH-TEC		00031	610MF	BW1+	2.00	0.21		0	<20	P 2
55	26	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	1.72	0.27		0	<20	P 2
57	26	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+	2.04	0.67		0	<20	P 2
59	26	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.03	0.70		0	<20	P 2
61	26	C	TEC-TEH	TEC-TEH		00079	610MF	BW1-	2.00	0.39		0	<20	P 2
65	26	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	1.35	0.20		0	<20	P 2
69	26	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.81	0.31		0	<20	P 2
71	26	C	TEC-TEH	TEC-TEH		00078	610MF	08H-	0.88	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW1+	2.00	0.48		0	<20	P 2
73	26	C	TEC-TEH	TEC-TEH		00079	610MF	08H+	0.84	0.95		0	26	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	VS3+	0.82	0.41		0	<20	P 2
75	26	C	TEC-TEH	TEC-TEH		00078	610MF	08H-	0.13	0.82		0	22	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	08H+	0.89	1.19		0	28	P 2
83	26	C	TEC-TEH	TEC-TEH		00078	610MF	08H+	0.92	0.84		0	22	P 2
87	26	C	TEC-TEH	TEC-TEH		00078	610MF	07H-	1.02	0.59		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 32
MONTAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
87	26	C	TEC-TEH	TEC-TEH		00078	610MF	BW1- 1.90	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 2.00	0.59		0	<20	P 2
89	26	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.78	0.37		0	<20	P 2
101	26	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+ 1.85	0.58		0	<20	P 2
105	26	C	TEC-TEH	TEC-TEH		00115	610MC	BW2+ 1.82	0.23		0	<20	P 2
58	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 1.75	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 1.92	0.53		0	<20	P 2
60	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 1.72	0.74		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.76		0	<20	P 2
62	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 1.78	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 1.98	0.51		0	<20	P 2
64	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.35		0	<20	P 2
66	27	C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1- 2.00	0.46		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00009	610MF	BW1- 1.82	0.20		0	<20	P 2
68	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1- 2.00	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1- 2.00	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.24		0	<20	P 2
74	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.32		0	<20	P 2
76	27	C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 1.80	0.35		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.30		0	<20	P 2
82	27	C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 1.61	0.53		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.46		0	<20	P 2
84	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1- 2.00	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1- 2.00	0.32		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.46		0	<20	P 2
86	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 2.00	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.67		0	<20	P 2
94	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 1.95	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 2.00	0.50		0	<20	P 2
106	27	H	TEH-TEC	TEH-TEC		00009	610MF	BW1+ 1.90	0.73		0	20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	BW1+ 1.96	0.64		0	<20	P 2
11	28	C	TEC-TEH	TEC-TEH		00082	610MF	BW2+ 2.05	0.37		0	<20	P 2
15	28	H	TEH-TEC	TEH-TEC		00031	610MF	BW1- 2.00	0.21		0	<20	P 2
51	28	C	TEC-TEH	TEC-TEH		00078	610MF	VS4+ 0.75	0.85		0	<20	P 2
53	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 2.00	0.66		0	20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW2- 2.00	0.39		0	<20	P 2
57	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.98	0.70		0	20	P 2
59	28	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 1.98	0.63		0	<20	P 2
61	28	C	TEC-TEH	TEC-TEH		00079	610MF	VS3- 0.81	0.49		0	<20	P 2
69	28	C	TEC-TEH	TEC-TEH		00079	610MF	VS5+ 0.94	0.46		0	<20	P 2
73	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 1.92	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 2.00	0.63		0	<20	P 2
77	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 1.88	0.24		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
79	28	C	TEC-TEH	TEC-TEH		00079	610MF	08H+ 0.88	1.16			0	27	P 2
81	28	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 2.00	0.40			0	<20	P 2
83	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1- 2.10	0.53			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 1.86	0.49			0	<20	P 2
85	28	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 2.05	0.29			0	<20	P 2
87	28	C	TEC-TEH	TEC-TEH		00079	610MF	BW1+ 2.00	1.08			0	28	P 2
95	28	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.85	0.65			0	<20	P 2
103	28	C	TEC-TEH	TEC-TEH		00114	610MC	08H+ 0.80	0.64			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.56	0.79			0	<20	P 2
105	28	C	TEC-TEH	TEC-TEH		00113	610MC	08H+ 0.75	0.26			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MC	BW1+ 1.94	0.83			0	22	P 2
107	28	C	TEC-TEH	TEC-TEH		00114	610MC	BW2+ 1.79	0.40			0	<20	P 2
52	29	C	TEC-TEH	TEC-TEH		00078	610MF	BW1+ 2.00	0.32			0	<20	P 2
60	29	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 1.87	0.26			0	<20	P 2
68	29	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 1.76	0.96			0	<20	P 2
70	29	C	TEC-TEH	TEC-TEH		00077	610MF	BW1- 1.96	0.28			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	BW1+ 2.00	0.50			0	<20	P 2
72	29	C	TEC-TEH	TEC-TEH		00076	610MF	08H+ 0.89	0.40			0	<20	P 2
76	29	C	TEC-TEH	TEC-TEH		00076	610MF	08H- 1.02	0.57			0	<20	P 2
80	29	C	TEC-TEH	TEC-TEH		00076	610MF	08H+ 0.68	0.63			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 2.00	0.53			0	<20	P 2
84	29	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 1.91	0.51			0	<20	P 2
86	29	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+ 1.87	0.57			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	VS3- 1.00	0.53			0	<20	P 2
88	29	C	TEC-TEH	TEC-TEH		00104	610MF	BW2+ 1.90	0.24			0	<20	P 2
		C	TEC-TEH	TSC-TEH		00076	610MF	BW2+ 1.92	0.28			0	<20	P 2
94	29	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.85	1.07			0	22	P 2
100	29	C	TEC-TEH	TEC-TEH		00113	610MC	BW1- 1.61	0.41			0	<20	P 2
102	29	C	TEC-TEH	TEC-TEH		00114	610MC	08H+ 0.72	1.89			0	34	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1- 1.72	0.73			0	<20	P 2
106	29	C	TEC-TEH	TEC-TEH		00114	610MC	BW1- 1.72	0.33			0	<20	P 2
39	30	H	TEH-TEC	TEH-TEC		00031	610MF	BW1+ 2.00	0.14			0	<20	P 2
57	30	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+ 2.00	0.44			0	<20	P 2
59	30	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+ 2.00	0.70			0	20	P 2
71	30	C	TEC-TEH	TEC-TEH		00077	610MF	BW1- 2.03	0.42			0	<20	P 2
81	30	C	TEC-TEH	TSC-TEH		00076	610MF	BW1+ 1.80	0.22			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 1.95	0.16			0	<20	P 2
83	30	C	TEC-TEH	TEC-TSH		00077	610MF	BW1+ 1.71	0.19			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+ 2.08	0.21			0	<20	P 2
85	30	H	08H-VS5	08H-VS5	5	00232	580AC	BW1- 1.80	0.26			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+ 1.74	0.42			0	<20	P 2
		H	08H-VS5	08H-VS5	5	00232	580AC	BW1+ 1.87	0.41			0	<20	P 2
		H	08H-VS5	08H-VS5	5	00232	580AC	VS3- 1.04	0.42			0	<20	P 2
		H	08H-VS5	08H-VS5	5	00232	580AC	VS3- 1.03	1.31			0	30	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	VS3- 0.88	1.60			0	29	P 2
		H	08H-VS5	08H-VS5	5	00232	580AC	VS5- 0.58	0.31			0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
85	30	C	TEC-TEH	TEC-TEH		00076	610MF	VS5+	0.78	0.89		0	20	P 2
		H	08H-VS5	08H-VS5	5	00232	580AC	VS5+	1.06	0.51		0	<20	P 2
87	30	C	TEC-TEH	TEC-TEH		00077	610MF	BW2+	1.88	0.21		0	<20	P 2
89	30	H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.76	0.79		0	<20	P 2
93	30	C	TEC-TEH	TEC-TEH		00113	610MC	BW1+	1.62	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.81	0.25		0	<20	P 2
95	30	C	TEC-TEH	TEC-TEH		00113	610MC	BW1+	1.66	0.79		0	21	P 2
		H	08H-VS3	08H-VS3	5	00235	580AC	BW1+	1.84	1.14		0	24	P 2
97	30	H	08H-VS3	08H-VS3	5	00235	580AC	BW1-	2.00	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00235	580AC	VS2+	9.38	0.84	.34		SVI	P 2
99	30	H	08H-VS3	08H-VS5	5	00176	580AC	BW1-	1.96	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MC	BW1-	1.85	0.36		0	<20	P 2
101	30	C	TEC-TEH	TEC-TEH		00114	610MC	08H+	0.94	0.91		0	24	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1-	1.88	0.56		0	<20	P 2
103	30	C	TEC-TEH	TEC-TEH		00113	610MC	08H+	0.81	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	08H+	0.81	0.61		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	BW1-	1.83	0.26		0	<20	P 2
105	30	C	TEC-TEH	TEC-TEH		00114	610MC	08H+	0.94	0.73		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00177	580AC	08H+	1.00	0.46		0	<20	P 2
107	30	H	08H-VS3	08H-VS3	5	00176	580AC	08H-	0.04	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MC	08H+	0.71	0.31		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	08H+	0.81	0.31		0	<20	P 2
6	31	H	TEH-01H	TEH-01H	1	00158	600AC	TEH+	2.69	19.69	2.1		SAI	P 2
52	31	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.89	0.46		0	<20	P 2
		C	TEC-TEH	TSC-TEH		00077	610MF	BW1+	1.96	0.28		0	<20	P 2
54	31	C	TEC-TEH	TSC-TEH		00077	610MF	BW1+	2.00	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.12	0.24		0	<20	P 2
60	31	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+	2.00	0.50		0	<20	P 2
68	31	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.95	0.65		0	<20	P 2
72	31	C	TEC-TEH	TEC-TEH		00076	610MF	BW1-	1.98	0.18		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.53	0.36		0	<20	P 2
78	31	C	TEC-TEH	TEC-TEH		00077	610MF	08H-	0.98	0.26		0	<20	P 2
82	31	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+	2.00	0.31		0	<20	P 2
84	31	H	08H-VS5	08H-VS5	5	00232	580AC	BW1+	1.93	0.34		0	<20	P 2
86	31	H	08H-VS5	08H-VS5	5	00235	580AC	08H+	0.97	0.41		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00235	580AC	BW1+	1.95	0.40		0	<20	P 2
88	31	H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.50	0.77		0	22	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.85	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW2+	1.96	0.38		0	<20	P 2
94	31	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+	1.85	1.28		0	25	P 2
		H	08H-VS3	08H-VS3	5	00235	580AC	BW1+	1.86	1.22		0	24	P 2
96	31	H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.64	0.25		0	<20	P 2
102	31	H	08H-VS3	08H-VS3	5	00177	580AC	BW1+	1.60	1.12		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1+	1.76	1.18		0	24	P 2
104	31	H	08H-VS3	08H-VS3		00176	580AC	BW1+	0.99	0.40	.14		SVI	P 2
08	31	H	08H-VS3	08H-VS3	5	00176	580AC	BW1+	1.95	0.55		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
55	32	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.71	0.44		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00032	610MF	BW1+	2.00	0.20		0	<20	P 2
57	32	H	TEH-TEC	TEH-TEC		00031	610MF	BW1+	2.00	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	BW1+	2.00	0.28		0	<20	P 2
59	32	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.97	0.14		0	<20	P 2
67	32	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.78	0.98		0	<20	P 2
69	32	C	TEC-TEH	TEC-07C		00077	610MF						OBS	
75	32	C	TEC-TEH	TEC-TEH		00076	610MF	VS3-	0.70	0.28		0	<20	P 2
83	32	C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	1.98	0.73		0	<20	P 2
85	32	H	08H-VS5	08H-VS5	5	00235	580AC	BW1+	2.00	0.48		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00235	580AC	VS3-	1.18	0.42		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00235	580AC	VS5-	1.11	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00077	610MF	VS5-	0.89	0.28		0	<20	P 2
89	32	C	TEC-TEH	TEC-TEH		00077	610MF	BW1+	2.00	0.32		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00144	610MC	BW1+	2.00	0.44		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	2.05	0.53		0	<20	P 2
95	32	H	08H-VS3	08H-VS3	5	00235	580AC	BW1+	1.37	0.46		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MC	BW1+	1.64	0.36		0	<20	P 2
97	32	C	TEC-TEH	TEC-TEH		00114	610MC	BW1-	2.05	0.40		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	BW1-	1.82	0.66		0	<20	P 2
99	32	C	TEC-TEH	TEC-TEH		00113	610MC	BW1-	2.10	0.43		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00177	580AC	BW1-	1.39	0.57		0	<20	P 2
107	32	C	TEC-TEH	TEC-TEH		00113	610MC	08H+	0.81	0.36		0	<20	P 2
109	32	C	TEC-TEH	TEC-TEH		00114	610MC	08H-	0.17	1.52		0	28	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	08H-	0.01	1.57		0	25	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	08H+	0.81	1.30		0	25	P 2
		H	08H-VS3	08H-VS3	5	00176	580AC	08H+	0.97	1.09		0	<20	P 2
44	33	H	TEH-TEC	TEH-TEC		00030	610MF	BW1-	1.75	0.20		0	<20	P 2
58	33	C	TEC-TEH	TEC-TEH		00076	610MF	BW1-	1.92	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00076	610MF	BW1+	2.00	0.68		0	<20	P 2
60	33	C	TEC-TEH	TEC-TEH		00077	610MF	BW2+	2.00	0.50		0	<20	P 2
80	33	C	TEC-TEH	TEC-TEH		00075	610MF	08H+	0.65	0.39		0	<20	P 2
84	33	H	BW1-BW1	BW1-BW1	1	00125	600AC	BW1+	1.70	0.29		0	<20	P 2
		H	08H-VS5	08H-BW1	5	00232	580AC	BW1+	2.13	0.35		0	<20	P 2
		H	08H-VS5	BW1-VS5	5	00232	580AC	VS3-	0.90	0.67		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	VS3-	0.75	0.29		0	<20	P 2
86	33	H	08H-VS5	08H-VS5	5	00232	580AC	BW1+	1.72	0.30		0	<20	P 2
88	33	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+	1.97	0.41		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	2.04	1.28		0	24	P 2
90	33	H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.83	1.23		0	29	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+	2.00	0.57		0	<20	P 2
92	33	H	08H-VS3	08H-VS3	5	00232	580AC	VS2-	1.26	0.30		0	<20	P 2
94	33	H	08H-VS3	08H-VS3	5	00232	580AC	BW1-	2.36	0.21		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00232	580AC	BW1+	1.82	0.78		0	22	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1+	1.85	0.73		0	<20	P 2
98	33	H	08H-VS3	08H-VS3	5	00178	580AC	BW1-	1.89	0.49		0	<20	P 2

CONAM NUCLEAR, INC.

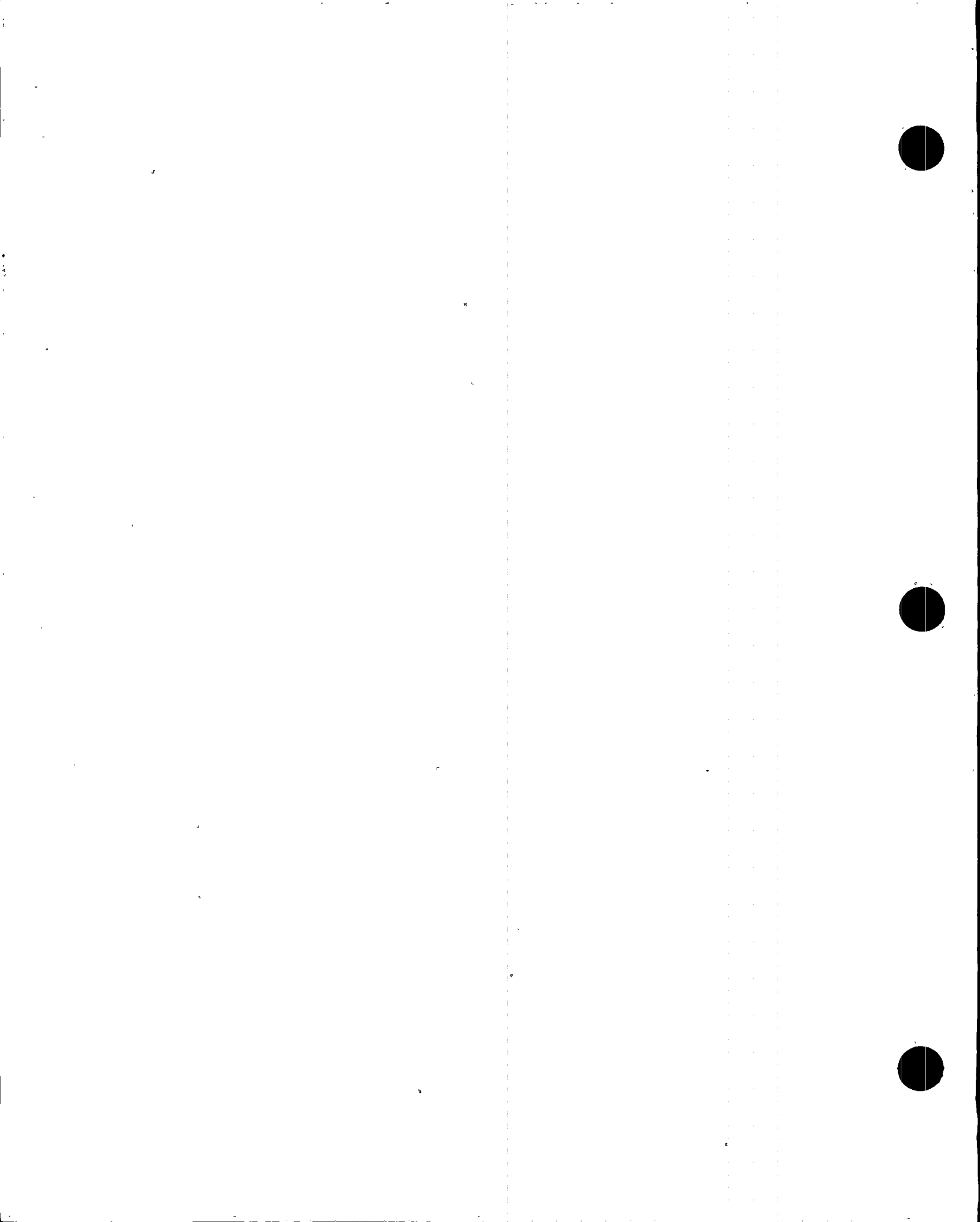
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
98	33	C	TEC-TEH	TEC-TEH		00114	610MC	BW1- 1.84	0.96		0	<20	P 2
100	33	H	08H-VS3	08H-VS3	5	00179	580AC	BW1- 1.95	0.71		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00113	610MC	BW1- 1.91	0.28		0	<20	P 2
102	33	C	TEC-TEH	TEC-TEH		00114	610MC	BW1- 1.81	0.56		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00178	580AC	BW1- 1.80	0.29		0	<20	P 2
106	33	C	TEC-TEH	TEC-TEH		00114	610MC	BW2- 1.90	0.39		0	<20	P 2
114	33	C	TEC-TEH	TEC-TEH		00114	610MC	VS6- 0.77	0.13		0	<20	P 2
118	33	H	TEH-TEC	TEH-TEC		00146	580MC	BW1+ 1.93	0.58		0	<20	P 2
11	34	C	TEC-TEH	TEC-TEH		00082	610MF	BW1+ 1.99	0.33		0	<20	P 2
13	34	H	TEH-TEC	TEH-TEC		00030	610MF	BW2+ 1.91	0.37		0	<20	P 2
57	34	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.90	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.97	0.52		0	<20	P 2
63	34	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.89	0.17		0	<20	P 2
69	34	C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.73	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	02C+ 29.72	0.41	155	<20	1	
73	34	C	TEC-TEH	TEC-TEH		00075	610MF	02C+ 26.14	0.89	149	<20	1	
77	34	C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.73	0.41		0	<20	P 2
81	34	C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.68	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.85	0.25		0	<20	P 2
83	34	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 2.06	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.84	0.55		0	<20	P 2
85	34	C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.78	0.48		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	08H+ 1.09	0.94		0	26	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	BW1- 2.23	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 2.08	0.15		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.89	0.20		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	BW1+ 1.96	0.43		0	<20	P 2
87	34	H	08H-VS3	08H-VS3	5	00238	580AC	BW1+ 1.87	1.32		0	28	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.92	0.86		0	23	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW2+ 1.91	0.18		0	<20	P 2
89	34	H	08H-VS3	08H-VS3	5	00238	580AC	BW1- 2.26	0.44		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	BW1+ 1.81	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.86	0.28		0	<20	P 2
107	34	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.85	0.96		0	20	P 2
		H	08H-VS3	08H-VS3	5	00222	580AC	BW1+ 1.99	0.61		0	23	P 2
111	34	H	08H-VS3	08H-VS3	5	00222	580AC	BW1+ 1.84	0.42		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.85	0.42		0	<20	P 2
121	34	C	TEC-TEH	TEC-TEH		00113	610MC	BW1+ 1.64	0.71		0	<20	P 2
48	35	H	TEH-TEC	TEH-TEC		00030	610MF	BW1+ 1.80	0.41		0	<20	P 2
54	35	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 2.17	0.30		0	<20	P 2
58	35	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.96	0.77		0	22	P 2
60	35	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.83	0.29		0	<20	P 2
84	35	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.94	0.71		0	20	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	BW1- 1.52	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.90	1.09		0	27	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	BW1+ 1.92	1.36		0	28	P 2

CONAM NUCLEAR, INC.



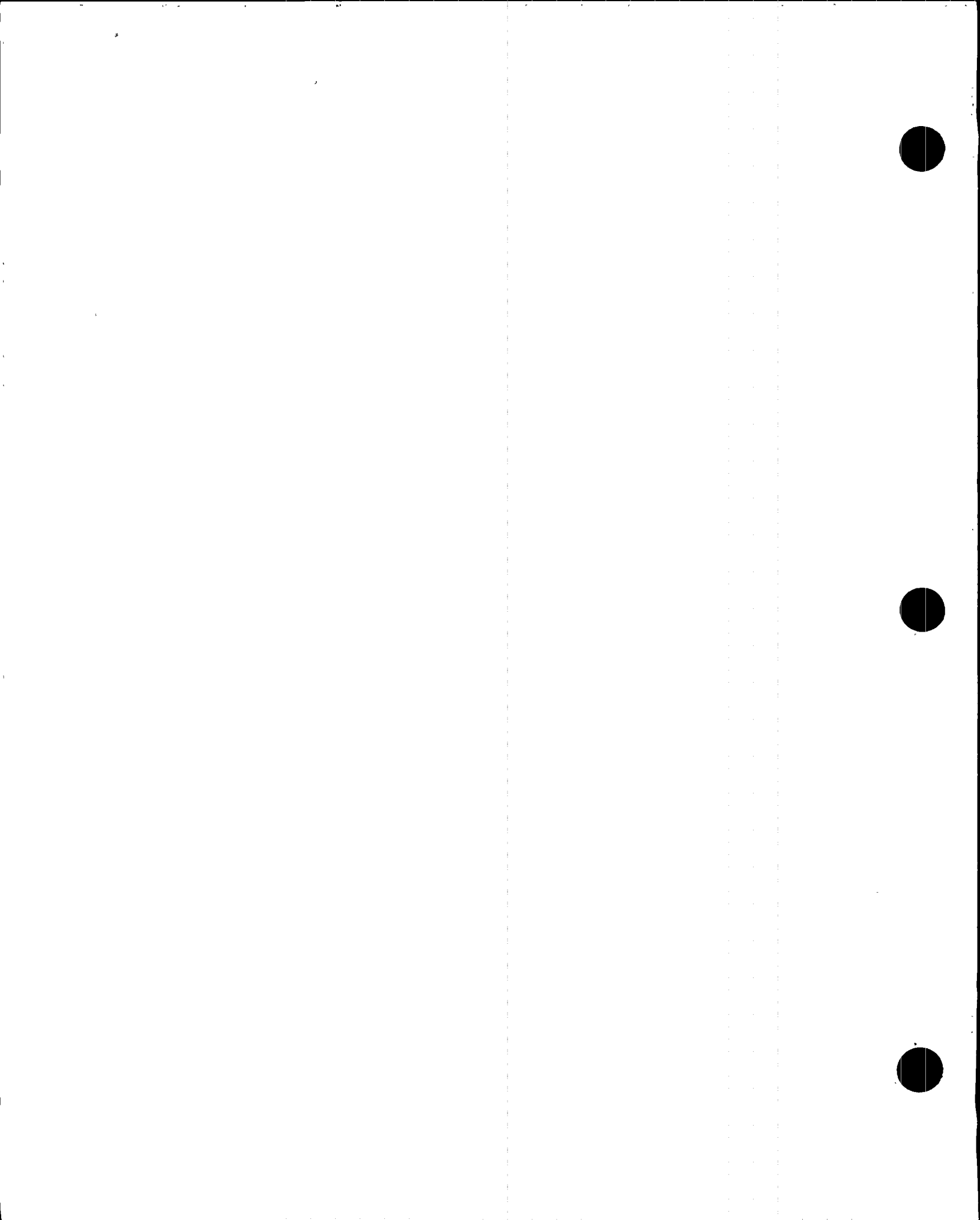
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
88	35	H	08H-VS3	08H-VS3	5	00238	580AC	08H- 1.01	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	BW1- 1.94	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.83	0.90		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	BW1+ 1.86	0.82		0	24	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	VS2- 0.94	0.41		0	<20	P 2
90	35	H	08H-VS3	08H-VS3	5	00238	580AC	BW1+ 1.91	1.07		0	28	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.94	0.68		0	<20	P 2
94	35	H	08H-VS3	08H-VS3	5	00220	580AC	VS3+ 0.45	0.31		0	<20	P 2
104	35	H	08H-VS3	08H-VS3	5	00219	580AC	BW1+ 2.09	0.37		0	<20	P 2
106	35	H	08H-VS3	08H-VS3	5	00219	580AC	BW1+ 2.02	0.47		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00219	580AC	VS3+ 0.05	0.20		0	<20	P 2
110	35	H	08H-VS3	08H-VS3	5	00223	580AC	08H+ 0.76	0.43		0	<20	P 2
120	35	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.84	0.40		0	<20	P 2
122	35	C	TEC-TEH	TEC-TEH		00113	610MC	BW1+ 1.69	0.31		0	<20	P 2
47	36	H	TEH-TEC	TEH-TEC		00030	610MF	BW1+ 1.71	0.43		0	<20	P 2
57	36	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 2.14	0.25		0	<20	P 2
61	36	C	TEC-TEH	TEC-TEH		00075	610MF	BW2+ 1.83	0.44		0	<20	P 2
65	36	C	TEC-TEH	TEC-TEH		00075	610MF	BW2- 1.99	0.21		0	<20	P 2
79	36	C	TEC-TEH	TEC-TEH		00075	610MF	BW1- 1.75	0.33		0	<20	P 2
81	36	C	TEC-TEH	TEC-TEH		00075	610MF	08H- 0.89	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.87	0.44		0	<20	P 2
83	36	C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.87	0.47		0	<20	P 2
85	36	H	08H-VS5	08H-VS5	5	00238	580AC	08H- 0.31	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	08H- 0.13	0.35		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	08H+ 0.80	1.11		0	25	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.89	0.57		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00238	580AC	BW1+ 1.86	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.98	0.73		0	21	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW2+ 1.91	0.12		0	<20	P 2
87	36	C	TEC-TEH	TEC-TEH		00075	610MF	08H+ 0.73	0.80		0	22	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	08H+ 0.73	0.77		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	08H+ 0.87	0.47		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00238	580AC	BW1+ 1.84	1.17		0	26	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.98	0.95		0	25	P 2
89	36	H	08H-VS3	08H-VS3	5	00239	580AC	08H- 0.24	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	08H- 0.18	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00075	610MF	BW1+ 1.92	0.79		0	22	P 2
		H	08H-VS3	08H-VS3	5	00239	580AC	BW1+ 2.07	1.80		0	29	P 2
91	36	C	TEC-TEH	TEC-TEH		00117	610MC	08H+ 0.83	0.52		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00239	580AC	08H+ 0.89	0.52		0	<20	P 2
97	36	H	08H-VS3	08H-VS3	5	00220	580AC	08H+ 0.73	0.35		0	<20	P 2
113	36	C	TEC-TEH	TEC-TEH		00114	610MC	BW1+ 1.92	0.27		0	<20	P 2
115	36	H	08H-VS3	08H-VS3	5	00223	580AC	BW1+ 2.00	0.53		0	<20	P 2
123	36	H	09H-BW1	09H-BW1	7	00253	580AC	09H+ 0.76	0.47		0	<20	P 2
		H	09H-BW1	09H-BW1	7	00253	580AC	BW1+ 1.72	0.52		0	<20	P 2
42	37	H	TEH-TEC	TEH-TEC		00025	610MF	VS4- 0.83	0.44		0	<20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
54	37	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.90	0.53		0	<20	P 2
58	37	C	TEC-TEH	TEC-TEH		00104	610MF	BW1-	2.00	0.13		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.97	0.19		0	<20	P 2
60	37	C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.00	0.19		0	<20	P 2
70	37	C	TEC-TEH	TEC-TEH		00104	610MF	BW1-	1.85	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	1.85	0.43		0	<20	P 2
76	37	C	TEC-TEH	TEC-TEH		00103	610MF	VS3+	0.90	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	VS5-	0.67	0.50		0	<20	P 2
80	37	C	TEC-TEH	TEC-TEH		00103	610MF	08H+	0.77	0.33		0	<20	P 2
100	37	C	TEC-TEH	TEC-TEH		00117	610MC	BW1+	1.75	0.50		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00227	580AC	BW1+	1.91	0.77		0	<20	P 2
114	37	C	TEC-TEH	TEC-TEH		00118	610MC	08H+	0.79	0.37		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00222	580AC	08H+	0.80	0.69		0	<20	P 2
57	38	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.85	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	2.02	0.70		0	21	P 2
59	38	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.93	0.34		0	<20	P 2
67	38	C	TEC-TEH	TEC-TEH		00073	610MF	BW2-	1.75	0.34		0	<20	P 2
69	38	C	TEC-TEH	TEC-TEH		00072	610MF	BW1-	1.63	0.29		0	<20	P 2
71	38	C	TEC-TEH	TEC-TEH		00073	610MF	BW1+	2.10	0.30		0	<20	P 2
81	38	C	TEC-TEH	TEC-TEH		00072	610MF	BW1+	1.69	0.57		0	<20	P 2
89	38	H	08H-VS3	08H-VS3	5	00242	580AC	BW1+	1.61	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00103	610MF	BW1+	2.00	0.14		0	<20	P 2
95	38	H	08H-VS3	08H-VS3	5	00227	580AC	VS2-	1.00	0.20		0	<20	P 2
97	38	C	TEC-TEH	TEC-TEH		00117	610MC	BW1+	1.99	0.31		0	<20	P 2
115	38	H	08H-VS3	08H-VS3	5	00227	580AC	BW1-	1.96	0.42		0	<20	P 2
117	38	H	09H-09H	09H-09H	1	00158	600AC	09H-	0.83	1.98		0	30	P 2
		C	TEC-TEH	TEC-TEH		00117	610MC	09H-	0.80	1.42		0	32	P 2
		C	TEC-TEH	TEC-TEH		00117	610MC	09H+	0.70	1.22		0	30	P 2
		H	09H-09H	09H-09H	1	00158	600AC	09H+	0.86	1.85		0	30	P 2
48	39	H	TEH-TEC	TEH-TEC		00026	610MF	BW2+	1.79	0.35		0	<20	P 2
56	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	2.00	0.27		0	<20	P 2
58	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.85	0.39		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	2.00	0.84		0	<20	P 2
64	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.88	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2-	2.00	0.26		0	<20	P 2
68	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.99	0.27		0	<20	P 2
72	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.74	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.80	0.47		0	<20	P 2
74	39	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.98	0.31		0	<20	P 2
84	39	H	08H-VS5	08H-VS5	5	00243	580AC	BW1+	1.85	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.99	0.35		0	<20	P 2
88	39	H	08H-VS3	08H-VS3	5	00242	580AC	BW1+	1.67	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2-	1.93	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2+	1.73	0.32		0	<20	P 2
96	39	H	08H-VS3	08H-VS3	5	00230	580AC	BW1-	0.25	0.25		.92	SAI	P 2
		H	08H-VS3	08H-VS3	5	00230	580AC	VS2+	2.02	0.27		.35	SAI	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
102	39	H	08H-VS3	08H-VS3	5	00175	580AC	VS3+ 0.28	0.50			0	<20	P 2
118	39	H	08H-VS3	08H-VS3	5	00228	580AC	09H- 1.20	0.23			0	<20	P 2
		H	BW1-BW1	BW1-BW1	1	00125	600AC	BW1+ 0.60	0.52			.15	SVI	P 2
120	39	C	TEC-TEH	TEC-TEH		00118	610MC	09H- 0.94	0.54			0	<20	P 2
126	39	C	TEC-TEH	TEC-TEH		00117	610MC	BW1+ 1.85	0.57			0	<20	P 2
51	40	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+ 2.00	0.64			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	VS4- 1.04	0.88			0	<20	P 2
55	40	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+ 2.00	0.27			0	<20	P 2
57	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.99	0.32			0	<20	P 2
59	40	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+ 2.00	0.33			0	<20	P 2
65	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.83	0.59			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2- 2.03	0.29			0	<20	P 2
69	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.87	0.32			0	<20	P 2
73	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.77	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.77	0.45			0	<20	P 2
81	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.99	0.32			0	<20	P 2
87	40	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.88	1.02			0	25	P 2
		H	08H-VS3	08H-VS3	5	00243	580AC	BW1+ 2.00	1.00			0	20	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW2+ 1.99	0.23			0	<20	P 2
89	40	H	08H-VS3	08H-VS3	5	00242	580AC	BW1+ 2.04	2.18			0	33	P 2
		C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 2.07	1.21			0	28	P 2
91	40	C	TEC-TEH	TEC-TEH		00118	610MC	BW1+ 1.67	0.29			0	<20	P 2
101	40	C	TEC-TEH	TEC-TEH		00117	610MC	BW1+ 1.75	0.53			0	<20	P 2
103	40	H	08H-VS3	08H-VS3	5	00172	580AC	VS2- 0.81	0.81			0	<20	P 2
107	40	C	TEC-TEH	TEC-TEH		00118	610MC	VS2+ 0.83	0.36			0	<20	P 2
111	40	H	08H-VS3	08H-VS3	5	00214	580AC	BW1+ 1.85	0.35			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00118	610MC	BW1+ 2.06	0.25			0	<20	P 2
113	40	H	08H-VS3	08H-VS3	5	00214	580AC	BW1+ 1.85	0.44			0	<20	P 2
115	40	C	TEC-TEH	TEC-TEH		00118	610MC	BW1+ 1.70	0.50			0	<20	P 2
		H	08H-VS3	08H-VS3	5	00213	580AC	BW1+ 1.82	0.37			0	<20	P 2
117	40	C	TEC-TEH	TEC-TEH		00117	610MC	09H+ 1.35	0.60			0	<20	P 2
		H	08H-VS3	08H-VS3	5	00267	580AC	BW1- 1.67	0.64			0	<20	P 2
119	40	H	08H-VS3	08H-VS3	5	00213	580AC	09H+ 0.77	0.38			0	<20	P 2
129	40	C	TEC-TEH	TEC-TEH		00117	610MC	09H+ 0.79	0.41			0	<20	P 2
2	41	H	03H-03H	03H-03H	1	00125	600AC	03H+ 0.24	0.40			0	<20	P 2
58	41	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.80	0.40			0	<20	P 2
60	41	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+ 2.00	0.42			0	<20	P 2
70	41	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+ 1.92	0.51			0	<20	P 2
74	41	C	TEC-TEH	TEC-TEH		00071	610MF	BW1- 1.86	0.32			0	<20	P 2
90	41	H	08H-VS3	08H-VS3	5	00214	580AC	VS2+ 2.00	0.83			.32	SAI	P 2
		H	08H-VS3	08H-VS3		00214	580AC	VS2+ 2.73	0.20			.32	SAI	P 2
96	41	C	TEC-TEH	TEC-TEH		00117	610MC	VS2- 0.25	0.60			0	<20	P 2
102	41	H	08H-VS3	08H-VS3	5	00172	580AC	VS2+ 2.10	1.40			.58	SAI	P 2
		H	08H-VS3	08H-VS3	5	00172	580AC	VS2+ 4.19	1.22			.47	SAI	P 2
118	41	H	08H-VS3	08H-VS3	5	00242	580AC	BW1- 2.21	0.33			0	<20	P 2
120	41	C	TEC-TEH	TEC-TEH		00117	610MC	09H+ 0.75	0.28			0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
122	41	H	08H-VS1	08H-VS1		00103	580AC	VS1-	0.89	0.43		0	<20	P 2
126	41	C	TEC-TEH	TEC-TEH		00117	610MC	09H+	0.03	0.33		0	<20	P 2
		H	08H-VS1	08H-VS1		00103	580AC	09H+	0.07	0.64		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00117	610MC	09H+	0.90	0.98		0	26	P 2
		H	08H-VS1	08H-VS1		00103	580AC	09H+	0.95	0.70		0	<20	P 2
		H	08H-VS1	08H-VS1		00103	580AC	09H+	0.97	0.44		0	<20	P 2
130	41	H	08H-VS1	08H-VS1		00103	580AC	09H-	1.11	0.32		0	<20	P 2
		H	08H-VS1	08H-VS1		00103	580AC	09H+	0.45	0.22		0	<20	P 2
		H	08H-VS1	08H-VS1		00103	580AC	BW1+	1.53	0.19		0	<20	P 2
1	42	C	TEC-07H	TEC-07H		00097	580MF	03C-	1.00	0.48		0	<20	P 2
57	42	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	2.08	0.34		0	<20	P 2
61	42	C	TEC-TEH	TEC-TEH		00071	610MF	BW2+	1.71	0.39		0	<20	P 2
67	42	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.46		0	<20	P 2
75	42	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.03	0.97		0	<20	P 2
87	42	H	08H-VS3	07H-VS3	5	00242	580AC	BW1+	1.88	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.84		0	<20	P 2
89	42	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.63	0.91		0	23	P 2
		H	08H-VS3	08H-VS3	5	00243	580AC	BW1+	1.85	0.72		0	<20	P 2
97	42	C	TEC-TEH	TEC-TEH		00118	610MC	VS2+	0.81	0.60		0	<20	P 2
99	42	C	TEC-TEH	TEC-TEH		00118	610MC	BW1+	1.70	0.12		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00172	580AC	VS2+	1.29	1.04	.84	SAI	P 2	
		H	08H-VS3	08H-VS3	5	00172	580AC	VS2+	3.59	0.86	.69	SAI	P 2	
101	42	C	TEC-TEH	TEC-TEH		00118	610MC	08H+	0.87	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00170	580AC	08H+	0.99	0.81		0	<20	P 2
103	42	H	08H-VS3	08H-VS3	5	00172	580AC	VS2-	1.11	0.20		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00118	610MC	VS2-	0.82	0.21		0	<20	P 2
119	42	H	08H-VS3	08H-VS3	5	00245	580AC	BW1-	2.00	0.25		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00245	580AC	BW1+	1.65	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00118	610MC	BW1+	1.85	0.23		0	<20	P 2
123	42	H	08H-VS1	08H-VS1		00101	580AC	09H+	0.66	0.43		0	<20	P 2
		H	08H-VS1	08H-VS1		00101	580AC	BW1-	1.97	0.45		0	<20	P 2
125	42	H	08H-VS1	08H-VS1		00103	580AC	09H-	1.22	1.13		0	20	P 2
54	43	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.88	0.27		0	<20	P 2
58	43	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.83	0.47		0	<20	P 2
62	43	C	TEC-TEH	TEC-TEH		00071	610MF	BW1-	1.82	0.48		0	<20	P 2
68	43	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	1.98	0.62		0	<20	P 2
70	43	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.87	0.24		0	<20	P 2
86	43	H	08H-VS5	08H-VS5	5	00245	580AC	BW1+	1.98	0.45		0	<20	P 2
88	43	H	08H-VS3	08H-VS3	5	00246	580AC	BW1+	1.60	0.37		0	<20	P 2
90	43	H	08H-VS3	08H-VS3	5	00209	580AC	08H+	0.82	0.31		0	<20	P 2
102	43	H	VS2-VS3	VS2-VS3	1	00126	580AC	VS2+	3.00	0.77	2.5	SAI	P 2	
110	43	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.82	0.28		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00213	580AC	BW1+	2.00	0.18		0	<20	P 2
118	43	H	08H-VS3	08H-VS3	5	00246	580AC	BW1-	2.11	0.17		0	<20	P 2
122	43	H	08H-VS1	08H-VS1		00101	580AC	VS1+	0.68	0.60		0	20	P 2
24	43	C	TEC-TEH	TEC-TEH		00115	610MC	09H-	0.26	0.48		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
VOLTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
124	43	H	08H-VS1	08H-VS1		00101	580AC	09H-	0.25	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	BW1-	1.91	0.27		0	<20	P 2
		H	08H-VS1	08H-VS1		00101	580AC	BW1-	1.88	0.38		0	<20	P 2
126	43	H	08H-VS1	08H-VS1		00101	580AC	09H-	1.07	0.65		0	22	P 2
128	43	H	08H-VS1	08H-VS1		00101	580AC	09H-	1.22	0.74		0	24	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	09H-	1.03	0.48		0	<20	P 2
132	43	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.90	0.32		0	<20	P 2
59	44	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	1.95	0.49		0	<20	P 2
61	44	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.70	0.27		0	<20	P 2
67	44	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.57		0	<20	P 2
69	44	C	TEC-TEH	TEC-TEH		00071	610MF	BW1+	1.91	0.24		0	<20	P 2
87	44	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.04	0.64		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00246	580AC	BW1+	2.24	0.47		0	<20	P 2
101	44	H	08H-VS3	08H-VS3	5	00167	580AC	08H-	0.90	0.58		0	<20	P 2
105	44	H	08H-VS3	08H-VS3	5	00167	580AC	08H+	0.00	0.31		0	<20	P 2
109	44	H	08H-VS3	08H-VS3	5	00167	580AC	08H-	0.04	0.48		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00167	580AC	BW1+	2.00	0.37		0	<20	P 2
127	44	H	08H-VS1	08H-VS1		00104	580AC	09H+	0.45	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	09H+	0.82	0.58		0	<20	P 2
60	45	C	TEC-TEH	TEC-TEH		00070	610MF	BW1+	2.00	0.42		0	<20	P 2
86	45	H	08H-VS5	08H-VS5	5	00247	580AC	BW1+	1.75	0.41		0	<20	P 2
90	45	H	08H-VS3	08H-VS3	5	00209	580AC	08H-	0.04	0.27		0	<20	P 2
92	45	H	08H-VS3	08H-VS3	5	00208	580AC	BW1+	1.85	0.44		0	<20	P 2
96	45	H	08H-VS3	08H-VS6	5	00169	580AC	BW1+	2.79	0.43		0	<20	P 2
104	45	H	08H-VS3	08H-VS3	5	00169	580AC	08H+	0.12	0.22		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00169	580AC	VS2+	0.90	0.27		0	<20	P 2
106	45	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.83	0.43		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00167	580AC	BW1+	1.85	0.49		0	<20	P 2
112	45	H	08H-VS3	08H-BW1	5	00267	580AC	BW1+	0.11	0.65		.33	SVI	P 2
		H	08H-VS3	08H-VS3	5	00208	580AC	VS2-	1.04	0.34		0	<20	P 2
126	45	H	08H-VS1	08H-VS1		00104	580AC	09H-	1.05	0.38		0	<20	P 2
128	45	C	TEC-TEH	TEC-TEH		00116	610MC	09H+	0.58	0.94		0	<20	P 2
93	46	H	08H-VS3	08H-VS3	5	00209	580AC	VS2-	1.11	0.22		0	<20	P 2
101	46	C	TEC-TEH	TEC-TEH		00115	610MC	08H+	0.85	0.20		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00166	580AC	08H+	0.97	1.42		0	24	P 2
		H	08H-BW1	08H-BW1	1	00127	600AC	08H+	1.09	0.81		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00127	600AC	BW1+	2.16	0.43		0	<20	P 2
105	46	C	TEC-TEH	TEC-TEH		00115	610MC	08H+	0.63	0.28		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00166	580AC	08H+	0.89	0.50		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00125	600AC	08H+	1.00	0.42		0	<20	P 2
		H	08H-BW1	08H-BW1	1	00125	600AC	08H+	34.50	0.97		.31	SVI	P 2
107	46	H	08H-VS3	08H-VS3	5	00165	580AC	BW1-	1.90	0.47		0	<20	P 2
109	46	H	08H-BW1	08H-BW1	1	00125	600AC	08H+	32.07	0.91		1.7	SAI	P 2
		H	08H-BW1	08H-BW1	1	00125	600AC	BW1+	2.00	0.56		0	<20	P 2
113	46	C	TEC-TEH	TEC-TEH		00115	610MC	BW1-	1.58	0.41		0	<20	P 2
119	46	H	08H-VS3	08H-VS3	5	00255	580AC	09H-	1.00	0.55		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
119	46	H	08H-VS3	08H-VS3	5	00255	580AC	VS2-	0.25	0.39		0	<20	P 2
129	46	H	08H-VS1	08H-VS1		00106	580AC	BW1-	2.00	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	BW1-	1.79	0.20		0	<20	P 2
58	47	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.04	0.51		0	<20	P 2
74	47	C	TEC-TEH	TEC-TEH		00069	610MF	VS3-	0.66	1.39		0	33	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	VS3+	0.73	0.26		0	<20	P 2
84	47	H	08H-VS5	08H-VS5	5	00255	580AC	VS2-	0.75	0.26		0	<20	P 2
		H	08H-VS5	08H-VS5	5	00255	580AC	VS3+	0.00	0.29		0	<20	P 2
86	47	H	08H-VS5	08H-VS5	5	00255	580AC	VS2-	0.82	0.28		0	<20	P 2
90	47	H	08H-VS3	08H-VS3	5	00209	580AC	BW1+	1.82	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.90	0.22		0	<20	P 2
106	47	H	08H-VS3	08H-VS3	5	00166	580AC	BW1+	1.95	0.49		0	<20	P 2
108	47	H	08H-VS3	08H-VS3	5	00165	580AC	BW1+	2.04	0.36		0	<20	P 2
110	47	H	08H-VS3	08H-VS3	5	00166	580AC	BW1+	1.96	0.39		0	<20	P 2
118	47	H	08H-VS3	08H-VS3	5	00253	580AC	BW1+	2.01	0.54		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00253	580AC	VS2-	0.02	0.26		0	<20	P 2
120	47	H	08H-VS2	08H-VS2		00111	580AC	BW1+	1.96	0.36		0	<20	P 2
		H	08H-VS2	08H-VS2		00106	580AC	BW1+	2.00	0.68		0	<20	P 2
132	47	C	TEC-TEH	TEC-TEH		00115	610MC	09H-	0.86	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	1.94	0.33		0	<20	P 2
59	48	C	TEC-TEH	TEC-TEH		00068	610MF	BW1-	1.90	0.17		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.12	0.30		0	<20	P 2
61	48	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.85	0.42		0	<20	P 2
63	48	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.06	0.47		0	<20	P 2
79	48	C	TEC-TEH	TEC-TEH		00068	610MF	VS5-	0.96	1.58		0	34	P 2
89	48	H	08H-VS3	08H-VS3	5	00255	580AC	BW1+	2.11	0.38		0	<20	P 2
97	48	C	TEC-TEH	TEC-TEH		00115	610MC	VS3+	1.27	0.26		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	VS5-	0.70	0.13		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00115	610MC	VS5+	1.06	0.48		0	<20	P 2
103	48	H	08H-VS3	08H-VS3	5	00166	580AC	VS2-	1.01	1.17		0	28	P 2
		C	TEC-TEH	TEC-TEH		00116	610MC	VS2-	0.81	0.73		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00166	580AC	VS2+	0.55	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00116	610MC	VS2+	0.64	0.92		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00166	580AC	VS3-	1.06	0.70		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00116	610MC	VS3-	0.86	0.24		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00116	610MC	VS3+	0.75	0.94		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00166	580AC	VS3+	0.77	1.00		0	25	P 2
		C	TEC-TEH	TEC-TEH		00116	610MC	VS5+	0.72	0.94		0	<20	P 2
115	48	C	TEC-TEH	TEC-TEH		00114	610MC	VS3-	0.85	0.31		0	<20	P 2
117	48	H	08H-VS3	08H-VS3	5	00255	580AC	VS2-	0.11	0.49		0	<20	P 2
131	48	C	TEC-TEH	TEC-TEH		00115	610MC	09H+	0.78	0.41		0	<20	P 2
137	48	C	TEC-TEH	TEC-TEH		00115	610MC	BW1+	2.05	0.57		0	<20	P 2
60	49	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.15	0.41		0	<20	P 2
62	49	C	TEC-TEH	TEC-TEH		00069	610MF	BW1-	1.72	0.53		0	<20	P 2
64	49	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	1.91	0.20		0	<20	P 2
66	49	C	TEC-TEH	TEC-TEH		00069	610MF	BW2+	1.88	0.21		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
84	49	H	08H-VS5	08H-VS5	5	00252	580AC	08H+	0.96	0.59		.27	SVI	P 2
106	49	H	08H-BW1	08H-BW1	5	00168	600AC	08H+	41.16	1.06		4.2	SAI	P 2
116	49	H	TEH-TEC	TEH-TEC		00100	610MC	09H-	1.58	0.48		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00255	580AC	09H-	0.16	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00255	580AC	BW1-	2.07	0.30		0	<20	P 2
118	49	H	08H-VS3	08H-VS3	5	00255	580AC	09H+	1.54	0.50		0	<20	P 2
63	50	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.22	0.40		0	<20	P 2
97	50	H	TEH-TEC	TEH-TEC		00100	610MC	VS5+	0.80	0.59		0	<20	P 2
99	50	H	TEH-TEC	TEH-TEC		00099	610MC	BW1+	1.93	0.24		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00155	580AC	BW1+	2.03	0.54		0	<20	P 2
101	50	H	08H-VS3	08H-VS3		00155	580AC	VS2-	0.69	0.23		0	<20	P 2
		H	08H-VS3	08H-VS3		00155	580AC	VS2+	0.20	0.31		0	<20	P 2
103	50	H	TEH-TEC	TEH-TEC		00099	610MC	BW1-	2.00	0.21		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00155	580AC	BW1-	1.71	0.26		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00155	580AC	VS2-	0.85	0.24		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00155	580AC	VS3-	0.74	0.20		0	<20	P 2
107	50	H	TEH-TEC	TEH-TEC		00100	610MC	08H-	0.86	0.44		0	<20	P 2
60	51	C	TEC-TEH	TEC-TEH		00068	610MF	BW1-	1.89	0.24		0	<20	P 2
62	51	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.83	0.21		0	<20	P 2
64	51	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.09	0.20		0	<20	P 2
66	51	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.83	0.40		0	<20	P 2
84	51	H	08H-VS5	08H-VS5	5	00256	580AC	08H+	0.08	0.27		0	<20	P 2
102	51	H	BW1-BW1	BW1-BW1	1	00127	600AC	BW1+	0.88	0.52		.30	SAI	P 2
		H	BW1-BW1	BW1-BW1	1	00127	600AC	BW1+	1.93	0.33		0	<20	P 2
108	51	H	08H-VS3	08H-VS3	5	00153	580AC	08H+	0.03	0.41		0	<20	P 2
122	51	C	TEC-TEH	TEC-TEH		00117	610MC	VS1+	0.80	0.51		0	<20	P 2
99	52	H	08H-VS3	08H-VS3	5	00153	580AC	VS2-	0.98	0.76		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00120	610MC	VS2-	0.67	0.61		0	<20	P 2
103	52	H	BW1-BW1	BW1-BW1	1	00123	600AC	BW1-	1.20	0.83		.54	SAI	P 2
117	52	H	08H-VS2	08H-VS2	1	00155	580AC	BW1-	1.90	0.51		0	<20	P 2
137	52	C	TEC-TEH	TEC-TEH		00117	610MC	BW1+	1.80	0.60		0	<20	P 2
62	53	C	TEC-TEH	TEC-TEH		00069	610MF	BW1+	1.88	0.37		0	<20	P 2
88	53	C	TEC-TEH	TEC-TEH		00068	610MF	BW2-	2.00	0.48		0	<20	P 2
102	53	H	08H-VS3	08H-VS3	5	00151	580AC	BW1-	1.09	0.65		.70	SAI	P 2
104	53	H	08H-BW1	08H-BW1	1	00123	600AC	08H+	35.81	1.35		.29	SAI	P 2
		H	08H-BW1	08H-BW1		00123	580AC	08H+	36.91	0.55		.33	SAI	P 2
		H	08H-BW1	08H-BW1	1	00123	600AC	BW1+	0.11	1.30		1.2	SAI	P 2
116	53	H	08H-VS3	08H-VS3	5	00203	580AC	09H-	0.50	1.23		0	27	P 2
		C	TEC-TEH	TEC-TEH		00120	610MC	09H-	0.38	1.17		0	25	P 2
118	53	H	08H-VS3	08H-VS3	5	00203	580AC	09H-	0.83	0.43		0	<20	P 2
51	54	C	TEC-TEH	TEC-TEH		00068	610MF	BW2-	2.00	0.50		0	21	P 2
59	54	C	TEC-TEH	TEC-TEH		00068	610MF	BW2+	2.00	0.31		0	<20	P 2
85	54	H	08H-VS5	VS3-VS5	5	00256	580AC	VS5-	0.82	0.24		0	<20	P 2
97	54	H	08H-VS3	08H-VS3	5	00201	580AC	BW1-	0.65	0.43		.40	SAI	P 2
115	54	C	TEC-TEH	TEC-TEH		00119	610MC	BW1+	2.02	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00198	580AC	BW1+	2.03	0.23		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
VOLTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
117	54	C	TEC-TEH	TEC-TEH		00120	610MC	09H+	0.00	1.04		0	24	P 2
		H	08H-VS3	08H-VS3	5	00197	580AC	09H+	0.03	1.31		0	23	P 2
119	54	H	08H-VS3	09H-VS3	5	00198	580AC	09H-	0.85	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00119	610MC	09H-	0.81	0.21		0	<20	P 2
40	55	C	TEC-TEH	TEC-TEH		00022	610MF	VS4+	0.95	0.48		0	<20	P 2
72	55	C	TEC-TEH	TEC-TEH		00068	610MF	VS5+	0.99	0.89		0	26	P 2
76	55	C	TEC-TEH	TEC-TEH		00068	610MF	BW1+	2.00	0.17		0	<20	P 2
96	55	H	08H-VS3	08H-VS3	5	00194	580AC	08H-	0.15	0.48		0	<20	P 2
108	55	C	TEC-TEH	TEC-TEH		00120	610MC	BW1-	2.00	0.93		0	20	P 2
		H	08H-VS3	08H-VS3	5	00150	580AC	BW1-	1.85	0.70		0	<20	P 2
114	55	H	08H-VS3	08H-VS3	5	00197	580AC	08H+	0.07	0.52		0	<20	P 2
116	55	C	TEC-TEH	TEC-TEH		00120	610MC	08H+	0.91	0.64		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00197	580AC	08H+	0.91	0.55		0	<20	P 2
118	55	H	08H-VS3	08H-VS3	5	00198	580AC	09H-	1.00	0.19		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00198	580AC	09H+	0.76	0.45		0	<20	P 2
120	55	H	08H-VS3	08H-VS3	5	00197	580AC	09H-	0.50	0.49		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00197	580AC	09H+	0.24	0.35		0	<20	P 2
77	56	C	TEC-TEH	TEC-TEH		00069	610MF	08H-	0.91	0.21		0	<20	P 2
107	56	C	TEC-TEH	TEC-TEH		00119	610MC	08H+	0.78	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00151	580AC	08H+	0.97	0.88		0	<20	P 2
111	56	C	TEC-TEH	TEC-TEH		00119	610MC	08H+	0.77	0.57		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00192	580AC	08H+	0.93	0.83		0	<20	P 2
113	56	H	08H-VS3	08H-VS3	5	00192	580AC	08H-	0.34	0.82		0	<20	P 2
117	56	H	08H-VS3	08H-VS3	5	00192	580AC	09H-	0.87	0.67		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00192	580AC	09H+	0.63	0.31		0	<20	P 2
139	56	C	TEC-TEH	TEC-TEH		00119	610MC	BW1+	1.57	0.30		0	<20	P 2
141	56	C	TEC-09H	TEC-08H		00159	610MC	BW1-	2.14	0.55		0	<20	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1-	2.04	0.37		0	<20	P 2
40	57	C	TEC-TEH	TEC-TEH		00022	610MF	VS4+	0.93	0.33		0	<20	P 2
90	57	H	08H-VS3	08H-VS3	5	00261	580AC	VS2+	1.01	0.40		0	<20	P 2
118	57	H	08H-VS3	08H-VS3	5	00192	580AC	09H+	1.11	0.46		0	<20	P 2
124	57	C	TEC-TEH	TEC-TEH		00119	610MC	09H+	0.78	0.44		0	<20	P 2
140	57	C	TEC-TEH	TEC-TEH		00119	610MC	BW1+	1.67	0.34		0	<20	P 2
144	57	C	TEC-09H	TEC-08H		00160	610MC	08H+	0.75	0.33		0	<20	P 2
1	58	C	07C-07H	07C-07H		00171	560RC	BW1+	9.58	13.06		.32	SAI	P 2
		C	TEC-07H	TEC-07H		00097	580MF	BW1+	11.73	5.83		115	47	1
107	58	H	08H-VS3	08H-VS3	5	00188	580AC	08H-	0.01	0.46		0	<20	P 2
109	58	H	08H-VS3	08H-VS3	5	00188	580AC	08H+	0.86	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00121	610MC	08H+	1.00	0.13		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00188	580AC	BW1+	2.00	0.17		0	<20	P 2
111	58	H	08H-VS3	08H-VS3	5	00188	580AC	08H-	0.95	0.61		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00188	580AC	08H-	0.12	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00188	580AC	08H+	0.78	0.28		0	<20	P 2
113	58	C	TEC-TEH	TEC-TEH		00121	610MC	BW2+	1.96	0.56		0	<20	P 2
115	58	H	08H-VS3	08H-VS3	5	00188	580AC	08H-	2.31	0.50		0	<20	P 2
117	58	H	08H-VS3	08H-VS3	5	00188	580AC	09H+	0.53	0.37		0	<20	P 2

CONAM NUCLEAR, INC.

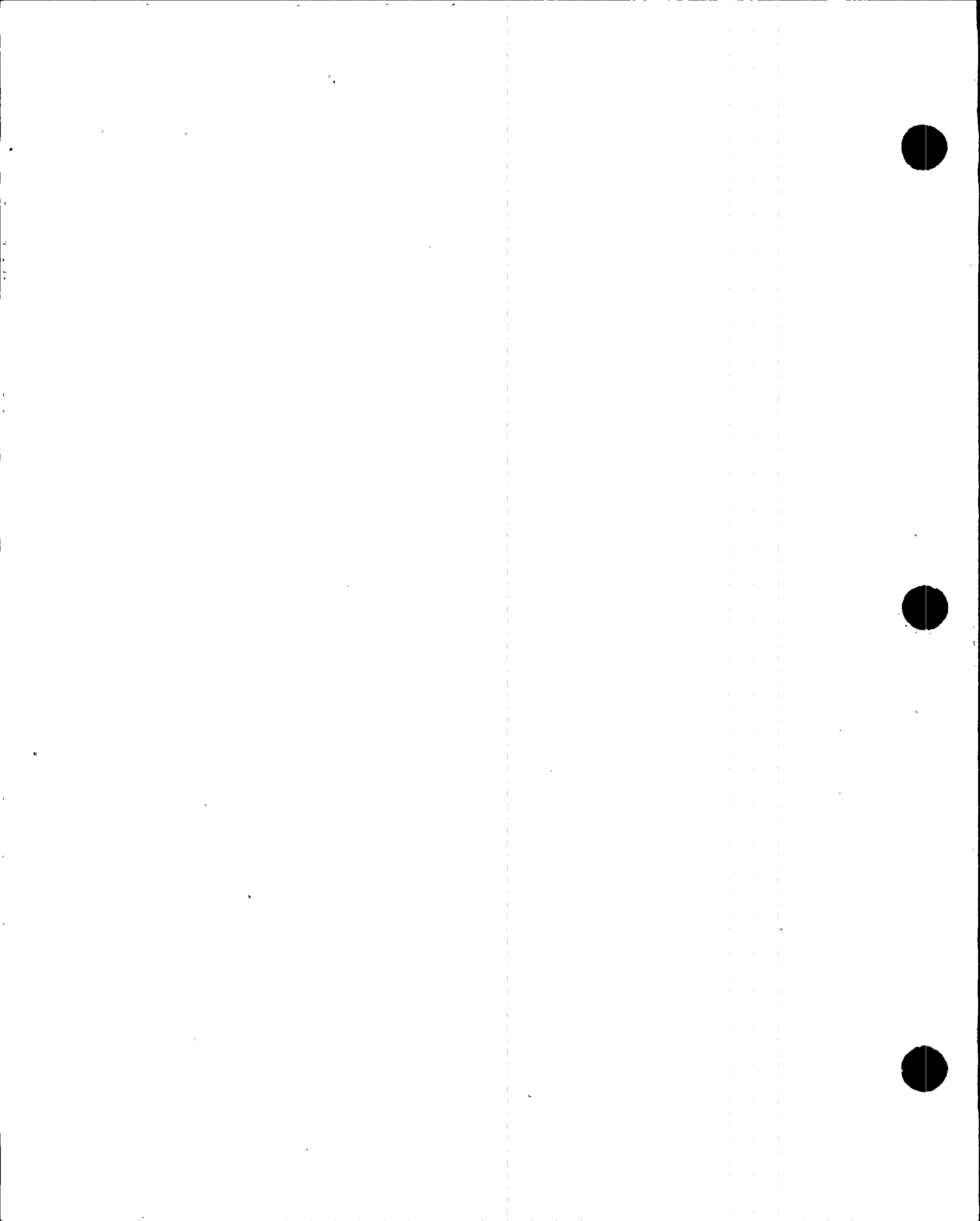
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
119	58	H	08H-VS3	08H-VS3	5	00188	580AC	09H-	0.87	0.57		0	<20	P 2
135	58	C	TEC-TEH	TEC-TEH		00122	610MC	VS1+	1.00	0.29		0	<20	P 2
40	59	C	TEC-TEH	TEC-TEH		00022	610MF	VS4+	0.73	0.28		0	<20	P 2
82	59	C	TEC-TEH	TEC-TEH		00069	610MF	VS5-	1.54	0.53		0	<20	P 2
96	59	H	08H-VS3	08H-VS3	5	00185	580AC	08H+	0.42	0.33		0	<20	P 2
112	59	H	08H-VS3	08H-VS3	5	00185	580AC	VS2+	0.95	0.32		0	<20	P 2
114	59	H	08H-VS3	08H-VS3	5	00184	580AC	08H-	0.89	0.80		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00184	580AC	08H+	0.80	1.08		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00121	610MC	08H+	1.00	0.51		0	<20	P 2
118	59	H	08H-VS3	08H-VS3	5	00184	580AC	08H-	0.20	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00122	610MC	09H-	1.52	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00184	580AC	09H-	1.46	0.43		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00184	580AC	09H+	0.81	0.93		0	<20	P 2
122	59	H	VS1-VS2	VS1-VS2	1	00124	580AC	VS1+	0.88	0.68		0	<20	P 2
109	60	H	08H-VS3	08H-VS3	5	00185	580AC	VS3+	0.71	0.19		0	<20	P 2
117	60	H	TEH-TEC	TEH-TEC		00009	610MF	09H-	0.63	1.08		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00177	610MS	09H-	0.60	0.83		0	21	P 2
		H	08H-VS3	08H-VS3	5	00185	580AC	09H-	0.53	0.99		0	22	P 2
119	60	H	08H-VS3	08H-VS3	5	00185	580AC	09H+	0.78	0.50		0	<20	P 2
125	60	H	TEH-TEC	TEH-TEC		00009	610MF	07H-	0.89	0.62		0	<20	P 2
100	61	H	08H-VS3	08H-VS3	5	00296	580AC	08H+	0.83	0.35		0	<20	P 2
104	61	H	08H-VS3	08H-VS3	5	00296	580AC	08H+	0.87	0.41		0	<20	P 2
112	61	C	TEC-TEH	TEC-TEH		00122	610MC	VS2+	0.95	0.68		0	<20	P 2
124	61	C	TEC-TEH	TEC-TEH		00131	610MC	09H+	0.84	0.57		0	<20	P 2
		H	08H-VS1	08H-VS1		00109	580AC	09H+	0.94	0.44		0	<20	P 2
		H	08H-VS1	08H-VS1		00109	580AC	09H+	0.95	0.60		0	<20	P 2
142	61	C	TEC-09H	TEC-08H		00159	610MC	BW1+	2.01	0.43		0	<20	P 2
148	61	C	TEC-09H	TEC-08H		00160	610MC	08H+	0.78	0.47		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	08H+	1.00	0.33		0	<20	P 2
39	62	C	TEC-TEH	TEC-TEH		00021	610MF	VS4+	0.73	0.56		0	<20	P 2
63	62	C	TEC-TEH	TEC-TEH		00067	610MF	BW1-	1.84	0.24		0	<20	P 2
107	62	H	08H-VS3	08H-VS3	5	00293	580AC	08H+	0.92	0.35		0	<20	P 2
113	62	C	TEC-TEH	TEC-TEH		00122	610MC	08H+	0.91	0.70		0	<20	P 2
117	62	C	TEC-TEH	TEC-TEH		00122	610MC	BW1+	1.84	0.32		0	<20	P 2
48	63	C	TEC-TEH	TEC-TEH		00020	610MF	VS4-	0.93	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00020	610MF	VS4+	1.04	0.41		0	<20	P 2
52	63	C	TEC-TEH	TEC-TEH		00067	610MF	VS4-	0.95	0.43		0	<20	P 2
124	63	H	08H-VS1	08H-VS1		00097	580BC	09H-	0.37	1.52		0	29	P 2
		C	TEC-TEH	TEC-TEH		00133	610MC	09H-	0.22	1.11		0	25	P 2
128	63	C	TEC-TEH	TEC-TEH		00133	610MC	VS1+	0.68	0.64		0	<20	P 2
136	63	C	TEC-TEH	TEC-TEH		00133	610MC	VS1+	0.74	0.41		0	<20	P 2
148	63	C	TEC-09H	TEC-09H		00159	610MC	VS7-	0.75	0.55		0	<20	P 2
150	63	H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.16		0	<20	P 2
45	64	C	TEC-TEH	TEC-TEH		00020	610MF	VS4-	0.82	0.47		0	<20	P 2
75	64	C	TEC-TEH	TEC-TEH		00067	610MF	BW1-	1.96	0.34		0	<20	P 2
83	64	C	TEC-TEH	TEC-TEH		00067	610MF	BW2+	1.99	0.34		0	<20	P 2

CONAM NUCLEAR, INC.



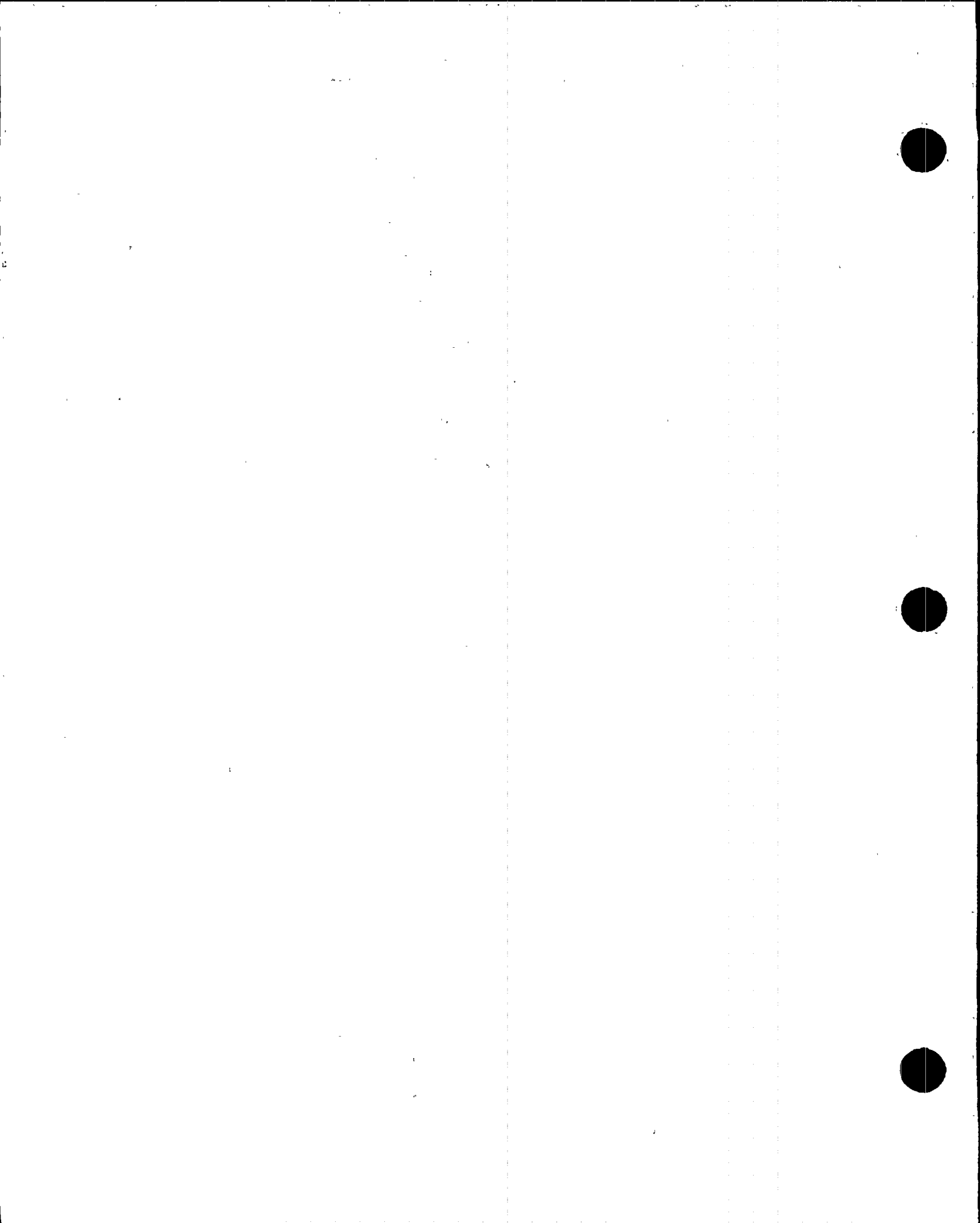
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
VOLTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

PAGE: 18 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
99	64	H	08H-VS3	08H-VS3	5	00291	580AC	08H+	0.40	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00291	580AC	08H+	0.79	0.31		.26	SVI	P 2
119	64	C	TEC-TEH	TEC-TEH		00122	610MC	09H+	0.72	0.55		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00122	610MC	VS5+	0.80	0.34		0	<20	P 2
121	64	H	08H-VS2	08H-VS2		00097	580BC	BW1+	4.18	1.73		1.2	SVI	P 2
123	64	H	08H-VS1	08H-VS1		00097	580BC	09H-	0.95	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00131	610MC	09H-	0.91	0.22		0	<20	P 2
127	64	H	08H-VS1	08H-VS1		00096	580BC	09H+	0.88	1.66		0	26	P 2
		C	TEC-TEH	TEC-TEH		00131	610MC	09H+	1.04	1.09		0	25	P 2
100	65	H	BW1-BW1	BW1-BW1	7	00253	580AC	BW1-	0.11	0.65		.68	SAI	P 2
118	65	C	TEC-TEH	TEC-TEH		00123	610MC	09H-	0.72	0.29		0	<20	P 2
120	65	C	TEC-TEH	TEC-TEH		00124	610MC	09H-	0.83	0.56		0	<20	P 2
124	65	C	TEC-TEH	TEC-TEH		00124	610MC	09H+	0.70	0.56		0	<20	P 2
		H	08H-VS1	08H-VS2		00096	580BC	09H+	0.85	1.80		0	28	P 2
126	65	H	08H-VS1	08H-VS1		00095	580BC	09H-	1.01	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00123	610MC	09C+	1.05	0.39		0	<20	P 2
136	65	C	TEC-TEH	TEC-TEH		00133	610MC	BW1+	2.04	0.31		0	<20	P 2
1	66	H	TSH-01H	TSH-01H	1	00164	580AC	TSH+	0.06	1.45		.18	SVI	P 2
		H	TSH-01H	TSH-01H	1	00152	600AC	TSH+	0.10	1.33		0	25	P 2
111	66	C	TEC-TEH	TEC-TEH		00124	610MC	VS6-	1.00	0.15		0	<20	P 2
119	66	C	TEC-TEH	TEC-TEH		00124	610MC	09H-	1.00	0.15		0	<20	P 2
123	66	H	08H-VS1	08H-VS3		00096	580BC	09H-	1.01	1.56		0	25	P 2
		C	TEC-TEH	TEC-TEH		00124	610MC	09H-	1.00	0.67		0	<20	P 2
129	66	H	08H-VS1	08H-VS1		00096	580BC	BW1+	2.08	0.45		0	<20	P 2
147	66	H	TEH-09H	TEH-BW1		00136	610MC	BW1-	2.00	0.67		0	<20	P 2
		C	TEC-09H	TEC-09H		00160	610MC	BW1-	1.97	0.72		0	23	P 2
149	66	C	TEC-09H	TEC-09H		00159	610MC	VS1-	0.74	0.18		0	<20	P 2
40	67	C	TEC-TEH	TEC-TEH		00020	610MF	VS4+	0.99	0.59		0	<20	P 2
46	67	C	TEC-TEH	TEC-TEH		00021	610MF	VS4+	0.72	0.72		0	<20	P 2
124	67	H	08H-VS1	07H-VS1		00095	580BC	09H-	0.16	0.83		0	23	P 2
132	67	C	TEC-TEH	TEC-TEH		00133	610MC	BW1+	1.89	0.71		0	<20	P 2
45	68	C	TEC-TEH	TEC-TEH		00020	610MF	BW2-	2.00	0.57		0	<20	P 2
53	68	C	TEC-TEH	TEC-TEH		00065	610MF	BW2-	1.72	0.87		0	23	P 2
91	68	C	TEC-TEH	TEC-TEH		00124	610MC	VS5+	1.00	0.49		0	<20	P 2
107	68	H	08H-VS3	08H-VS3	5	00284	580AC	BW1+	1.12	0.21		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	BW1+	1.18	0.25		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	VS2-	0.46	0.26		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	VS2+	0.41	0.22		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	VS3-	0.75	0.34		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	VS3+	0.12	0.45		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00284	580AC	VS3+	0.76	0.30		0	<20	P 2
121	68	H	08H-VS2	08H-VS2		00095	580BC	09H-	0.76	0.49		0	<20	P 2
129	68	C	TEC-TEH	TEC-TEH		00133	610MC	VS5-	0.58	0.55		0	<20	P 2
131	68	C	TEC-TEH	TEC-TEH		00133	610MC	09H+	0.81	0.47		0	<20	P 2
143	68	C	TEC-09H	TEC-09H		00160	610MC	VS7+	0.66	0.49		0	<20	P 2
147	68	C	TEC-09H	TEC-09H		00167	610MC	BW1-	1.85	0.34		0	<20	P 2

CONAM NUCLEAR, INC.



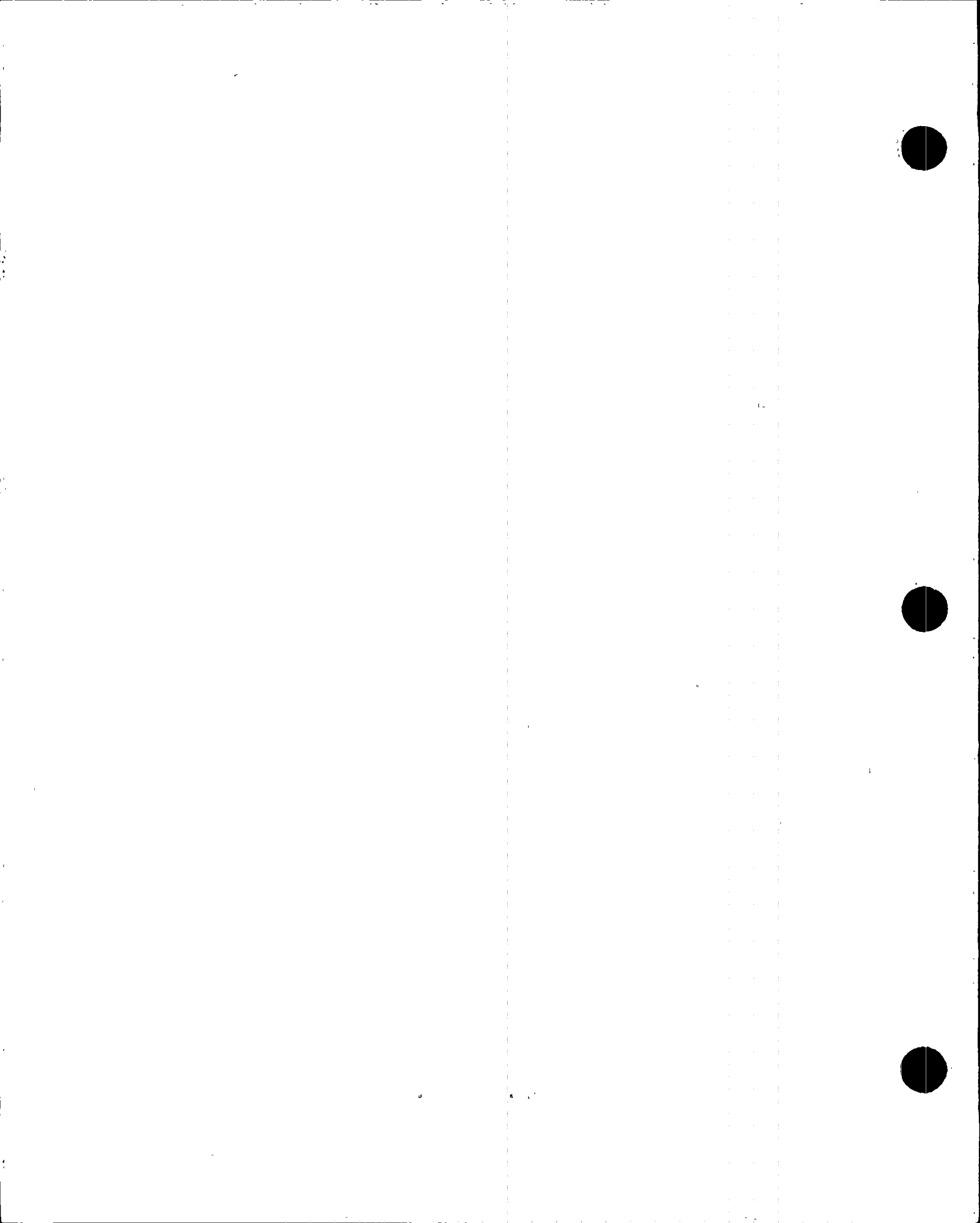
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

PAGE: 19 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
112	69	C	TEC-TEH	TEC-TEH		00124	610MC	VS6-	1.00	0.55		0	<20	P 2
120	69	C	TEC-TEH	TEC-TEH		00124	610MC	09H-	1.00	0.88		0	21	P 2
122	69	H	08H-VS1	08H-VS1		00095	580BC	VS1+	0.88	0.34		0	<20	P 2
132	69	C	TEC-TEH	TEC-TEH		00133	610MC	09H+	0.87	0.92		0	22	P 2
146	69	C	TEC-09H	TEC-09H		00167	610MC	BW1+	1.84	0.14		0	<20	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1+	2.00	0.68		0	27	P 2
148	69	H	TEH-09H	TEH-BW1		00136	610MC	BW1-	2.00	1.16		0	27	P 2
		C	TEC-09H	TEC-09H		00167	610MC	BW1-	1.85	0.61		0	22	P 2
		C	TEC-09H	TEC-09H		00167	610MC	BW1+	1.85	0.68		0	23	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.88		0	22	P 2
75	70	C	TEC-TEH	TEC-TEH		00064	610MF	07C-	0.73	1.06	141		BLI	P 1
125	70	H	08H-VS1	08H-VS1		00094	580BC	09H+	0.79	1.47		0	22	P 2
147	70	H	TEH-09H	TEH-BW1		00136	610MC	08H-	1.00	0.46		0	<20	P 2
		C	TEC-09H	TEC-08H		00160	610MC	BW1+	1.84	0.35		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.36		0	<20	P 2
149	70	C	TEC-09H	TEC-08H		00159	610MC	BW1+	1.59	0.66		0	22	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1+	2.00	0.47		0	<20	P 2
		C	TEC-09H	TEC-08H		00159	610MC	VS3+	0.67	0.29		0	<20	P 2
151	70	H	TEH-09H	TEH-BW1		00136	610MC	08H+	1.00	0.60		0	<20	P 2
44	71	C	TEC-TEH	TEC-TEH		00020	610MF	VS4-	0.99	0.36		0	<20	P 2
14	71	C	TEC-TEH	TEC-TEH		00124	610MC	VS3-	0.71	0.60		0	<20	P 2
122	71	C	TEC-TEH	TEC-TEH		00124	610MC	BW1+	1.70	0.71		0	<20	P 2
124	71	C	TEC-TEH	TEC-TEH		00123	610MC	09H-	0.08	0.38		0	<20	P 2
148	71	H	08H-VS1	08H-VS1		00090	580BC	BW1+	1.81	0.24		0	<20	P 2
152	71	C	TEC-09H	TEC-07H		00159	610MC	09H+	0.68	0.35		0	<20	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	09H+	1.00	0.36		0	<20	P 2
154	71	C	TEC-09H	TEC-06H		00160	610MC	03C+	0.75	0.65		0	22	P 2
85	72	H	VS5-VS5	VS5-VS5	1	00124	580AC	VS5-	0.21	0.69		0	<20	P 2
		H	VS5-VS5	VS5-VS5	1	00124	580AC	VS5+	0.03	0.31		0	<20	P 2
147	72	H	08H-VS1	08H-VS1		00090	580BC	BW1+	1.88	0.20		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	1.93	0.38		0	<20	P 2
151	72	C	TEC-09H	TEC-08H		00159	610MC	BW1+	1.71	0.93		0	24	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.05	1.29		0	29	P 2
153	72	H	BW1-VS1	BW1-VS1	7	00270	580AC	BW1+	0.09	0.39		0	<20	P 2
42	73	C	TEC-TEH	TEC-TEH		00021	610MF	04H+	7.15	1.16	16		BLI	P 1
102	73	C	TEC-TEH	TEC-TEH		00123	610MC	BW1+	1.94	0.18		0	<20	P 2
148	73	C	TEC-09H	TEC-09H		00159	610MC	BW1+	1.74	0.58		0	<20	P 2
		H	08H-VS1	08H-VS1	2	00112	580AC	BW1+	1.88	1.10		0	24	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1+	1.90	0.37		0	<20	P 2
		H	08H-VS1	08H-VS1		00093	580BC	BW1+	2.00	0.82		0	<20	P 2
150	73	H	08H-VS1	08H-VS1		00094	580BC	BW1+	4.16	0.47	.74		SVI	P 2
152	73	H	08H-VS1	08H-VS1		00005	580BC	BW1+	2.68	1.60	1.0		SVI	P 2
133	74	C	TEC-TEH	TEC-TEH		00134	610MC	BW1+	1.73	0.68		0	<20	P 2
134	75	C	TEC-TEH	TEC-TEH		00135	610MC	VS7+	0.88	0.61		0	<20	P 2
146	75	H	08H-VS1	08H-VS1		00092	580BC	VS1-	0.86	0.40		0	<20	P 2
		C	TEC-09H	TEC-09H		00159	610MC	VS3-	0.94	0.61		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
STAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

PAGE: 20 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
150	75	H	08H-VS1	08H-VS1		00092	580BC	BW1+ 2.11	0.94		.99	SVI	P 2	
152	75	H	BW1-VS1	BW1-VS1	1	00164	580AC	BW1+ 2.72	1.53		.83	SVI	P 2	
156	75	C	TEC-09H	TEC-09H		00160	610MC	BW2+ 1.51	0.42		0	<20	P 2	
99	76	C	TEC-TEH	TEC-TEH		00126	610MC	BW2+ 1.89	0.17		0	<20	P 2	
135	76	C	TEC-TEH	TEC-TEH		00135	610MC	BW2- 2.02	0.32		0	<20	P 2	
145	76	H	08H-VS1	08H-VS1		00091	580BC	08H+ 0.81	1.23		.23	SVI	P 2	
153	76	C	TEC-09H	TEC-08H		00159	610MC	BW2+ 1.96	0.69		0	20	P 2	
104	77	C	TEC-TEH	TEC-TEH		00126	610MC	BW1+ 1.76	0.28		0	<20	P 2	
148	77	H	08H-VS1	08H-VS1		00091	580BC	08H- 1.04	1.35		.22	SVI	P 2	
152	77	C	TEC-09H	TEC-09H		00160	610MC	VS1- 0.57	0.79		0	<20	P 2	
		C	TEC-09H	TEC-09H		00160	610MC	VS3+ 0.76	0.40		0	<20	P 2	
111	78	H	TEH-TEC	TEH-TEC		00003	610MF	BW1+ 1.95	0.68		0	<20	P 2	
		C	TEC-TEH	TEC-TEH	3	00179	610MS	BW1+ 1.96	0.53		0	<20	P 2	
129	78	C	TEC-TEH	TEC-TEH	3	00179	610MS	VS5+ 0.84	0.48		0	<20	P 2	
149	78	C	TEC-TEH	TEC-TEH	3	00179	610MS	02H+ 0.93	0.25		0	<20	P 2	
151	78	C	TEC-09H	TEC-08H		00159	610MC	09H+ 0.75	0.53		0	<20	P 2	
		H	TEH-09H	TEH-BW1		00134	610MC	09H+ 1.00	0.58		0	<20	P 2	
		H	TEH-09H	TEH-BW1		00134	610MC	BW1- 2.00	0.33		0	<20	P 2	
		C	TEC-09H	TEC-08H		00159	610MC	BW2+ 1.71	0.79		0	22	P 2	
70	79	C	TEC-TEH	TEC-TEH		00059	610MF	VS5- 0.76	0.46		0	<20	P 2	
80	79	C	TEC-TEH	TEC-TEH		00059	610MF	VS3- 0.79	0.54		0	<20	P 2	
152	79	C	TEC-09H	TEC-09H		00160	610MC	BW1+ 1.70	0.65		0	<20	P 2	
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+ 2.02	0.70		0	<20	P 2	
154	79	H	TEH-09H	TEH-BW1		00133	610MC	BW1+ 1.99	0.60		0	20	P 2	
		C	TEC-09H	TEC-07H		00159	610MC	BW1+ 2.05	0.56		0	<20	P 2	
156	79	C	TEC-09H	TEC-09H		00160	610MC	VS7+ 0.73	0.30		0	<20	P 2	
115	80	C	TEC-TEH	TEC-TEH		00133	610MC	VS2+ 0.85	0.77		0	<20	P 2	
119	80	C	TEC-TEH	TEC-TEH		00133	610MC	BW2+ 2.00	0.57		0	<20	P 2	
121	80	C	TEC-TEH	TEC-TEH		00131	610MC	BW2+ 2.00	0.43		0	<20	P 2	
127	80	C	TEC-TEH	TEC-TEH		00131	610MC	09H+ 1.00	0.44		0	<20	P 2	
131	80	C	TEC-TEH	TEC-TEH		00161	610MC	BW2+ 2.00	0.45		0	<20	P 2	
133	80	C	TEC-TEH	TEC-TEH		00134	610MC	VS1+ 0.84	0.30		0	<20	P 2	
153	80	H	TEH-09H	TEH-BW1		00134	610MC	BW1- 2.00	0.33		0	<20	P 2	
155	80	C	TEC-09H	TEC-09H		00160	610MC	VS7- 0.68	0.53		0	<20	P 2	
		C	TEC-09H	TEC-09H		00160	610MC	BW2+ 2.00	0.38		0	<20	P 2	
157	80	H	TEH-09H	TEH-BW1		00134	610MC	BW1+ 1.89	0.23		0	<20	P 2	
		C	TEC-09H	TEC-09H		00159	610MC	VS5+ 0.92	0.22		0	<20	P 2	
146	81	C	TEC-09H	TEC-09H		00159	610MC	VS1- 0.90	0.51		0	<20	P 2	
		C	TEC-09H	TEC-09H		00159	610MC	VS5- 0.82	0.42		0	<20	P 2	
150	81	C	TEC-09H	TEC-09H		00159	610MC	BW1+ 1.77	0.51		0	<20	P 2	
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+ 2.00	0.50		0	<20	P 2	
		C	TEC-09H	TEC-09H		00159	610MC	VS1+ 0.95	0.59		0	<20	P 2	
152	81	C	TEC-09H	TEC-09H		00160	610MC	BW1+ 1.81	0.84		0	22	P 2	
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+ 2.00	0.91		0	23	P 2	
154	81	H	TEH-09H	TEH-BW1		00134	610MC	BW1+ 1.81	0.31		0	<20	P 2	
		C	TEC-09H	TEC-07H		00159	610MC	BW1+ 2.05	0.22		0	<20	P 2	

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

PAGE: 21 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
156	81	C	TEC-09H	TEC-08H		00160	610MC	BW1+	1.93	0.41		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.33		0	<20	P 2
133	82	C	TEC-TEH	TEC-TEH		00132	610MC	BW1-	2.00	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00132	610MC	VS3-	0.58	0.25		0	<20	P 2
137	82	C	TEC-TEH	TEC-TEH		00132	610MC	BW1+	1.72	0.29		0	<20	P 2
139	82	C	TEC-TEH	TEC-TEH		00131	610MC	BW1+	2.00	0.20		0	<20	P 2
143	82	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	2.08	0.50		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	1.91	0.54		0	<20	P 2
147	82	C	TEC-09H	TEC-09H		00160	610MC	VS3+	0.17	0.99		0	26	P 2
149	82	C	TEC-09H	TEC-08H		00159	610MC	VS1-	0.96	0.45		0	<20	P 2
		C	TEC-09H	TEC-08H		00159	610MC	VS1+	0.90	0.63		0	<20	P 2
153	82	C	TEC-09H	TEC-08H		00159	610MC	BW1+	1.68	0.64		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.41		0	<20	P 2
157	82	C	TEC-09H	TEC-09H		00159	610MC	VS1+	0.73	0.39		0	<20	P 2
100	83	C	TEC-TEH	TEC-TEH		00130	610MC	VS3-	1.04	0.25		0	<20	P 2
114	83	C	TEC-TEH	TEC-TEH		00129	610MC	BW1+	2.02	0.35		0	<20	P 2
124	83	C	TEC-TEH	TEC-TEH		00130	610MC	VS3+	1.00	1.04		0	25	P 2
132	83	C	TEC-TEH	TEC-TEH		00130	610MC	BW2-	2.00	0.19		0	<20	P 2
136	83	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	2.04	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00130	610MC	VS5-	1.00	0.47		0	<20	P 2
38	83	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	1.89	0.19		0	<20	P 2
142	83	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	2.00	0.40		0	<20	P 2
		C	TEC-09H	TEC-08H		00159	610MC	BW1-	2.00	0.24		0	<20	P 2
144	83	H	BW1-VS1	BW1-VS1	7	00270	580AC	BW1-	1.88	0.56		0	<20	P 2
146	83	C	TEC-09H	TEC-09H		00160	610MC	BW1-	1.99	0.29		0	<20	P 2
156	83	C	TEC-09H	TEC-08H		00159	610MC	BW2+	1.76	0.39		0	<20	P 2
		C	TEC-09H	TEC-08H		00159	610MC	04C+	0.86	0.55		0	<20	P 2
33	84	C	TEC-TEH	TEC-TEH		00019	610MF	BW1-	2.00	0.97		0	24	P 2
123	84	C	TEC-TEH	TEC-TEH		00130	610MC	VS5+	1.00	0.57		0	<20	P 2
137	84	H	BW1-VS1	BW1-VS1		00132	580AC	BW1+	3.44	0.84		17	SVI	P 2
		H	BW1-VS1	BW1-VS1	1	00132	580AC	VS1-	0.92	0.45		0	<20	P 2
141	84	H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.41		0	<20	P 2
143	84	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	2.00	0.58		0	<20	P 2
		C	TEC-09H	TEC-09H		00160	610MC	BW1-	1.65	0.14		0	<20	P 2
145	84	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	2.00	0.31		0	<20	P 2
		C	TEC-09H	TEC-08H		00159	610MC	BW1-	1.82	0.37		0	<20	P 2
149	84	C	TEC-09H	TEC-09H		00159	610MC	BW2-	1.81	0.69		0	20	P 2
151	84	C	TEC-09H	TEC-09H		00160	610MC	VS1+	0.86	0.98		0	23	P 2
153	84	C	TEC-09H	TEC-09H		00159	610MC	BW1+	1.81	0.83		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	1.87	0.41		0	<20	P 2
110	85	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	1.77	0.19		0	<20	P 2
114	85	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	1.83	0.23		0	<20	P 2
122	85	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	1.96	0.68		0	<20	P 2
130	85	C	TEC-TEH	TEC-TEH		00130	610MC	BW1-	2.06	0.23		0	<20	P 2
142	85	C	TEC-09H	TEC-09H		00159	610MC	BW1+	1.85	0.50		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.23		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
146	85	C	TEC-09H	TEC-08H		00160	610MC	VS7+	0.72	0.79		0	22	P 2
154	85	C	TEC-09H	TEC-08H		00160	610MC	BW1+	1.89	0.23		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.37		0	<20	P 2
		C	TEC-09H	TEC-08H		00160	610MC	VS1-	0.82	0.70		0	22	P 2
35	86	C	TEC-TEH	TEC-TEH		00019	610MF	BW1+	1.88	0.83		0	21	P 2
119	86	C	TEC-TEH	TEC-TEH		00130	610MC	09H+	1.00	0.27		0	<20	P 2
121	86	C	TEC-TEH	TEC-TEH		00129	610MC	09H+	0.86	0.33		0	<20	P 2
143	86	C	TEC-09H	TEC-09H		00165	610MC	BW1+	1.75	0.23		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	1.85	0.25		0	<20	P 2
145	86	C	TEC-09H	TEC-07H		00159	610MC	VS1-	0.81	0.51		0	<20	P 2
149	86	C	TEC-09H	TEC-08H		00159	610MC	VS1-	0.70	0.64		0	<20	P 2
153	86	C	TEC-09H	TEC-07H		00159	610MC	VS3-	0.92	0.22		0	<20	P 2
		C	TEC-09H	TEC-07H		00159	610MC	VS3+	0.78	0.96		0	25	P 2
114	87	C	TEC-TEH	TEC-TEH		00130	610MC	BW1-	2.00	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00130	610MC	VS2-	1.00	0.29		0	<20	P 2
142	87	H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.27		0	<20	P 2
150	87	C	TEC-09H	TEC-09H		00160	610MC	VS3-	0.72	0.46		0	<20	P 2
154	87	C	TEC-09H	TEC-09H		00159	610MC	BW1+	1.85	0.53		0	<20	P 2
		H	BW1-BW1	BW1-BW1	7	00251	580AC	BW1+	2.00	0.60		0	<20	P 2
		C	TEC-09H	TEC-09H		00159	610MC	VS1-	0.93	0.53		0	<20	P 2
23	88	C	TEC-TEH	TEC-TEH		00130	610MC	VS5+	1.00	0.78		0	20	P 2
131	88	C	TEC-TEH	TEC-TEH		00130	610MC	BW1+	2.00	0.19		0	<20	P 2
143	88	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	1.97	0.23		0	<20	P 2
153	88	C	TEC-09H	TEC-09H		00157	610MC	VS1+	1.00	0.38		0	<20	P 2
159	88	C	TEC-09H	TEC-09H		00158	610MC	VS3-	0.79	2.00		0	32	P 2
		C	TEC-09H	TEC-09H		00158	610MC	VS7-	0.73	0.46		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	VS7-	0.08	1.37		0	29	P 2
38	89	C	TEC-TEH	TEC-TEH		00019	610MF	BW1-	2.00	0.41		0	<20	P 2
108	89	C	TEC-TEH	TEC-TEH		00128	610MC	VS5-	1.00	0.66		0	<20	P 2
114	89	H	BW1-VS2	BW1-VS2	1	00132	580AC	BW1+	1.76	0.54		0	<20	P 2
124	89	C	TEC-TEH	TEC-TEH		00135	610MC	VS3+	0.65	0.57		0	<20	P 2
130	89	H	BW1-VS1	BW1-VS1		00161	580AC	BW1-	1.88	1.39		0	<20	P 2
		H	BW1-VS1	BW1-VS1	1	00161	580AC	BW1+	5.46	1.09		.62	SVI	P 2
134	89	C	TEC-TEH	TEC-TEH		00135	610MC	09H+	0.98	1.17		0	27	P 2
136	89	C	TEC-TEH	TEC-TEH		00135	610MC	BW1+	1.84	0.60		0	<20	P 2
148	89	H	09H-09H	09H-09H	1	00158	600AC	09H+	0.18	0.52		0	<20	P 2
131	90	C	TEC-TEH	TEC-TEH		00135	610MC	VS3-	0.86	0.31		0	<20	P 2
155	90	C	TEC-09H	TEC-09H		00158	610MC	VS3-	0.78	0.52		0	<20	P 2
130	91	C	TEC-TEH	TEC-TEH		00134	610MC	09H-	1.01	0.38		0	<20	P 2
140	91	H	08H-VS1	08H-VS1		00085	580BC	09H+	1.04	0.39		0	<20	P 2
148	91	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.82	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.42		0	<20	P 2
152	91	C	TEC-09H	TEC-09H		00157	610MC	BW1-	2.00	0.31		0	<20	P 2
		H	TEH-09H	TEH-BW1		00133	610MC	BW1+	2.00	0.38		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.00	0.33		0	<20	P 2
23	92	C	TEC-TEH	TEC-TEH		00128	610MC	08H+	1.00	0.25		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
131	92	C	TEC-TEH	TEC-TEH		00135	610MC	09H+	0.75	0.49		0	<20	P 2
141	92	H	TEH-09H	TEH-BW1		00133	610MC	BW1+	2.00	0.43		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.00	0.36		0	<20	P 2
145	92	H	08H-VS1	08H-VS1		00084	580BC	BW1+	1.86	0.34		0	<20	P 2
149	92	H	TEH-09H	TEH-VS1		00133	610MC	BW1+	1.71	0.99		0	28	P 2
		H	08H-VS1	08H-VS1		00084	580BC	BW1+	1.85	1.19		0	22	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.00	0.78		0	22	P 2
155	92	H	TEH-09H	TEH-BW1		00134	610MC	08H-	1.06	0.48		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.95	1.15		0	24	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	1.35		0	29	P 2
159	92	C	TEC-09H	TEC-09H		00158	610MC	09H+	0.95	0.50		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	1.81	0.27		0	<20	P 2
38	93	C	TEC-TEH	TEC-TEH		00162	610MC	VS4+	0.71	0.72		0	24	P 2
84	93	C	TEC-TEH	TEC-TEH		00052	610MF	VS3-	0.97	0.90		0	20	P 2
120	93	C	TEC-TEH	TEC-TEH		00161	610MC	08H+	0.81	0.25		0	<20	P 2
126	93	C	TEC-TEH	TEC-TEH		00127	610MC	BW1+	1.80	0.25		0	<20	P 2
128	93	C	TEC-TEH	TEC-TEH		00161	610MC	09H+	0.84	0.32		0	<20	P 2
130	93	C	TEC-TEH	TEC-TEH		00127	610MC	09H-	0.96	0.38		0	<20	P 2
132	93	C	TEC-TEH	TEC-TEH		00127	610MC	09H-	0.95	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00127	610MC	09H+	0.77	0.70		0	21	P 2
34	93	C	TEC-TEH	TEC-TEH		00127	610MC	BW1+	2.00	0.26		0	<20	P 2
144	93	C	TEC-09H	TEC-09H		00157	610MC	09H+	1.00	0.23		0	<20	P 2
148	93	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.96	0.34		0	<20	P 2
		H	08H-VS1	08H-VS1		00085	580BC	BW1+	1.99	0.77		0	<20	P 2
		H	TEH-09H	TEH-BW1		00133	610MC	BW1+	2.00	0.38		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	VS5+	1.00	0.29		0	<20	P 2
152	93	H	TEH-09H	TEH-BW1		00133	610MC	BW1+	1.88	0.58		0	20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.01	0.67		0	<20	P 2
154	93	C	TEC-09H	TEC-09H		00158	610MC	VS1-	0.88	1.77		0	30	P 2
127	94	C	TEC-TEH	TEC-TEH		00127	610MC	08H+	0.74	0.63		0	22	P 2
		C	TEC-TEH	TEC-TEH		00127	610MC	09H-	0.26	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00127	610MC	09H+	0.64	0.55		0	<20	P 2
133	94	C	TEC-TEH	TEC-TEH		00127	610MC	09H+	0.81	0.33		0	<20	P 2
137	94	C	TEC-TEH	TEC-TEH		00127	610MC	BW1+	2.06	0.22		0	<20	P 2
145	94	C	TEC-09H	TEC-09H		00157	610MC	09C-	0.92	0.33		0	<20	P 2
147	94	H	08H-VS1	08H-VS1		00083	580BC	BW1+	1.89	0.75		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW1+	2.00	0.50		0	<20	P 2
		H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.05	0.23		0	<20	P 2
149	94	H	08H-VS1	08H-VS1		00114	580AC	VS1+	0.91	0.80		0	<20	P 2
151	94	H	TEH-09H	TEH-BW1		00134	610MC	BW1+	2.00	0.21		0	<20	P 2
159	94	H	TEH-09H	TEH-BW1		00134	610MC	BW1-	2.00	0.83		0	22	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW1-	1.87	0.62		0	<20	P 2
126	95	C	TEC-TEH	TEC-TEH		00146	610MC	BW1+	2.18	0.36		0	<20	P 2
130	95	C	TEC-TEH	TEC-TEH		00145	610MC	BW1-	2.00	0.40		0	<20	P 2
134	95	C	TEC-TEH	TEC-TEH		00145	610MC	08H+	0.77	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00145	610MC	09H+	0.81	0.22		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
140	95	C	TEC-TEH	TEC-TEH		00146	610MC	09H+	0.85	0.36		0	<20	P 2
		H	08H-VS1	07H-VS1		00081	580BC	09H+	0.93	0.56		0	<20	P 2
142	95	H	08H-VS1	08H-09H		00081	580BC	08H-	1.09	0.67		0	<20	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	08H-	1.00	0.53		0	23	P 2
		H	08H-VS1	09H-VS1		00081	580BC	BW1-	2.00	0.35		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1-	1.93	0.21		0	<20	P 2
146	95	H	08H-VS1	08H-VS1		00081	580BC	BW1+	2.03	0.32		0	<20	P 2
		H	08H-VS1	08H-VS1		00081	580BC	VS1-	1.00	0.41		0	<20	P 2
152	95	C	TEC-09H	TEC-08H		00158	610MC	09C+	0.79	0.26		0	<20	P 2
39	96	C	TEC-TEH	TEC-TEH		00162	610MC	BW1-	2.00	0.40		0	<20	P 2
127	96	C	TEC-TEH	TEC-TEH		00146	610MC	VS1-	1.00	0.45		0	<20	P 2
129	96	C	TEC-TEH	TEC-TEH		00145	610MC	BW2+	2.00	0.25		0	<20	P 2
145	96	H	08H-VS1	08H-VS1		00081	580BC	VS1-	1.00	0.70		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	VS1-	1.00	0.34		0	<20	P 2
153	96	C	TEC-09H	TEC-08H		00158	610MC	BW1+	1.85	0.94		0	21	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1+	2.00	0.30		0	<20	P 2
155	96	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.64	0.33		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.66		0	<20	P 2
159	96	C	TEC-09H	TEC-09H		00158	610MC	09H+	0.69	0.45		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	09H+	0.86	0.42		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	VS1-	0.20	0.96		0	24	P 2
128	97	C	TEC-TEH	TEC-TEH		00145	610MC	09H-	1.00	0.61		0	<20	P 2
130	97	C	TEC-TEH	TEC-TEH		00145	610MC	09H-	0.15	0.58		0	<20	P 2
136	97	C	TEC-TEH	TEC-TEH		00145	610MC	09H+	1.00	0.36		0	<20	P 2
148	97	H	08H-VS1	08H-BW1		00085	580BC	08H-	1.21	0.78		0	<20	P 2
150	97	H	08H-VS1	08H-VS1		00084	580BC	BW1+	2.00	0.55		0	<20	P 2
39	98	C	TEC-TEH	TEC-TEH		00162	610MC	VS4+	0.73	0.45		0	<20	P 2
131	98	C	TEC-TEH	TEC-TEH		00146	610MC	BW1+	2.00	0.37		0	<20	P 2
133	98	C	TEC-TEH	TEC-TEH		00146	610MC	09H+	1.00	1.16		0	25	P 2
141	98	H	08H-VS1	08H-VS1		00079	580BC	09H-	0.95	0.36		0	<20	P 2
		H	08H-VS1	08H-VS1		00079	580BC	09H+	1.01	0.45		0	<20	P 2
145	98	H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.37		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.00	0.34		0	<20	P 2
		H	08H-VS1	08H-VS1		00079	580BC	VS1-	1.00	0.58		0	<20	P 2
		H	08H-VS1	08H-VS1		00079	580BC	VS1+	1.00	0.50		0	<20	P 2
149	98	H	08H-VS1	08H-VS1		00079	580BC	09H+	0.98	0.41		.22	SVI	P 2
		H	08H-VS1	08H-VS1		00079	580BC	BW1-	1.96	0.47		0	<20	P 2
153	98	C	TEC-09H	TEC-09H		00157	610MC	09H+	0.78	0.47		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	09H+	1.00	0.32		0	<20	P 2
124	99	C	TEC-TEH	TEC-TEH		00148	610MC	09H-	0.13	0.63		0	<20	P 2
138	99	C	TEC-TEH	TEC-TEH		00147	610MC	09H+	1.00	0.28		0	<20	P 2
148	99	C	TEC-09H	TEC-09H		00157	610MC	09H+	0.68	0.38		0	<20	P 2
		H	08H-VS1	08H-VS1		00078	580BC	09H+	0.70	0.73		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	09H+	1.00	0.29		0	<20	P 2
150	99	H	08H-VS1	08H-VS1		00079	580BC	BW1+	1.81	0.59		0	<20	P 2
		C	TEC-09H	TEC-08H		00158	610MC	BW1+	2.00	0.65		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
158	99	C	TEC-09H	TEC-09H		00158	610MC	VS7+	0.86	0.46		0	<20	P 2
39	100	C	TEC-TEH	TEC-TEH		00162	610MC	BW1+	1.94	0.32		0	<20	P 2
133	100	C	TEC-TEH	TEC-09H		00151	610MC	BW1+	1.79	0.78		0	<20	P 2
		H	TEH-09H	TEH-BW1		00142	610MC	BW1+	1.85	0.50		0	<20	P 2
135	100	H	TEH-09H	TEH-BW1		00143	610MC	BW1+	1.53	0.13		0	<20	P 2
151	100	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.74	0.57		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.92		0	23	P 2
153	100	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.68	0.44		0	<20	P 2
		H	TEH-09H	TEH-BW1		00135	610MC	BW1+	2.00	0.39		0	<20	P 2
124	101	H	TEH-09H	TEH-BW1		00143	610MC	08H-	0.17	0.55		0	<20	P 2
134	101	H	08H-VS1	08H-VS1		00073	580BC	09H+	0.96	0.48		0	<20	P 2
138	101	C	TEC-TEH	TEC-08H		00151	610MC	09H+	0.73	0.49		0	<20	P 2
		H	08H-VS1	08H-VS1		00073	580BC	09H+	0.90	1.27		0	<20	P 2
		H	TEH-08H	TEH-BW1		00142	610MC	09H+	1.00	0.72		0	22	P 2
142	101	C	TEC-09H	TEC-09H		00157	610MC	09H+	0.79	0.47		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	09H+	1.00	0.60		0	<20	P 2
146	101	C	TEC-09H	TEC-TEH		00165	610MC	09H+	0.82	0.98		0	25	P 2
		C	TEC-09H	TEC-09H		00158	610MC	09H+	0.93	1.54		0	28	P 2
		H	BW1-VS1	BW1-VS1	1	00161	580AC	BW1+	3.96	1.31	.49		SVI	P 2
150	101	H	TEH-09H	TEH-BW1		00136	610MC	BW1-	2.00	0.42		0	<20	P 2
156	101	C	TEC-09H	TEC-08H		00157	610MC	VS5-	0.94	0.30		0	<20	P 2
39	102	C	TEC-TEH	TEC-TEH		00018	610MF	VS4+	0.76	0.23		0	<20	P 2
67	102	C	TEC-TEH	TEC-TEH		00052	610MF	BW2-	2.00	0.97		0	20	P 2
127	102	C	TEC-TEH	TEC-09H		00151	610MC	BW1+	1.85	0.67		0	<20	P 2
		H	TEH-09H	TEH-BW1		00143	610MC	BW1+	1.85	0.26		0	<20	P 2
143	102	H	BW1-VS1	BW1-VS1	7	00273	580AC	BW1+	1.91	0.26		0	<20	P 2
		H	BW1-VS1	BW1-VS1	7	00273	580AC	BW1+	3.15	0.61	.30		SVI	P 2
149	102	C	TEC-09H	TEC-08H		00157	610MC	BW1+	1.81	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.46		0	<20	P 2
153	102	C	TEC-09H	TEC-07H		00157	610MC	BW1+	1.84	0.54		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	BW1+	2.00	0.58		0	<20	P 2
36	103	C	TEC-TEH	TEC-TEH		00019	610MF	BW1-	1.94	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00019	610MF	VS4-	1.00	1.65		0	32	P 2
86	103	C	TEC-TEH	TEC-TEH		00051	610MF	VS3+	0.81	0.37		0	<20	P 2
124	103	H	TEH-08H	TEH-BW1		00143	610MC	08H+	0.83	0.37		0	<20	P 2
126	103	C	TEC-TEH	TEC-08H		00151	610MC	06C-	0.67	0.64		0	<20	P 2
138	103	C	TEC-TEH	TEC-08H		00151	610MC	BW1-	2.01	0.43		0	<20	P 2
		H	TEH-08H	TEH-BW1		00142	610MC	BW1-	2.00	0.52		0	<20	P 2
		H	08H-VS1	08H-VS1		00073	580BC	BW1-	1.92	0.89		0	<20	P 2
148	103	H	TEH-09H	TEH-BW1		00136	610MC	09H-	0.94	0.72		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	09C-	0.93	1.15		0	23	P 2
154	103	C	TEC-09H	TEC-09H		00158	610MC	09H+	0.61	0.83		0	<20	P 2
		H	TEH-09H	TEH-BW1		00136	610MC	09H+	1.00	0.72		0	<20	P 2
158	103	C	TEC-09H	TEC-09H		00158	610MC	BW2+	2.00	0.39		0	<20	P 2
127	104	C	TEC-TEH	TEC-07H		00151	610MC	09H+	0.70	0.24		0	<20	P 2
		H	TEH-07H	TEH-TEC		00142	610MC	09H+	0.81	0.29		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
VOLTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
131	104	H	08H-VS1	09H-VS1		00069	580BC	09H+	0.95	0.35		0	<20	P 2
135	104	C	TEC-TEH	TEC-08H		00151	610MC	09H+	0.97	0.76		0	20	P 2
		H	TEH-08H	TEH-BW1		00143	610MC	09H+	1.05	0.49		0	<20	P 2
141	104	C	TEC-09H	TEC-09H		00158	610MC	09C+	0.91	0.52		0	<20	P 2
143	104	C	TEC-09H	TEC-09H		00158	610MC	09H+	0.76	0.50		0	<20	P 2
		H	TEH-09H	TEH-09H		00137	610MC	09H+	0.80	0.35		0	<20	P 2
149	104	C	TEC-09H	TEC-09H		00158	610MC	BW2+	1.85	0.56		0	<20	P 2
151	104	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.79	0.41		0	<20	P 2
153	104	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.72	0.50		0	<20	P 2
155	104	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.85	0.52		0	<20	P 2
		H	TEH-09H	TEH-09C		00137	610MC	BW1+	2.00	0.31		0	<20	P 2
34	105	C	TEC-TEH	TEC-TEH		00019	610MF	BW1-	1.98	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00019	610MF	BW2+	2.00	0.31		0	<20	P 2
36	105	C	TEC-TEH	TEC-TEH		00019	610MF	VS4+	0.71	0.45		0	<20	P 2
120	105	C	TEC-TEH	TEC-05H		00151	610MC	BW2+	1.85	0.38		0	<20	P 2
		H	TEH-05H	TEH-TEC		00142	610MC	BW2+	1.85	0.50		0	<20	P 2
148	105	H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.08	0.29		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	VS7-	0.81	0.35		0	<20	P 2
150	105	C	TEC-09H	TEC-08H		00158	610MC	09H+	0.73	0.43		0	<20	P 2
152	105	H	TEH-09H	TEH-BW1		00138	610MC	09H-	0.87	0.24		0	<20	P 2
		C	TEC-09H	TEC-08H		00158	610MC	VS1-	0.66	0.44		0	<20	P 2
89	106	C	TEC-TEH	TEC-TEH		00047	610MF	VS5-	0.65	0.35		0	<20	P 2
97	106	C	TEC-TEH	TEC-TEH		00142	610MC	VS2+	0.82	0.62		0	<20	P 2
109	106	C	TEC-TEH	TEC-TEH		00143	610MC	BW1+	1.85	0.31		0	<20	P 2
117	106	C	TEC-TEH	TEC-TEH		00143	610MC	09H-	0.53	0.44		0	<20	P 2
147	106	C	TEC-09H	TEC-09H		00158	610MC	BW2+	1.85	0.37		0	<20	P 2
149	106	C	TEC-09H	TEC-09H		00157	610MC	BW1-	2.00	0.64		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1-	2.00	0.78		0	<20	P 2
151	106	H	TEH-09H	TEH-BW1		00137	610MC	BW1-	2.00	0.23		0	<20	P 2
153	106	H	TEH-09H	TEH-BW1		00138	610MC	BW1+	1.73	0.88		0	<20	P 2
		C	TEC-09H	TEC-08H		00157	610MC	BW1+	2.00	0.64		0	<20	P 2
82	107	C	TEC-TEH	TEC-TEH		00047	610MF	VS5+	0.75	1.59		0	34	P 2
114	107	C	TEC-TEH	TEC-TEH		00142	610MC	BW1+	1.98	0.42		0	<20	P 2
128	107	H	TEH-TEC	TEH-TEC		00143	610MC	09H+	0.80	0.41		0	<20	P 2
132	107	H	08H-VS1	08H-VS1		00069	580BC	09H+	1.05	0.70		0	<20	P 2
136	107	H	08H-VS1	08H-VS1		00069	580BC	09H+	0.89	1.06		0	<20	P 2
138	107	H	08H-VS1	08H-VS1		00071	580BC	09H-	0.29	0.96		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00149	610MC	09H-	0.19	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00149	610MC	09H+	0.85	0.66		0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	09H+	1.02	1.24		0	23	P 2
140	107	H	08H-VS1	08H-VS1		00071	580BC	09H+	0.50	0.78		0	<20	P 2
142	107	C	TEC-09H	TEC-09H		00158	610MC	BW2+	1.85	0.24		0	<20	P 2
144	107	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.56	0.47		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.39		0	<20	P 2
148	107	C	TEC-09H	TEC-09H		00157	610MC	09H+	0.75	0.36		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	09H+	0.95	0.57		0	<20	P 2

CONAM NUCLEAR, INC.

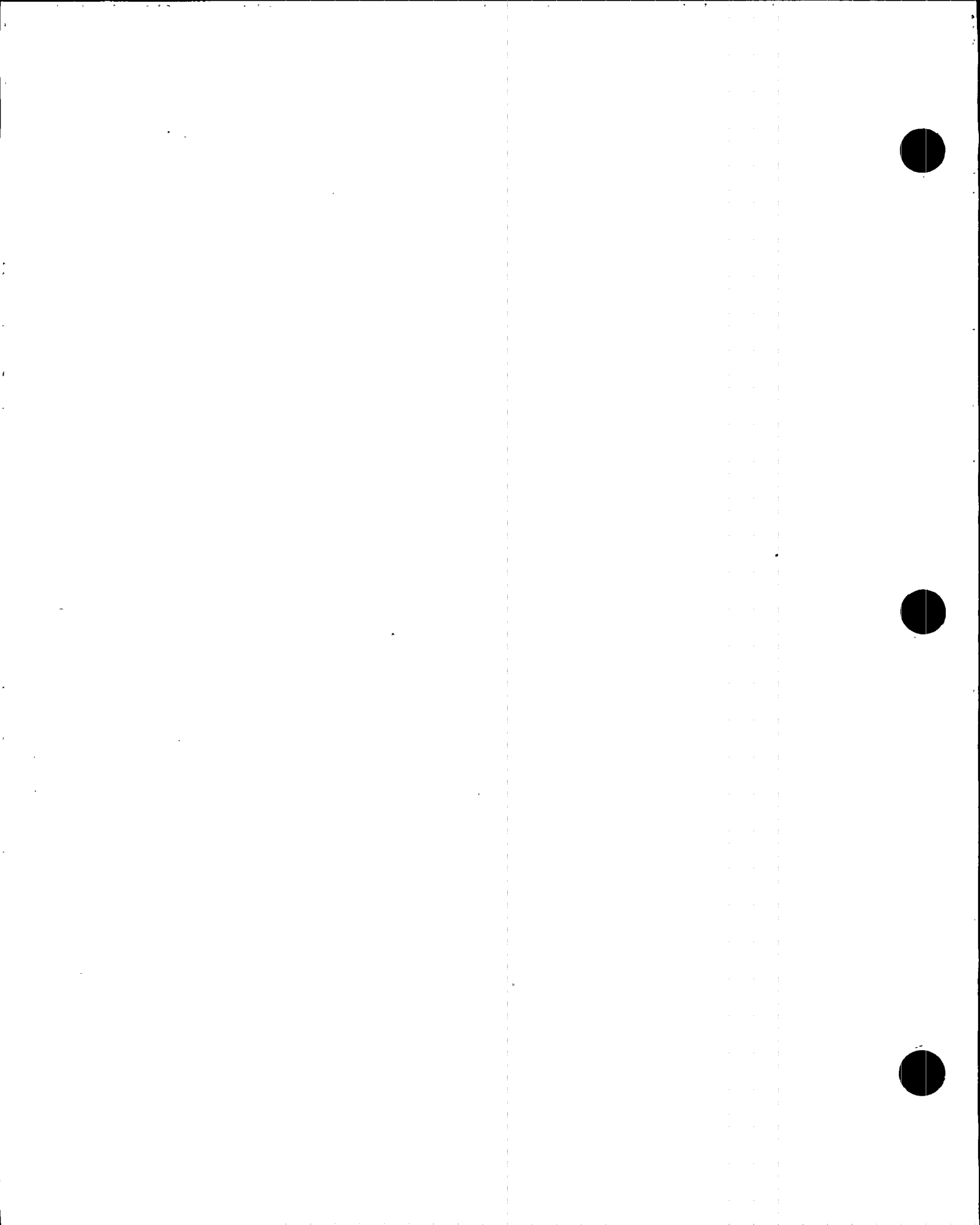
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
152	107	C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.00	0.67		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.59		0	<20	P 2
154	107	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.76	0.70		0	20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	1.80	0.55		0	<20	P 2
119	108	C	TEC-TEH	TEC-TEH		00143	610MC	BW1+	1.81	0.40		0	<20	P 2
121	108	C	TEC-TEH	TEC-TEH		00147	610MC	BW1+	2.00	0.28		0	<20	P 2
123	108	H	TEH-TEC	TEH-TEC		00143	610MC	VS5+	0.86	0.27		0	<20	P 2
127	108	C	TEC-TEH	TEC-TEH		00149	610MC	BW1+	1.95	0.39		0	<20	P 2
131	108	H	08H-VS1	08H-VS1		00071	580BC	09H-	0.08	0.64		0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	09H+	0.89	0.46		0	<20	P 2
133	108	H	08H-VS1	08H-VS1		00071	580BC	BW1+	1.77	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00150	610MC	BW1+	1.96	0.49		0	<20	P 2
139	108	C	TEC-TEH	TEC-TEH		00149	610MC	BW1+	2.07	0.40		0	<20	P 2
		H	08H-VS1	08H-VS1		00071	580BC	BW1+	2.17	0.59		0	<20	P 2
141	108	C	TEC-09H	TEC-09H		00157	610MC	VS1-	0.85	0.17		0	<20	P 2
143	108	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.91	0.35		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.43		0	<20	P 2
145	108	H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.03	0.20		0	<20	P 2
147	108	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.85	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.21		0	<20	P 2
49	108	H	TEH-09H	TEH-BW1		00138	610MC	BW1+	1.84	0.34		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.96	0.49		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	VS5+	1.00	0.41		0	<20	P 2
151	108	H	TEH-09H	TEH-BW1		00137	610MC	BW1-	2.00	0.13		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW1-	1.81	0.17		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.78	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.19		0	<20	P 2
153	108	C	TEC-09H	TEC-09H		00157	610MC	BW1+	2.04	0.54		0	<20	P 2
30	109	C	TEC-TEH	TEC-TEH		00019	610MF	BW1-	2.00	0.72		0	<20	P 2
114	109	C	TEC-TEH	TEC-TEH		00140	610MC	BW2-	1.69	0.30		0	<20	P 2
120	109	H	VS3-VS5	VS5-VS5	1	00161	580AC	VS5-	22.75				OBS	P 2
138	109	H	08H-VS1	08H-VS1		00071	580BC	BW1-	2.00	0.32		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00143	610MC	BW1+	1.73	0.43		0	<20	P 2
109	110	C	TEC-TEH	TEC-TEH		00140	610MC	BW1+	1.93	0.15		0	<20	P 2
153	110	H	TEH-09H	TEH-BW1		00138	610MC	09H+	0.72	0.49		0	<20	P 2
		C	TEC-09H	TEC-09H		00157	610MC	09H+	0.78	0.49		0	<20	P 2
157	110	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.79	0.92		0	23	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.10	0.23		0	<20	P 2
70	111	C	TEC-TEH	TEC-TEH		00047	610MF	VS3+	0.71	0.41		0	<20	P 2
78	111	C	TEC-TEH	TEC-TEH		00047	610MF	VS3+	1.00	0.23		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00047	610MF	VS5-	0.70	0.31		0	<20	P 2
113	112	C	TEC-TEH	TEC-TEH		00140	610MC	BW1+	2.14	0.16		0	<20	P 2
129	112	C	TEC-TEH	TEC-TEH		00147	610MC	VS5+	1.00	0.36		0	<20	P 2
149	112	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.96	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.13		0	<20	P 2
42	113	H	TEH-09H	TEH-BW1		00138	610MC	09H+	0.75	1.51		0	27	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MOUNTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

PAGE: 28 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
142	113	C	TEC-09H	TEC-09H		00157	610MC	09H+	0.87	1.06		0	26	P 2
156	113	C	TEC-09H	TEC-09H		00158	610MC	VS5+	0.64	0.30		0	<20	P 2
89	114	C	TEC-TEH	TEC-TEH	3	00179	610MS	07H+	1.00	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	VS3-	1.00	0.53		0	<20	P 2
97	114	C	TEC-TEH	TEC-TEH	3	00179	610MS	VS5+	1.12	0.62		0	<20	P 2
107	114	C	TEC-TEH	TEC-TEH		00145	610MC	BW2+	1.93	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	BW2+	2.00	0.68		0	<20	P 2
111	114	H	TEH-TEC	TEH-TEC		00001	610MF	BW1+	1.70	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	BW1+	1.98	0.56		0	<20	P 2
125	114	C	TEC-TEH	TEC-TEH		00147	610MC	09H+	0.98	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	09H+	1.02	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00147	610MC	BW1+	2.00	0.38		0	<20	P 2
129	114	H	TEH-TEC	TEH-TEC		00141	610MC	08H+	0.75	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	08H+	0.89	0.76		0	<20	P 2
		H	TEH-TEC	TEH-TEC		00141	610MC	09H+	0.00	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH	3	00179	610MS	09H+	0.08	0.57		0	<20	P 2
151	114	C	TEC-09H	TEC-09H		00154	610MC	VS7+	0.96	0.45		0	<20	P 2
155	114	C	TEC-09H	TEC-09H		00154	610MC	BW1+	1.85	0.34		0	<20	P 2
126	115	H	TEH-TEC	TEH-TEC		00141	610MC	09H+	0.95	0.47		0	<20	P 2
152	115	H	TEH-09H	TEH-BW1		00137	610MC	BW1-	2.00	0.16		0	<20	P 2
		C	TEC-09H	TEC-09H		00158	610MC	BW2+	1.85	0.48		0	<20	P 2
127	116	C	TEC-TEH	TEC-TEH		00148	610MC	09H+	0.84	0.88		0	25	P 2
143	116	H	TEH-09H	TEH-BW1		00137	610MC	09H+	1.00	0.34		0	<20	P 2
145	116	C	TEC-09H	TEC-09H		00157	610MC	BW1+	1.87	0.25		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.32		0	<20	P 2
151	116	C	TEC-09H	TEC-09H		00158	610MC	BW1+	1.85	0.53		0	<20	P 2
		H	TEH-09H	TEH-VS1		00137	610MC	BW1+	2.00	0.31		0	<20	P 2
153	116	C	TEC-09H	TEC-09H		00157	610MC	VS1+	1.00	0.42		0	<20	P 2
118	117	C	TEC-TEH	TEC-TEH		00138	610MC	BW1+	1.94	0.49		0	<20	P 2
144	117	C	TEC-09H	TEC-08H		00158	610MC	BW1+	1.73	0.35		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.49		0	<20	P 2
146	117	C	TEC-09H	TEC-07H		00157	610MC	BW1+	2.00	0.54		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.34		0	<20	P 2
150	117	H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.32		0	<20	P 2
		C	TEC-09H	TEC-09H		00165	610MC	BW1+	2.00	0.54		0	<20	P 2
		C	TEC-09H	TEC-09H		00165	610MC	02C-	1.06	0.40		0	<20	P 2
123	118	C	TEC-TEH	TEC-TEH		00148	610MC	BW1+	1.98	0.24		0	<20	P 2
129	118	C	TEC-TEH	TEC-TEH		00147	610MC	09H+	0.97	0.37		0	<20	P 2
131	118	C	TEC-TEH	TEC-TEH		00148	610MC	BW1+	1.72	0.34		0	<20	P 2
147	118	H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.53		0	<20	P 2
		C	TEC-09H	TEC-09H		00156	610MC	BW1+	2.01	0.12		0	<20	P 2
151	118	C	TEC-09H	TEC-VS5		00157	610MC	BW2-	1.95	0.43		0	<20	P 2
		C	TEC-09H	TEC-09H		00165	610MC	BW2-	1.85	0.73		0	<20	P 2
		C	TEC-09H	TEC-09H		00165	610MC	BW2+	1.85	0.51		0	<20	P 2
		C	TEC-09H	TEC-VS5		00157	610MC	BW2+	1.93	0.28		0	<20	P 2
150	119	C	TEC-09H	TEC-09H		00156	610MC	BW2+	1.90	0.21		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
152	119	C	TEC-09H	TEC-09H		00155	610MC	02C-	0.99	0.23		0	<20	P 2
97	120	C	TEC-TEH	TEC-TEH		00138	610MC	VS2-	1.00	0.82		0	26	P 2
123	120	C	TEC-TEH	TEC-TEH		00148	610MC	BW1+	1.87	0.46		0	<20	P 2
131	120	C	TEC-TEH	TEC-TEH		00148	610MC	09H+	0.89	0.70		0	23	P 2
149	120	H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	1.73		0	34	P 2
		C	TEC-09H	TEC-09H		00155	610MC	BW1+	2.01	2.00		0	33	P 2
102	121	H	08H-VS3	08H-VS3	5	00285	580AC	VS3+	0.70	0.35		0	<20	P 2
122	121	C	TEC-TEH	TEC-09H		00165	610MC	BW1+	1.77	0.59		0	<20	P 2
		H	TEH-TEC	TEH-VS1		00139	610MC	BW1+	2.00	0.81		0	20	P 2
126	121	C	TEC-TEH	TEC-TEH		00147	610MC	09H+	1.00	0.54		0	<20	P 2
130	121	C	TEC-TEH	TEC-TEH		00147	610MC	VS5+	1.00	0.49		0	<20	P 2
132	121	H	TEH-TSH	TEH-VS1		00139	610MC	BW1+	2.00	0.44		0	<20	P 2
148	121	C	TEC-09H	TEC-09H		00156	610MC	BW1+	1.70	0.50		0	<20	P 2
		H	08H-VS1	08H-VS1		00073	580BC	BW1+	1.84	1.65		0	23	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.35		0	<20	P 2
97	122	H	08H-VS3	08H-VS3	5	00295	580AC	BW1+	1.75	0.65		0	<20	P 2
105	122	H	08H-VS3	08H-BW1	5	00282	580AC	BW1+	2.00	0.43		0	<20	P 2
121	122	C	TEC-TEH	TEC-TEH		00147	610MC	09H+	0.86	0.16		0	<20	P 2
123	122	C	TEC-TEH	TEC-TEH		00148	610MC	BW1+	1.84	0.63		0	<20	P 2
145	122	H	TEH-09H	TEH-VS1		00137	610MC	VS1+	1.00	0.28		0	<20	P 2
147	122	C	TEC-09H	TEC-09H		00156	610MC	BW1-	1.75	0.17		0	<20	P 2
151	122	C	TEC-09H	TEC-09H		00156	610MC	VS1+	0.71	0.41		0	<20	P 2
		C	TEC-09H	TEC-TEH		00165	610MC	VS1+	0.92	0.33		0	<20	P 2
42	123	C	TEC-TEH	TEC-TEH		00014	610MF	VS4+	0.97	0.55		0	<20	P 2
46	123	C	TEC-TEH	TEC-TEH		00014	610MF	VS4+	0.99	0.89		0	<20	P 2
48	123	C	TEC-TEH	TEC-TEH		00015	610MF	VS4+	0.84	0.46		0	<20	P 2
118	123	C	TEC-TEH	TEC-TEH		00138	610MC	09H+	1.00	0.68		0	23	P 2
122	123	C	TEC-TEH	TEC-TEH		00147	610MC	BW1+	2.03	0.45		0	<20	P 2
128	123	C	TEC-TEH	TEC-TEH		00148	610MC	VS1+	0.72	0.47		0	<20	P 2
144	123	H	09H-VS3	09H-VS3		00077	580BC	BW1+	1.86	0.67		0	<20	P 2
		C	TEC-09H	TEC-09H		00156	610MC	VS3-	0.90	0.54		0	<20	P 2
148	123	H	08H-VS1	08H-VS1		00077	580BC	BW1+	1.77	1.74		0	24	P 2
		C	TEC-09H	TEC-09H		00156	610MC	BW1+	1.81	1.41		0	28	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	1.12		0	27	P 2
150	123	C	TEC-09H	TEC-09H		00155	610MC	BW2+	1.85	0.40		0	<20	P 2
91	124	H	08H-VS3	08H-VS3	5	00282	580AC	08H+	0.69	0.61		0	23	P 2
		H	08H-VS3	08H-VS3	5	00282	580AC	08H+	1.13	0.28	.17	SVI	P 2	
93	124	H	08H-VS3	08H-VS3	5	00281	580AC	BW1+	1.73	0.34		0	<20	P 2
95	124	H	08H-VS3	08H-VS3	5	00282	580AC	08H+	0.89	0.16		0	<20	P 2
97	124	H	08H-VS3	08H-VS3	5	00281	580AC	08H-	0.87	0.25		0	<20	P 2
99	124	H	08H-VS3	08H-VS3	5	00282	580AC	08H+	1.11	0.51	.30	SVI	P 2	
		H	08H-VS3	08H-VS3	5	00282	580AC	08H+	1.24	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00282	580AC	BW1+	1.88	0.17		0	<20	P 2
143	124	C	TEC-09H	TEC-09H		00156	610MC	09C+	0.76	0.39		0	<20	P 2
149	124	C	TEC-09H	TEC-09H		00155	610MC	BW1+	1.82	0.26		0	<20	P 2
90	125	H	08H-VS3	08H-VS3	5	00258	580AC	VS2+	0.70	0.20		0	<20	P 2

CONAM NUCLEAR, INC.

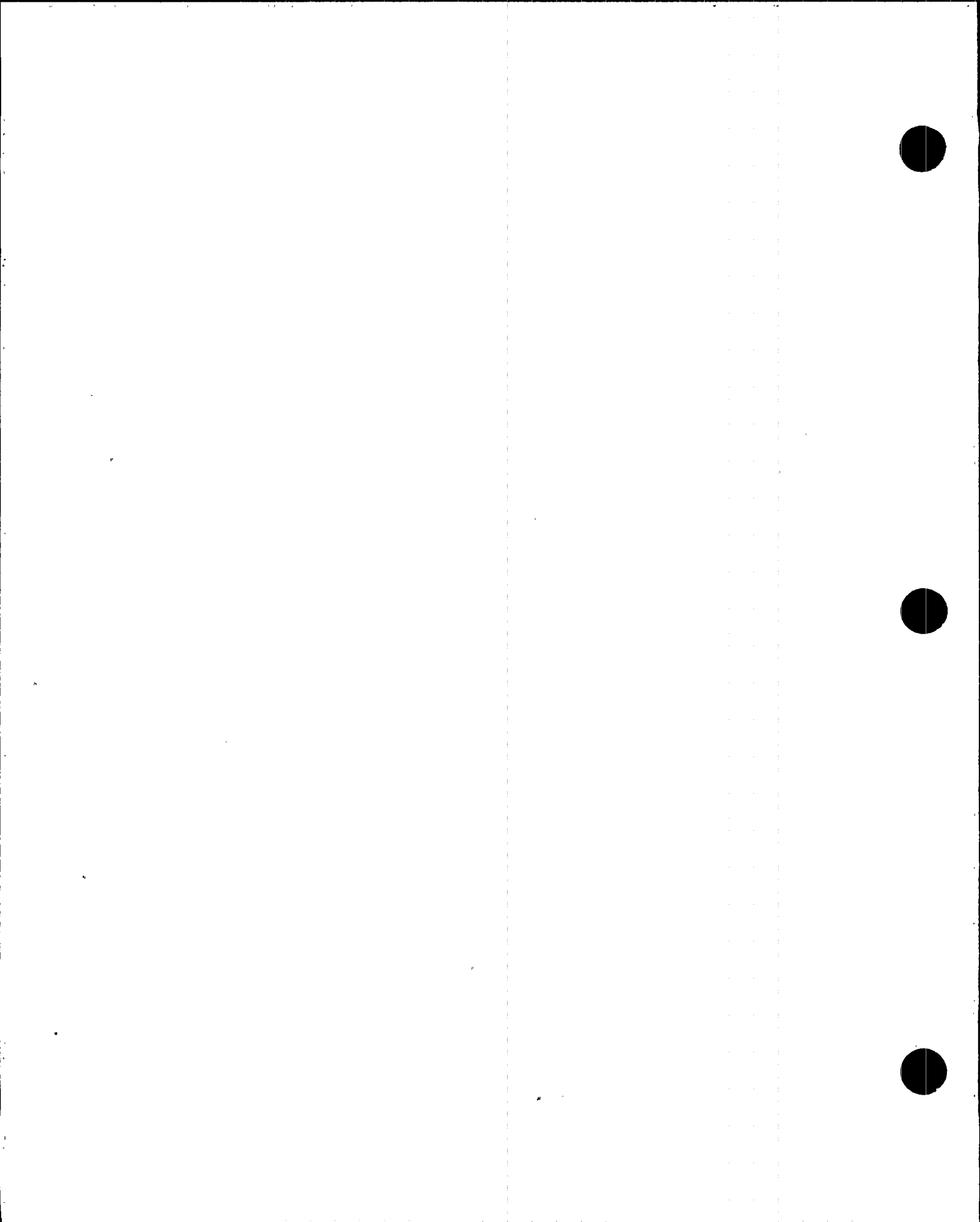
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

PAGE: 30 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
96	125	H	08H-VS3	08H-VS3	5	00262	580AC	BW1+	2.18	0.44		0	<20	P 2
100	125	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.74	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00258	580AC	BW1+	1.85	0.50		0	<20	P 2
104	125	H	08H-VS3	08H-VS3	5	00262	580AC	BW1-	1.81	0.40		0	<20	P 2
114	125	H	08H-VS3	08H-VS3	5	00262	580AC	VS2-	0.68	0.56		0	<20	P 2
116	125	H	08H-VS3	08H-VS3	5	00262	580AC	09H+	0.56	0.74		0	<20	P 2
126	125	C	TEC-TEH	TEC-TEH		00148	610MC	09H+	0.79	0.53		0	<20	P 2
144	125	C	TEC-09H	TEC-09H		00155	610MC	VS1+	0.89	0.43		0	<20	P 2
146	125	C	TEC-09H	TEC-TEH		00165	610MC	09H+	0.75	0.28		0	<20	P 2
63	126	C	TEC-TEH	TEC-TSH		00044	610MF	BW1+	1.93	0.18		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00104	610MF	BW1+	2.22	0.16		0	<20	P 2
93	126	H	08H-VS3	08H-VS3	5	00269	580AC	BW1+	2.00	0.51		0	<20	P 2
95	126	H	08H-VS3	08H-VS3	5	00271	580AC	BW1+	1.85	0.35		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	2.00	0.33		0	<20	P 2
97	126	H	08H-VS3	08H-VS3	5	00269	580AC	08H+	0.87	0.30		0	<20	P 2
99	126	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.90	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00264	580AC	BW1+	2.00	0.54		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00269	580AC	BW1+	2.00	0.51		0	<20	P 2
101	126	C	TEC-TEH	TEC-TEH		00136	610MC	08H+	0.98	0.77		0	<20	P 2
103	126	H	08H-VS3	08H-VS3	5	00264	580AC	08H+	1.00	0.45		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00264	580AC	VS3+	0.00	0.48		0	<20	P 2
105	126	H	08H-VS3	08H-VS3	5	00269	580AC	BW1+	2.00	0.28		0	<20	P 2
107	126	H	08H-VS3	08H-VS3	5	00264	580AC	VS2-	0.39	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00264	580AC	VS3+	0.44	0.37		0	<20	P 2
109	126	H	08H-VS3	08H-VS3	5	00264	580AC	VS3-	0.70	0.27		0	<20	P 2
113	126	H	08H-VS3	BW1-VS3	5	00264	580AC	BW1-	1.53	0.19		0	<20	P 2
117	126	H	08H-VS3	08H-VS3	5	00264	580AC	09H-	1.48	0.38		0	<20	P 2
121	126	H	TEH-TEC	TEH-TEC		00140	610MC	09H+	0.88	0.66		0	<20	P 2
127	126	H	TEH-09H	TEH-BW1		00139	610MC	09H+	0.69	0.56		0	<20	P 2
		C	TEC-TEH	TEC-09H		00153	610MC	09H+	0.93	0.69		0	21	P 2
131	126	H	TEH-09H	TEH-VS1		00139	610MC	BW1+	2.00	0.36		0	<20	P 2
147	126	C	TEC-09H	TEC-09H		00155	610MC	BW1+	1.85	0.52		0	<20	P 2
		H	TEH-09H	TEH-BW1		00138	610MC	BW1+	2.00	0.47		0	<20	P 2
		H	08H-VS1	08H-VS1		00066	580BC	BW1+	2.05	0.54		0	<20	P 2
149	126	H	08H-VS1	08H-VS1	2	00115	580AC	08H+	0.87	0.31		0	<20	P 2
96	127	H	08H-VS3	08H-VS3	5	00269	580AC	BW1-	2.18	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1-	1.97	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00269	580AC	BW1+	1.78	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	2.00	0.30		0	<20	P 2
98	127	H	08H-VS3	08H-VS3	5	00271	580AC	BW1+	1.85	0.63		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	2.09	0.60		0	<20	P 2
100	127	H	08H-VS3	08H-VS3	5	00269	580AC	BW1+	2.00	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	2.02	0.16		0	<20	P 2
102	127	H	08H-VS3	08H-VS3	5	00271	580AC	08H+	1.00	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00271	580AC	BW1+	1.85	0.19		0	<20	P 2
118	127	H	08H-VS3	08H-VS3	5	00279	580AC	BW1-	1.89	0.95		0	20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
118	127	C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	1.82	0.52		0	<20	P 2
120	127	H	08H-VS3	09H-VS3	5	00279	580AC	09H-	1.03	0.34		0	<20	P 2
122	127	H	TEH-09H	TEH-BW1		00140	610MC	09H-	1.00	0.32		0	<20	P 2
		H	TEH-09H	TEH-BW1		00140	610MC	BW1+	2.00	0.34		0	<20	P 2
		C	TEC-TEH	TEC-09H		00154	610MC	BW1+	2.08	0.43		0	<20	P 2
142	127	C	TEC-09H	TEC-09H		00155	610MC	09H+	0.77	0.55		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	09H+	0.81	0.23		0	<20	P 2
		H	08H-VS1	08H-BW1		00065	580BC	09H+	0.98	0.73		0	<20	P 2
146	127	C	TEC-09H	TEC-09H		00154	610MC	BW1+	1.74	0.43		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.23		0	<20	P 2
148	127	C	TEC-09H	TEC-09H		00154	610MC	VS7+	0.80	0.75		0	<20	P 2
93	128	H	08H-VS3	08H-VS3	5	00274	580AC	08H-	1.00	0.33		0	<20	P 2
97	128	H	08H-VS3	08H-VS3	5	00274	580AC	08H+	0.71	0.23		0	<20	P 2
99	128	H	08H-VS3	08H-VS3	5	00275	580AC	BW1+	1.51	0.46		0	<20	P 2
101	128	H	08H-VS3	08H-VS3	5	00274	580AC	08H-	0.14	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00274	580AC	08H+	0.94	0.48		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00274	580AC	BW1+	1.94	0.38		0	<20	P 2
117	128	C	TEC-TEH	TEC-TEH		00136	610MC	09H-	0.85	0.49		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00278	580AC	BW1-	1.97	0.36		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00278	580AC	BW1+	1.22	0.33		0	<20	P 2
119	128	H	08H-VS3	08H-VS3	5	00279	580AC	08H-	1.00	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	08H-	0.92	0.61		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00279	580AC	09H+	0.04	0.28		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	08C-	0.79	0.80		0	<20	P 2
143	128	H	08H-VS1	08H-VS1		00065	580BC	08H-	0.99	1.74		.28	SVI	P 2
		H	08H-VS1	08H-VS1		00065	580BC	09H+	0.54	0.67		0	<20	P 2
		C	TEC-09H	TEC-09H		00154	610MC	09H+	0.86	1.21		0	26	P 2
		H	TEH-09H	TEH-VS1		00137	610MC	09H+	0.96	0.89		0	24	P 2
147	128	H	08H-VS1	08H-VS1		00065	580BC	08H-	1.44	0.63		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	08H-	1.00	0.24		0	<20	P 2
92	129	H	08H-VS3	08H-VS3	5	00274	580AC	BW1+	1.74	0.45		0	<20	P 2
94	129	H	08H-VS3	08H-VS3	5	00275	580AC	BW1+	1.68	0.59		0	<20	P 2
114	129	H	08H-VS3	08H-VS3	5	00275	580AC	08H+	0.98	0.27		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00275	580AC	BW1-	1.63	0.24		0	<20	P 2
116	129	H	08H-VS3	08H-VS2	5	00274	580AC	09H+	0.01	0.30		0	<20	P 2
118	129	H	08H-VS3	08H-VS3	5	00275	580AC	08H+	0.76	0.32		0	<20	P 2
120	129	H	08H-VS3	08H-VS3	5	00274	580AC	09H-	0.98	0.80		0	21	P 2
		C	TEC-TEH	TEC-08H		00154	610MC	09H-	0.77	0.23		0	<20	P 2
140	129	H	TEH-08H	TEH-09H		00139	610MC	09H+	0.65	0.17		0	<20	P 2
		C	TEC-TEH	TEC-08H		00154	610MC	09H+	0.92	0.58		0	<20	P 2
146	129	H	08H-VS1	09H-VS1		00064	580BC	BW1+	1.84	0.92		0	20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	1.99	0.28		0	<20	P 2
		C	TEC-09H	TEC-09H		00154	610MC	BW1+	2.01	0.64		0	<20	P 2
93	130	H	08H-VS3	08H-VS3	5	00269	580AC	08H-	0.11	0.30		0	<20	P 2
109	130	H	08H-VS3	08H-VS3	5	00251	580AC	08H+	0.97	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00251	580AC	BW1+	1.96	0.44		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
109	130	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	2.00	0.21		0	<20	P 2
113	130	C	TEC-TEH	TEC-TEH		00136	610MC	VS3+	0.71	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	VS6+	0.65	0.45		0	<20	P 2
119	130	H	08H-VS3	08H-VS3	5	00244	580AC	09H-	1.02	1.58		0	28	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	09H-	0.76	1.34		0	28	P 2
141	130	H	08H-VS1	08H-VS1		00064	580BC	09H+	0.99	0.32		0	<20	P 2
145	130	C	TEC-09H	TEC-09H		00154	610MC	09H+	0.83	0.28		0	<20	P 2
147	130	H	TEH-09H	TEH-BW1		00137	610MC	08H+	1.00	0.42		0	<20	P 2
102	131	H	08H-VS3	08H-VS3	5	00244	580AC	BW1+	3.20	0.88	1.0	SAI	P 2	
110	131	C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	2.07	0.32		0	<20	P 2
118	131	C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	1.81	0.65		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00241	580AC	BW1-	1.78	0.62		0	<20	P 2
120	131	H	08H-VS2	08H-VS2		00042	580BC	09H+	0.73	0.66		0	<20	P 2
		H	08H-VS2	08H-VS2		00042	580BC	BW1+	2.02	0.54		0	<20	P 2
122	131	H	08H-VS1	08H-VS1		00113	580AC	VS1-	1.15	0.53		0	<20	P 2
124	131	H	08H-VS1	08H-VS1		00042	580BC	09H-	0.05	1.16		0	<20	P 2
142	131	C	TEC-09H	TEC-09H		00165	610MC	09H+	0.93	0.45		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	09H+	0.97	0.15		0	<20	P 2
		H	TEH-09H	TEH-BW1		00137	610MC	BW1+	2.00	0.38		0	20	P 2
		C	TEC-09H	TEC-09H		00165	610MC	BW1+	2.00	0.98		0	24	P 2
69	132	C	TEC-TEH	TEC-TEH		00039	610MF	VS3+	0.84	0.39		0	<20	P 2
81	132	H	VS3-VS5	VS3-VS5	7	00292	580AC	VS5-	1.03	0.60		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00039	610MF	VS5-	0.85	0.25		0	<20	P 2
91	132	H	08H-VS3	08H-VS3	5	00271	580AC	BW1+	1.77	0.39		0	<20	P 2
95	132	H	08H-VS3	08H-VS3	5	00240	580AC	BW1+	1.89	0.46		0	<20	P 2
103	132	H	08H-VS3	08H-VS3	5	00240	580AC	BW1+	0.79	0.30		0	<20	P 2
111	132	H	08H-VS3	08H-VS3	5	00236	580AC	08H-	0.12	0.48		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00236	580AC	BW1-	1.76	0.85		0	<20	P 2
113	132	H	08H-VS3	08H-VS3	5	00236	580AC	BW1-	1.81	0.42		0	<20	P 2
117	132	C	TEC-TEH	TEC-TEH		00136	610MC	09H-	0.82	0.57		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00236	580AC	BW1-	2.07	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	2.00	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.85	0.45		0	<20	P 2
133	132	C	TEC-TEH	TEC-08H		00151	610MC	BW1-	2.00	0.42		0	<20	P 2
137	132	C	TEC-TEH	TEC-08H		00151	610MC	BW1-	1.86	0.28		0	<20	P 2
24	133	C	TEC-TEH	TEC-TEH		00013	610MF	VS4+	0.78	0.64		0	<20	P 2
80	133	C	TEC-TEH	TEC-TEH		00040	610MF	BW1+	1.88	0.76		0	<20	P 2
82	133	C	TEC-TEH	TEC-TEH		00039	610MF	BW1+	2.00	0.27		0	<20	P 2
92	133	H	08H-VS3	08H-VS3	5	00234	580AC	08H+	0.69	0.58	.21	SVI	P 2	
102	133	H	08H-VS3	08H-VS3	5	00236	580AC	08H+	0.88	0.83		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	08H+	0.93	0.45		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00236	580AC	BW1-	2.14	0.34		0	<20	P 2
106	133	H	08H-VS3	08H-VS3	5	00236	580AC	08H+	0.76	0.19		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00236	580AC	BW1-	2.08	0.32		0	<20	P 2
110	133	H	08H-VS3	08H-VS3	5	00236	580AC	BW1+	1.60	0.66		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.79	0.17		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

PAGE: 33 OF 49
DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
112	133	H	08H-VS3	08H-VS3	5	00234	580AC	08H+	0.79	0.28		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00234	580AC	BW1-	1.87	0.33		0	<20	P 2
114	133	H	08H-VS3	08H-VS3	5	00234	580AC	BW1+	1.81	0.65		0	<20	P 2
118	133	C	TEC-TEH	TEC-TEH		00136	610MC	09H+	0.82	0.87		0	22	P 2
		H	08H-VS3	08H-VS3	5	00234	580AC	09H+	0.83	0.90		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00234	580AC	BW1-	1.80	1.03		0	<20	P 2
120	133	H	08H-VS3	08H-VS3	5	00236	580AC	09H+	0.15	0.66		0	<20	P 2
		H	08H-VS2	08H-VS2		00043	580BC	09H+	0.25	1.58		0	<20	P 2
93	134	H	08H-VS3	BW1-VS3	5	00234	580AC	BW1+	1.75	0.54		0	<20	P 2
95	134	H	08H-VS3	08H-VS3	5	00234	580AC	08H+	0.84	0.26		0	<20	P 2
103	134	H	08H-VS3	08H-VS3	5	00234	580AC	08H+	0.05	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00234	580AC	BW1-	2.04	0.43		0	<20	P 2
105	134	H	08H-VS3	08H-VS5	5	00234	580AC	08H+	0.84	0.32		0	<20	P 2
		H	08H-VS3	08H-VS5	5	00234	580AC	BW1-	2.03	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	1.81	0.20		0	<20	P 2
109	134	H	08H-VS3	BW1-VS3	5	00231	580AC	BW1-	2.08	0.96		0	<20	P 2
		H	08H-VS3	BW1-VS3	5	00231	580AC	BW1+	1.82	0.60		0	<20	P 2
113	134	C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	2.20	0.22		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00231	580AC	BW1-	2.00	0.53		0	<20	P 2
117	134	H	08H-VS3	08H-VS3	5	00231	580AC	09H-	1.30	0.87		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	09H-	1.12	0.80		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00231	580AC	BW1-	2.05	0.94		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	2.00	0.63		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00231	580AC	BW1+	1.99	0.35		0	<20	P 2
125	134	C	TEC-TEH	TEC-08H		00151	610MC	09H+	0.72	0.48		0	<20	P 2
		H	TEH-08H	TEH-BW1		00140	610MC	09H+	0.97	0.40		0	<20	P 2
		H	08H-VS1	08H-VS2		00047	580BC	09H+	1.00	0.96		0	27	P 2
		H	08H-VS1	08H-VS2		00047	580BC	BW1-	2.00	0.23		0	<20	P 2
		H	TEH-08H	TEH-BW1		00140	610MC	BW1-	2.00	0.32		0	<20	P 2
129	134	H	08H-VS1	08H-VS1		00118	580AC	09H+	0.98	0.40		0	<20	P 2
		H	TEH-08H	TEH-BW1		00140	610MC	09H+	1.00	0.62		0	<20	P 2
141	134	C	TEC-09H	TEC-09H		00153	610MC	09H+	0.77	0.28		0	<20	P 2
		C	TEC-09H	TEC-09H		00153	610MC	BW1+	1.82	0.24		0	<20	P 2
94	135	H	08H-VS3	08H-VS3	5	00226	580AC	BW1+	1.96	0.32		0	<20	P 2
100	135	H	BW1-VS2	BW1-VS2	1	00161	580AC	BW1+	1.94	0.44		0	<20	P 2
		H	BW1-VS2	BW1-VS2	1	00161	580AC	BW1+	3.83	0.34	.32	SAI	P 2	
108	135	H	08H-VS3	08H-VS5	5	00226	580AC	BW1+	2.00	0.67		0	<20	P 2
110	135	C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.75	0.37		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00229	580AC	BW1+	1.80	0.46		0	<20	P 2
112	135	H	08H-VS3	08H-VS3	5	00231	580AC	BW1-	2.00	0.38		0	<20	P 2
114	135	H	08H-VS3	08H-VS3	5	00231	580AC	08H+	0.77	0.96		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	08H+	0.89	0.62		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00231	580AC	BW1-	1.91	0.43		0	<20	P 2
116	135	H	08H-VS3	08H-VS3	5	00231	580AC	BW1+	1.99	0.50		0	<20	P 2
118	135	C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	1.85	2.68		0	39	P 2
		H	BW1-BW1	BW1-BW1	1	00159	600AC	BW1-	1.79	2.86		0	39	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
118	135	H	08H-VS3	08H-VS3	5	00233	580AC	BW1-	1.64	2.17		0	34	P 2
136	135	H	TEH-08H	TEH-BW1		00139	610MC	BW1-	2.00	0.26		0	<20	P 2
		C	TEC-TEH	TEC-08H		00152	610MC	BW1-	1.80	0.33		0	<20	P 2
87	136	C	TEC-TEH	TEC-TEH		00038	610MF	BW1+	1.88	0.22		0	<20	P 2
93	136	H	08H-VS3	08H-VS3	5	00226	580AC	BW1+	1.82	0.34		0	<20	P 2
105	136	H	08H-VS3	08H-VS3	5	00225	580AC	BW1+	1.90	0.42		0	<20	P 2
117	136	C	TEC-TEH	TEC-TEH		00136	610MC	09H-	1.05	0.57		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00224	580AC	09H-	0.92	2.25		0	33	P 2
		H	08H-VS3	08H-VS3	5	00224	580AC	BW1-	1.97	1.68		0	28	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1-	1.93	0.70		0	<20	P 2
119	136	H	08H-VS3	08H-VS3	5	00221	580AC	09H+	0.91	0.42		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00221	580AC	BW1+	1.84	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.85	0.27		0	<20	P 2
121	136	H	BW1-VS2	08H-VS2		00118	580AC	09H-	0.87	0.27		0	<20	P 2
127	136	C	TEC-TEH	TEC-08H		00152	610MC	BW1+	2.00	0.31		0	<20	P 2
129	136	C	TEC-TEH	TEC-08H		00151	610MC	VS1+	0.67	0.45		0	<20	P 2
131	136	C	TEC-TEH	TEC-08H		00152	610MC	BW1+	1.73	0.47		0	<20	P 2
		H	TEH-08H	TEH-BW1		00139	610MC	BW1+	2.00	0.54		0	<20	P 2
137	136	C	TEC-TEH	TEC-08H		00151	610MC	09H+	0.50	0.43		0	<20	P 2
		H	TEH-08H	TEH-BW1		00140	610MC	09H+	1.00	0.26		0	<20	P 2
41	136	C	TEC-09H	TEC-08H		00153	610MC	09H+	0.63	0.26		0	<20	P 2
		H	TEH-09H	TEH-BW1		00140	610MC	09H+	1.00	0.40		0	<20	P 2
94	137	H	08H-VS3	08H-VS3	5	00224	580AC	BW1+	1.75	0.33		0	<20	P 2
102	137	H	08H-VS3	08H-VS3	5	00224	580AC	BW1+	1.93	0.39		0	<20	P 2
104	137	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	2.00	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00221	580AC	BW1+	2.03	0.55		0	<20	P 2
108	137	H	08H-VS3	08H-VS3	5	00221	580AC	BW1+	1.85	0.91		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.90	0.30		0	<20	P 2
110	137	C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.74	0.92		0	21	P 2
		H	08H-VS3	08H-VS3	5	00224	580AC	BW1+	1.93	1.58		0	26	P 2
120	137	H	TEH-08H	TEH-BW1		00140	610MC	BW1+	2.00	0.32		0	<20	P 2
142	137	C	TEC-09H	TEC-09H		00153	610MC	09H+	0.75	0.17		0	<20	P 2
93	138	C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.84	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00221	580AC	BW1+	1.88	0.66		0	<20	P 2
109	138	H	08H-VS3	08H-VS3	5	00218	580AC	BW1+	2.45	0.49		.89	SAI	P 2
115	138	C	TEC-TEH	TEC-TEH		00137	610MC	03H+	0.32	0.80		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00217	580AC	BW1-	2.08	0.49		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1-	2.00	0.30		0	<20	P 2
117	138	C	TEC-TEH	TEC-TEH		00136	610MC	09H-	1.44	1.20		0	25	P 2
		H	08H-VS3	08H-VS3	5	00218	580AC	09H-	1.00	0.83		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00218	580AC	BW1-	2.03	0.25		0	<20	P 2
119	138	H	08H-VS3	08H-VS3	5	00217	580AC	BW1+	1.85	0.28		0	<20	P 2
125	138	H	TEH-08H	TEH-09H		00140	610MC	09H+	1.00	0.18		0	<20	P 2
135	138	H	TEH-08H	TEH-09H		00139	610MC	09H+	0.71	0.70		0	<20	P 2
		C	TEC-TEH	TEC-08H		00152	610MC	09H+	0.88	0.75		0	<20	P 2
37	138	H	TEH-08H	TEH-BW1		00140	610MC	07H+	1.00	0.20		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
VOLTAGE DATA SET : CURRENT
CORRECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
139	138	H	TEH-08H	TEH-09H		00139	610MC	09H+	0.69	0.56		0	<20	P 2
		C	TEC-TEH	TEC-08H		00152	610MC	09H+	0.79	0.47		0	<20	P 2
94	139	H	08H-VS3	08H-VS3	5	00218	580AC	BW1+	1.90	0.53		0	<20	P 2
102	139	C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.85	0.87		0	20	P 2
		H	08H-VS3	08H-VS3	5	00218	580AC	BW1+	1.85	0.75		0	<20	P 2
104	139	H	08H-VS3	08H-VS3	5	00217	580AC	BW1+	1.85	0.30		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.87	0.25		0	<20	P 2
114	139	C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	1.87	0.45		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00218	580AC	BW1+	2.00	0.40		0	<20	P 2
118	139	H	08H-VS3	08H-VS3	5	00218	580AC	09H+	0.63	0.65		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00218	580AC	BW1-	1.80	0.49		0	<20	P 2
122	139	H	08H-VS1	08H-VS1		00056	580BC	08H+	0.84	0.53		0	<20	P 2
140	139	C	TEC-TEH	TEC-09H		00152	610MC	04C-	0.83	1.05		0	22	P 2
87	140	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+	2.00	0.31		0	<20	P 2
93	140	H	08H-VS3	08H-VS3	5	00217	580AC	BW1+	1.85	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00136	610MC	BW1+	2.01	0.32		0	<20	P 2
95	140	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.62	0.26		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00217	580AC	BW1+	1.85	0.31		0	<20	P 2
97	140	H	08H-VS3	08H-VS3	5	00216	580AC	VS2+	0.90	0.69		0	<20	P 2
101	140	H	08H-VS3	08H-VS3	5	00216	580AC	BW1+	1.99	0.43		0	<20	P 2
103	140	C	TEC-TEH	TEC-TEH		00137	610MC	BW1+	1.85	0.21		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00258	580AC	BW1+	1.85	0.46		0	<20	P 2
105	140	H	08H-VS3	08H-VS3	5	00216	580AC	08H-	0.97	0.29		0	<20	P 2
107	140	C	TEC-TEH	TEC-TEH		00137	610MC	08H+	0.95	0.78		0	22	P 2
		H	08H-VS3	08H-VS3	5	00215	580AC	08H+	0.99	0.95		0	<20	P 2
111	140	H	08H-VS3	08H-VS3	5	00215	580AC	BW1-	1.85	0.31		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00215	580AC	VS2+	0.02	0.17		0	<20	P 2
117	140	C	TEC-TEH	TEC-TEH		00136	610MC	09H-	1.12	2.14		0	34	P 2
		H	08H-VS3	08H-VS3	5	00216	580AC	09H-	1.04	1.94		0	29	P 2
119	140	H	08H-VS3	08H-VS3	5	00215	580AC	08H+	0.97	0.23		0	<20	P 2
123	140	C	TEC-TEH	TEC-09H		00152	610MC	09H+	1.11	0.35		0	<20	P 2
127	140	H	TEH-09H	TEH-BW1		00139	610MC	08H-	1.01	0.34		0	<20	P 2
129	140	C	TEC-TEH	TEC-08H		00151	610MC	VS3+	0.79	0.35		0	<20	P 2
135	140	H	TEH-09H	TEH-BW1		00139	610MC	09H+	0.72	0.42		0	22	P 2
		C	TEC-TEH	TEC-09H		00152	610MC	09H+	0.82	1.84		0	31	P 2
137	140	C	TEC-TEH	TEC-09H		00151	610MC	04C-	0.08	0.34		0	<20	P 2
139	140	C	TEC-TEH	TEC-09H		00152	610MC	05C+	0.90	0.43		0	<20	P 2
12	141	C	TEC-TEH	TEC-TEH		00013	610MF	BW2-	1.16	1.00		0	24	P 2
92	141	H	08H-VS3	08H-VS3	5	00211	580AC	BW1+	1.85	0.43		0	<20	P 2
94	141	H	08H-VS3	08H-VS3	5	00215	580AC	BW1+	1.86	0.35		0	<20	P 2
96	141	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.78	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00215	580AC	BW1+	1.81	0.80		0	<20	P 2
102	141	H	08H-VS3	08H-VS3	5	00215	580AC	BW1+	0.98	0.50		.45	SVI	P 2
		C	TEC-TEH	TEC-TEH		00107	610MC	VS2+	1.00	0.25		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00215	580AC	VS2+	1.04	0.40		0	<20	P 2
110	141	H	08H-VS3	08H-VS3	5	00215	580AC	VS2+	1.03	0.25		0	<20	P 2

CONAM NUCLEAR, INC.

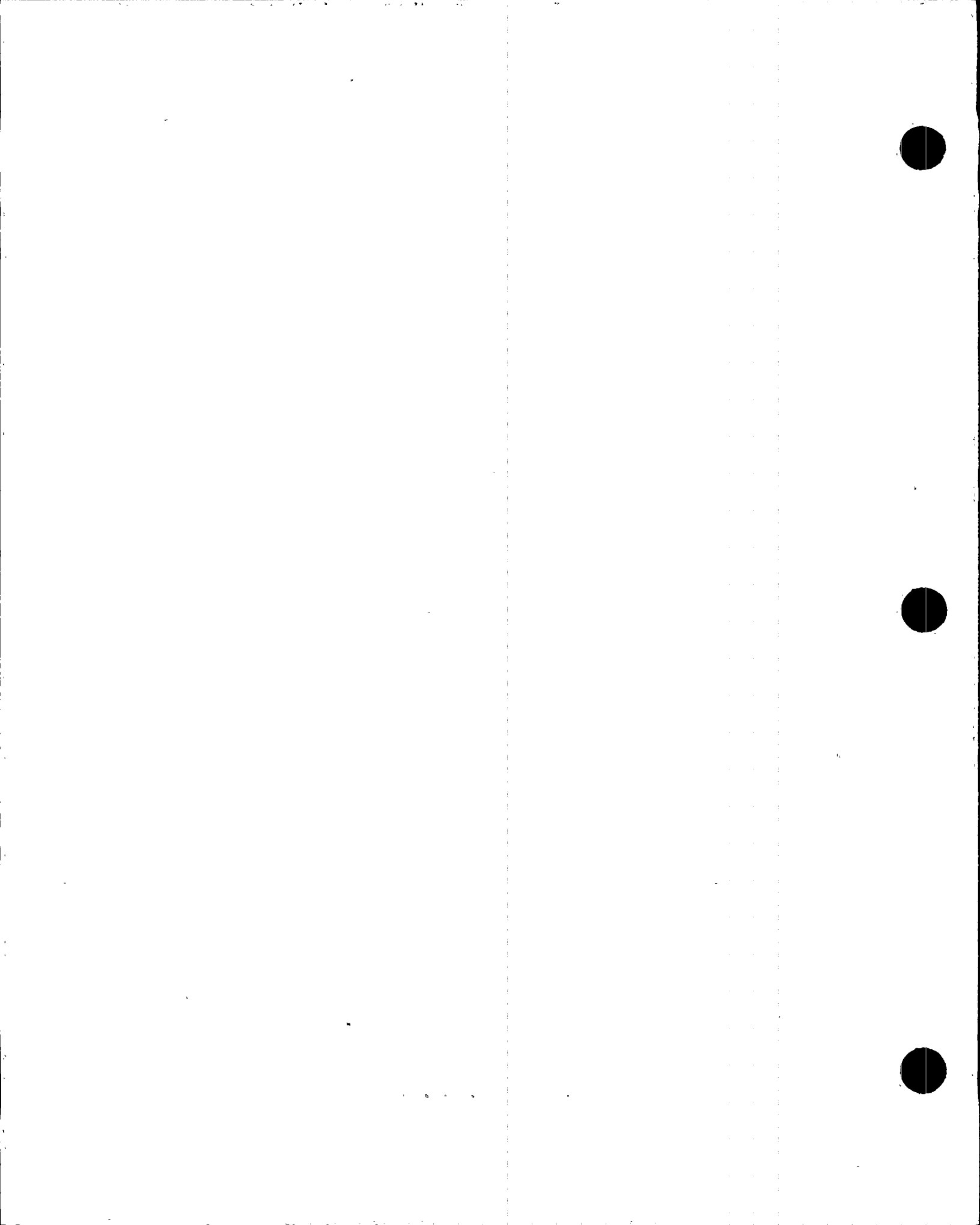
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
STAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		CURRENT				
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH
118	141	H	08H-VS2	08H-VS2		00057	580BC	09H+	0.94	0.93		0	<20	P 2
13	142	C	TEC-TEH	TEC-TEH		00012	610MF	BW2-	2.06	0.46		0	21	P 2
57	142	C	TEC-TEH	TEC-TEH		00036	610MF	BW1-	1.84	0.14		0	<20	P 2
69	142	H	BW1-BW1	BW1-BW1	7	00251	580AC	BW1+	0.12	0.25		.15	SVI	P 2
81	142	C	TEC-TEH	TEC-TEH		00036	610MF	BW1+	1.90	0.39		0	<20	P 2
93	142	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.70	0.41		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.83	0.60		0	<20	P 2
95	142	H	08H-VS3	08H-VS3	5	00211	580AC	BW1+	1.74	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MC	BW1+	2.00	0.31		0	<20	P 2
97	142	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.94	0.34		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00108	610MC	VS6-	0.85	0.41		0	<20	P 2
103	142	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.88	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	2.08	0.37		0	<20	P 2
105	142	H	08H-VS3	08H-BW1	5	00258	580AC	BW1-	2.00	0.40		0	<20	P 2
107	142	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.73	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.85	0.43		0	<20	P 2
109	142	H	08H-VS3	08H-VS3	5	00211	580AC	BW1+	1.74	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.81	0.39		0	<20	P 2
129	142	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.72	0.16		0	<20	P 2
133	142	C	TEC-TEH	TEC-TEH		00108	610MC	VS1+	0.68	0.68		0	22	P 2
88	143	C	TEC-TEH	TEC-TEH		00034	610MF	BW1+	1.88	0.50		0	<20	P 2
94	143	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.63	0.80		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00211	580AC	BW1+	1.88	0.64		0	<20	P 2
98	143	H	08H-VS3	08H-VS3	5	00211	580AC	BW1+	2.09	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MC	BW1+	2.15	0.20		0	<20	P 2
104	143	H	08H-VS3	08H-VS3	5	00210	580AC	BW1-	2.04	0.29		0	<20	P 2
106	143	C	TEC-TEH	TEC-TEH		00107	610MC	VS6-	0.77	0.31		0	<20	P 2
114	143	C	TEC-TEH	TEC-TEH		00107	610MC	VS2+	1.00	0.51		0	<20	P 2
118	143	H	08H-VS2	08H-BW1		00060	580BC	09H+	1.18	0.60		0	<20	P 2
128	143	C	TEC-TEH	TEC-TEH		00108	610MC	09H+	0.86	0.86		0	<20	P 2
132	143	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+	1.89	0.58		0	<20	P 2
93	144	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.88	0.41		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.92	0.69		0	<20	P 2
95	144	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.85	0.43		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.96	0.35		0	<20	P 2
99	144	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.83	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.99	0.36		0	<20	P 2
101	144	H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.85	0.55		0	<20	P 2
103	144	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.85	0.89		0	24	P 2
		H	08H-VS3	08H-VS3	5	00210	580AC	BW1+	1.88	1.52		0	29	P 2
111	144	H	08H-VS2	08H-VS2		00059	580BC	BW1+	2.06	0.65		0	<20	P 2
113	144	C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	1.90	0.40		0	<20	P 2
117	144	H	08H-VS2	08H-VS2		00061	580BC	BW1-	1.96	0.54		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	1.77	0.28		0	<20	P 2
119	144	C	TEC-TEH	TEC-TEH		00111	610MC	09H+	0.79	0.38		0	<20	P 2
		H	08H-VS2	08H-VS2		00061	580BC	09H+	1.02	0.28		0	<20	P 2

CONAM NUCLEAR, INC.



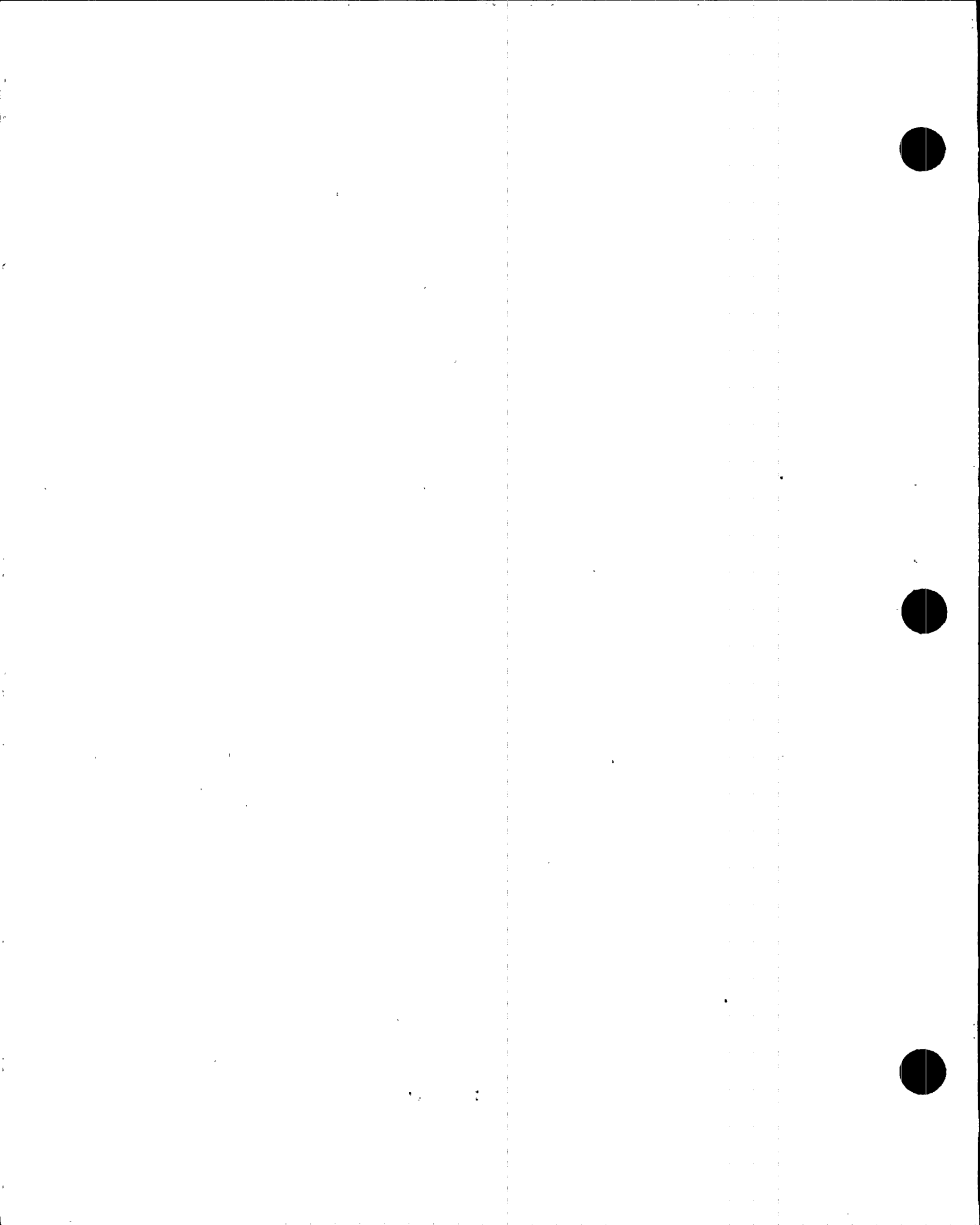
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
MUTAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
119	144	H	08H-VS2	08H-VS2		00061	580BC	BW1-	1.99	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.83	0.28		0	<20	P 2
125	144	C	TEC-TEH	TEC-TEH		00108	610MC	VS1-	0.80	0.58		0	<20	P 2
129	144	C	TEC-TEH	TEC-TEH		00108	610MC	09H+	0.87	0.35		0	<20	P 2
131	144	C	TEC-TEH	TEC-TEH		00108	610MC	09H+	0.81	0.93		0	<20	P 2
94	145	C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.78	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00205	580AC	BW1+	1.84	0.78		0	<20	P 2
98	145	C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.77	0.59		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00205	580AC	BW1+	1.80	0.71		0	<20	P 2
100	145	H	08H-VS3	08H-VS3	5	00207	580AC	BW1-	1.84	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.83	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00207	580AC	BW1+	1.95	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	2.02	0.42		0	<20	P 2
102	145	H	08H-VS3	08H-VS3	5	00205	580AC	BW1+	1.77	0.45		0	<20	P 2
106	145	C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	2.00	0.57		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00205	580AC	BW1-	1.82	0.49		0	<20	P 2
126	145	C	TEC-TEH	TEC-TEH		00112	610MC	09H+	0.83	0.86		0	<20	P 2
130	145	C	TEC-TEH	TEC-TEH		00112	610MC	09H+	0.74	0.72		0	<20	P 2
41	146	C	TEC-TEH	TEC-TEH		00010	610MF	BW1-	2.07	0.16		0	<20	P 2
87	146	C	TEC-TEH	TEC-TEH		00036	610MF	BW1-	2.00	0.18		0	<20	P 2
91	146	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.83	0.27		0	<20	P 2
93	146	H	08H-VS3	08H-VS3	5	00207	580AC	BW1+	1.69	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.80	0.71		0	<20	P 2
101	146	C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	1.74	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00207	580AC	BW1-	1.70	0.66		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00207	580AC	BW1+	1.64	0.72		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.71	0.26		0	<20	P 2
103	146	H	08H-VS3	08H-BW1	5	00258	580AC	BW1-	1.85	0.31		0	<20	P 2
		H	08H-VS3	08H-BW1	5	00258	580AC	BW1+	1.38	0.30		0	<20	P 2
109	146	H	08H-VS3	08H-VS3	5	00207	580AC	BW1+	1.79	0.69		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.80	0.45		0	<20	P 2
111	146	H	BW1-VS2	BW1-VS2		00120	580AC	BW1+	1.20	0.39		0	<20	P 2
113	146	C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.76	0.43		0	<20	P 2
		H	08H-VS2	08H-VS2		00062	580BC	BW1+	1.84	0.46		0	<20	P 2
117	146	H	08H-VS2	08H-VS2		00062	580BC	08H-	1.00	0.39		0	<20	P 2
119	146	H	08H-VS2	08H-VS2	2	00120	580AC	08H-	0.91	0.56		0	<20	P 2
123	146	C	TEC-TEH	TEC-09C		00161	610MC						OBS	
		C	TEC-TEH	TEC-TEH		00164	580MC	09C+	0.23	0.83		0	21	P 2
		C	TEC-TEH	TEC-09C		00161	610MC	09C+	0.19	0.65		0	<20	P 2
125	146	H	09H-BW1	09H-BW1	1	00131	600AC	09H-	0.92	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	09H+	0.65	1.38		0	30	P 2
		H	09H-BW1	09H-BW1	1	00131	600AC	09H+	0.87	1.29		0	27	P 2
		H	09H-BW1	09H-BW1	1	00131	600AC	09H+	9.37	0.52	.18		SVI	P 2
129	146	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.86	0.61		0	<20	P 2
42	147	C	TEC-TEH	TEC-TEH		00010	610MF	VS4-	0.93	0.86		0	26	P 2
52	147	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	2.00	0.26		0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
WATAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
62	147	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.61	0.36		0	<20	P 2
68	147	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	1.76	0.44		0	<20	P 2
80	147	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.64	0.12		0	<20	P 2
92	147	C	TEC-TEH	TEC-TEH		00161	610MC	BW1+	1.74	0.22		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00200	580AC	BW1+	1.88	0.23		0	<20	P 2
94	147	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.85	0.45		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00257	580AC	BW1+	2.00	0.84		0	<20	P 2
98	147	H	08H-VS3	08H-BW1	5	00257	580AC	BW1-	1.88	0.57		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.80	0.33		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.78	0.32		0	<20	P 2
		H	08H-VS3	08H-BW1	5	00257	580AC	BW1+	1.85	0.41		0	<20	P 2
100	147	C	TEC-TEH	TEC-TEH		00112	610MC	07H+	0.86	0.83		0	21	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	2.09	0.73		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00200	580AC	BW1-	1.98	0.53		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00200	580AC	BW1+	1.72	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.91	0.54		0	<20	P 2
104	147	C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	2.12	0.59		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00205	580AC	BW1-	1.93	0.29		0	<20	P 2
112	147	H	08H-VS2	08H-VS2		00062	580BC	BW1-	1.75	0.30		0	<20	P 2
118	147	H	08H-VS2	08H-VS2		00062	580BC	BW1-	1.95	0.46		0	<20	P 2
124	147	C	TEC-TEH	TEC-TEH		00112	610MC	09H+	0.77	1.02		0	24	P 2
126	147	C	TEC-TEH	TEC-TEH		00111	610MC	09H+	0.94	0.50		0	<20	P 2
41	148	C	TEC-TEH	TEC-TEH		00010	610MF	VS4-	0.74	0.26		0	<20	P 2
59	148	H	BW1-VS3	BW1-VS3	7	00292	580AC	BW1+	2.00	0.38		0	<20	P 2
77	148	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	2.10	0.14		0	<20	P 2
79	148	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	1.98	0.21		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.84	0.48		0	<20	P 2
83	148	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	2.11	0.20		0	<20	P 2
87	148	C	TEC-TEH	TEC-TEH		00033	610MF	08H+	0.68	0.27		0	<20	P 2
93	148	H	08H-VS3	08H-VS3	5	00200	580AC	BW1+	1.75	0.99		0	24	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+	1.85	1.10		0	23	P 2
95	148	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+	1.71	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00202	580AC	BW1+	1.86	0.64		0	<20	P 2
97	148	C	TEC-TEH	TEC-TEH		00112	610MC	08H-	0.23	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00200	580AC	08H-	0.09	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	VS2+	0.32	1.05		0	22	P 2
99	148	H	08H-VS3	08H-VS3	5	00202	580AC	08H+	0.87	0.46		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00202	580AC	BW1-	1.82	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.69	0.23		0	<20	P 2
101	148	C	TEC-TEH	TEC-TEH		00112	610MC	BW1-	2.12	0.69		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00200	580AC	BW1-	1.73	0.24		0	<20	P 2
103	148	H	08H-VS3	08H-VS3	5	00202	580AC	BW1-	2.00	0.23		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.71	0.26		0	<20	P 2
107	148	C	TEC-TEH	TEC-TEH		00111	610MC	BW1-	1.89	0.30		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00202	580AC	BW1-	1.73	0.23		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00202	580AC	BW1+	1.76	0.70		0	<20	P 2

CONAM NUCLEAR, INC.

CUMULATIVE REPORT
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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
107	148	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 1.82	0.35			0	<20	P 2
113	148	H	08H-VS2	08H-VS2		00063	580BC	BW1- 1.86	0.42			0	<20	P 2
123	148	C	TEC-TEH	TEC-TEH		00111	610MC	08C- 0.72	0.32			0	<20	P 2
78	149	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.99	0.18			0	<20	P 2
80	149	C	TEC-TEH	TEC-TEH		00033	610MF	VS3+ 0.78	0.39			0	<20	P 2
84	149	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.74	0.14			0	<20	P 2
92	149	H	08H-VS3	08H-VS3	5	00199	580AC	BW1+ 1.91	0.71			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 1.97	0.29			0	<20	P 2
94	149	H	08H-VS3	08H-VS3	5	00199	580AC	BW1- 2.02	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+ 1.72	1.12			0	23	P 2
		H	08H-VS3	08H-VS3	5	00199	580AC	BW1+ 1.92	1.05			0	22	P 2
96	149	H	08H-VS3	08H-VS3	5	00199	580AC	BW1+ 1.93	0.38			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 2.05	0.18			0	<20	P 2
98	149	H	08H-VS3	08H-VS3	5	00200	580AC	BW1+ 1.75	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+ 2.10	0.47			0	<20	P 2
100	149	H	08H-VS3	08H-VS3	5	00199	580AC	BW1- 2.00	0.27			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1- 1.88	0.14			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 1.80	0.21			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	VS3- 0.73	0.29			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW2- 1.80	0.17			0	<20	P 2
04	149	H	08H-VS3	08H-VS3	5	00199	580AC	BW1- 1.95	0.25			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1- 1.85	0.22			0	<20	P 2
		H	08H-VS3	08H-VS3	5	00199	580AC	BW1+ 1.89	0.64			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 2.05	0.15			0	<20	P 2
110	149	H	08H-VS2	08H-VS2		00064	580BC	BW1+ 1.67	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00112	610MC	BW1+ 2.06	0.33			0	<20	P 2
		H	08H-VS2	08H-VS2		00064	580BC	BW1+ 4.13	0.42			.21	SVI	P 1
120	149	H	08H-VS2	08H-VS2		00063	580BC	BW1- 2.07	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1- 1.95	0.32			0	<20	P 2
		H	08H-VS2	08H-VS2		00063	580BC	BW1+ 1.63	0.61			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 1.98	0.20			0	<20	P 2
122	149	C	TEC-TEH	TEC-TEH		00112	610MC	09H+ 0.82	1.94			0	34	P 2
126	149	C	TEC-TEH	TEC-TEH		00112	610MC	BW1+ 2.07	0.69			0	<20	P 2
51	150	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.79	0.33			0	<20	P 2
55	150	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.90	0.28			0	<20	P 2
61	150	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.00	0.18			0	<20	P 2
77	150	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.69	0.20			0	<20	P 2
79	150	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.76	0.48			0	<20	P 2
93	150	H	08H-VS3	08H-VS3	5	00199	580AC	08H+ 0.96	0.72			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	08H+ 0.98	0.75			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.96	0.95			0	<20	P 2
		H	08H-VS3	08H-VS3	5	00199	580AC	BW1+ 1.96	0.75			0	<20	P 2
97	150	C	TEC-TEH	TEC-TEH		00110	610MC	VS2- 1.00	0.49			0	<20	P 2
105	150	C	TEC-TEH	TEC-TEH		00111	610MC	BW1- 1.99	0.23			0	<20	P 2
111	150	C	TEC-TEH	TEC-TEH		00111	610MC	BW1+ 1.93	0.24			0	<20	P 2
119	150	H	08H-VS3	08H-VS3	5	00193	580AC	09H- 0.39	0.28			0	<20	P 2

CONAM NUCLEAR, INC.

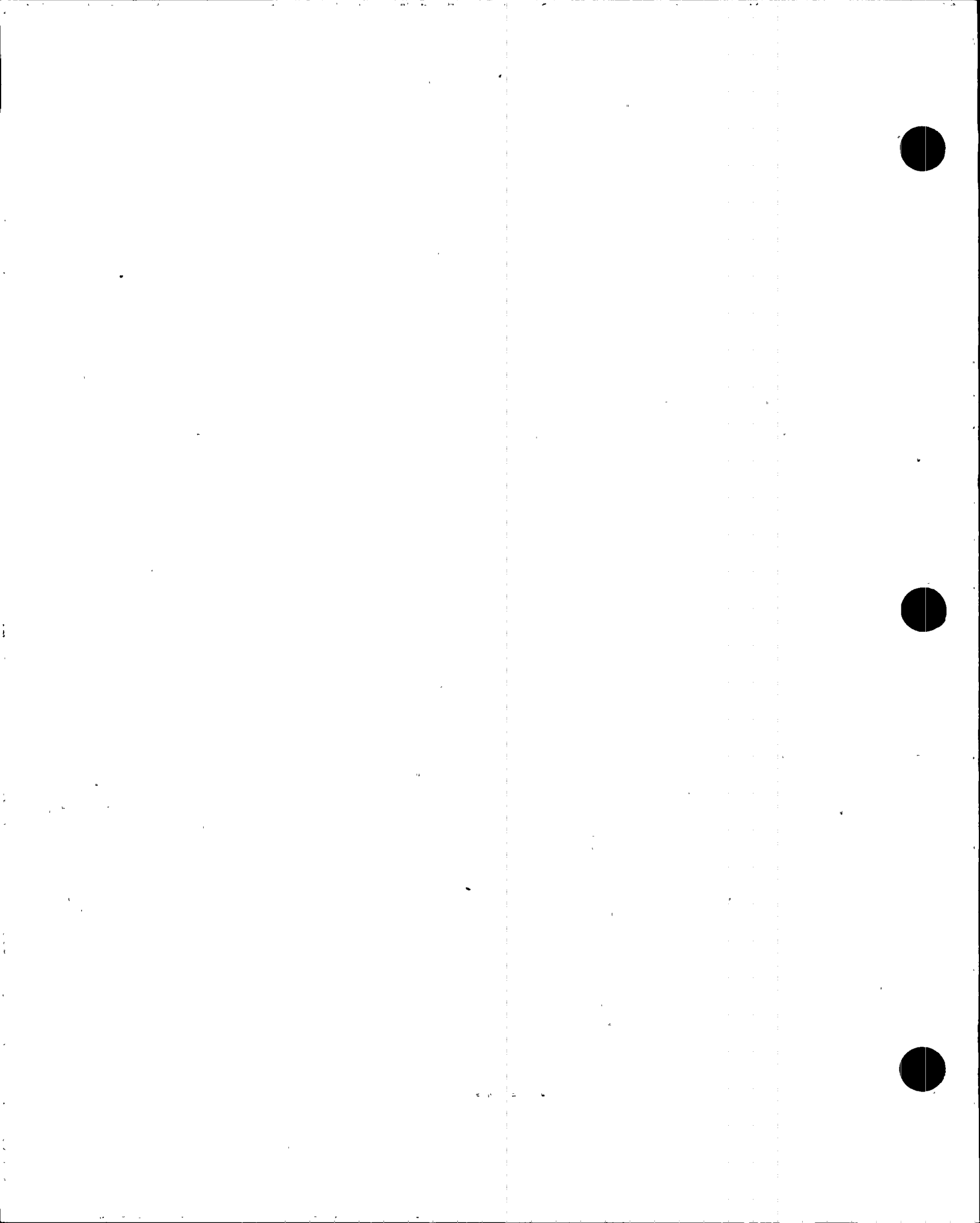
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
SECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
52	151	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 2.00	0.85		0	21	P 2
56	151	C	TEC-TEH	TEC-TEH		00032	610MF	BW2- 1.89	0.28		0	<20	P 2
62	151	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.11	0.33		0	<20	P 2
68	151	C	TEC-TEH	TEC-TEH		00032	610MF	BW2- 1.90	0.29		0	<20	P 2
84	151	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.05	0.14		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.84	0.41		0	<20	P 2
90	151	H	08H-VS3	08H-VS3	5	00226	580AC	08H- 0.98	0.49		0	<20	P 2
92	151	H	08H-VS3	08H-VS3	5	00195	580AC	BW1+ 1.40	0.69		0	<20	P 2
94	151	H	08H-VS3	08H-VS3	5	00193	580AC	BW1+ 1.85	0.37		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.37		0	<20	P 2
96	151	H	08H-VS3	08H-VS2	5	00195	580AC	BW1+ 1.36	0.38		0	<20	P 2
98	151	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 1.96	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00193	580AC	BW1- 1.83	0.29		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00193	580AC	BW1+ 1.89	0.52		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.05	0.62		0	<20	P 2
102	151	H	08H-VS3	08H-VS3	5	00193	580AC	08H+ 0.89	0.36		0	<20	P 2
104	151	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.73	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00193	580AC	BW1+ 1.85	0.29		0	<20	P 2
114	151	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 2.00	0.44		0	<20	P 2
116	151	H	08H-VS3	08H-VS3	5	00193	580AC	08H- 1.17	0.29		0	<20	P 2
118	151	C	TEC-TEH	TEC-TEH		00110	610MC	09H+ 0.85	0.60		0	<20	P 2
120	151	C	TEC-TEH	TEC-TEH		00109	610MC	09H+ 0.47	0.80		0	26	P 2
122	151	C	TEC-TEH	TEC-TEH		00110	610MC	09H- 1.17	0.53		0	<20	P 2
124	151	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.85	0.26		0	<20	P 2
55	152	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 1.85	0.22		0	<20	P 2
59	152	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.91	0.65		0	<20	P 2
79	152	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 2.00	0.17		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.82	0.31		0	<20	P 2
87	152	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 1.80	0.13		0	<20	P 2
91	152	H	08H-VS3	08H-VS3	5	00191	580AC	BW1+ 1.30	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2+ 0.04	0.34		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS3+ 0.03	0.27		0	<20	P 2
93	152	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.78	0.90		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1+ 1.87	1.29		0	24	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2- 0.16	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2+ 17.57	0.38		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS3+ 0.00	0.32		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS3+ 0.81	0.37		0	<20	P 2
95	152	H	08H-VS3	08H-VS3	5	00191	580AC	BW1+ 1.41	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.81	0.33		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2- 0.74	0.34		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2+ 0.49	0.25		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	VS2+ 0.66	0.25		0	<20	P 2
97	152	H	08H-VS3	08H-VS3	5	00191	580AC	08H+ 0.44	0.27		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1- 1.91	0.37		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1+ 1.45	0.52		0	<20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
97	152	C	TEC-TEH	TEC-TEH		00110	610MC	VS5+	1.20	0.53		0	<20	P 2
99	152	C	TEC-TEH	TEC-TEH		00109	610MC	BW1-	1.93	0.67		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1-	1.85	1.52		0	26	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1+	1.67	2.28		0	33	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.87	0.92		0	23	P 2
101	152	H	08H-VS3	08H-VS3	5	00191	580AC	BW1+	1.40	0.40		0	<20	P 2
103	152	H	08H-VS3	08H-VS3	5	00191	580AC	VS3-	0.45	0.33		0	<20	P 2
105	152	H	08H-VS3	08H-VS3	5	00190	580AC	BW1+	1.85	0.32		0	<20	P 2
107	152	H	08H-VS3	08H-VS3	5	00191	580AC	BW1+	1.67	0.76		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.81	0.30		0	<20	P 2
111	152	H	08H-VS3	08H-VS3	5	00191	580AC	BW1+	1.24	1.08		0	22	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	2.08	0.80		0	21	P 2
117	152	C	TEC-TEH	TEC-TEH		00110	610MC	09H-	0.98	1.43		0	24	P 2
		H	08H-VS3	08H-VS3	5	00190	580AC	09H-	0.87	0.31		0	<20	P 2
78	153	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+	1.91	0.30		0	<20	P 2
80	153	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	1.92	0.46		0	<20	P 2
82	153	C	TEC-TEH	TEC-TEH		00033	610MF	BW1-	2.00	0.24		0	<20	P 2
84	153	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+	1.76	0.31		0	<20	P 2
92	153	H	07H-VS3	07H-VS3		00187	580AC	BW1+	1.60	0.51		0	<20	P 2
94	153	H	08H-VS2	08H-VS3	5	00186	580AC	08H-	0.93	0.77		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	08H+	0.77	0.34		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	08H+	0.84	1.11		0	22	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1-	2.27	0.45		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1+	1.72	0.87		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.87	0.38		0	<20	P 2
96	153	H	08H-VS2	08H-VS3	5	00187	580AC	08H-	0.54	0.83		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	08H-	0.11	0.49		0	<20	P 2
98	153	C	TEC-TEH	TEC-TEH		00109	610MC	BW1-	2.04	0.43		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1-	1.85	0.80		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.99	0.67		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1+	2.90	0.99		0	20	P 2
100	153	H	08H-VS2	08H-VS3	5	00187	580AC	BW1+	1.61	0.61		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+	1.95	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	VS3+	0.00	0.82		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00187	580AC	VS3+	0.00	0.89		0	<20	P 2
102	153	H	08H-VS2	08H-VS3	5	00186	580AC	BW1-	1.85	0.35		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1+	1.85	0.83		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.88	0.43		0	<20	P 2
108	153	H	08H-VS3	08H-VS5	5	00191	580AC	BW1+	1.28	0.62		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00191	580AC	BW1+	1.38	0.53		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+	2.00	0.42		0	<20	P 2
110	153	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.87	0.35		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00190	580AC	BW1+	2.00	0.21		0	<20	P 2
112	153	H	08H-VS3	08H-VS3	5	00191	580AC	08H-	0.20	0.25		0	<20	P 2
114	153	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+	1.80	0.43		0	<20	P 2
		H	08H-VS3	08H-VS3	5	00190	580AC	BW1+	2.00	0.69		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 32
STAGE DATA SET : CURRENT
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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
118	153	C	TEC-TEH	TEC-TEH		00161	610MC	09H+ 0.96	1.19			0	29	P 2
		C	TEC-TEH	TEC-TSH		00109	610MC	09H+ 1.21	1.41			0	34	P 2
39	154	C	TEC-TEH	TEC-TEH		00009	610MF	BW2- 1.23	0.42			0	<20	P 2
69	154	C	TEC-TEH	TEC-TEH		00032	610MF	BW1- 1.73	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.82	0.31			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW2- 2.00	0.55			0	<20	P 2
77	154	C	TEC-TEH	TEC-TEH		00032	610MF	08H+ 0.89	0.55			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.85	0.52			0	<20	P 2
79	154	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 2.00	0.15			0	<20	P 2
85	154	C	TEC-TEH	TEC-TEH		00032	610MF	BW1+ 1.89	0.61			0	<20	P 2
87	154	C	TEC-TEH	TEC-TEH		00033	610MF	08H+ 0.68	0.39			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00033	610MF	VS2- 0.77	0.45			0	<20	P 2
91	154	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.97	0.47			0	<20	P 2
93	154	H	08H-VS2	08H-VS3	5	00187	580AC	BW1+ 1.71	0.26			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.31			0	<20	P 2
97	154	H	08H-VS2	08H-VS3	5	00187	580AC	BW1+ 1.68	0.67			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.40			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00187	580AC	VS2+ 0.42	0.36			0	<20	P 2
99	154	H	BW1-VS3	BW1-VS3	1	00130	580AC	BW1+ 1.79	0.65			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00109	610MC	BW1+ 1.85	0.26			0	<20	P 2
		C	TEC-TSH	TEC-TEH		00161	610MC	BW1+ 2.00	0.30			0	<20	P 2
		H	BW1-VS3	BW1-VS3	1	00130	580AC	VS2+ 3.17	0.88			.37	SVI	P 2
		C	TEC-TSH	TEC-TSH		00109	610MC	VS2+ 3.37	0.89			130	35	1
101	154	H	08H-VS2	08H-VS3	5	00187	580AC	BW1- 1.70	0.81			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00187	580AC	BW1+ 1.76	1.17			0	22	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.89	1.01			0	<20	P 2
107	154	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.82	0.30			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1+ 2.00	0.36			0	<20	P 2
109	154	H	08H-VS2	08H-VS3	5	00187	580AC	BW1+ 1.69	0.68			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.94	0.55			0	<20	P 2
111	154	H	08H-VS2	08H-VS3	5	00186	580AC	BW1- 2.00	0.30			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00161	610MC	BW1- 1.91	0.41			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00109	610MC	BW1- 1.81	0.42			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00161	610MC	BW1+ 1.77	0.35			0	<20	P 2
		C	TEC-TEH	TEC-TSH		00109	610MC	BW1+ 1.89	0.35			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1+ 2.00	0.73			0	<20	P 2
115	154	H	08H-VS2	08H-VS5	5	00186	580AC	BW1- 2.00	0.51			0	<20	P 2
117	154	C	TEC-TEH	TEC-TEH		00110	610MC	09H- 1.09	0.32			0	<20	P 2
		H	09H-09H	09H-09H	1	00158	600AC	09H- 1.07	0.73			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	09H+ 1.06	2.23			0	32	P 2
		H	09H-09H	09H-09H	1	00158	600AC	09H+ 1.19	2.43			0	34	P 2
119	154	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.80	0.14			0	<20	P 2
46	155	C	TEC-TEH	TEC-TEH		00008	610MF	VS4+ 0.72	0.68			0	21	P 2
50	155	C	TEC-TEH	TEC-TEH		00008	610MF	VS4- 0.85	0.62			0	20	P 2
70	155	C	TEC-TEH	TEC-TEH		00033	610MF	BW1+ 1.86	0.23			0	<20	P 2
80	155	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 1.00	0.30			0	<20	P 2

CONAM NUCLEAR, INC.

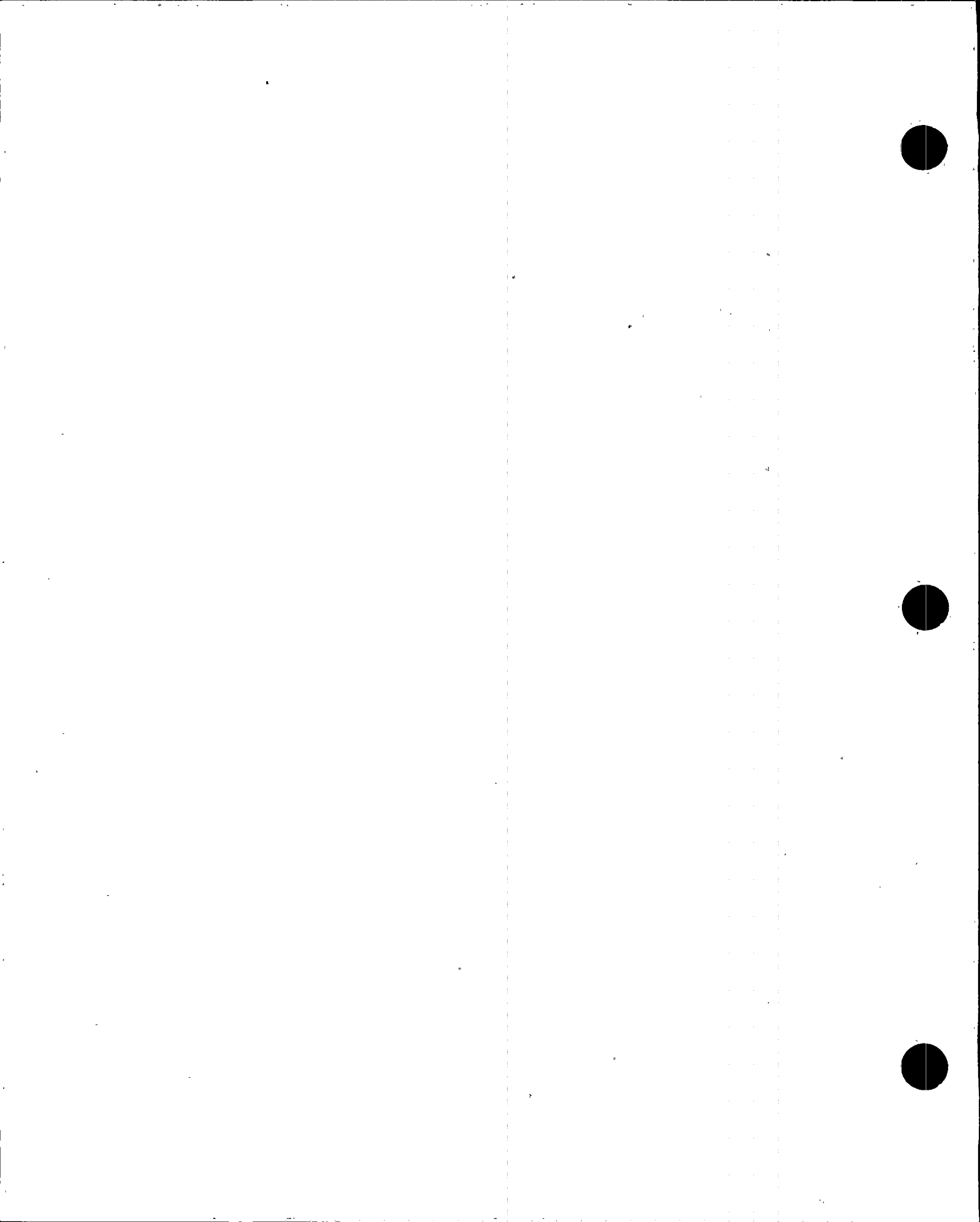
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
80	155	C	TEC-TEH	TEC-TEH		00032	610MF	08H+ 1.00	0.32			0	<20	P 2
84	155	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.76	0.41			0	<20	P 2
88	155	C	TEC-TEH	TEC-TEH		00030	610MF	06H- 0.87	0.34			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.36			0	<20	P 2
92	155	C	TEC-TEH	TEC-TEH		00108	610MC	BW1+ 1.87	0.70			0	<20	P 2
94	155	H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.82	0.58			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00107	610MC	BW1+ 2.13	0.26			0	<20	P 2
96	155	H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 1.78	0.67			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.80	0.75			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00108	610MC	BW1+ 1.90	0.56			0	<20	P 2
100	155	H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 1.99	0.42			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.97	0.53			0	<20	P 2
102	155	H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 1.46	0.71			0	<20	P 2
104	155	H	08H-VS2	08H-VS3	5	00182	580AC	BW1- 1.58	0.54			0	<20	P 2
106	155	H	08H-VS2	08H-VS3	5	00187	580AC	BW1+ 1.79	0.43			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.64			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00187	580AC	VS2+ 0.03	0.26			0	<20	P 2
114	155	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 2.01	0.73			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00186	580AC	BW1- 1.85	0.44			0	<20	P 2
79	156	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.87	0.17			0	<20	P 2
83	156	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.45			0	<20	P 2
85	156	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.90	0.34			0	<20	P 2
87	156	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.59			0	<20	P 2
93	156	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 2.13	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.60			0	<20	P 2
95	156	H	08H-VS2	08H-VS3	5	00183	580AC	08H+ 0.89	0.38			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 1.73	0.88			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.66	0.66			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 2.01	0.24			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	VS2- 0.96	0.45			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	VS2- 0.02	0.30			0	<20	P 2
97	156	H	08H-VS2	08H-VS3	5	00183	580AC	08H- 0.34	0.44			0	<20	P 2
99	156	H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 1.77	0.56			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.73	0.37			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.86	1.13			0	20	P 2
101	156	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.68	0.68			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.70	0.25			0	<20	P 2
103	156	H	08H-VS2	08H-VS3	5	00182	580AC	BW1- 1.74	0.51			0	<20	P 2
105	156	H	08H-VS2	08H-VS3	5	00183	580AC	BW1+ 1.64	0.41			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.98	0.34			0	<20	P 2
107	156	H	08H-VS2	08H-VS3	5	00182	580AC	BW1- 1.87	0.25			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00182	580AC	BW1+ 1.85	0.49			0	<20	P 2
109	156	H	08H-VS2	08H-VS3	5	00183	580AC	VS3+ 0.92	0.38			0	<20	P 2
113	156	H	08H-VS2	08H-VS3	5	00182	580AC	BW1- 1.89	0.45			0	<20	P 2
42	157	C	TEC-TEH	TEC-TEH		00008	610MF	VS4- 1.00	0.33			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00008	610MF	VS4+ 0.69	0.41			0	<20	P 2

CONAM NUCLEAR, INC.



CUMULATIVE REPORT
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STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT			
			PROGRAM	ACTUAL						MIL	DEG	%	CH
50	157	C	TEC-TEH	TEC-TEH		00008	610MF	BW2- 1.19	0.37		0	<20	P 2
52	157	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.96	0.35		0	<20	P 2
56	157	C	TEC-TEH	TEC-TEH		00030	610MF	BW2- 2.00	0.23		0	<20	P 2
64	157	C	TEC-TEH	TEC-TEH		00030	610MF	BW1- 1.77	0.15		0	<20	P 2
68	157	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.75	0.61		0	<20	P 2
70	157	C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 0.82	0.21		0	<20	P 2
72	157	C	TEC-TEH	TEC-TEH		00030	610MF	BW1- 2.00	0.39		0	<20	P 2
78	157	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.64	0.11		0	<20	P 2
80	157	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.53		0	<20	P 2
84	157	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.91	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.81	0.59		0	<20	P 2
94	157	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.94	0.49		0	<20	P 2
96	157	H	08H-VS2	08H-VS3	5	00181	580AC	BW1- 1.82	0.52		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.84	0.51		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00181	580AC	VS2+ 0.98	0.24		0	<20	P 2
100	157	H	08H-VS2	08H-VS2	5	00181	580AC	08H+ 0.80	1.25		.24	SVI	P 2
		H	08H-VS2	08H-VS2	5	00181	580AC	BW1+ 1.75	0.48		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.85	0.16		0	<20	P 2
108	157	H	08H-VS2	08H-VS3	5	00181	580AC	08H+ 0.73	0.58		.20	SVI	P 2
		H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.94	0.50		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.99	0.45		0	<20	P 2
110	157	H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.78	0.27		0	<20	P 2
112	157	H	08H-VS2	08H-VS3	5	00183	580AC	BW1- 2.08	0.32		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1- 1.98	0.43		0	<20	P 2
114	157	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 2.12	0.51		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.98	0.15		0	<20	P 2
118	157	C	TEC-TEH	TEC-TEH		00110	610MC	BW1- 1.98	0.78		0	<20	P 2
73	158	C	TEC-TEH	TEC-TEH		00031	610MF	06H+ 0.71	0.38		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 0.68	0.31		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.96	0.40		0	<20	P 2
77	158	C	TEC-TEH	TEC-TEH		00031	610MF	08H- 0.76	0.09		0	<20	P 2
79	158	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 1.99	0.59		0	<20	P 2
87	158	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.44		0	<20	P 2
89	158	C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 0.81	0.23		0	<20	P 2
91	158	C	TEC-TEH	TEC-TEH		00109	610MC	08H+ 0.80	0.51		0	<20	P 2
93	158	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.77		0	<20	P 2
99	158	H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.75	0.63		0	<20	P 2
101	158	H	08H-VS2	08H-VS3	5	00181	580AC	08H+ 0.89	0.56		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	08H+ 0.91	0.68		0	<20	P 2
105	158	H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.90	0.78		0	<20	P 2
107	158	H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.89	0.84		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.90	0.26		0	<20	P 2
109	158	H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.92	0.76		0	<20	P 2
111	158	H	08H-VS2	08H-VS3	5	00180	580AC	08H- 0.20	0.53		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	BW1- 1.87	0.36		0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.63	0.73		0	<20	P 2

CONAM NUCLEAR, INC.

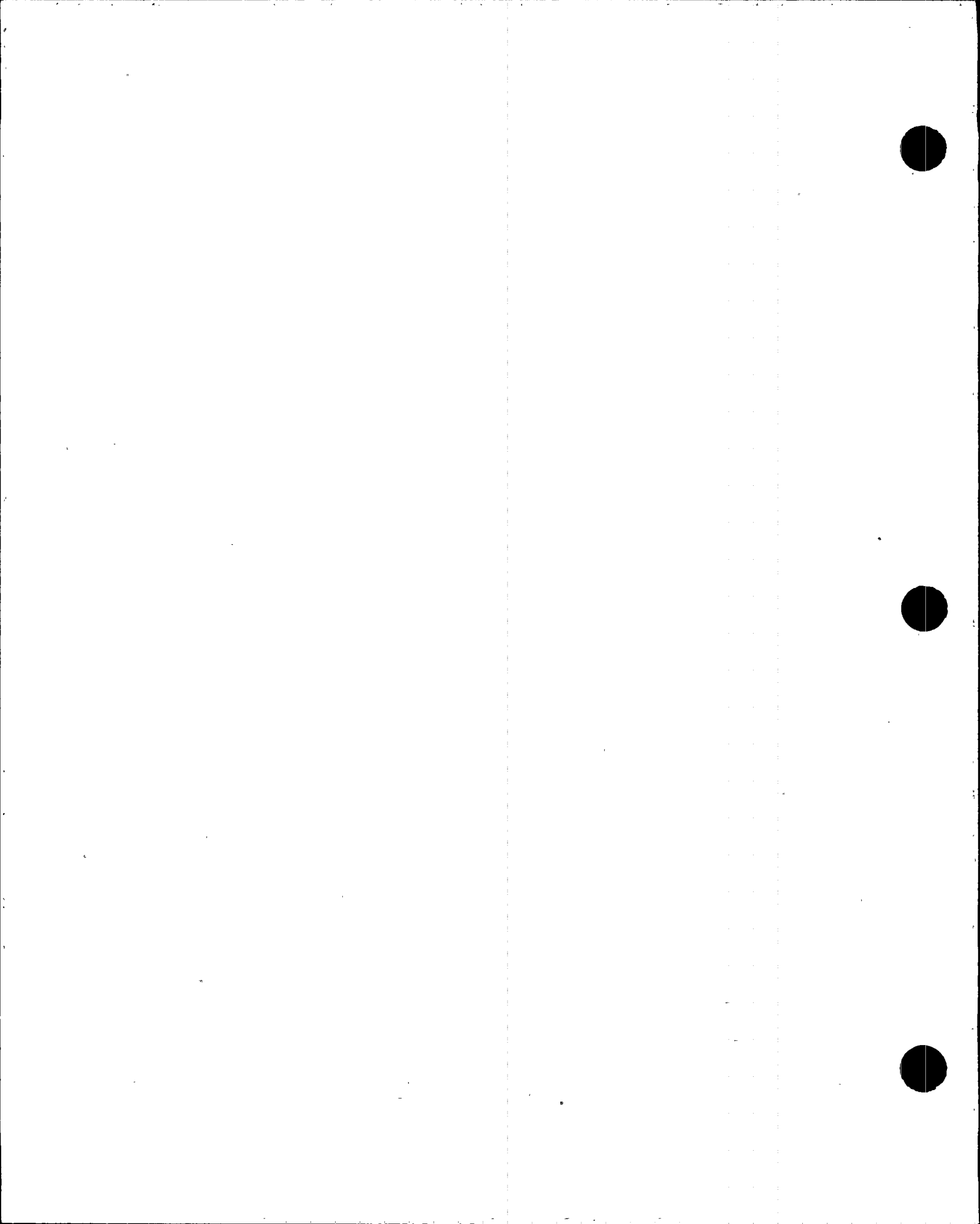
CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
PAGE DATA SET : CURRENT
LECTION VARIABLES: Percent

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DATE: 06/15/94
TIME: 09:41:04

ROW	LIN	LEG	EXAM	EXTENT	EXP	CAL	PROBE	LOCATION	VOLTS	CURRENT	MIL	DEG	%	CH
111	158	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 2.00	0.27			0	<20	P 2
115	158	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.89	0.53			0	<20	P 2
40	159	C	TEC-TEH	TEC-TEH		00007	610MF	VS4+ 0.72	0.62			0	<20	P 2
58	159	C	TEC-TEH	TEC-TEH		00031	610MF	VS3+ 1.00	0.40			0	<20	P 2
66	159	C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 1.06	0.46			0	<20	P 2
74	159	C	TEC-TEH	TEC-TEH		00031	610MF	BW1- 1.70	0.31			0	<20	P 2
94	159	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.76	0.42			0	<20	P 2
98	159	H	08H-VS2	08H-VS3	5	00181	580AC	BW1- 1.94	0.35			0	<20	P 2
100	159	H	08H-VS2	08H-VS3	5	00180	580AC	BW1- 1.99	0.28			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.82	0.30			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.85	0.46			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	VS2+ 0.75	0.30			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	VS2+ 0.89	0.24			0	<20	P 2
108	159	H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.98	0.37			0	<20	P 2
110	159	H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 1.86	0.45			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 2.00	0.30			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	BW1+ 3.23	1.14		.25	SVI	P 2	
43	160	C	TEC-TEH	TEC-TEH		00006	610MF	BW1+ 1.87	0.13			0	<20	P 2
53	160	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.74	0.63			0	<20	P 2
73	160	H	08H-BW1	08H-BW1	7	00251	580AC	08H- 0.31	0.45			0	<20	P 2
		H	08H-BW1	08H-BW1	7	00251	580AC	08H+ 0.78	0.59			0	<20	P 2
		H	08H-BW1	08H-BW1	7	00251	580AC	BW1- 1.96	0.56			0	<20	P 2
85	160	C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 0.66	0.99			0	26	P 2
87	160	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.83	1.19			0	23	P 2
91	160	C	TEC-TEH	TEC-TEH		00109	610MC	08H+ 0.83	0.97			0	26	P 2
93	160	C	TEC-TEH	TEC-TEH		00110	610MC	08H+ 0.77	0.53			0	<20	P 2
99	160	H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.85	0.43			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.86	0.18			0	<20	P 2
101	160	H	08H-VS2	08H-VS3	5	00181	580AC	BW1+ 1.91	0.37			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 2.00	0.60			0	<20	P 2
103	160	H	08H-VS2	08H-VS3	5	00180	580AC	BW1- 1.82	0.41			0	<20	P 2
		H	08H-VS2	08H-VS3	5	00180	580AC	BW1- 1.39	0.67			0	<20	P 2
113	160	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.70	0.52			0	<20	P 2
62	161	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.79	0.31			0	<20	P 2
68	161	C	TEC-TEH	TEC-TEH		00030	610MF	BW1+ 2.00	0.32			0	<20	P 2
74	161	C	TEC-TEH	TEC-TEH		00031	610MF	08H+ 0.78	0.18			0	<20	P 2
86	161	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 1.57	0.20			0	<20	P 2
98	161	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.78	0.24			0	<20	P 2
104	161	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+ 1.96	0.33			0	<20	P 2
106	161	C	TEC-TEH	TEC-TEH		00109	610MC	BW1+ 1.81	0.25			0	<20	P 2
110	161	C	TEC-TEH	TEC-TEH		00109	610MC	BW1- 1.92	0.37			0	<20	P 2
43	162	C	TEC-TEH	TEC-TEH		00006	610MF	BW2- 2.00	0.24			0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	BW2+ 2.00	0.38			0	<20	P 2
69	162	C	TEC-TEH	TEC-TEH		00031	610MF	BW1+ 2.00	0.32			0	<20	P 2
81	162	C	TEC-TEH	TEC-TEH		00030	610MF	08H+ 0.80	0.85			0	<20	P 2
01	162	C	TEC-TEH	TEC-TEH		00110	610MC	08H+ 1.00	0.65			0	<20	P 2

CONAM NUCLEAR, INC.



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STEAM GENERATOR : 32
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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
101	162	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+	2.00	0.32		0	<20	P 2
105	162	C	TEC-TEH	TEC-TEH		00110	610MC	08H+	1.00	0.49		0	<20	P 2
8	163	C	TEC-TEH	TEC-TEH		00006	610MF	06C+	0.84	0.14		0	<20	P 2
30	163	C	TEC-TEH	TEC-TEH		00007	610MF	VS4-	0.79	0.35		0	<20	P 2
44	163	C	TEC-TEH	TEC-TEH		00006	610MF	VS4-	0.86	0.25		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00006	610MF	VS4+	0.78	0.30		0	<20	P 2
46	163	C	TEC-TEH	TEC-TEH		00007	610MF	VS4-	0.91	0.40		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00007	610MF	VS4+	0.80	0.73		0	20	P 2
70	163	C	TEC-TEH	TEC-TEH		00029	610MF	VS3+	0.91	0.29		0	<20	P 2
76	163	C	TEC-TEH	TEC-TEH		00028	610MF	08H+	0.81	0.55		0	<20	P 2
82	163	C	TEC-TEH	TEC-TEH		00028	610MF	08H+	0.80	0.31		0	<20	P 2
84	163	C	TEC-TEH	TEC-TEH		00028	610MF	08H+	0.81	0.25		0	<20	P 2
88	163	C	TEC-TEH	TEC-TEH		00028	610MF	VS3-	0.85	0.45		0	<20	P 2
102	163	C	TEC-TEH	TEC-TEH		00108	610MC	08H+	0.81	0.60		0	<20	P 2
33	164	C	TEC-TEH	TEC-TEH		00006	610MF	BW1+	2.00	0.27		0	<20	P 2
77	164	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.89	0.29		0	<20	P 2
87	164	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.99	0.63		0	<20	P 2
93	164	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+	2.00	0.53		0	<20	P 2
95	164	C	TEC-TEH	TEC-TEH		00109	610MC	08H+	0.71	0.97		0	26	P 2
97	164	C	TEC-TEH	TEC-TEH		00110	610MC	08H+	0.85	1.01		0	<20	P 2
01	164	C	TEC-TEH	TEC-TEH		00110	610MC	VS6+	0.89	0.32		0	<20	P 2
42	165	C	TEC-TEH	TEC-TEH		00006	610MF	BW1-	1.92	0.35		0	<20	P 2
52	165	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.00	0.40		0	<20	P 2
66	165	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.05	0.67		0	<20	P 2
68	165	C	TEC-TEH	TEC-TEH		00027	610MF	BW1-	1.96	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.98	0.49		0	<20	P 2
86	165	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.83	0.63		0	<20	P 2
102	165	C	TEC-TEH	TEC-TEH		00110	610MC	BW1+	2.00	0.60		0	<20	P 2
17	166	C	TEC-TEH	TEC-TEH		00007	610MF	VS4-	0.91	0.58		0	<20	P 2
51	166	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.16	0.79		0	22	P 2
67	166	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.90	0.27		0	<20	P 2
71	166	C	TEC-TEH	TEC-TEH		00027	610MF	BW1-	2.00	0.45		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.00	0.29		0	<20	P 2
85	166	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.81	0.58		0	<20	P 2
87	166	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.09	0.31		0	<20	P 2
52	167	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.75	0.79		0	23	P 2
68	167	C	TEC-TEH	TEC-TEH		00027	610MF	08H-	0.97	0.47		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1-	1.98	0.22		0	<20	P 2
70	167	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	1.89	0.14		0	<20	P 2
72	167	C	TEC-TEH	TEC-TEH		00027	610MF	BW1-	1.79	0.72		0	21	P 2
74	167	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.90	0.34		0	<20	P 2
88	167	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.00	0.67		0	21	P 2
94	167	C	TEC-TEH	TEC-TEH		00110	610MC	BW2+	2.11	0.79		0	<20	P 2
45	168	C	TEC-TEH	TEC-TEH		00005	610MF	VS4-	0.62	0.62		0	<20	P 2
51	168	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.90	0.40		0	<20	P 2
73	168	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	2.05	0.34		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 32
MOUNTAGE DATA SET : CURRENT
COLLECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION		VOLTS	CURRENT			
			PROGRAM	ACTUAL							MIL	DEG	%	CH
75	168	C	TEC-TEH	TEC-TEH		00027	610MF	08H-	0.98	0.36		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	08H+	0.74	1.66		0	34	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	VS5-	0.75	0.65		0	20	P 2
79	168	C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.02	0.38		0	<20	P 2
		H	VS3-VS5	VS3-VS5	1	00130	580AC	VS3+	0.93	3.28		0	40	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	VS3+	0.98	2.40		0	38	P 2
81	168	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.82	0.97		0	24	P 2
87	168	C	TEC-TEH	TEC-TEH		00027	610MF	08H+	0.95	0.97		0	26	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	1.93	0.25		0	<20	P 2
89	168	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.80	0.31		0	<20	P 2
93	168	C	TEC-TEH	TEC-TEH		00109	610MC	08H+	0.65	0.48		0	<20	P 2
82	169	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.83	0.94		0	25	P 2
86	169	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.80	1.22		0	29	P 2
77	170	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.82	0.80		0	23	P 2
81	170	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.80	0.53		0	<20	P 2
85	170	C	TEC-TEH	TEC-TEH		00027	610MF	08H+	1.00	0.58		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00027	610MF	BW1+	2.01	0.85		0	<20	P 2
87	170	C	TEC-TEH	TEC-TEH		00026	610MF	08H+	0.80	0.28		0	<20	P 2
40	171	C	TEC-TEH	TEC-TEH		00003	610MF	BW1-	1.82	0.20		0	<20	P 2
76	171	C	TEC-TEH	TEC-TEH		00027	610MF	08H+	1.00	0.63		0	<20	P 2
86	171	C	TEC-TEH	TEC-TEH		00026	610MF	BW1+	1.95	0.71		0	20	P 2
47	172	C	TEC-TEH	TEC-TEH		00004	610MF	VS4+	0.71	0.46		0	<20	P 2
53	172	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	1.84	0.23		0	<20	P 2
73	172	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	1.71	0.53		0	<20	P 2
79	172	C	TEC-TEH	TEC-TEH		00025	610MF	08H+	1.00	0.56		0	<20	P 2
42	173	C	TEC-TEH	TEC-TEH		00004	610MF	VS4+	0.65	0.44		0	<20	P 2
50	173	C	TEC-TEH	TEC-TEH		00003	610MF	BW1+	1.91	0.40		0	<20	P 2
72	173	C	TEC-TEH	TEC-TEH		00024	610MF	VS3+	0.98	0.63		0	<20	P 2
74	173	C	TEC-TEH	TEC-TEH		00025	610MF	VS5+	0.73	3.03		0	BLI	P 2
76	173	C	TEC-TEH	TEC-TEH		00024	610MF	08H-	1.04	0.63		0	<20	P 2
53	174	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	2.00	0.56		0	<20	P 2
57	174	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	2.03	0.58		0	<20	P 2
61	174	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	2.01	0.50		0	<20	P 2
69	174	C	TEC-TEH	TEC-TEH		00024	610MF	08H+	1.00	0.44		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00024	610MF	BW1-	1.88	0.14		0	<20	P 2
		C	TEC-TEH	TEC-TEH		00024	610MF	BW1+	1.77	0.30		0	<20	P 2
24	175	C	TEC-TEH	TEC-TEH		00004	610MF	VS4+	0.65	0.55		0	<20	P 2
40	175	C	TEC-TEH	TEC-TEH		00004	610MF	VS4+	0.63	0.65		0	<20	P 2
66	175	C	TEC-TEH	TEC-TEH		00024	610MF	BW2-	2.00	0.50		0	<20	P 2
72	175	C	TEC-TEH	TEC-TEH		00025	610MF	BW1+	1.88	1.19		0	29	P 2
74	175	C	TEC-TEH	TEC-TEH		00024	610MF	08H+	0.86	0.34		0	<20	P 2
17	176	C	TEC-TEH	TEC-TEH		00003	610MF	BW2-	2.00	0.48		0	<20	P 2
49	176	C	TEC-TEH	TEC-TEH		00003	610MF	VS4-	0.79	0.49		0	<20	P 2
69	176	C	TEC-TEH	TEC-TEH		00024	610MF	BW2+	2.00	0.18		0	<20	P 2
79	176	C	TEC-TEH	TEC-TEH		00024	610MF	05C+	0.88	0.44		0	<20	P 2
42	177	C	TEC-TEH	TEC-TEH		00004	610MF	VS4-	0.86	0.59		0	<20	P 2

CONAM NUCLEAR, INC.

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STEAM GENERATOR : 32
OUTAGE DATA SET : CURRENT
SELECTION VARIABLES: Percent

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ROW	LIN	LEG	EXAM EXTENT		EXP	CAL	PROBE	LOCATION	CURRENT				
			PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
50	177	C	TEC-TEH	TEC-TEH		00003	610MF	BW2- 1.86	0.26		0	<20	P 2
54	177	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.93	0.14		0	<20	P 2
66	177	C	TEC-TEH	TEC-TEH		00024	610MF	BW1+ 1.81	0.36		0	<20	P 2
54	179	C	TEC-TEH	TEC-TEH		00022	610MF	VS4+ 0.83	0.27		0	<20	P 2
47	180	C	TEC-TEH	TEC-TEH		00083	610MF	VS4- 0.83	0.18		0	<20	P 2
		C	TEC-TEH	TEC-TSH		00004	610MF	VS4- 0.68	0.40		0	<20	P 2
45	182	C	TEC-TEH	TEC-TEH		00001	610MF	VS4- 0.93	0.39		0	<20	P 2
49	182	H	BW1-VS4	BW1-VS4	1	00128	580AC	VS4- 0.82	2.20		0	30	P 2
		C	TEC-TEH	TEC-TEH		00001	610MF	VS4- 0.68	1.70		0	34	P 2
48	183	C	TEC-TEH	TEC-TEH		00001	610MF	03C+ 0.84	0.55		0	22	P 2
52	183	C	TEC-TEH	TEC-TEH		00022	610MF	03C- 0.16	0.22		0	<20	P 2
49	184	C	TEC-TEH	TEC-TEH		00001	610MF	VS4+ 0.77	1.03		0	27	P 2
44	185	C	TEC-TEH	TEC-TEH		00001	610MF	04C+ 1.00	0.67		0	20	P 2
46	185	C	TEC-TEH	TEC-TEH		00001	610MF	03C+ 0.83	0.92		0	30	P 2
8	189	C	TEC-TEH	TEC-TEH		00001	610MF	07H+ 0.91	0.24		0	<20	P 2

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 1406

NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 2177

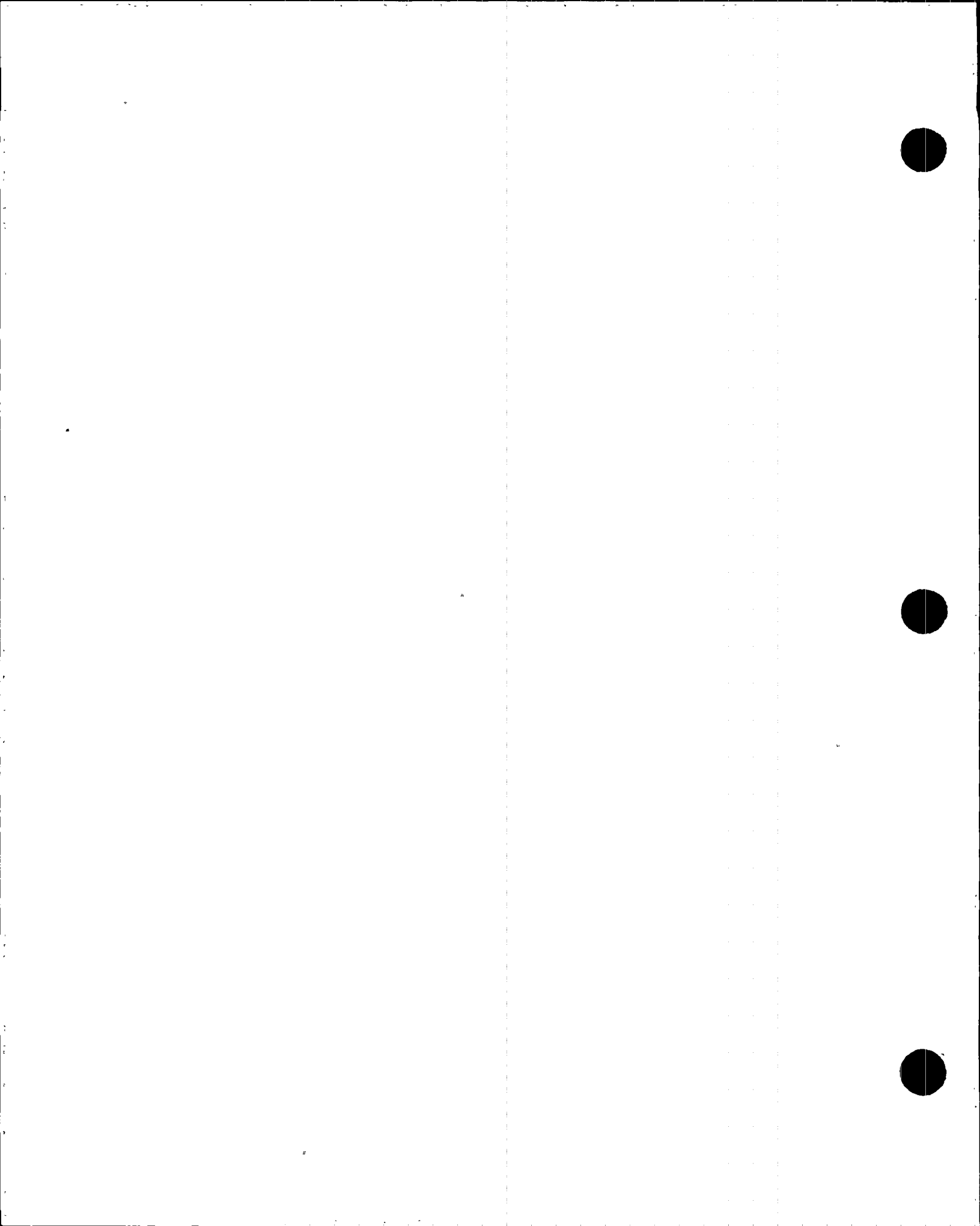
TREND ANALYSIS REQUESTED

DATA SELECTION CRITERIA:

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

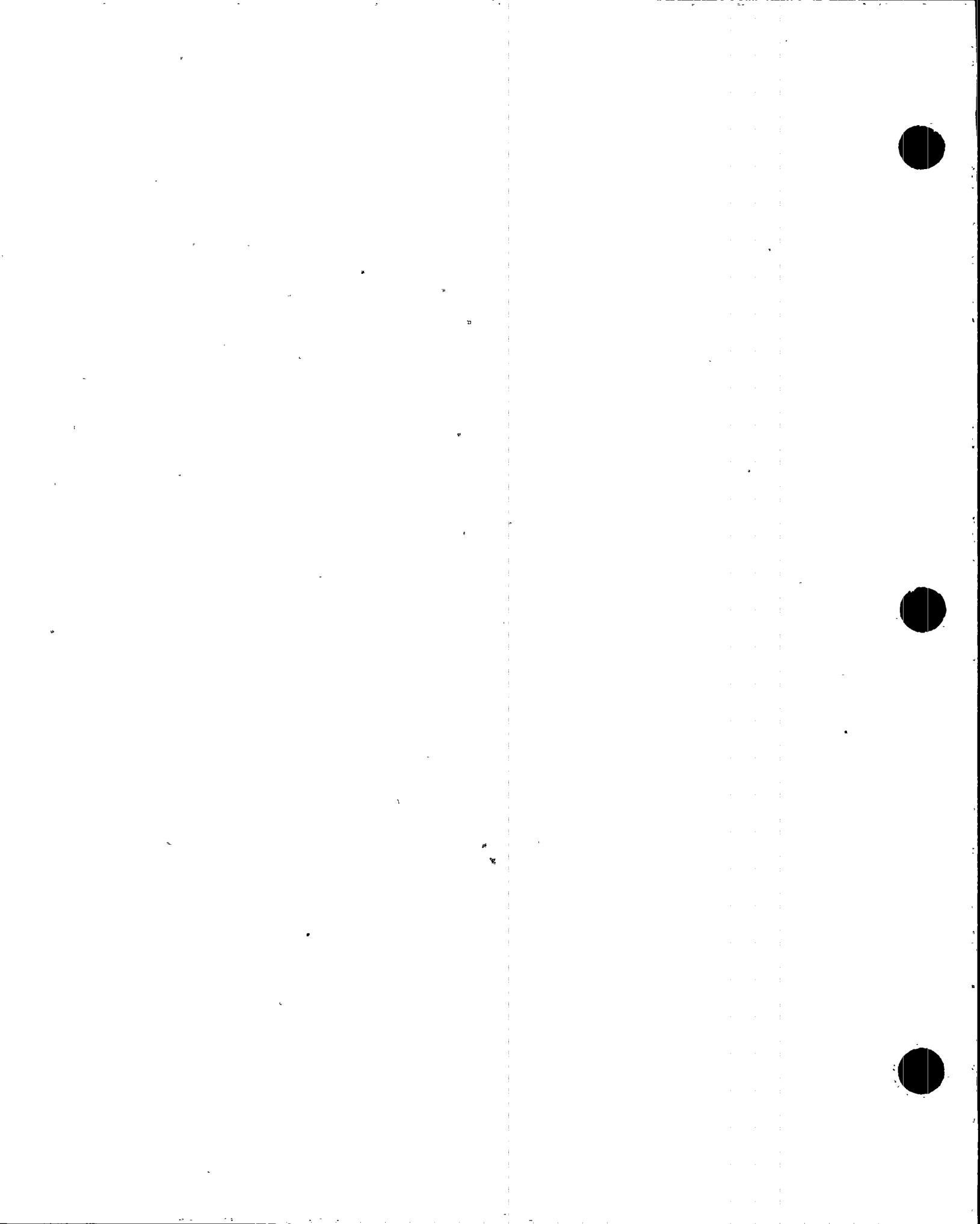
REPORT OPTIONS:

Only examination results matching criteria are included



APPENDIX D

MAPS OF BOBBIN COIL AND RPC EXAMINATIONS COMPLETED



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

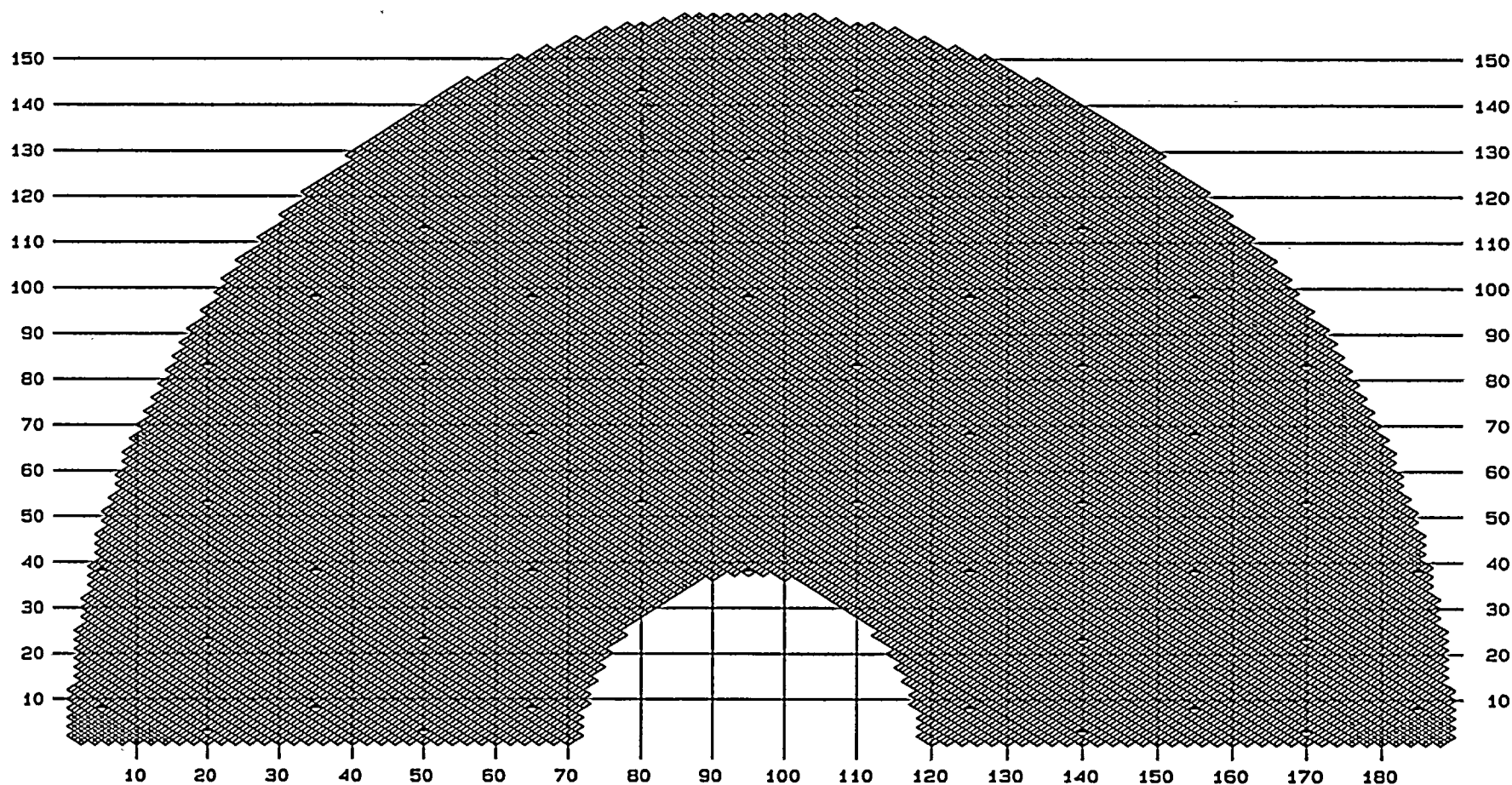
STEAM GENERATOR: 31
ORIGINAL SCOPE/ANALYZED F/L BOBBIN

DATE: 05/16/94
TIME: 12:53:58

CRITERIA: TUBES TO BE EXAMINED IN F/L BOBBIN GROUPS

STAYS

PLUGGED 121 X TEC-TEH 10891 /



SLUDGE ANALYSIS

CONAM NUCLEAR, INC. BU

04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

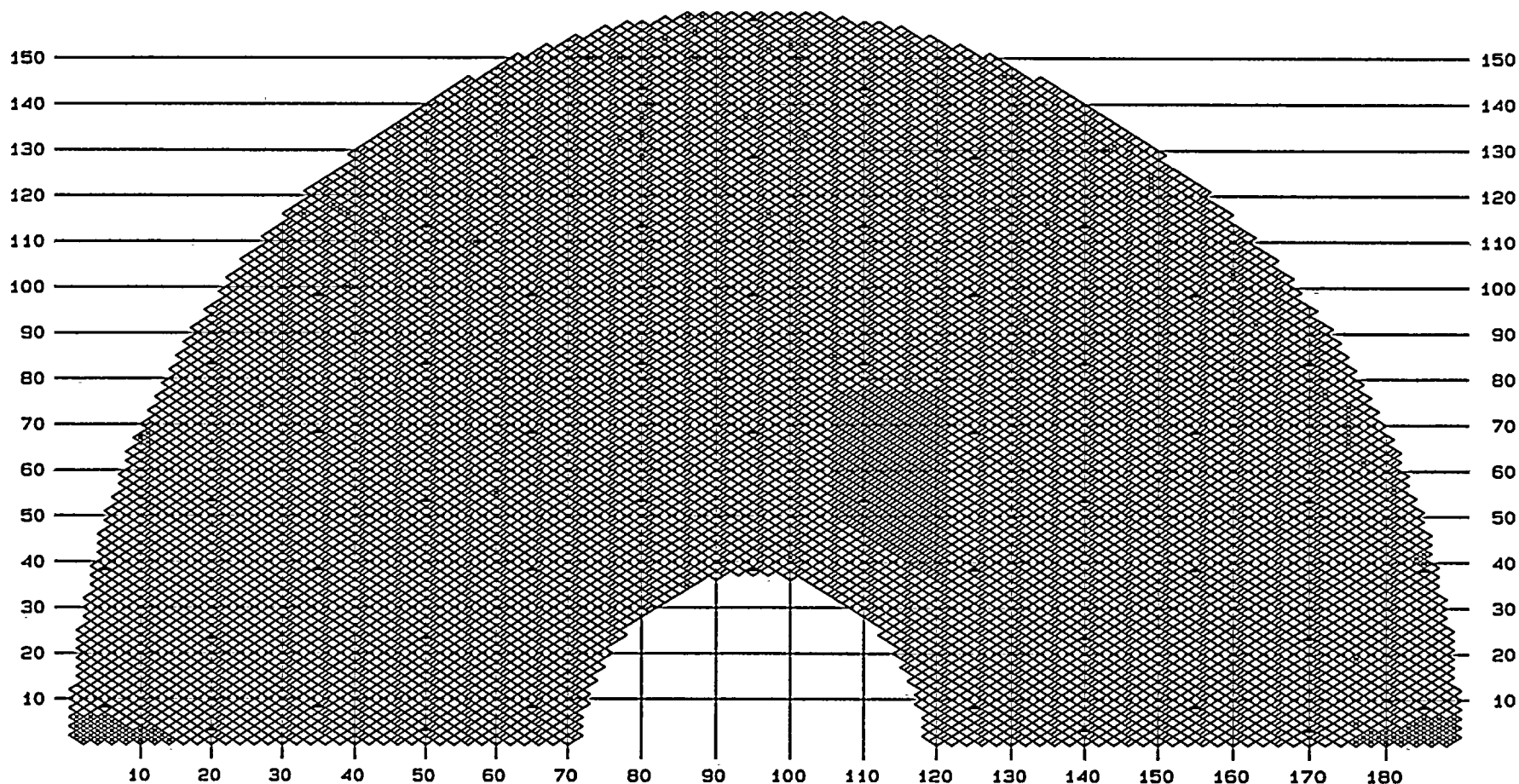
STEAM GENERATOR: 31
ORIGINAL SCOPE/ANALYZED TSH RPC

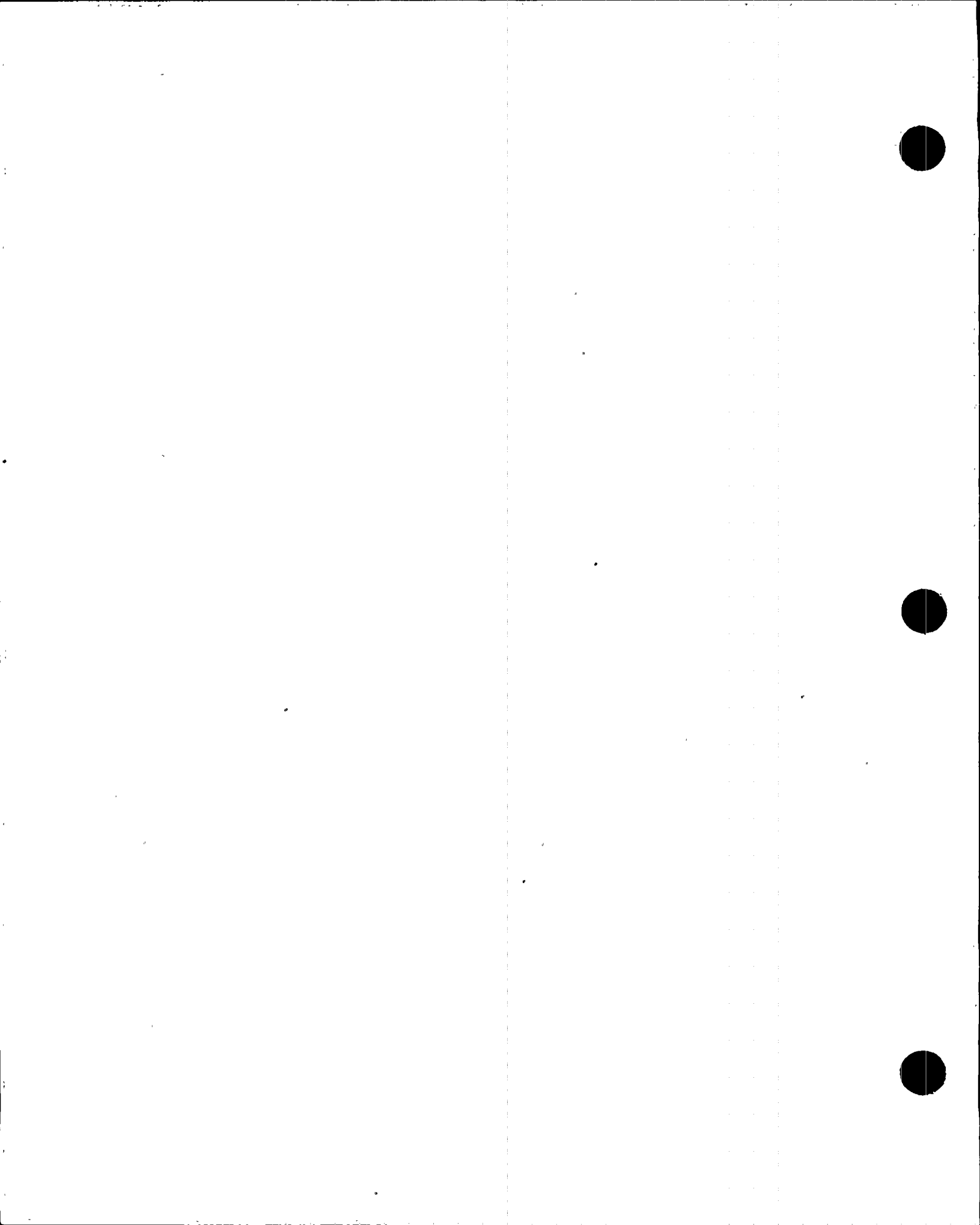
DATE: 05/16/94
TIME: 08: 17: 47

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 5, 6, 7, 8, 9, 10, 11

STAYS

PLUGGED 121 X TSH-TSH 2220 /





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

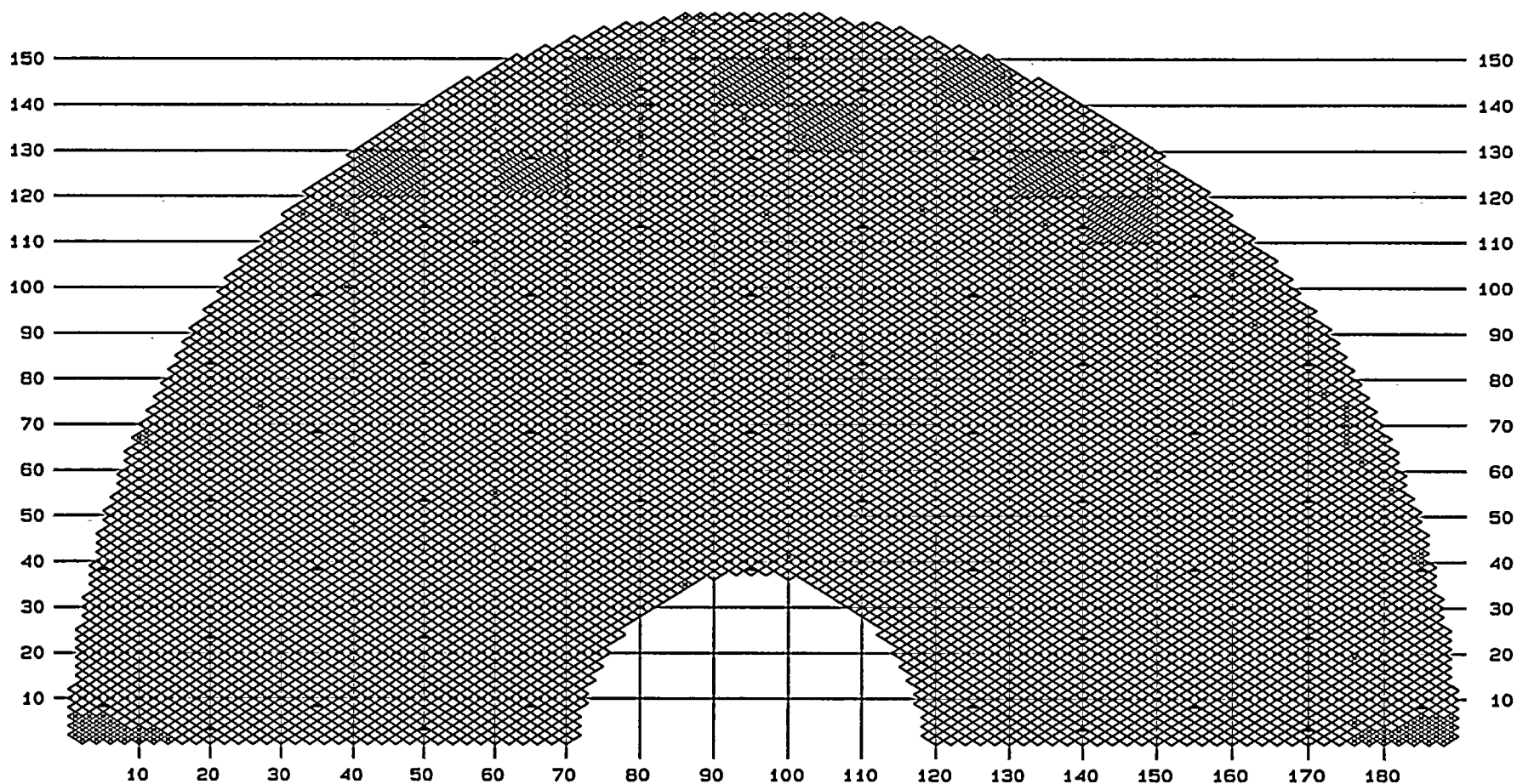
STEAM GENERATOR: 31
ORIGINAL SCOPE/ANALYZED UBEND RPC

DATE: 05/16/94
TIME: 09: 03: 44

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 12, 13, 14, 15

STAYS

PLUGGED 121 X 08H-VS2 73 / 08H-VS1 315 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
EXP1: SCOPE/ANALYZED (SPECIAL INTEREST RPC)

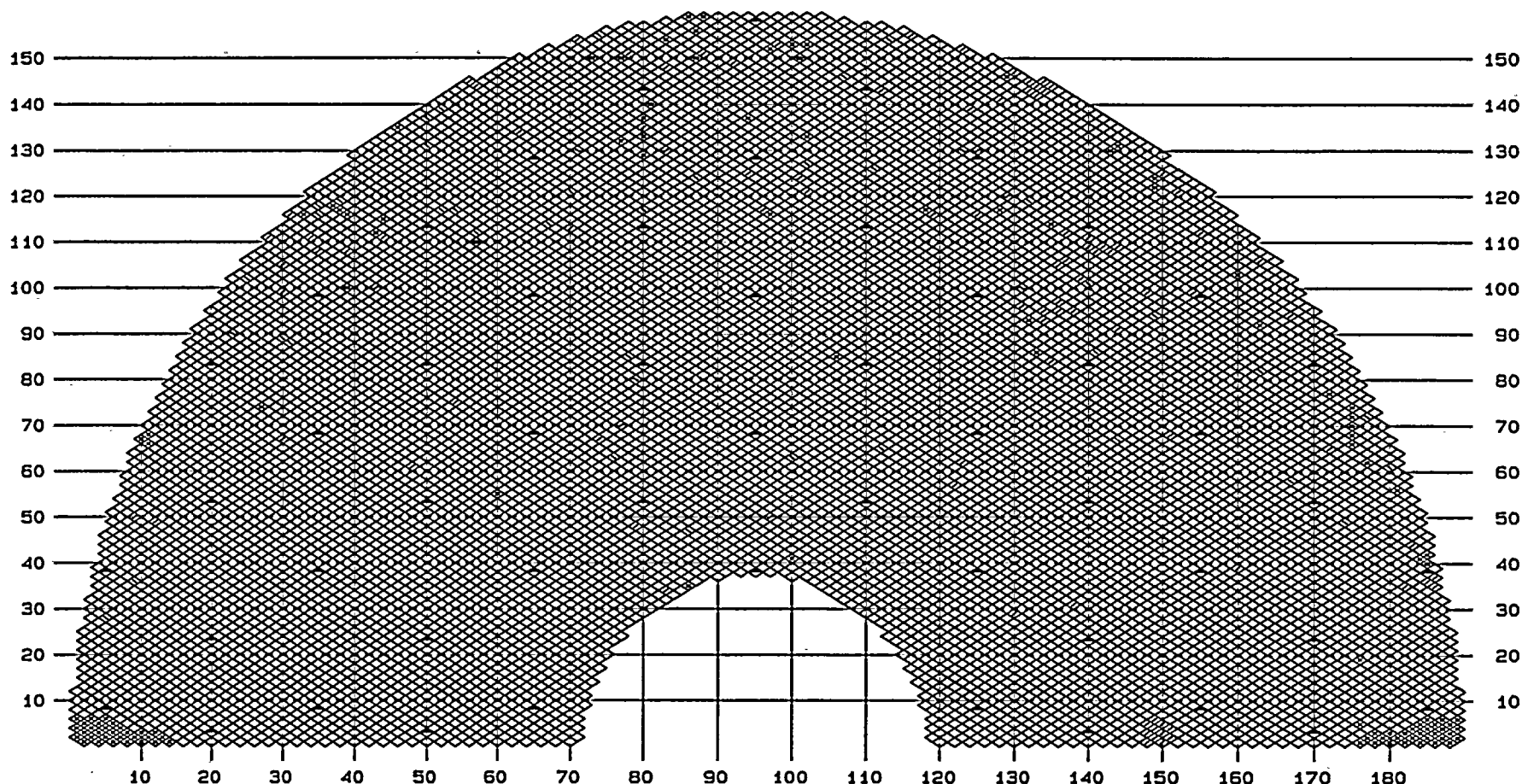
DATE: 05/16/94
TIME: 09: 34: 18

CRITERIA: TUBES TO BE EXAMINED IN SPECIAL INTEREST GROUPS

STAYS

PLUGGED	121 X	Group36	1 /	Group37	1 /	Group38	10 /	Group52	60 /	Group53	3 /	Group54	3 /	Group55	2 /
Group70	4 /	Group56	0 /	Group57	8 /	Group58	7 /	Group59	0 /	Group71	1 /				

MULTIPLE 43 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

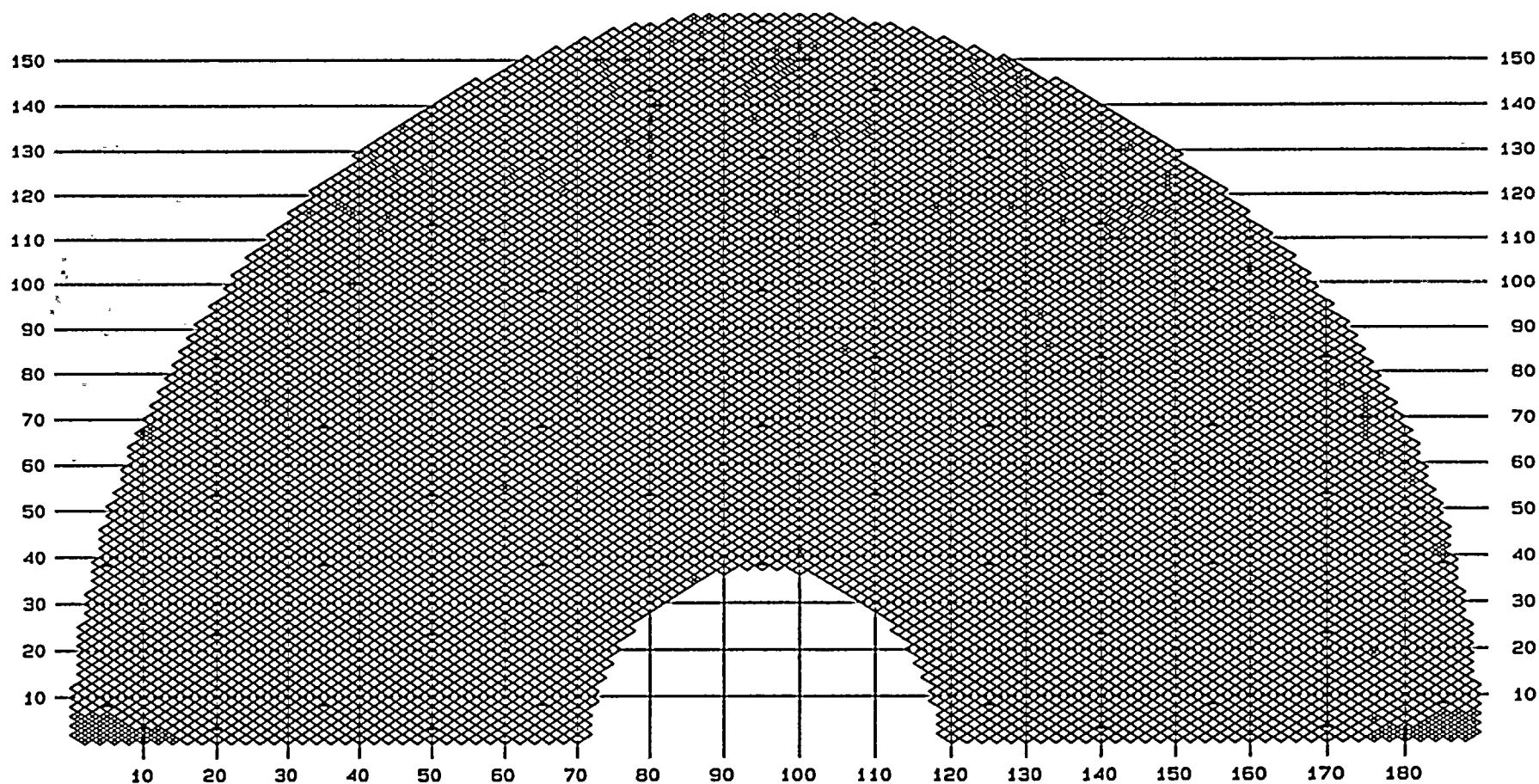
STEAM GENERATOR: 31
EXP2: SCOPE/ANALYZED (AFTER CLEANING RPC)

DATE: 05/16/94
TIME: 09: 20: 59

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 51

STAYS

PLUGGED 121 ✕ 08H-VS2 13 / 08H-VS1 47 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

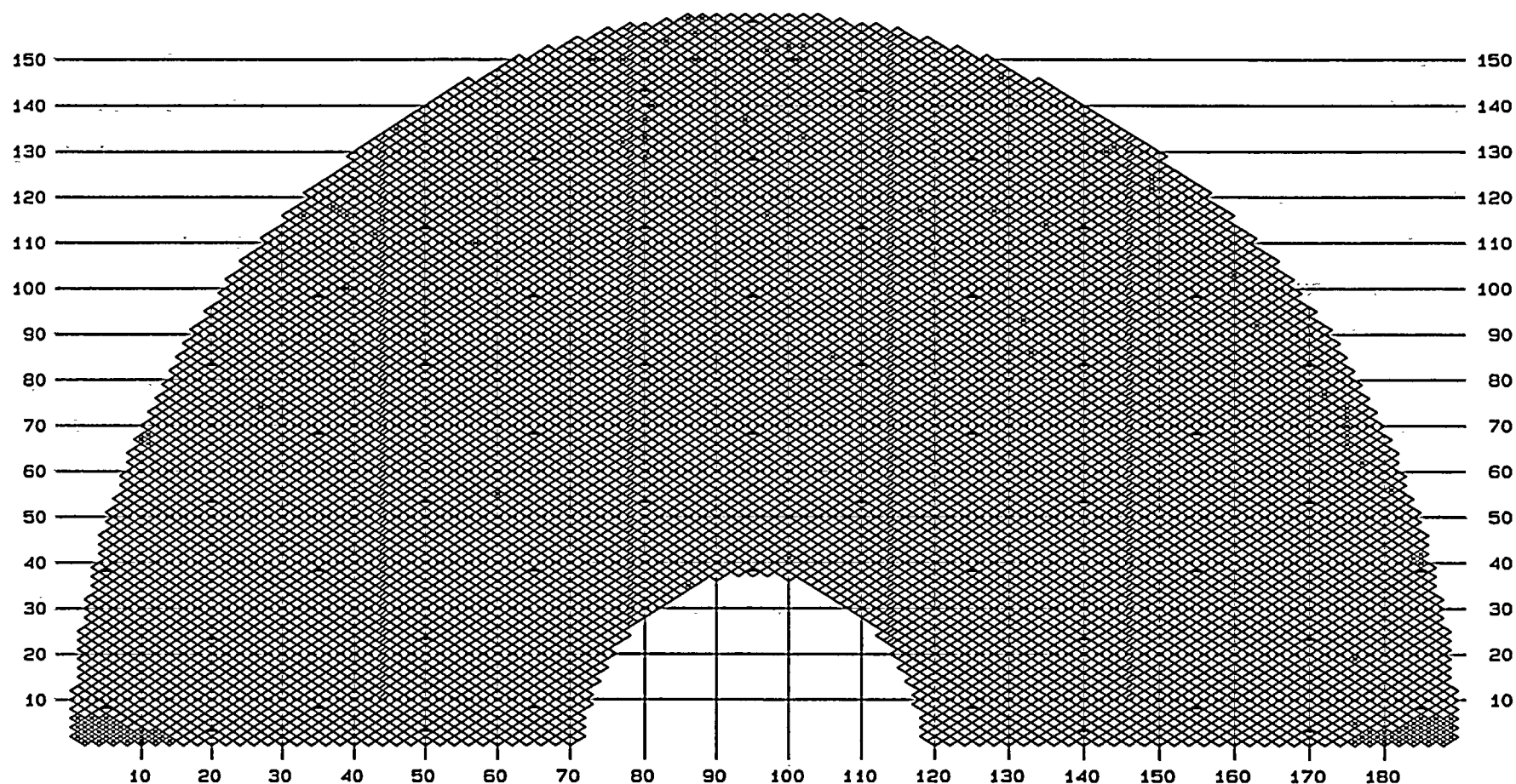
STEAM GENERATOR: 31
EXP3: SCOPE/ANALYZED (AFTER SLUDGE LANCE BOB)

DATE: 05/16/94
TIME: 11: 20: 16

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 60, 61, 62, 63

STAYS

PLUGGED 121 X TEC-TEH 256 /



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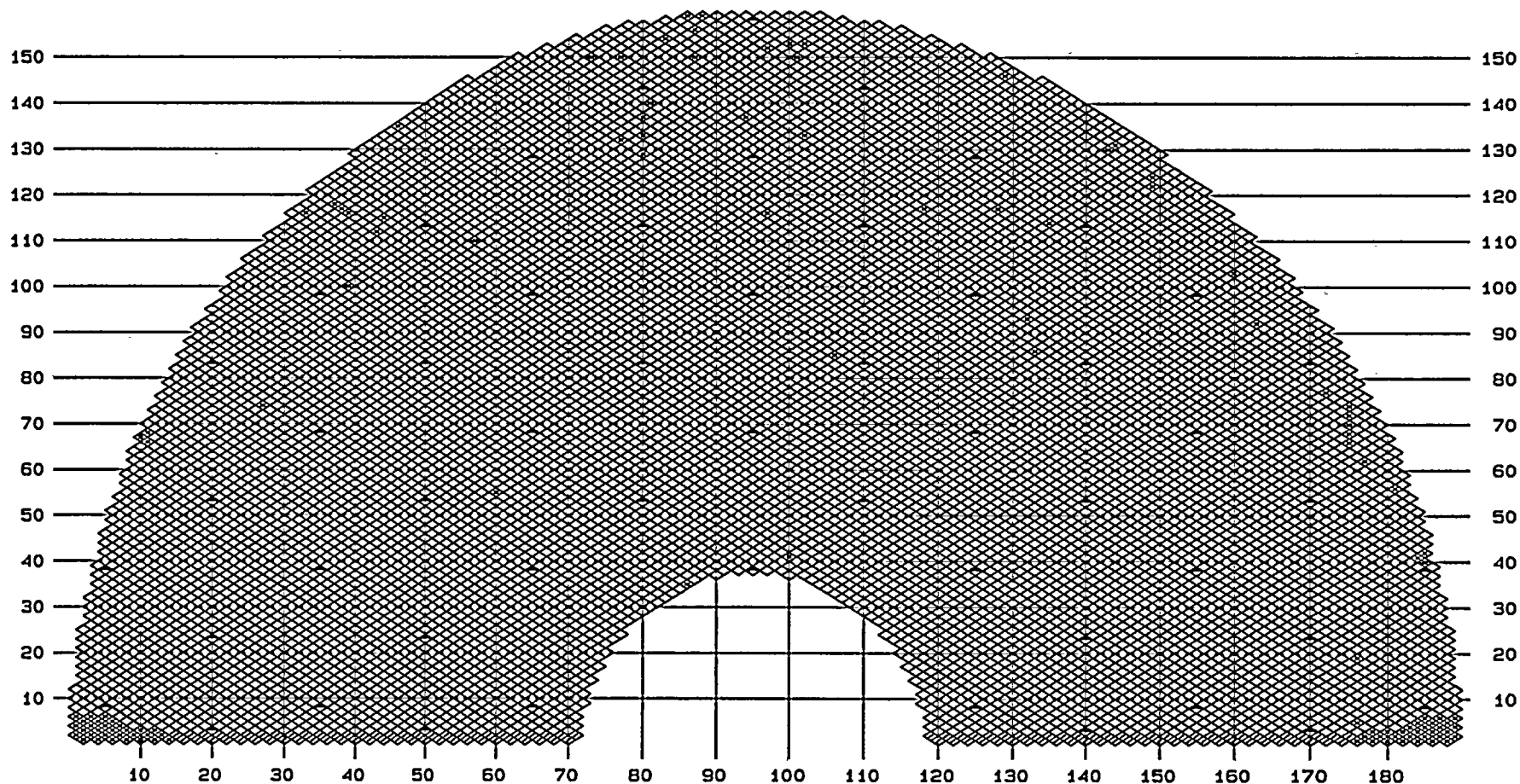
STEAM GENERATOR: 31
EXP6: SCOPE/ANALYZED (ROWS 1&2 RPC)

DATE: 05/16/94
TIME: 09: 47: 30

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 39, 64, 65

STAYS

PLUGGED 121 X 07C-07H 114 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

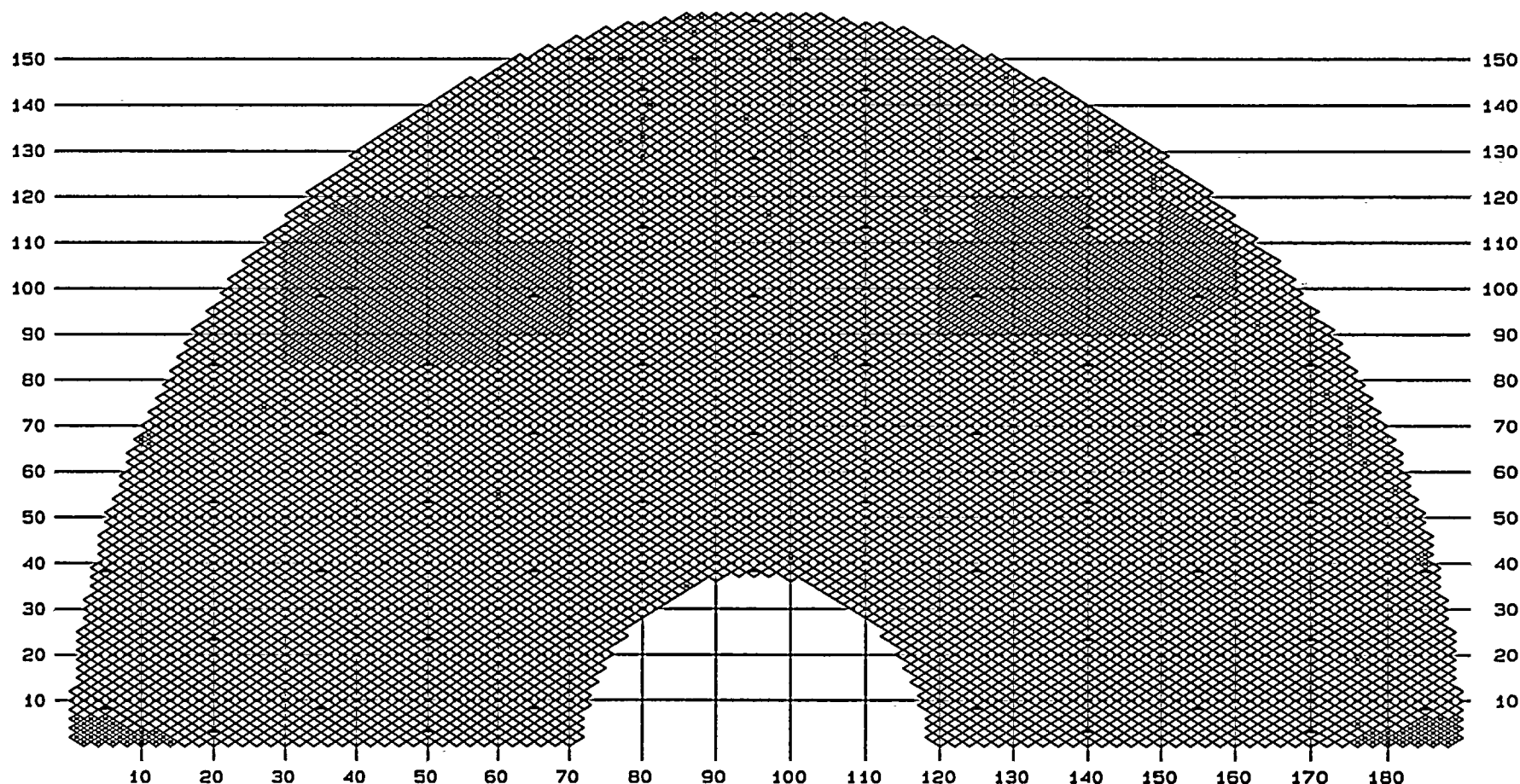
STEAM GENERATOR: 31
EXP8: SCOPE/ANALYZED (BOBBIN POST CHEM CLEAN)

DATE: 05/16/94
TIME: 09: 54: 45

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

STAYS

PLUGGED 121 X TEC-TEH 1142 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
EXP9: SCOPE/ANALYZED (NGI AFTER CLEAN RPC)

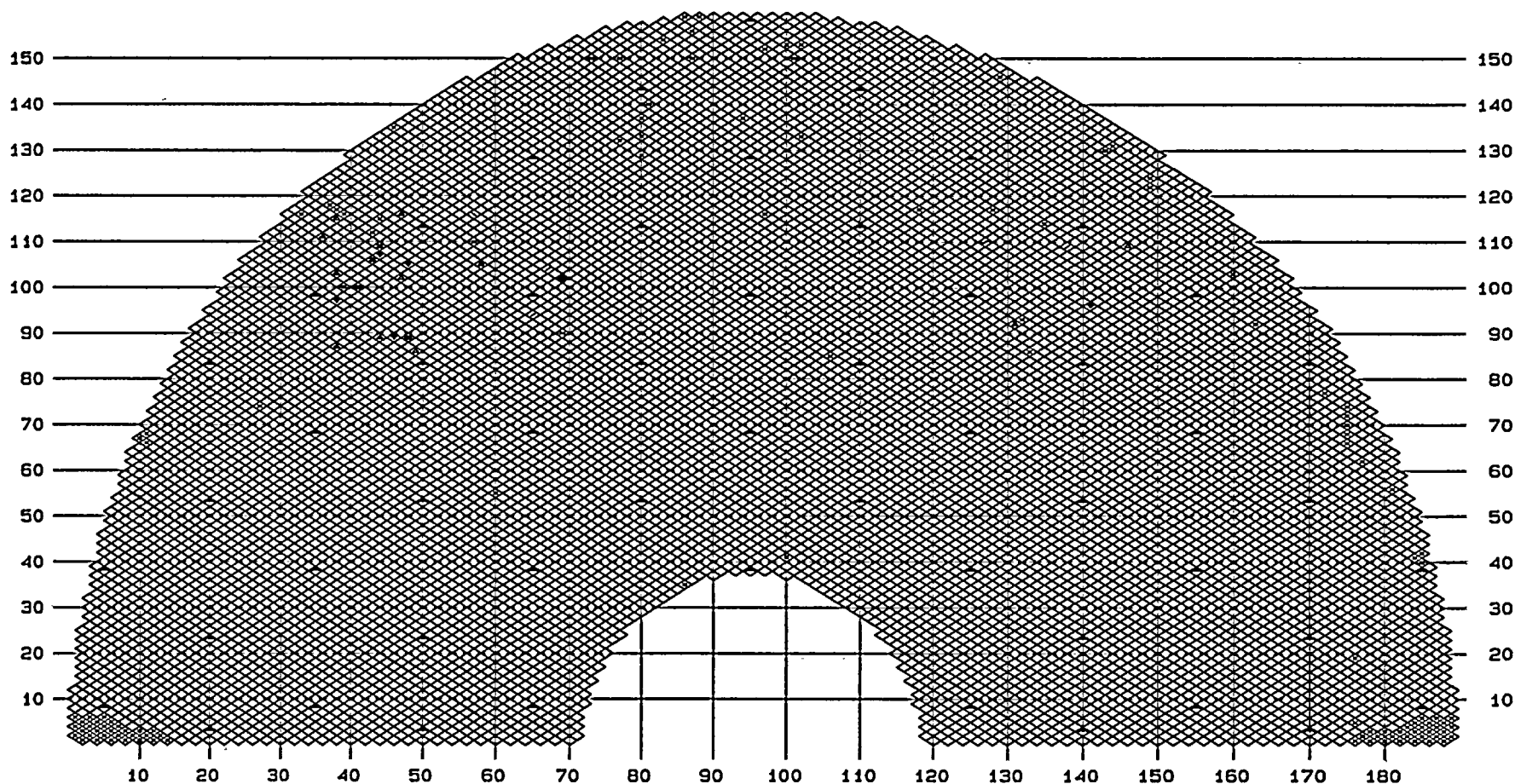
DATE: 05/16/94
TIME: 11: 26: 39

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 68, 69, 72, 73, 74, 84

STAYS Δ

PLUGGED 121 X VS6-BW2 4 / 08H-VS2 1 \ BW1-VS2 4 # 08H-BW1 11 Δ BW1-BW1 5 ∇
 07H-08H 1 X

OTHER 1 \diamond



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

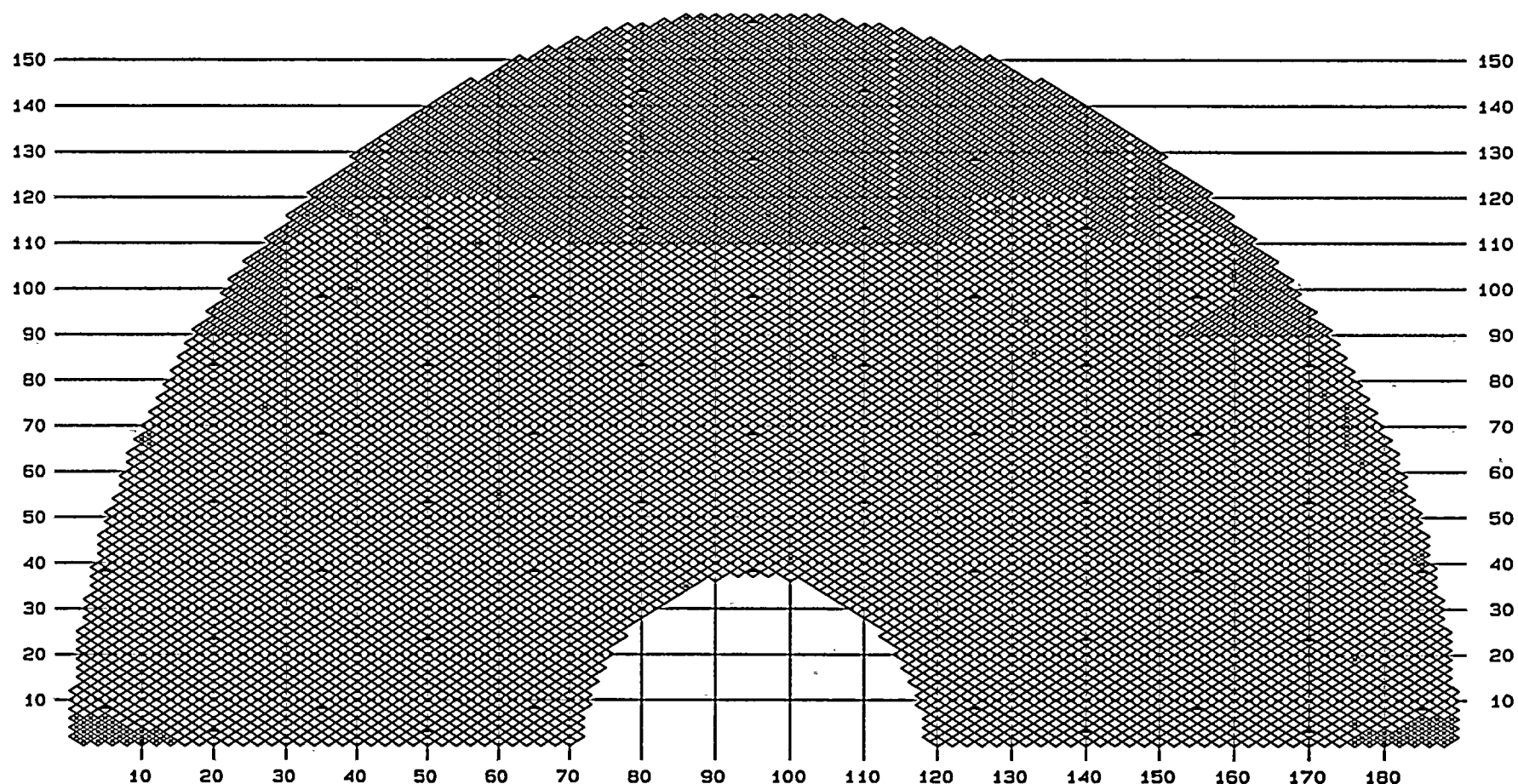
STEAM GENERATOR: 31
EXP10: SCOPE/ANALYZED (POST CHEM CLEAN BOB.)

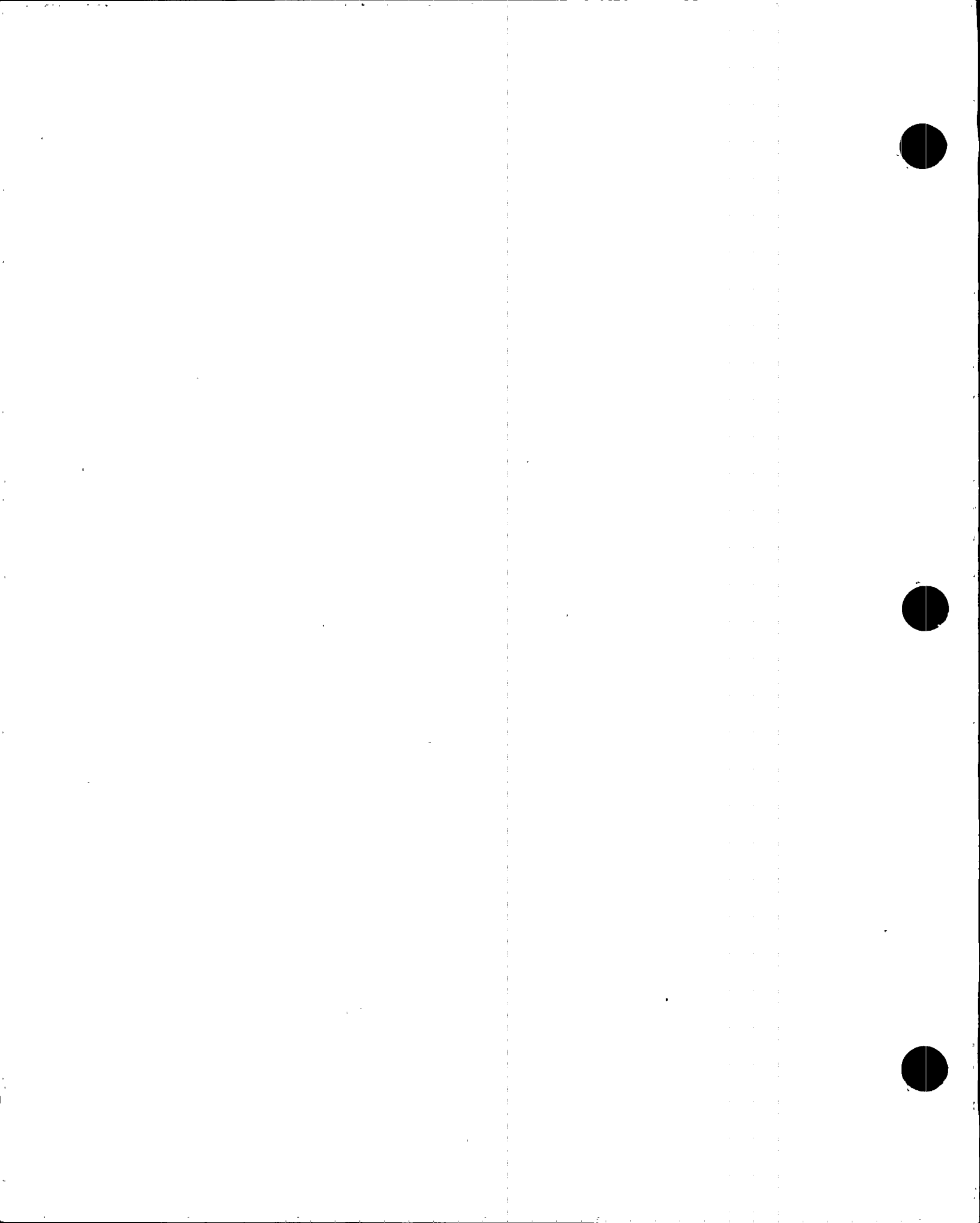
DATE: 05/16/94
TIME: 10:26:23

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 75, 76, 77, 78, 79, 80

STAYS

PLUGGED 121 X TEC-TEH 2171 /





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

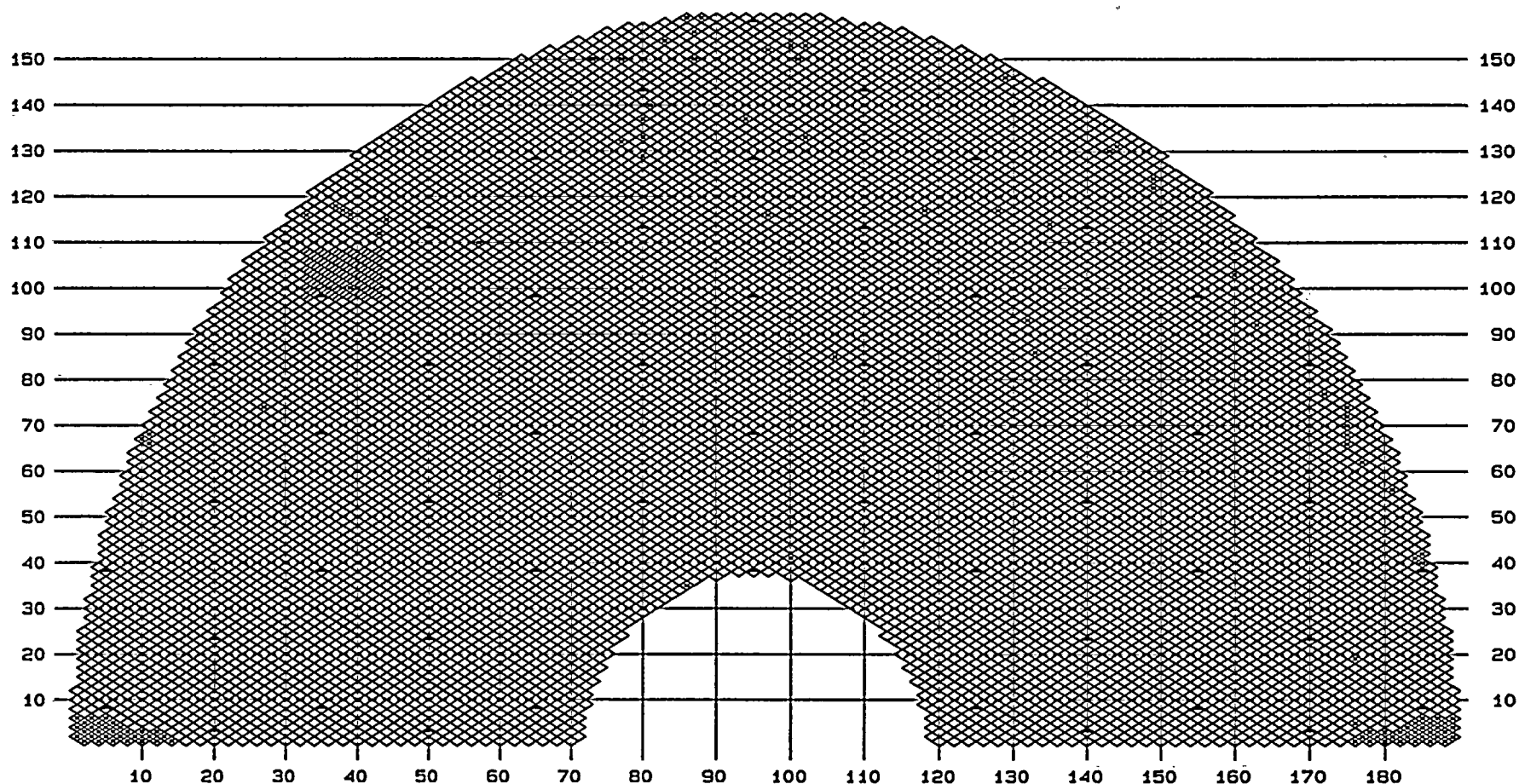
STEAM GENERATOR: 31
EXP11: SCOPE/ANALYZED (SAI BOUNDING RPC)

DATE: 05/16/94
TIME: 10:36:16

CRITERIA: TUBES TO BE EXAMINED IN GROUP(S) 81

STAYS

PLUGGED 121 X 08H-VS3 59 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
EXP12: SCOPE/ANALYZED (NGI AFTER EXP10 RPC)

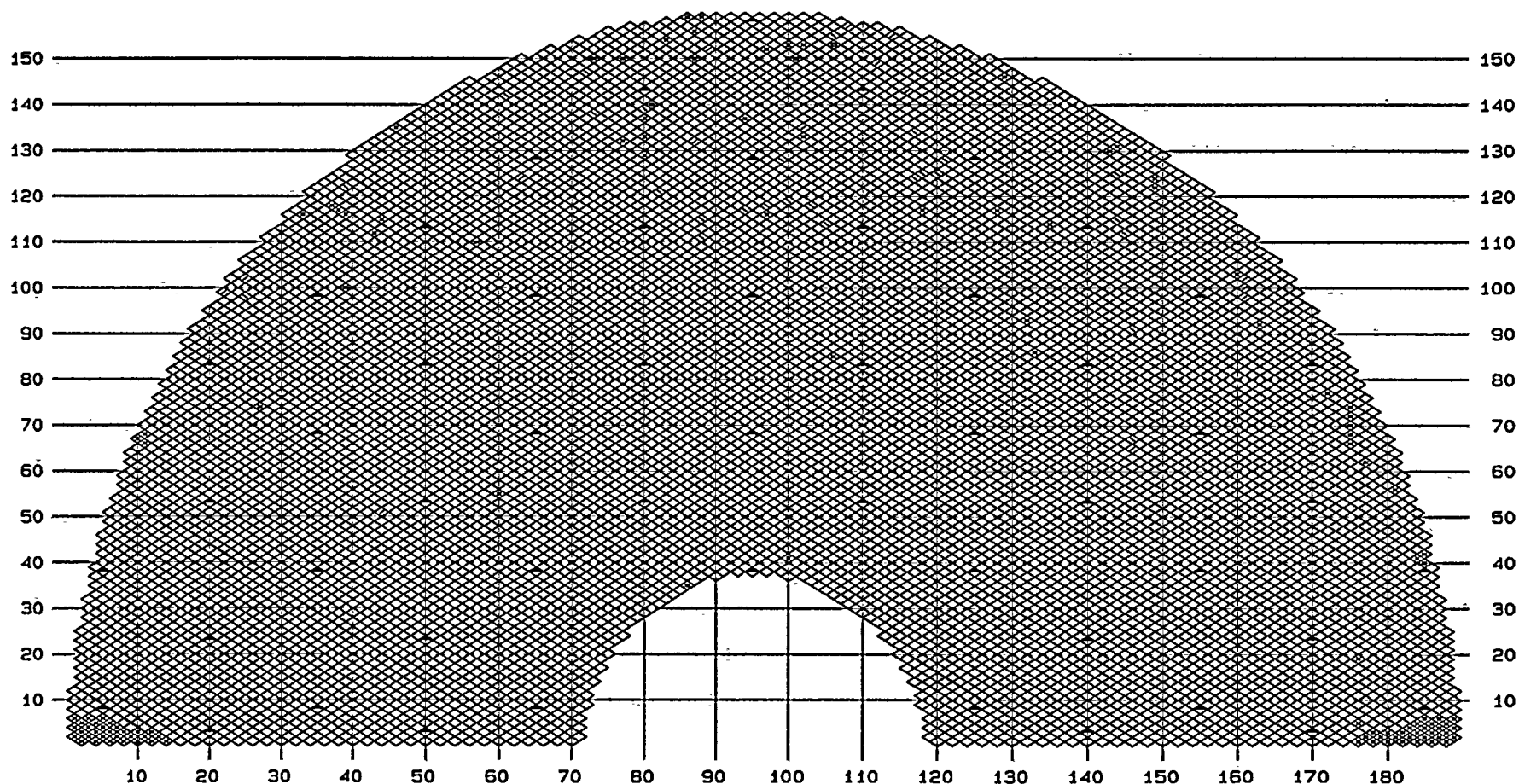
DATE: 05/16/94
TIME: 10: 56: 03

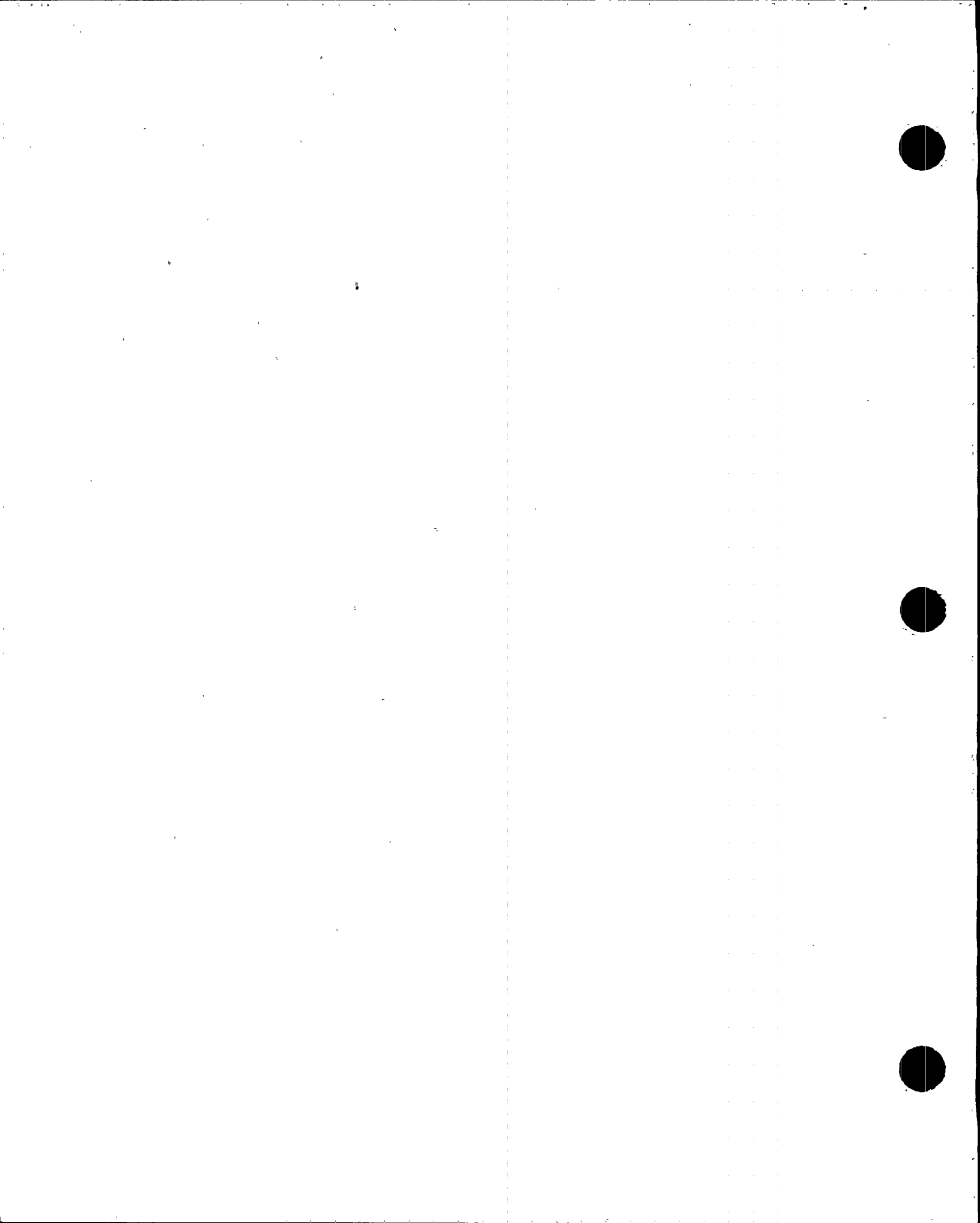
CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 82, 83, 85

STAYS

PLUGGED 121 X Group82 15 / Group83 26 \ Group85 0 ♦

MULTIPLE 1 #





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

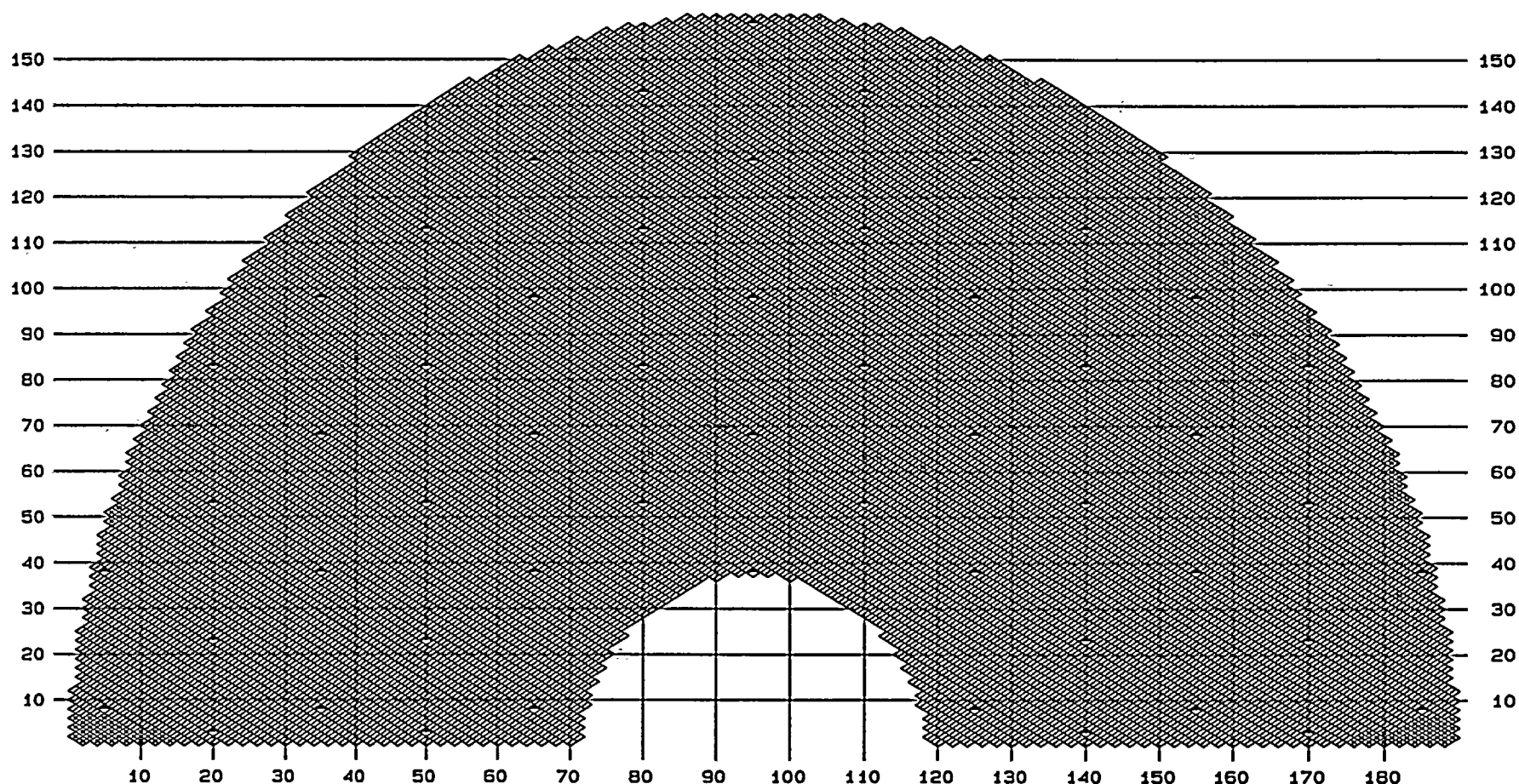
STEAM GENERATOR: 32
ORIGINAL SCOPE/ANALYZED F/L BOBBIN

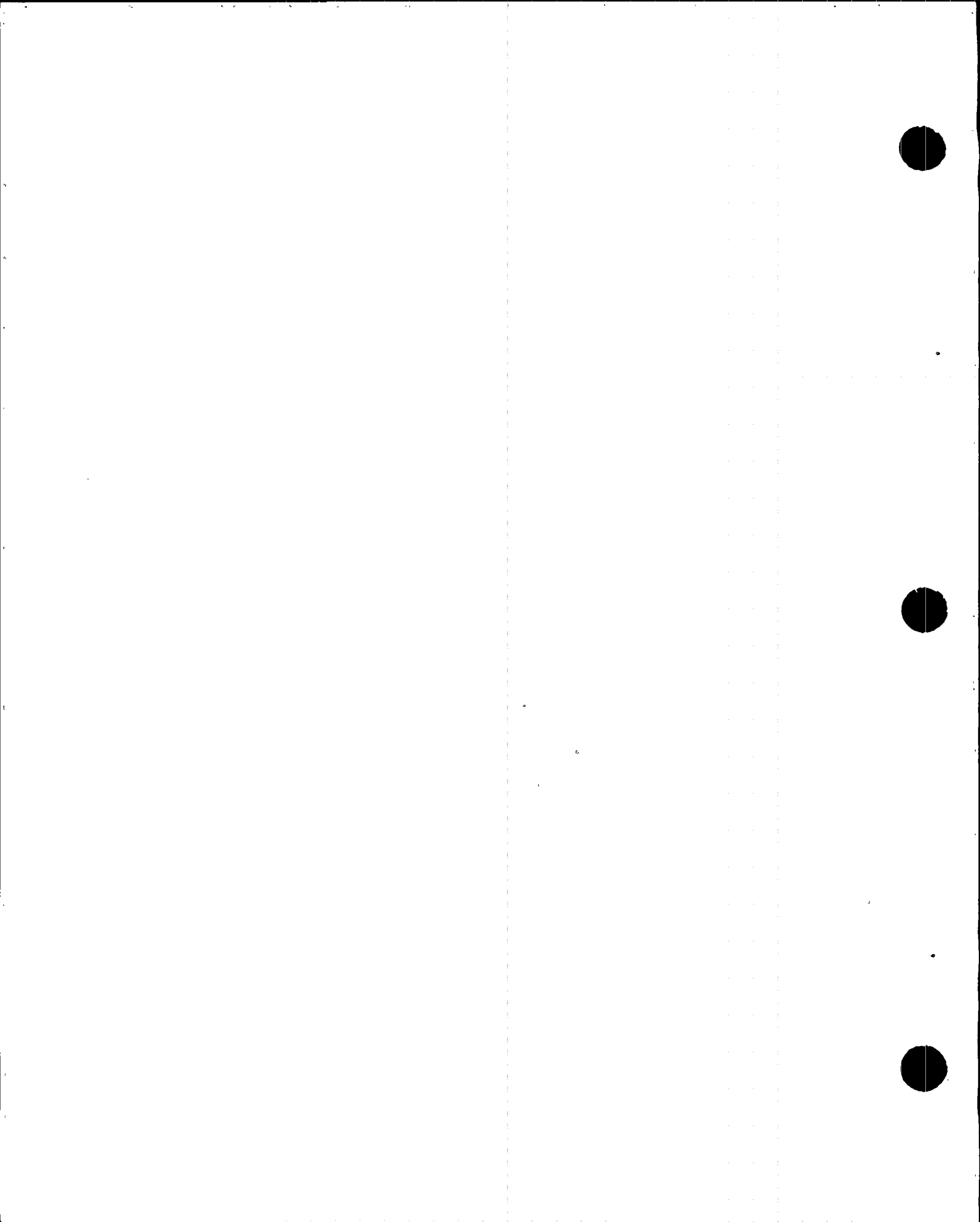
DATE: 05/16/94
TIME: 09: 01: 26

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 73

STAYS

PLUGGED 113 X TEC-TEH 10899 /





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

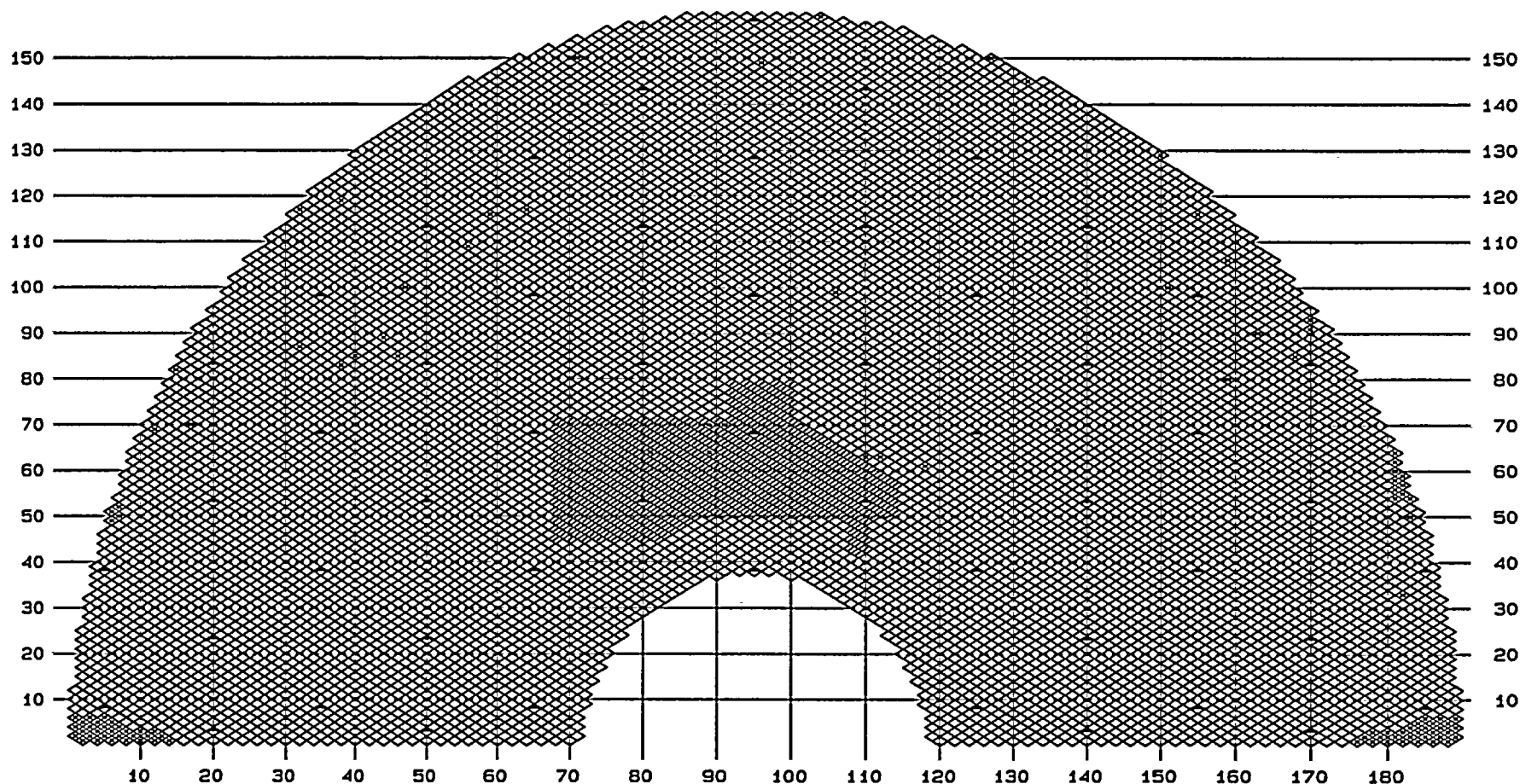
STEAM GENERATOR: 32
ORIGINAL SCOPE/ANALYZED TSH RPC

DATE: 05/16/94
TIME: 09: 25: 33

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 3, 4

STAYS

PLUGGED 113 X TSH-TSH 553 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

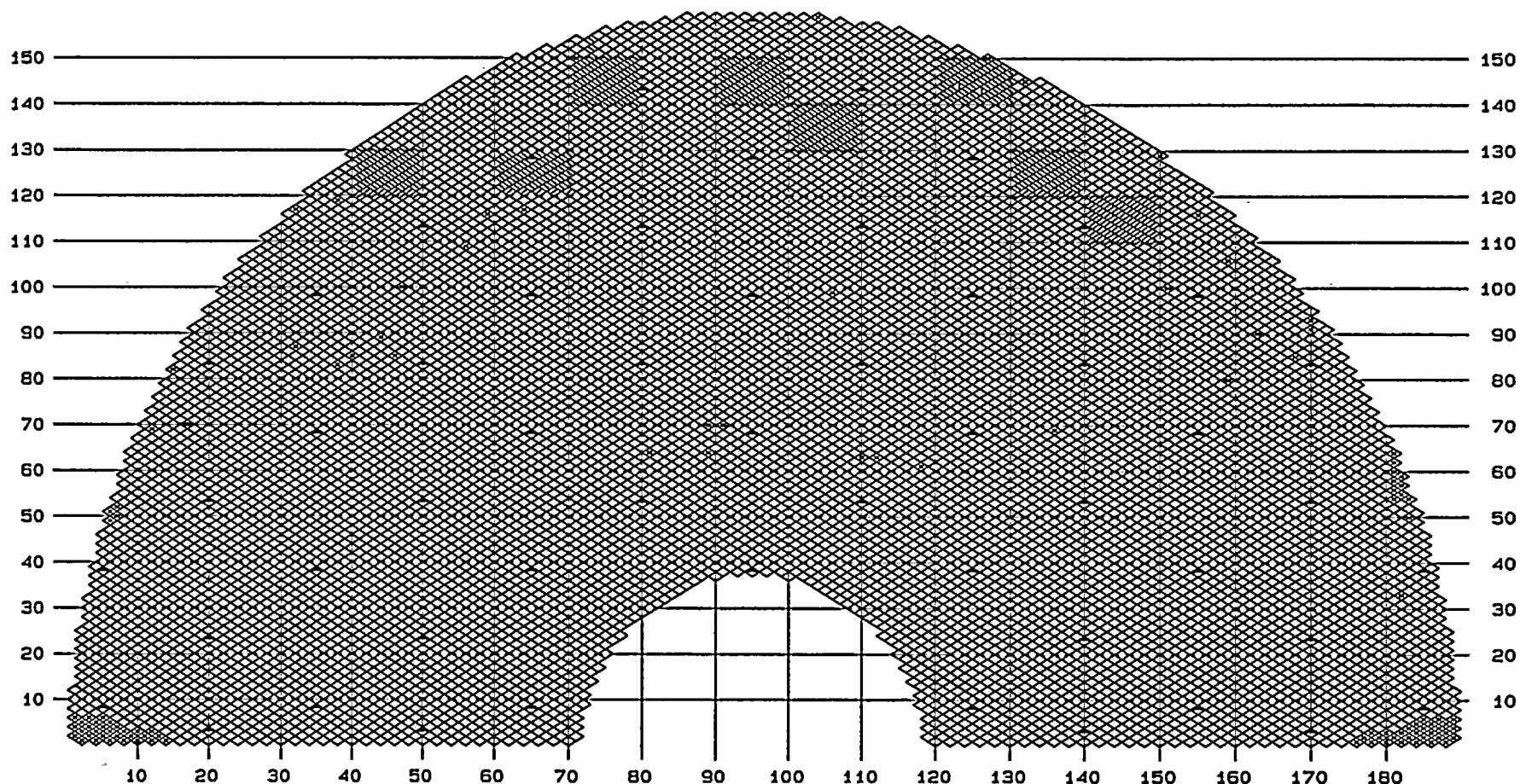
STEAM GENERATOR: 32
ORIGINAL SCOPE/ANALYZED UBEND RPC

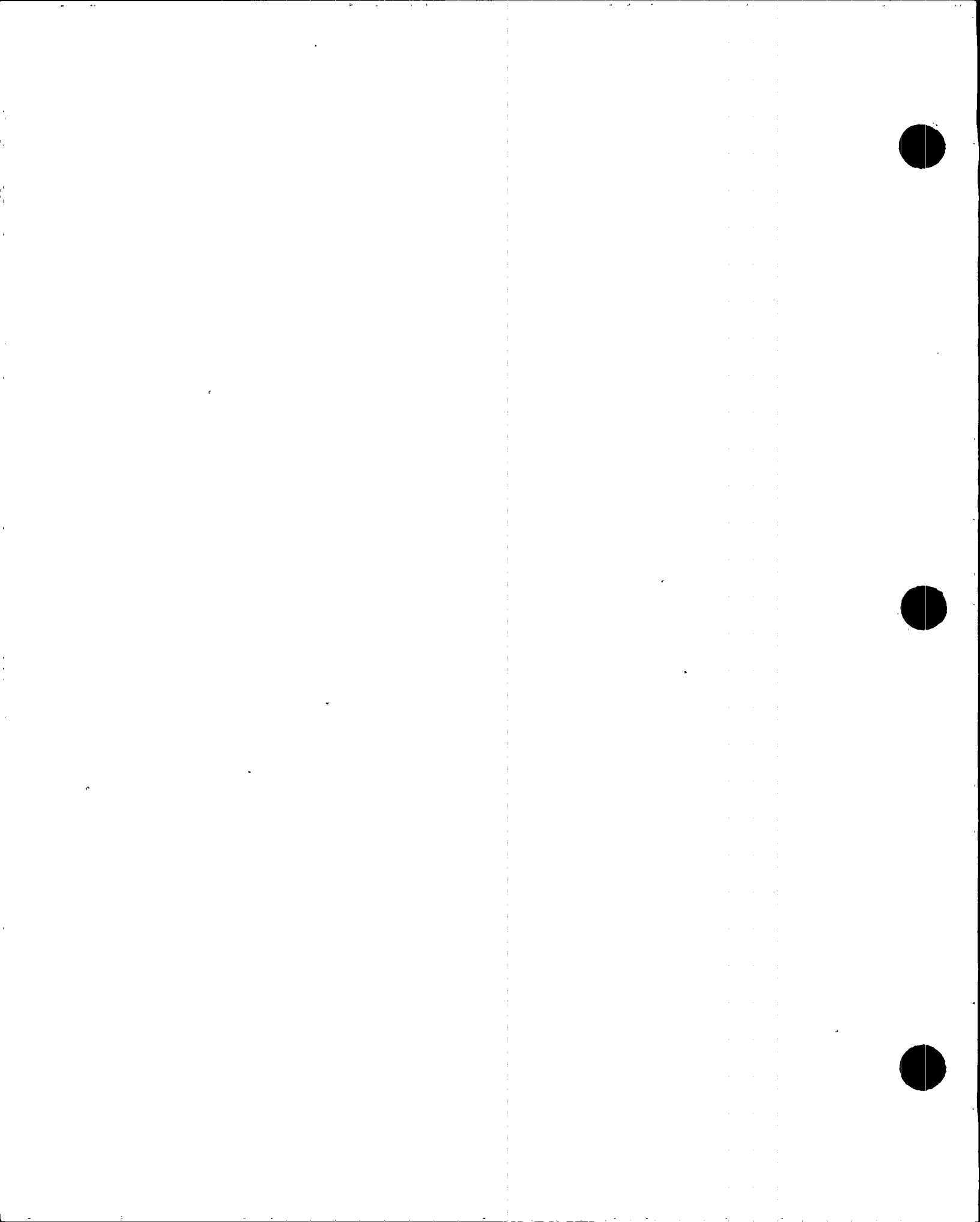
DATE: 05/16/94
TIME: 09: 31: 15

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 2, 5, 6, 7, 8

STAYS

PLUGGED 113 X 08H-VS3 2 I 08H-VS2 73 / 08H-VS1 316 \





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
EXP1: SCOPE/ANALYZED SPECIAL INTEREST RPC

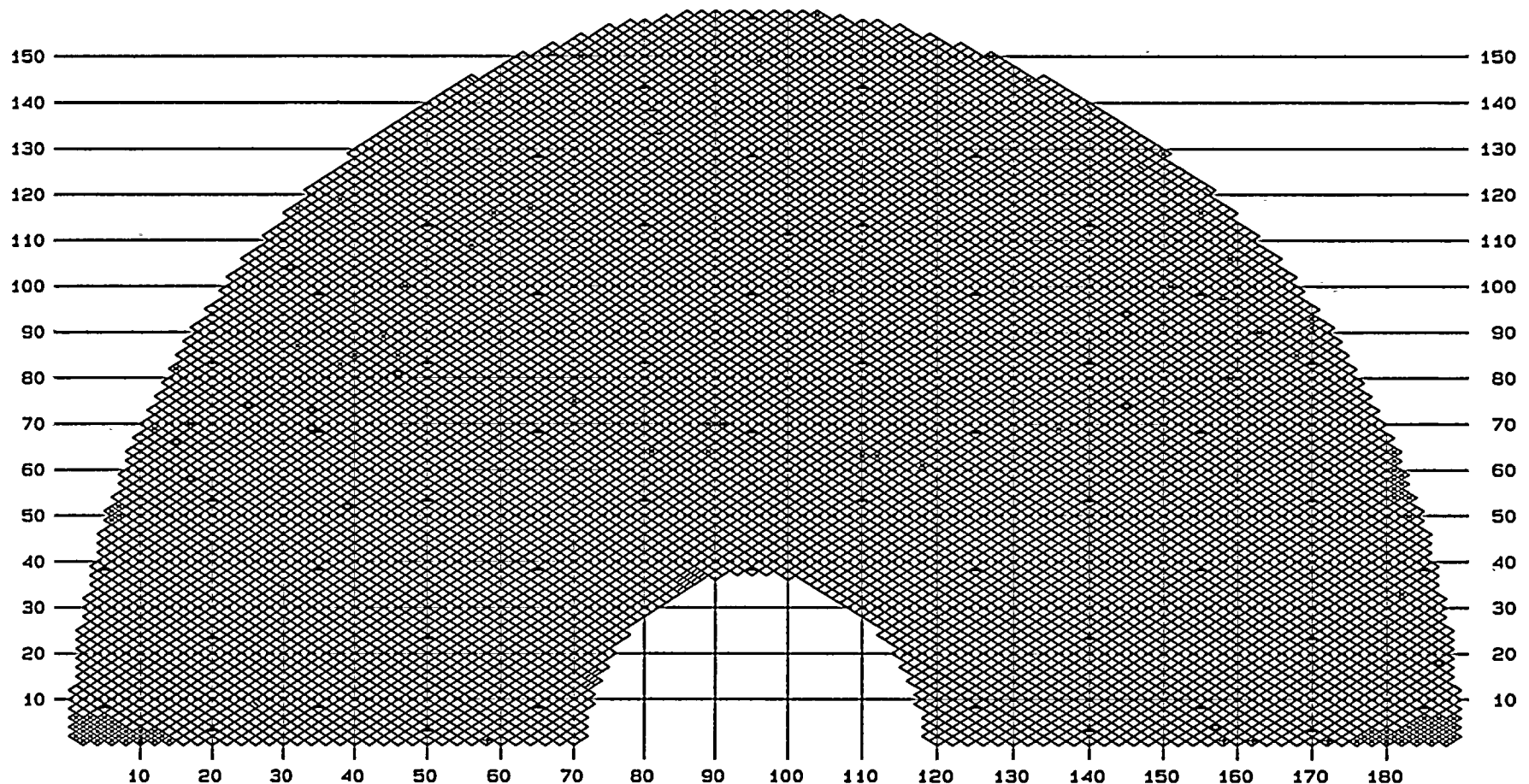
DATE: 05/16/94
TIME: 12:31:59

COLD LEG - VARIOUS LENGTHS

STAYS ▲

PLUGGED 113 X Group30 5 \ Group32 11 / Group46 12 O Group50 4 - Group59 0 # Group62 1 X Group64 4 +

MULTIPLE 1 -



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

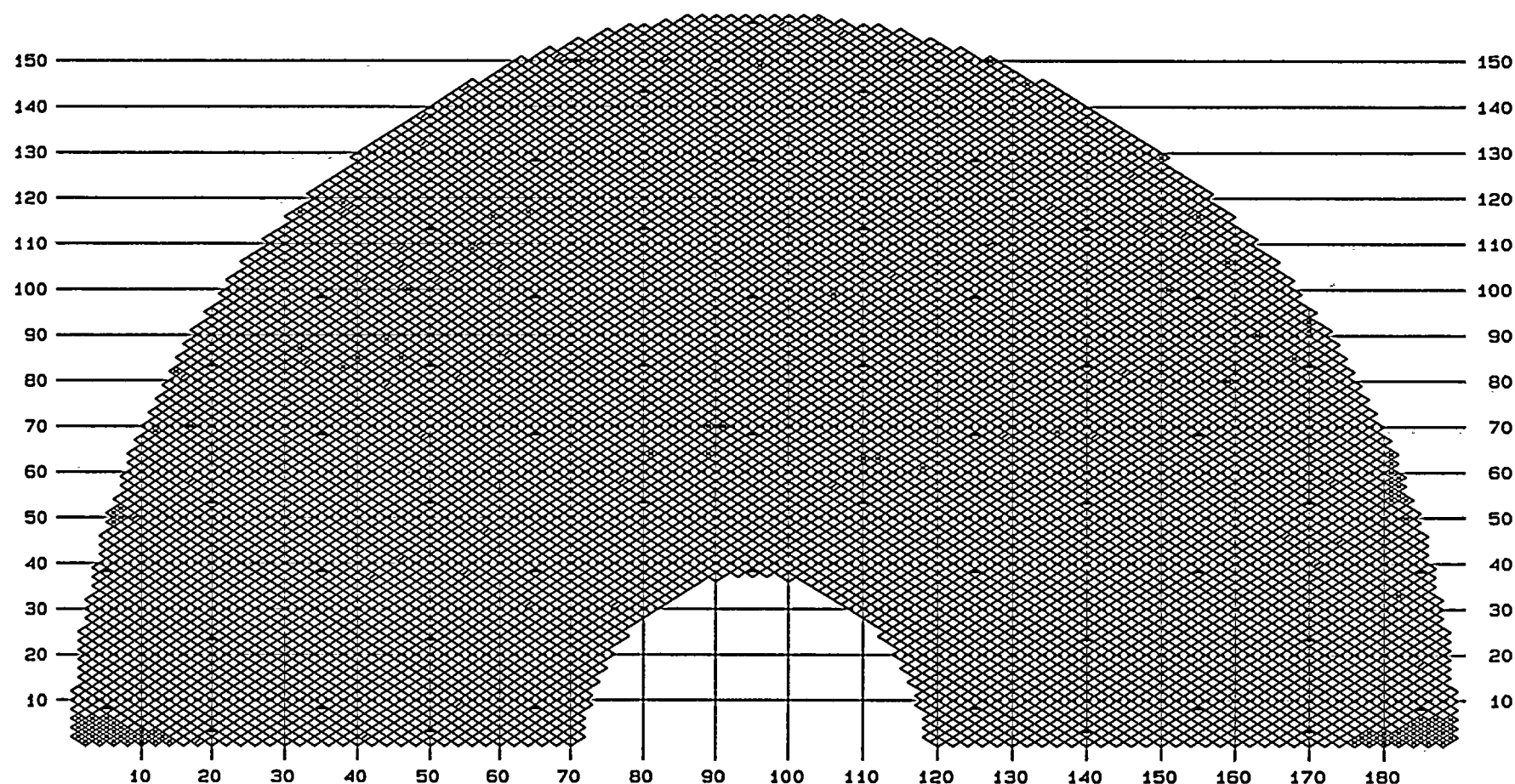
STEAM GENERATOR: 32
EXP1: SCOPE/ANALYZED SPECIAL INTEREST RPC

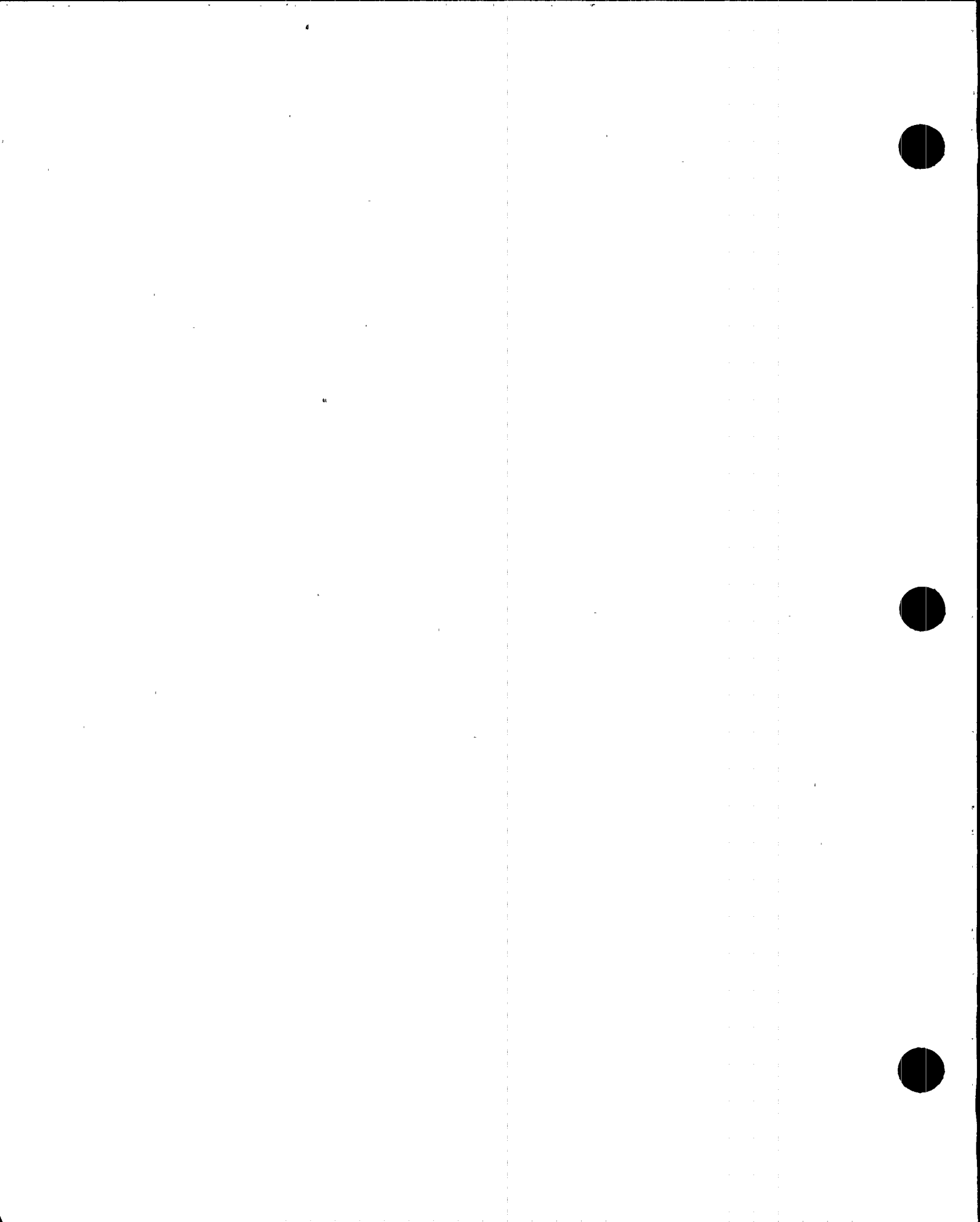
DATE: 05/16/94
TIME: 12:16:50

HOT LEG - 01H-01H

STAYS

PLUGGED 113 X 01H-01H 55 /





04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
EXP1: SCOPE/ANALYZED SPECIAL INTEREST RPC

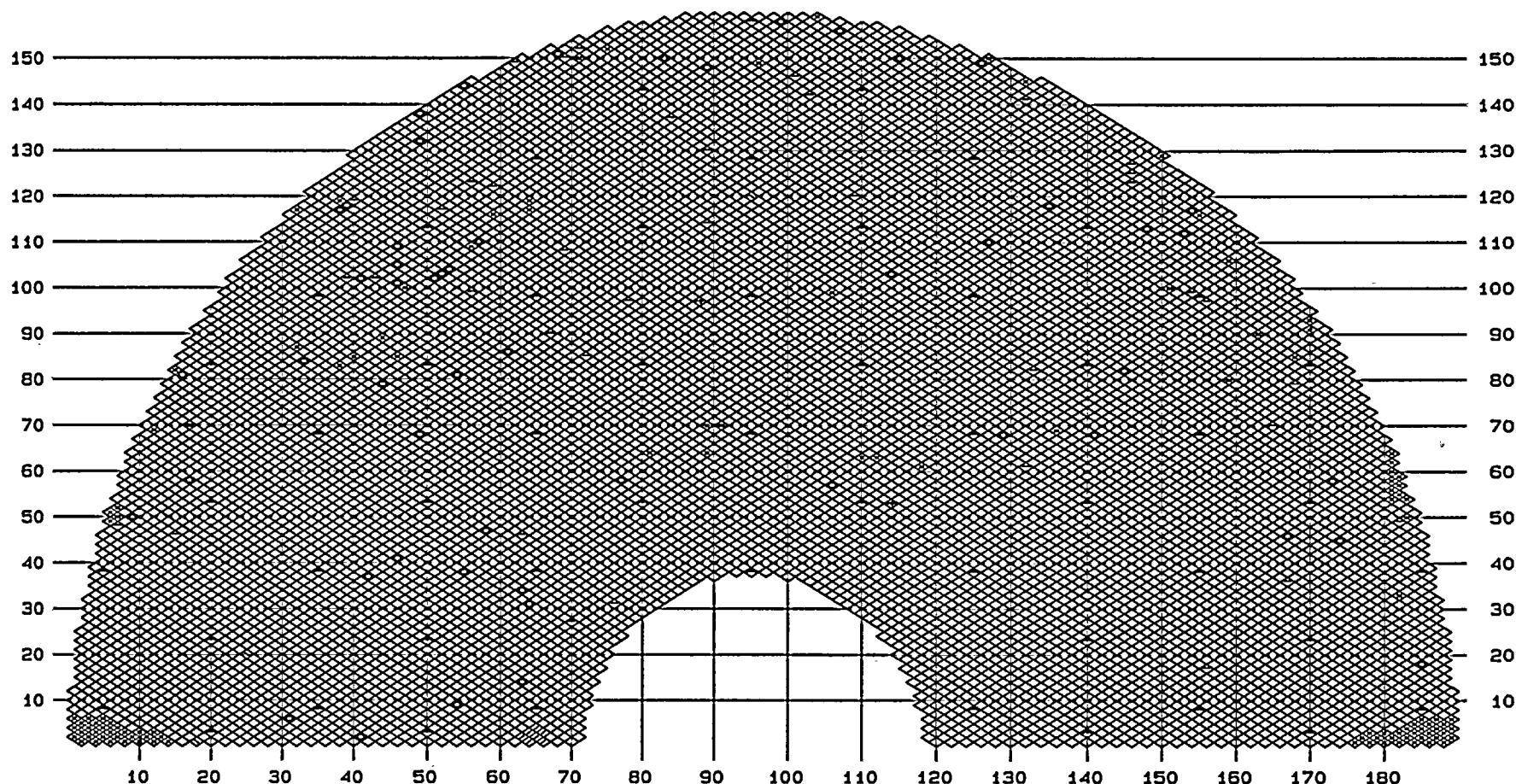
DATE: 05/16/94
TIME: 12: 27: 44

HOT LEG VARIOUS - LENGTHS

STAYS ▲

PLUGGED 113 X Group29 3 \ Group31 7 / Group44 53 O Group47 35 - Group58 0 # Group60 2 X Group72 2 +

MULTIPLE 3 -



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

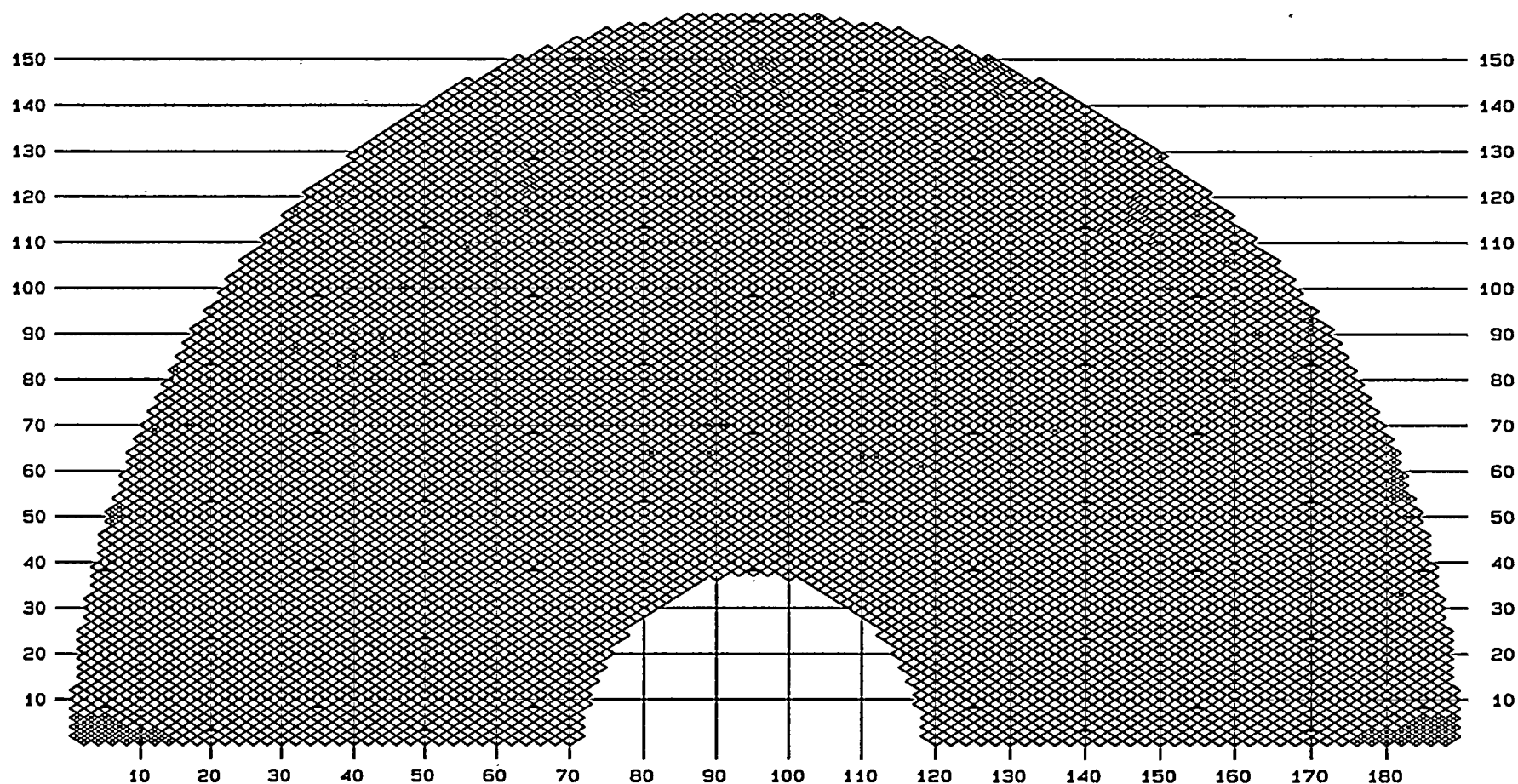
STEAM GENERATOR: 32
EXP2: SCOPE/ANALYZED AFTER CLEANING RPC

DATE: 05/16/94
TIME: 11: 27: 27

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 39

STAYS

PLUGGED 113 X 08H-VS2 11 / 08H-VS1 49 \



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

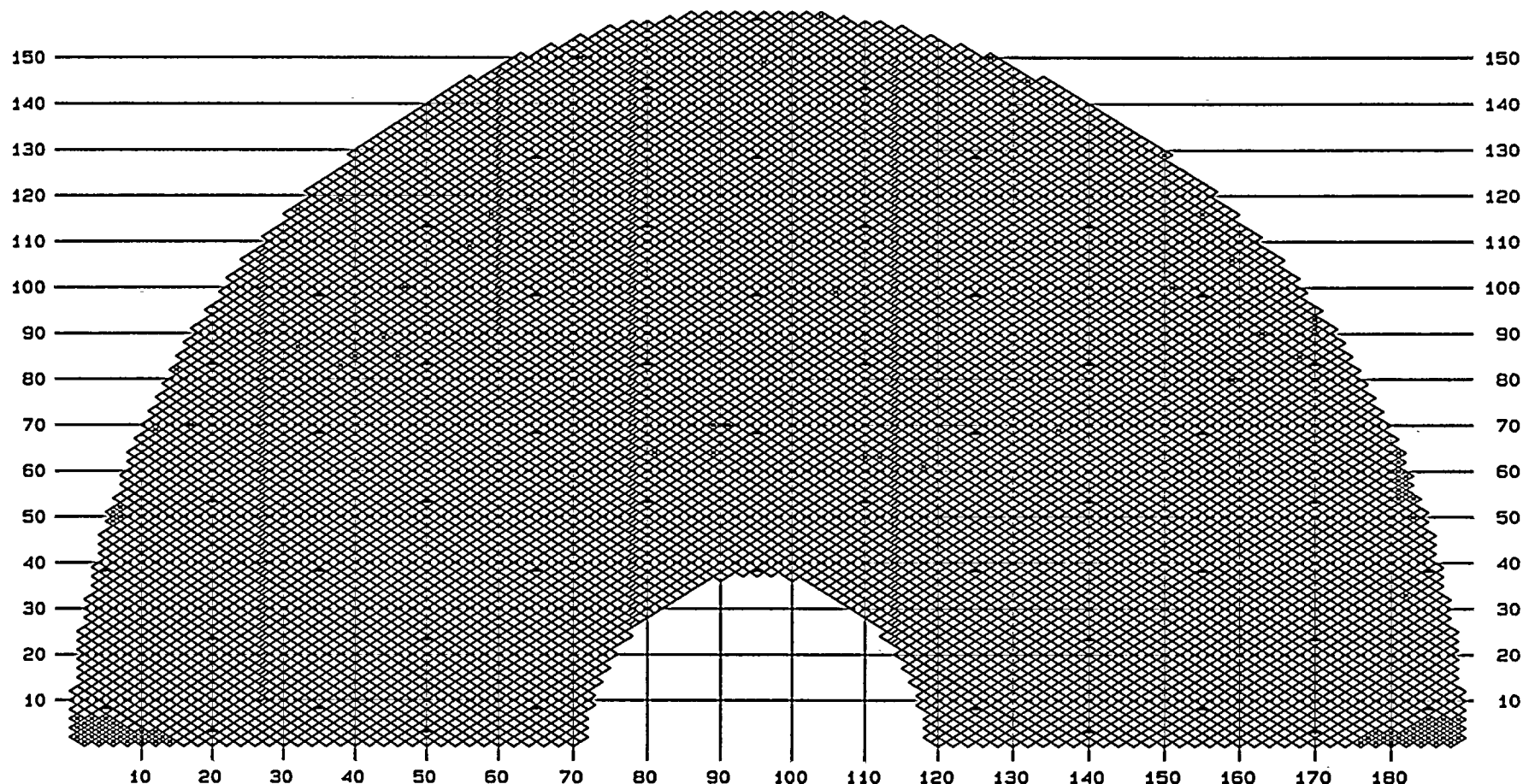
STEAM GENERATOR: 32
EXP3: SCOPE/ANALYZED AFTER SLUDGE LANCE BOBBIN

DATE: 05/16/94
TIME: 11: 23: 11

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 54

STAYS

PLUGGED 113 X TEC-TEH 205 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

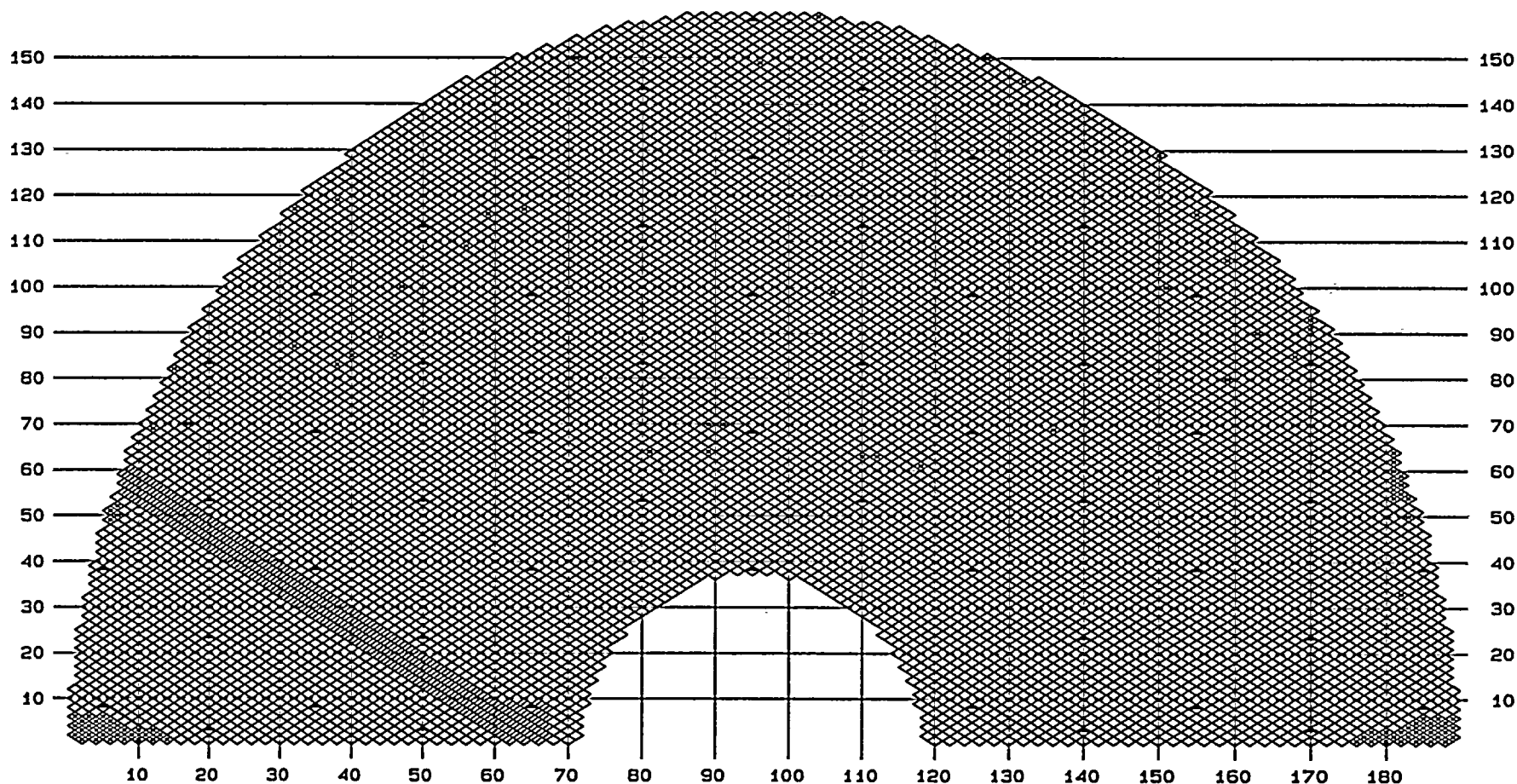
STEAM GENERATOR: 32
EXP4: SCOPE/ANALYZED LOOSE PART BOBBIN

DATE: 05/16/94
TIME: 11: 30: 41

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 38

STAYS

PLUGGED 113 X TEH-01H 241 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

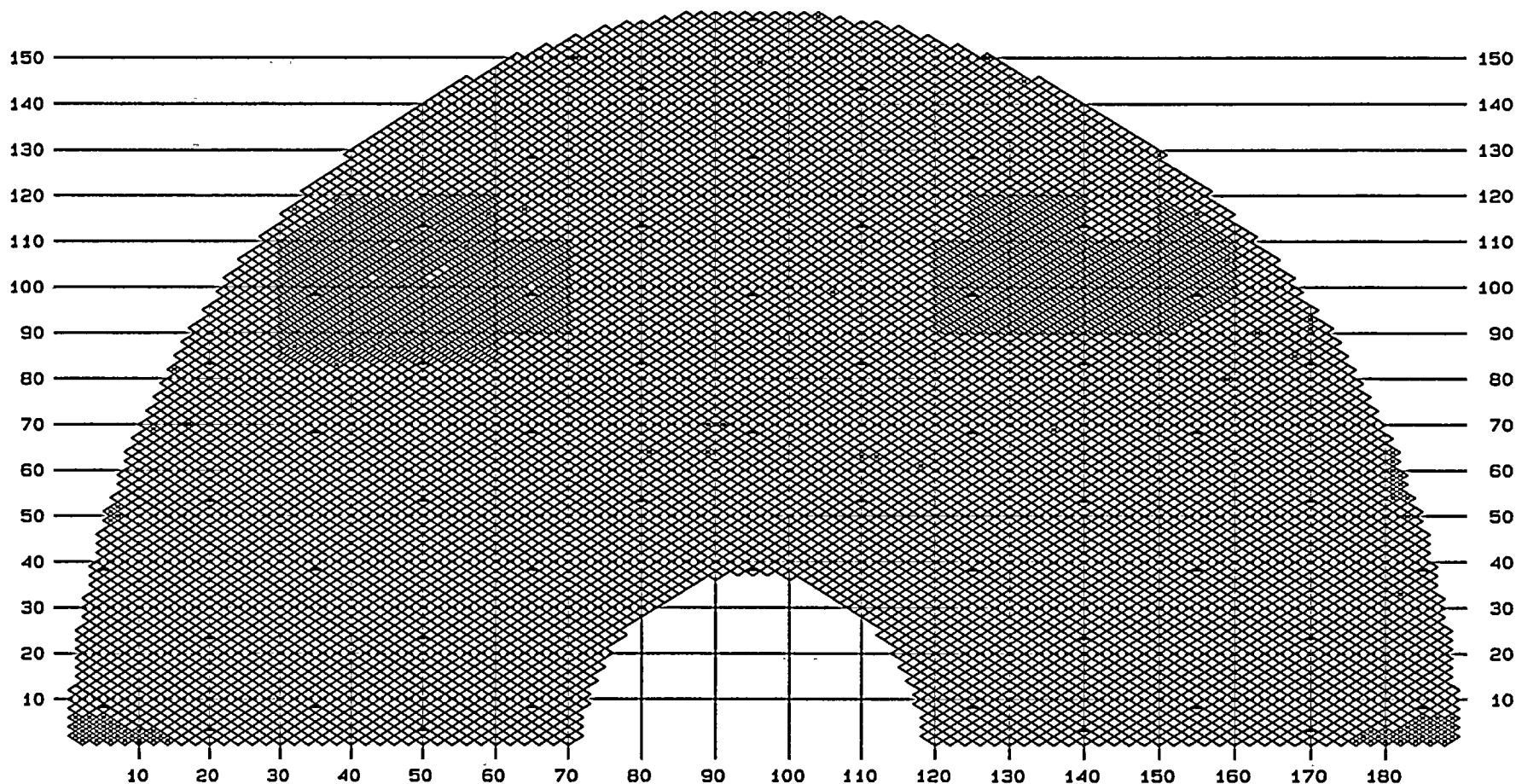
STEAM GENERATOR: 32
EXP5: SCOPE/ANALYZED SAI BOUNDING RPC

DATE: 05/16/94
TIME: 11: 37: 47

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 55, 61, 65, 66, 69, 70, 71

STAYS

PLUGGED 113 X 08H-VS5 45 / 08H-VS3 1091 \ 07H-VS3 1 X



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

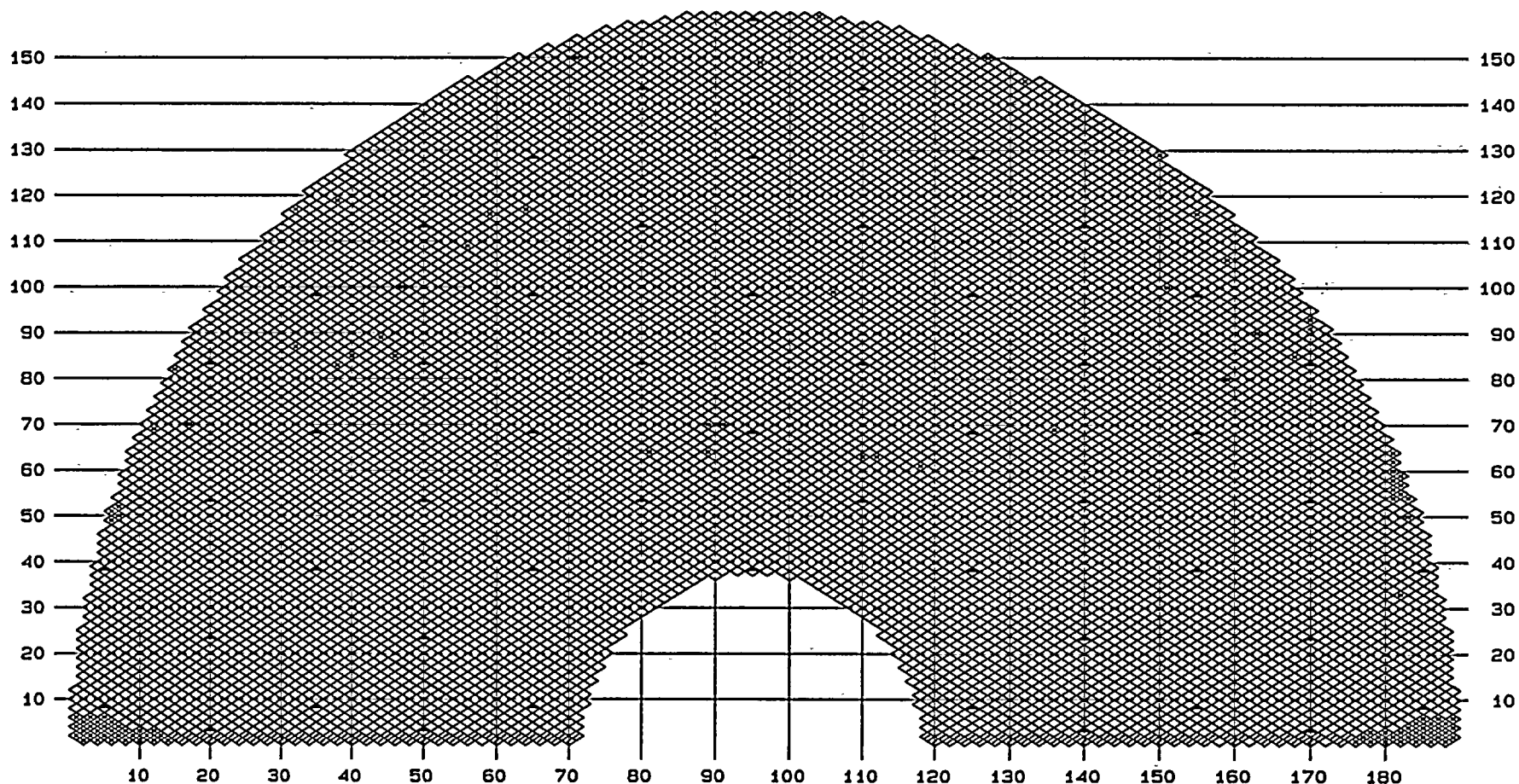
STEAM GENERATOR: 32
EXP6: SCOPE/ANALYZED ROWS 1&2 RPC

DATE: 05/16/94
TIME: 11: 42: 40

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 35, 63

STAYS

PLUGGED 113 X 07C-07H 110 /



04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
EXP7: SCOPE/ANALYZED RE-EVAL I-CODES RPC

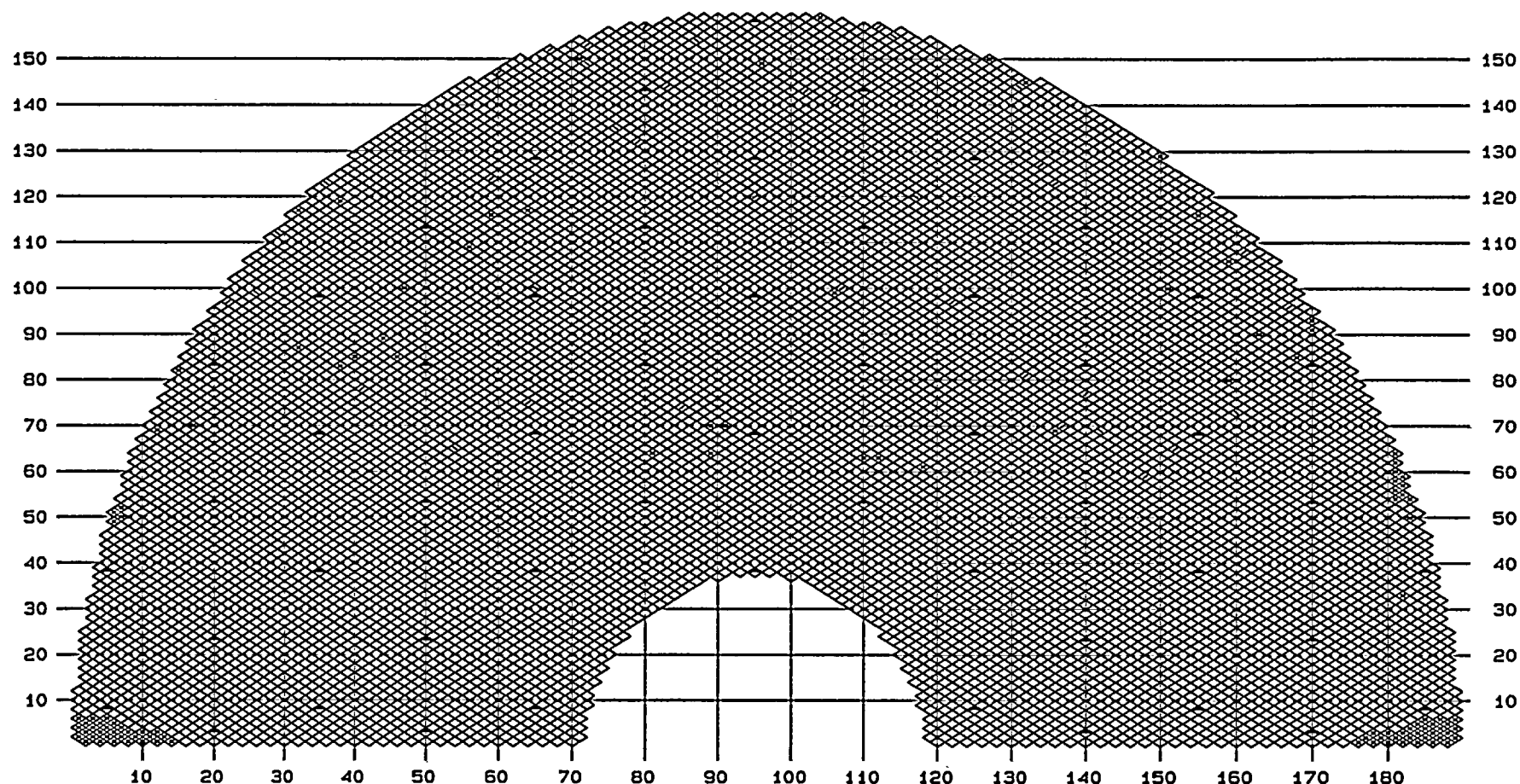
DATE: 05/16/94
TIME: 11: 46: 00

CRITERIA: TUBES TO BE EXAMINED IN GROUP (S) 67, 68

STAYS

PLUGGED 113 X Group67 26 / Group68 13 \

MULTIPLE 0 -





APPENDIX E

SUMMARY DATA SHEETS PLP

CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3.

STEAM GENERATOR : 31
DATA SET : CURRENT
EXAMINATION VARIABLES: Percent

PAGE: 1 OF 1
DATE: 08/03/94
TIME: 09:44:23

		EXAM EXTENT						CURRENT							12/93				
ROW	LIN	LEG	PROGRAM	ACTUAL	EXP	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
144	133																		NDD
		C	TEC-TEH	TEC-TEH		00045	610MF	TSC+ 0.74	1.02		0	PLP	8						
								TSC+ 0.33							1.52		0	PLP	11
145	134							TSC+ 0.73							1.56		0	PLP	11
								TSC+ 0.66							2.80		0	PLP	8
		C	TEC-TEH	TEC-TEH		00045	610MF	TSC+ 0.64	1.37		0	PLP	8						
2	149	H	TSH-01H	TSH-01H	1	00124	600AC	TSH+ 0.18	2.93		0	PLP	11						
								TSH+ 0.24							1.67		0	PLP	11
4	149	H	TSH-01H	TSH-01H	1	00124	600AC	TSH+ 1.14	0.89		0	PLP	11						
		H	TEH-07H	TEH-07H		00108	610MF	TSH+ 1.28	0.35		0	PLP	8						
								TSH+ 1.50							0.80		0	PLP	11
3	150	H	TSH-01H	TSH-01H	1	00124	600AC	TSH+ 0.15	2.62		0	PLP	11						
								TSH+ 0.18							1.30		0	PLP	11
								TSH+ 0.19							1.34		0	PLP	11
		H	TSH-01H	TSH-01H	1	00124	600AC	TSH+ 0.98	1.60		0	PLP	11						
								TSH+ 1.02							1.34		0	PLP	11
								TSH+ 1.07							1.14		0	PLP	11

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 5

NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 7

NO TREND ANALYSIS REQUESTED

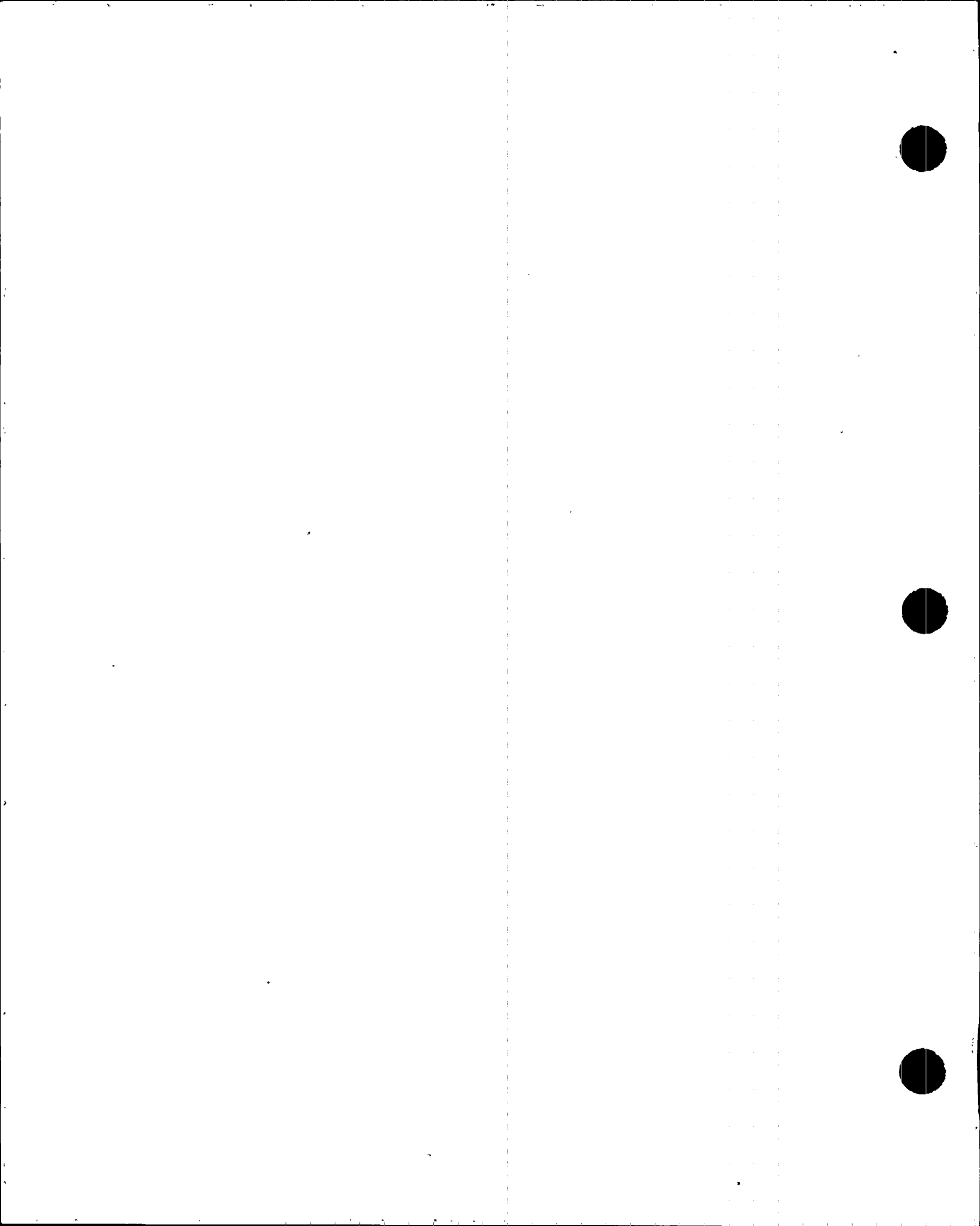
DATA SELECTION CRITERIA:

Percent: PLI,PLP

REPORT OPTIONS:

Only examination results matching criteria are included.

Only historical results for tubes selected from current exam are included



CUMULATIVE REPORT
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR : 32
DATA SET : CURRENT
ION VARIABLES: Percent

PAGE: 1 OF 1
DATE: 08/03/94
TIME: 09:48:39

ROW	LIN	LEG	EXAM EXTENT			EXP	CAL	PROBE	LOCATION	CURRENT					12/93					
			PROGRAM	ACTUAL						VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
1	64								TSH+ 0.17to+ 0.89							1.51		0	PLP	11
									TSH+ 0.36							0.64		0	PLP	11
									TSH+ 1.34							0.84		0	PLP	11
		H	TEH-07C	TEH-BW1		00017	610MF	TSH+ 1.66	2.62		0	PLP	8							
2	65								TSH+ 1.49							1.21		0	PLP	11
		H	TEH-07C	TEH-07C		00011	580MF	TSH+ 1.78	1.00		0	PLP	8	YES						
		H	TEH-07C	TEH-BW1		00017	610MF	TSH+ 1.81	4.14		0	PLP	8	YES						
14	73																		NDD	
		C	TEC-TEH	TEC-TEH		00021	610MF	02C+ 36.29	4.61		0	PLP	8	YES						
35	86																		NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	01C+ 4.53	1.31		0	PLP	8	YES						
36	87																		NDD	
		C	TEC-TEH	TEC-TEH		00019	610MF	01C+ 4.42	1.53		0	PLP	8	YES						

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 5
NUMBER OF DATA RECORDS SELECTED FROM CURRENT OUTAGE: 6

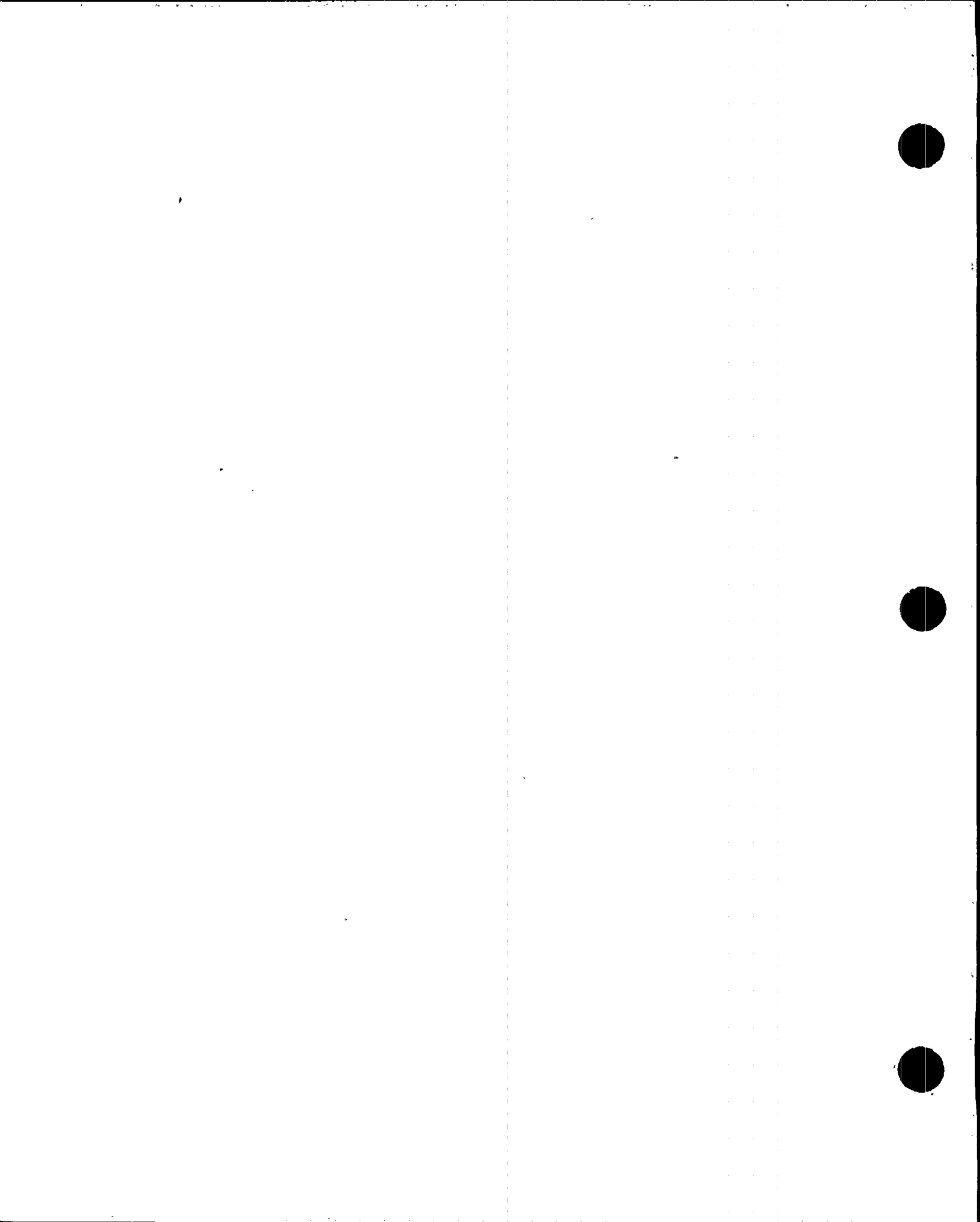
TREND ANALYSIS SUMMARY:

CRITERION	COUNT	% OF TUBES EVALUATED
CALL / NO CALL	5	<1
INDICATION CODES DIFFER	0	0
PLUGGABLE OR CHANGE IN DEPTH INDICATION	0	0
DEPTH RANGE CHANGE		
1% - 100% 5%		

TOTAL 5
NOTE: LOCATIONS DIFFERING BY 1.0 INCHES CONSIDERED THE SAME

DATA SELECTION CRITERIA:
Percent: PLI,PLP

REPORT OPTIONS:
Only examination results matching criteria are included
Only historical results for tubes selected from current exam are included



APPENDIX F

TUBE PLUG MAP

04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
OUTAGE DATA SET : CURRENT
Percent: TBP

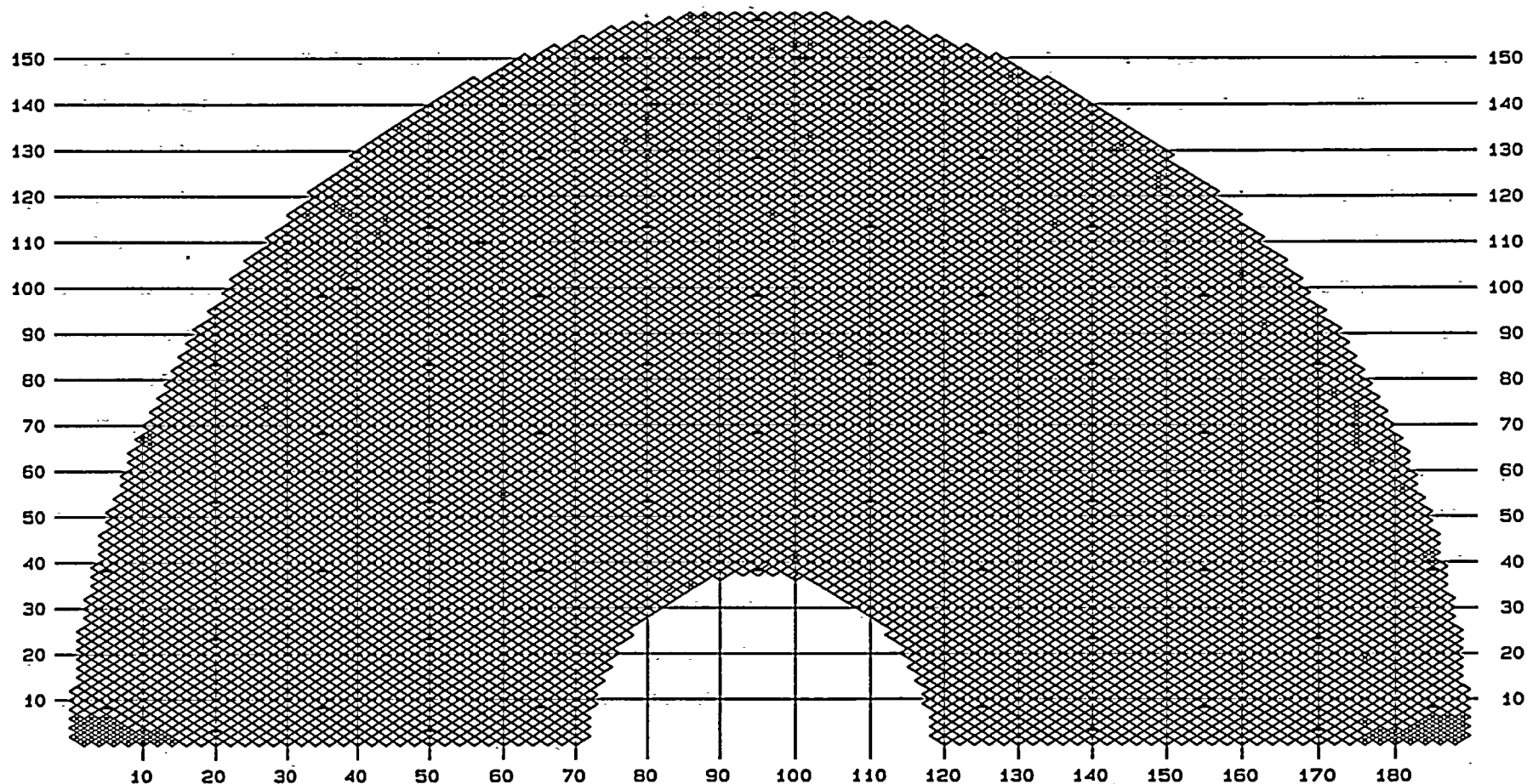
DATE: 05/16/94
TIME: 11:53:33

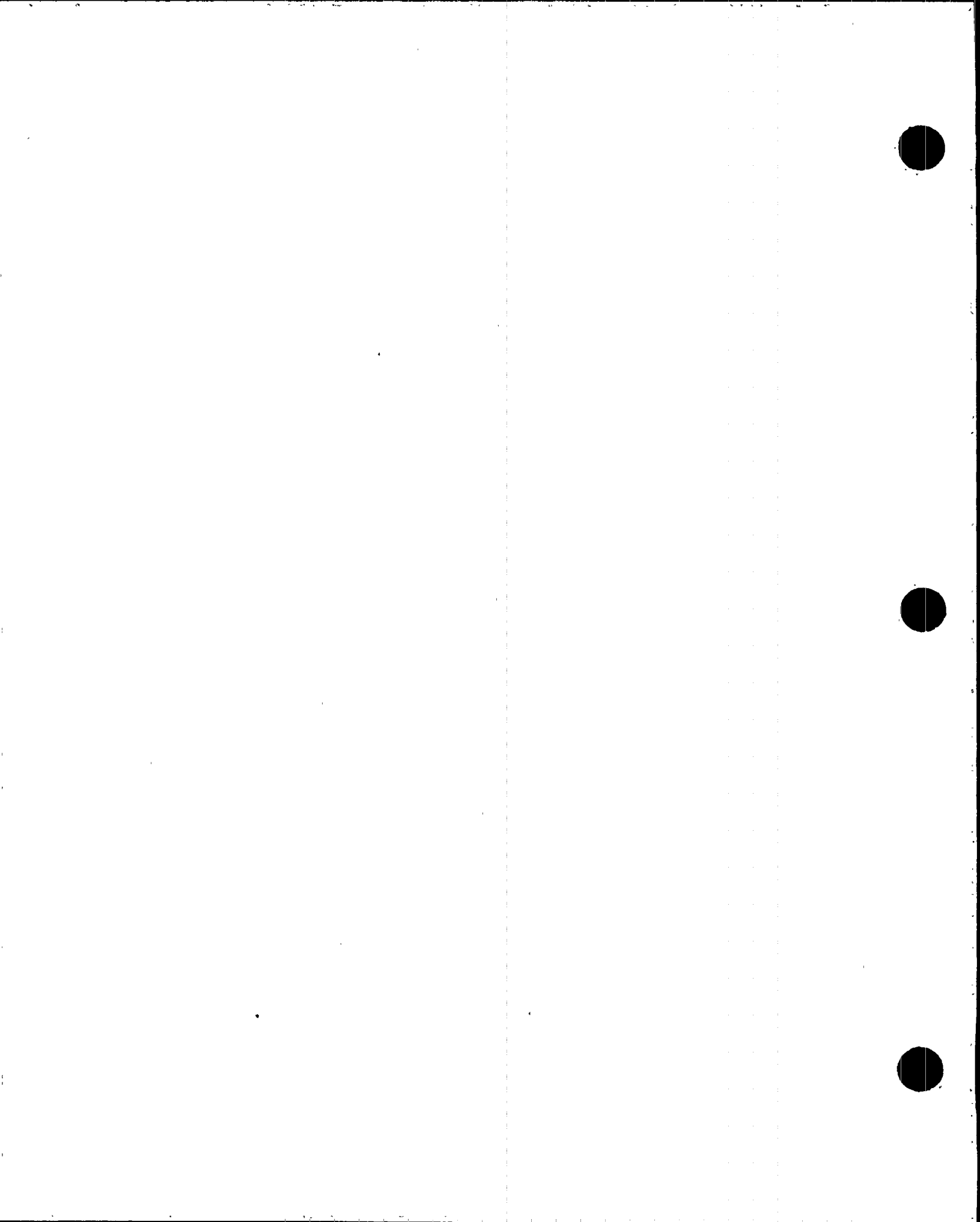
STAYS

PLUGGED

121 X TBP

7 /





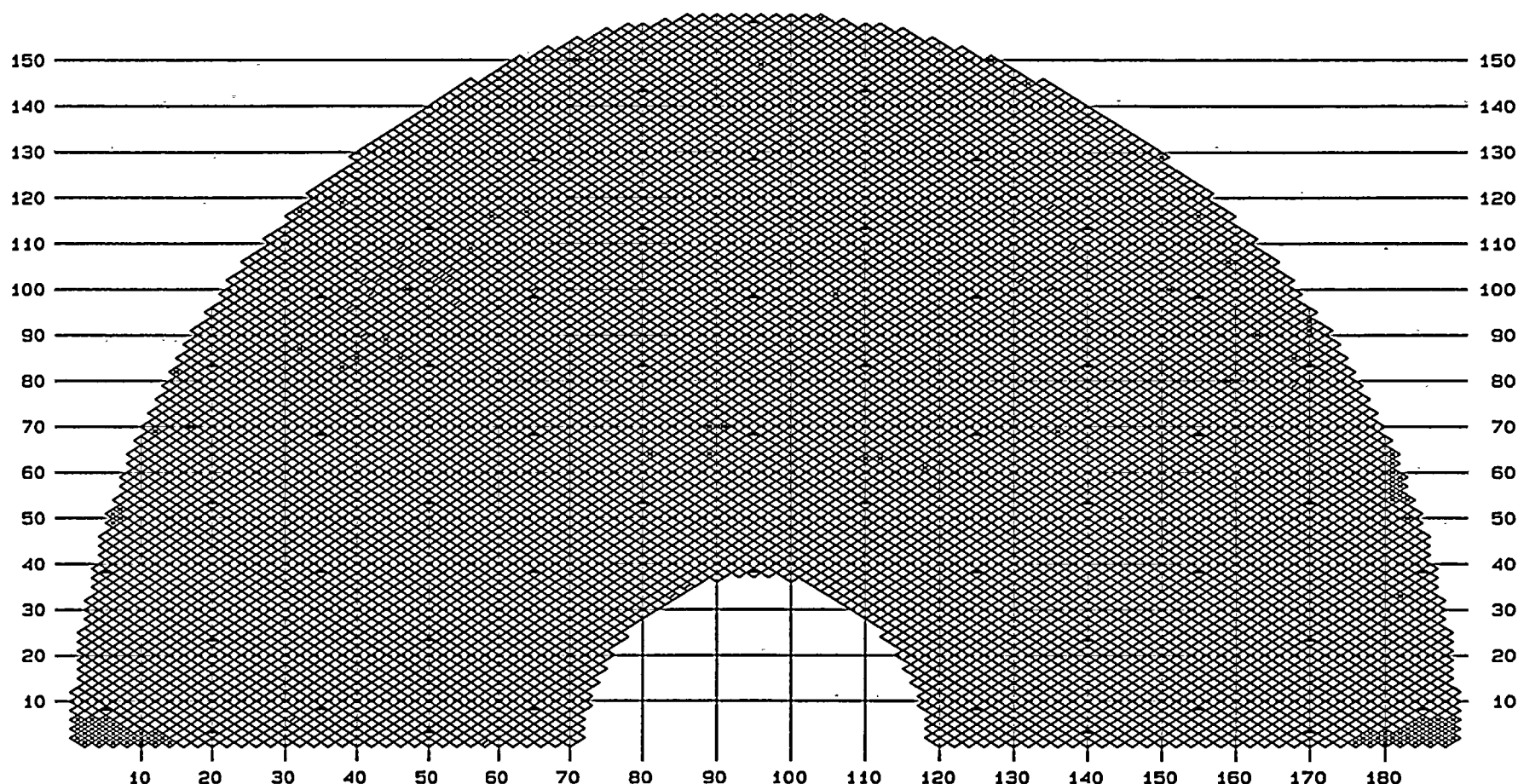
04/94, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

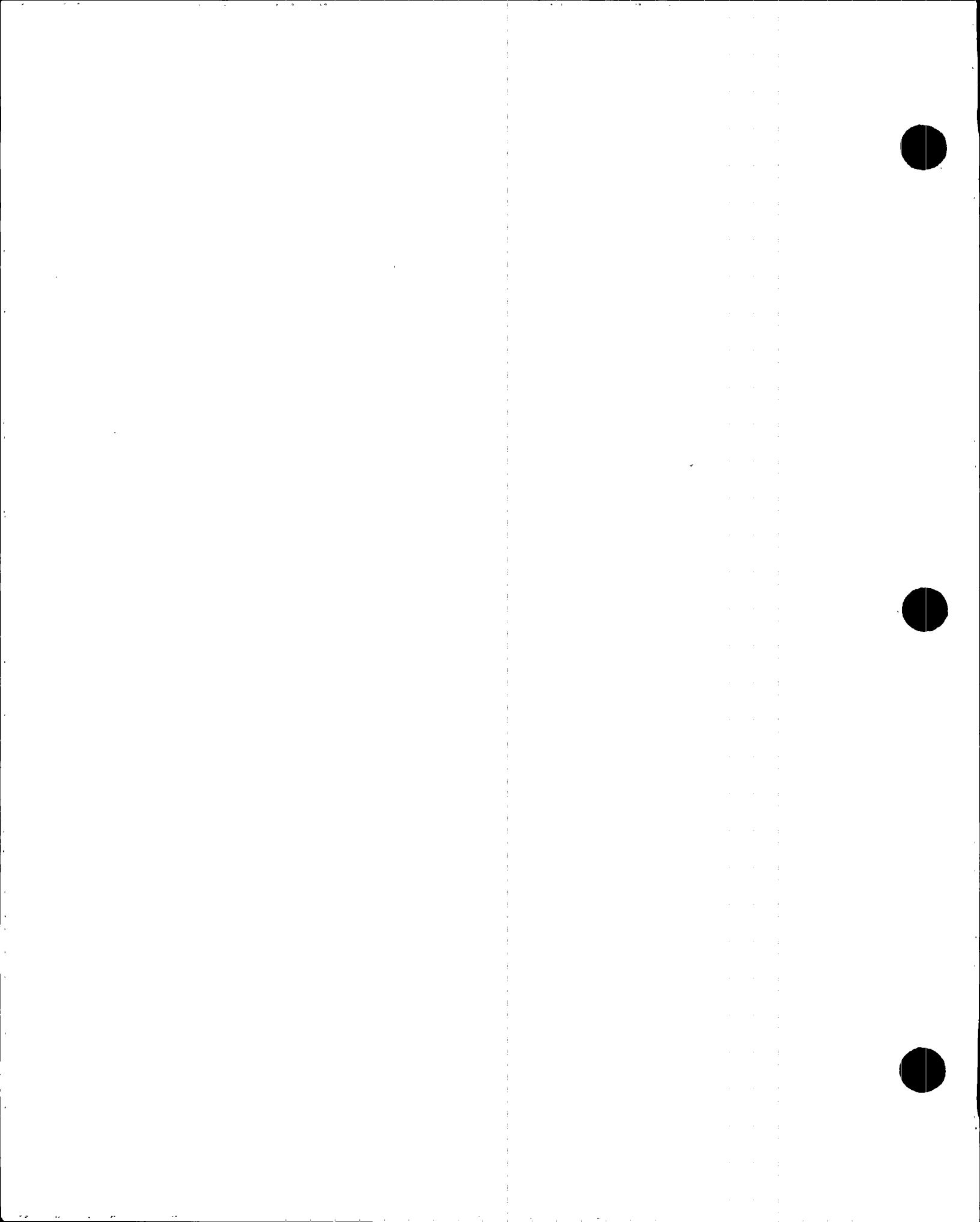
STEAM GENERATOR: 32
OUTAGE DATA SET : CURRENT
Percent: TBP

DATE: 05/16/94
TIME: 15: 49: 19

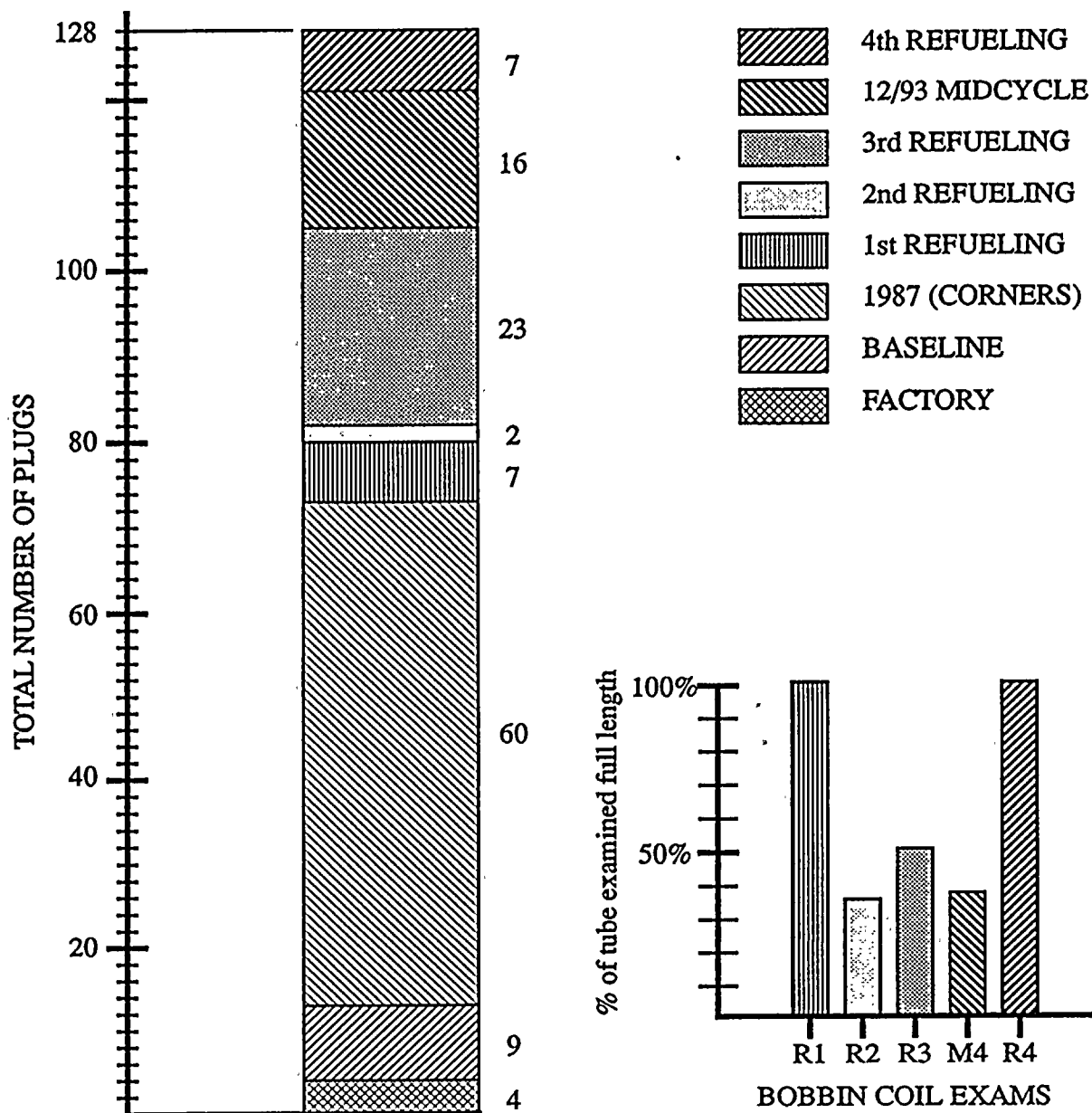
STAYS

PLUGGED 113 X TBP 25 /

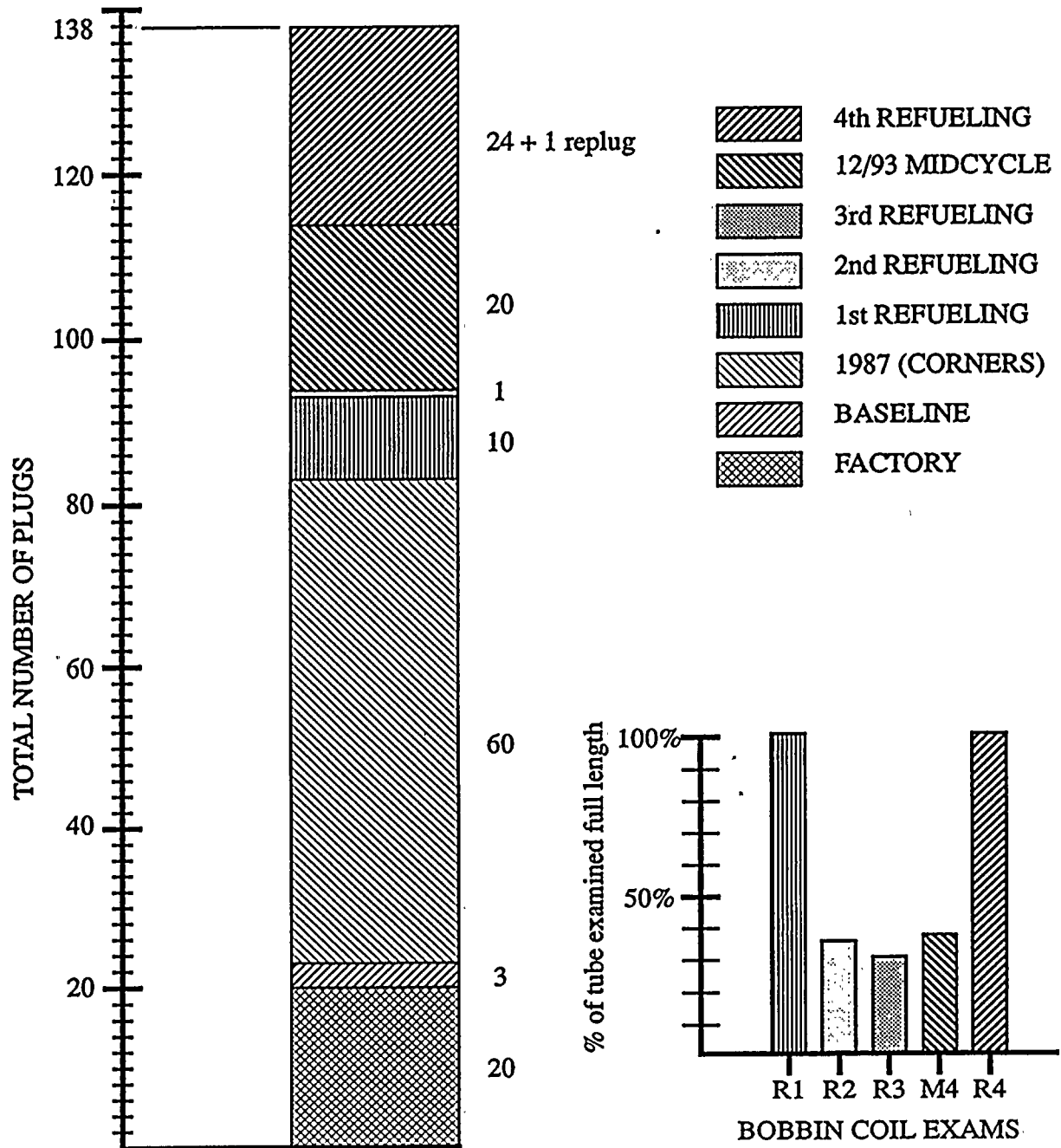


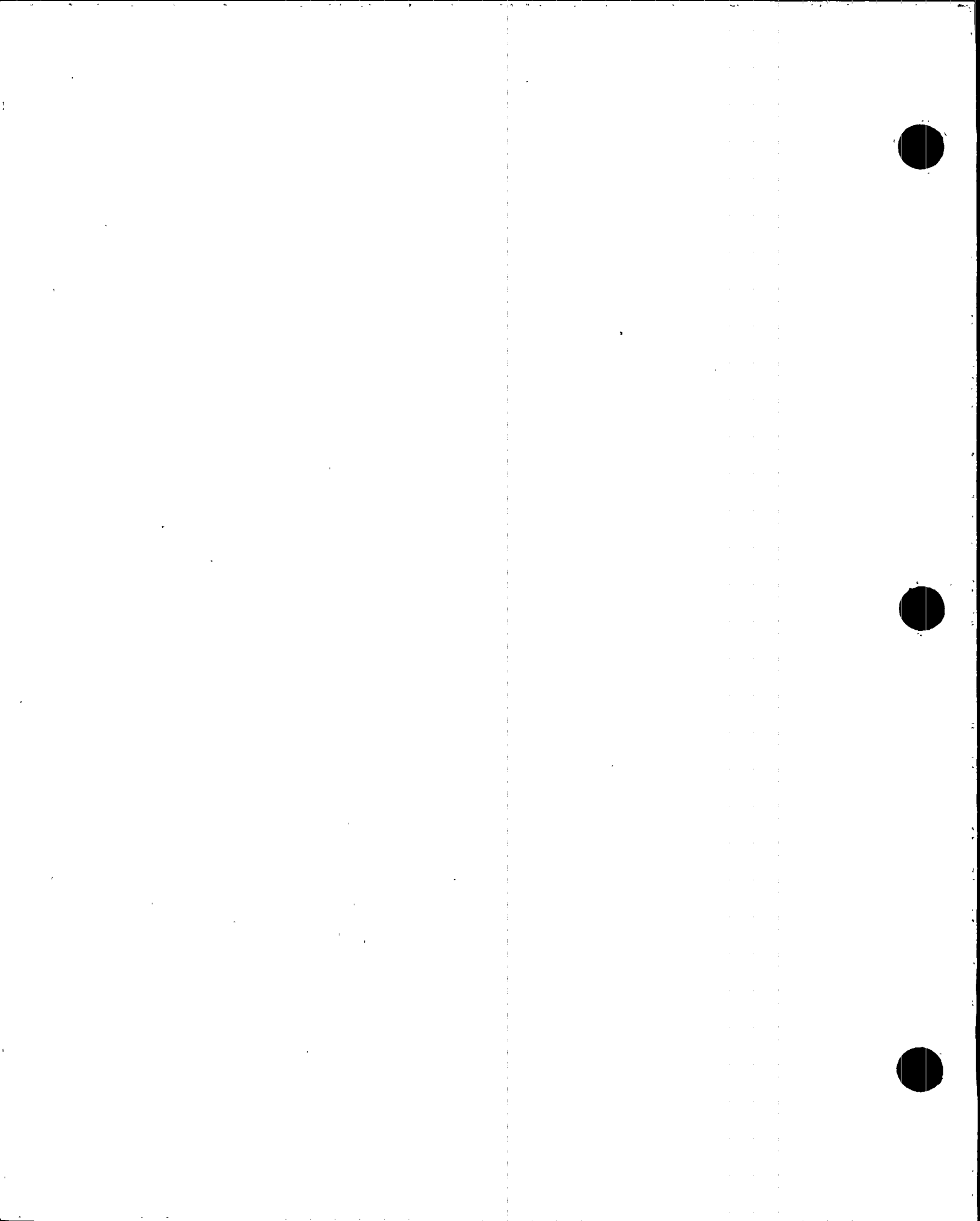


STEAM GENERATOR 31



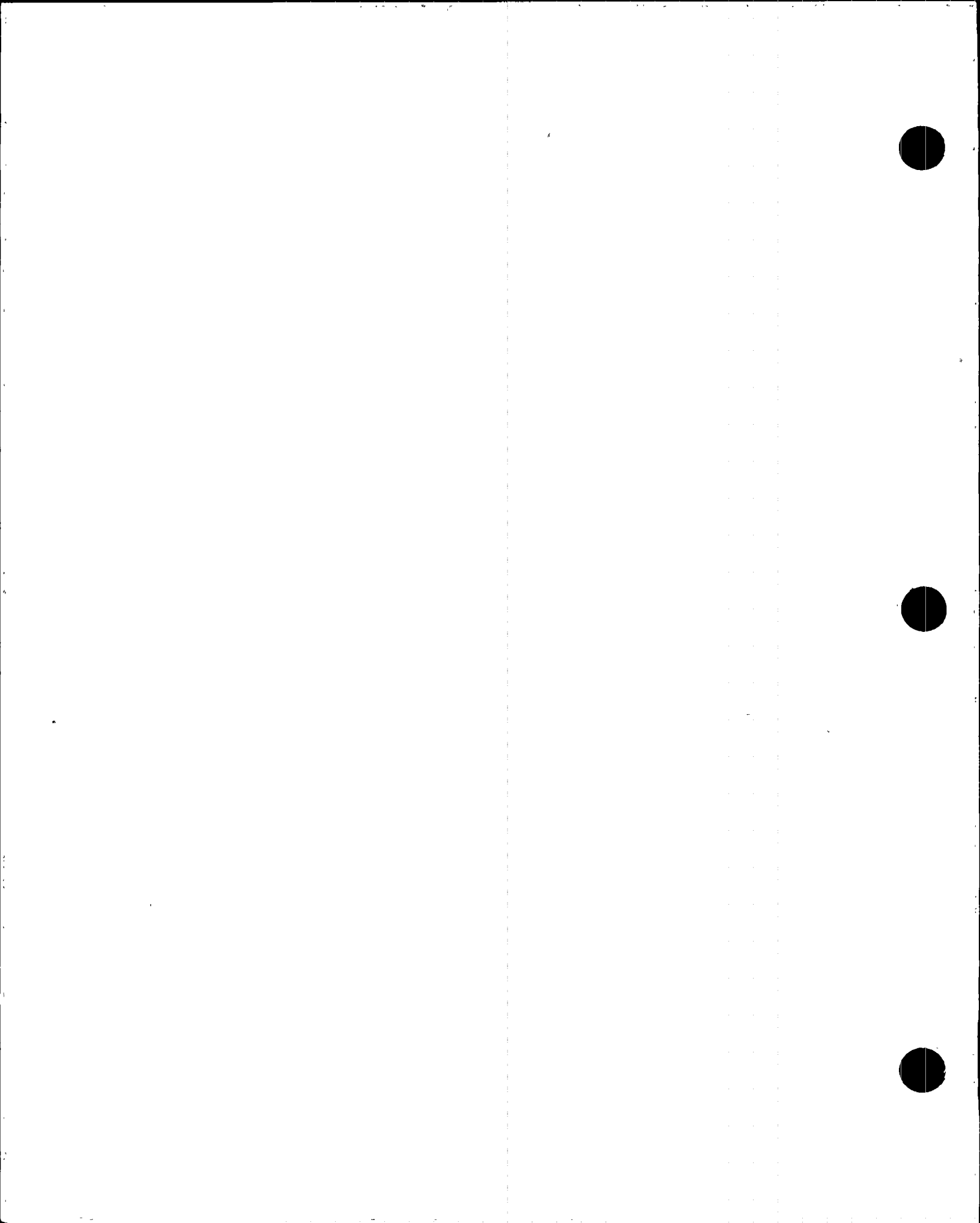
STEAM GENERATOR 32





APPENDIX G

FORM NIS-1



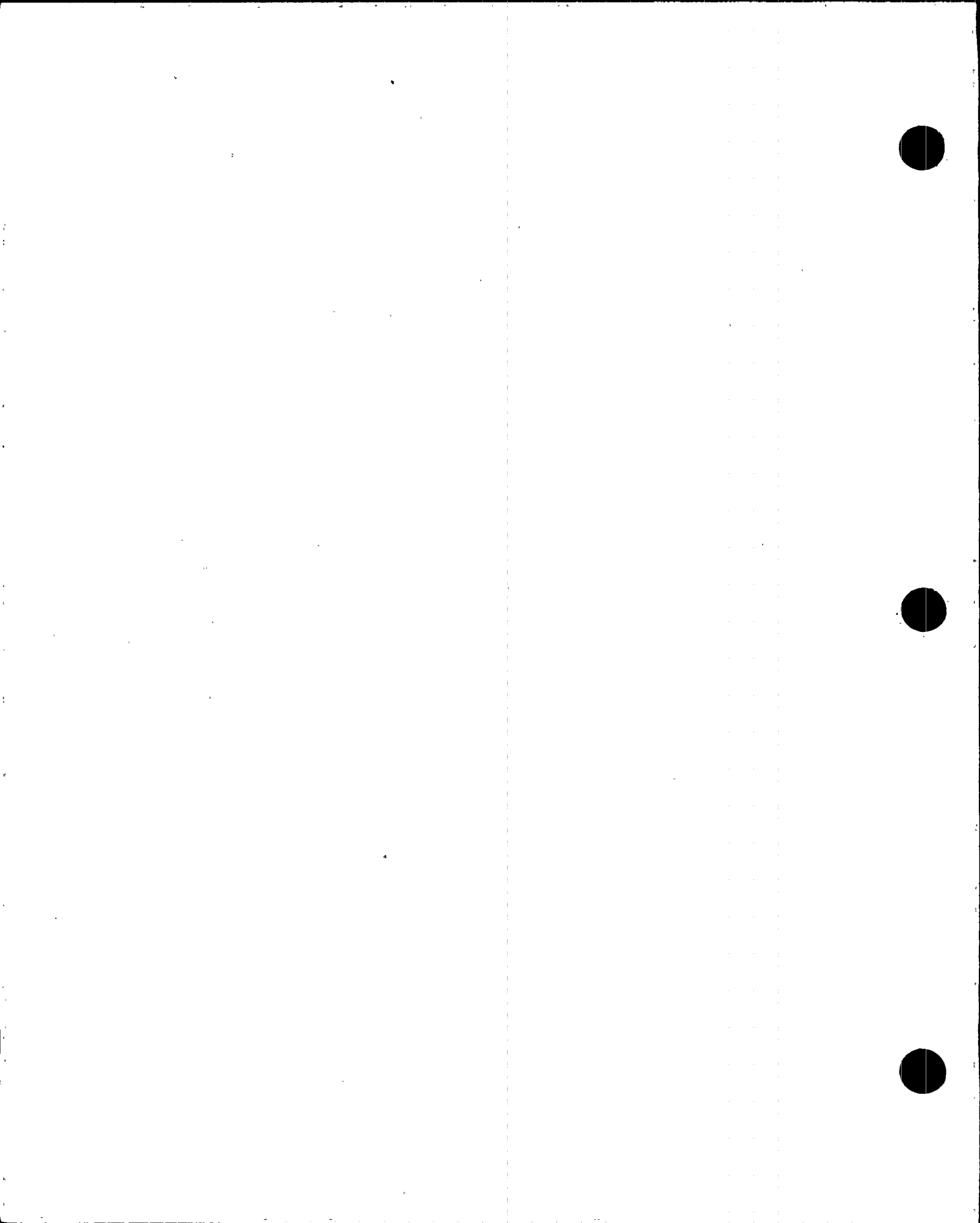
APS

NIS-1 FORM

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

1. OWNER ARIZONA PUBLIC SERVICE COMPANY, et al
ADDRESS P.O. BOX 52034; PHOENIX, ARIZONA
2. PLANT PALO VERDE NUCLEAR GENERATING STATION
ADDRESS 5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER: 3
4. OWNERS CERTIFICATE OF AUTHORIZATION NONE
5. COMMERCIAL SERVICE DATE: 1/8/88
6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO
3MRCBE01A STEAM GENERATOR 31 TUBING	COMBUSTION ENGINEERING	65273-1	N/A	22860
3MRCBE01B STEAM GENERATOR 32 TUBING	COMBUSTION ENGINEERING	65273-2	N/A	22861



APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 4/11/94 TO 5/14/94

8. INSPECTION INTERVAL FROM 1/8/88 TO 1/10/98

9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL

In Steam Generator 31 a total of 10,891 tubes were examined full length with the bobbin coil. 2220 tubes were examined at the top of the hot leg tube sheet using RPC. Multiple expansions were performed for various reasons. Amounts and descriptions of expansions are located in table 1 of this report.

In Steam Generator 32 a total of 10,899 tubes were examined full length with the bobbin coil. 553 tubes were examined at the top of the hot leg tube sheet using RPC. Multiple expansions were performed for various reasons. Amounts and descriptions 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 E of this report. The tubes identified on the following page were plugged as a result of this examination.

OF TUBES PLUGGED -SG31=7, SG32=24 + 1 replug

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 9-22-94 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 4-11-94 TO 5-13-94, AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

INSPECTOR [Signature] COMMISSIONS NB 9685 "N" "I" Az 264
DATE 9-22-94 NATL' BOARD, STATE, PROVINCE

UNIT 3 FOURTH REFUELING OUTAGE TUBES PLUGGED

STEAM GENERATOR 31

<u>ROW</u>	<u>LINE</u>
103	38
34	83
130	83
39	96
37	100
141	128
93	134

STEAM GENERATOR 32

<u>ROW</u>	<u>LINE</u>
6	31
96	39
90	41
102	41
99	42
102	43
105	46
109	46
106	49
102	51
103	52
102	53
104	53
97	54
1	58
100	65
152	73*
154	73*
33	84
35	86
102	131
100	135
118	135
109	138
79	168

*These tubes were pulled this outage. 152-73 was initially plugged during the Unit 3 M4 mid-cycle outage and re-plugged this outage.

