

PALO VERDE NUCLEAR GENERATING STATION
UNIT 3
STEAM GENERATOR EDDY CURRENT EXAMINATION
3RD REFUELING OUTAGE
OCTOBER 1992

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

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UNIT 3 STEAM GENERATOR EDDY CURRENT EXAMINATION

1.0 Summary

The third refueling outage eddy current examination for Unit 3 was conducted during October 1992. The initial examination plan for both steam generators was to examine 30 percent of the tubing full length, and the remaining 70 percent part length in the hot leg tube sheet area. Additional full length examinations were conducted for program expansions in steam generator 31.

2.0 Examination Discussion

The examination plan was developed to meet the requirements of Palo Verde Nuclear Generating Stations Technical Specification 4.4.4.2. The original plan for steam generators 31 and 32 was to examine using bobbin coil approximately 30% of the tubing full length from the cold leg side, and the remaining 70% part length from the hot leg side. The part length examinations were performed to insure that all tubing be examined at locations previously found to contain axial cracking. Previous axial cracking was detected during the Unit 2 third refueling. Maps of the preliminary examination plan are located in Appendix A.

The progression and extent of examinations for each steam generator was as follows:

Steam Generator #31

- Bobbin coil examinations were completed in accordance with the original examination plan.
- Due to 7 defective tubes, a program expansion of 722 tubes full length bobbin coil was performed.
- Due to 2 tubes with suspected wear over 40%, a second program expansion of 1403 tubes full length using bobbin coil was performed.
- MRPC examinations were performed on approximately 152 tubes (301 locations).

Steam Generator #32

- Bobbin coil examinations were completed in accordance with the original inspection plan.
- MRPC examinations were performed on approximately 167 tubes (467 locations).

3.0 Examination Results

A tabulation of the examination results are located in Table 1 of this report. In addition, Appendix B 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 D contains summary data sheets for MRPC examinations and Appendix E contains summary data sheets for tubes classified with possible loose parts.



The results of specific examinations for each steam generator were as follows:

Steam Generator #31

- The 30% full length and 70% part length bobbin examinations resulted in seven defective tubes, fifty-two degraded tubes, and was classified in category C-2.
- The 722 tube expansion resulted initially in 2 defective tubes, twenty-four degraded tubes, and was classified in category C-2. Upon completion of MRPC the two tubes suspected to be defective were determined to be degraded (wear indications), and the expansion category changed to 0 defective tubes and twenty-six degraded tubes. The classification for the expansion was changed to C-1.
- The 1403 tube expansion resulted in one defective tube, and fourteen degraded tubes, and was classified in category C-2.
- The MRPC examinations resulted in no tubes being characterized as having axial indications. Tubes with indications were characterized with corresponding code or percent wall reduction.
- Analysis of bobbin and MRPC data revealed five tubes with possible loose parts, 3 had associated wear.

Steam Generator #32

- The 30% full length and 70% part length bobbin examinations resulted in no defective tubes, and 12 degraded tubes, and was classified in category C-1.
- The MRPC examinations resulted in no tubes being characterized as having axial indications. Tubes with indications were characterized with corresponding code or percent wall reduction.
- Analysis of bobbin and MRPC data revealed five tubes with possible loose parts.

In regards to NRC Information Notice 90-49, "Stress Corrosion Cracking in PWR Steam Generator Tubing", no tubes were identified as having axial or circumferential indications indicative of cracking.

The overall examinations resulted in plugging a total of twenty-three tubes in steam generator number 31, and no tubes in steam generator number 32. All defective tubes were plugged pursuant to technical specification requirements. In addition, various degraded tubes were plugged as preventative measures. The maps and graphs supplied in Appendix F show the total tubes plugged to date. The NIS-1 form in Appendix G lists each of the tubes plugged as a result of this examination.

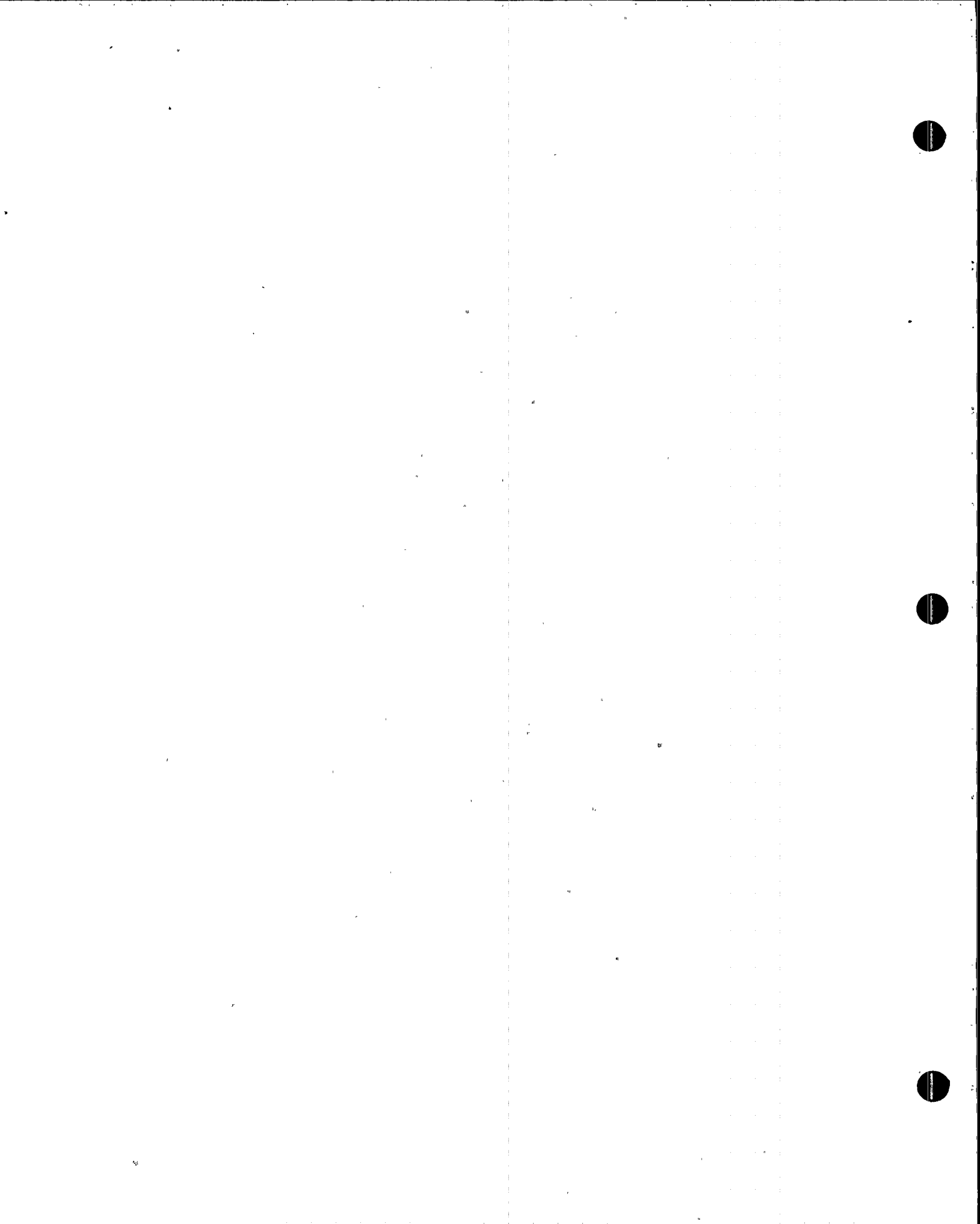
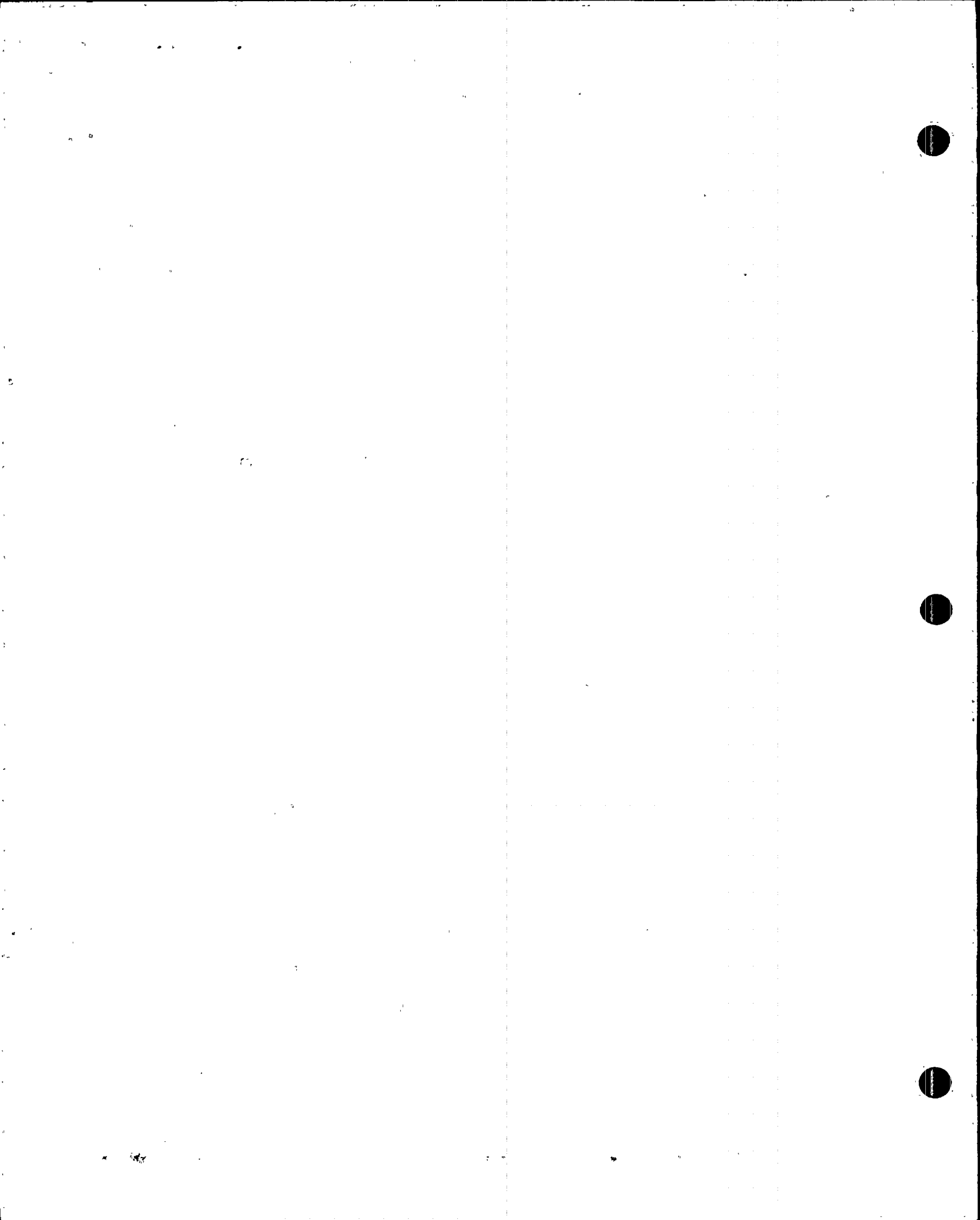


TABLE 1
INDICATION SUMMARY

INDICATION CATEGORY	STEAM GENERATOR 31			STEAM GENERATOR 32
Corner Eggcrate Wear	original scope	exp 1	exp 2	original scope
<20%	0	0	0	0
≥20% <40%	0	0	0	0
≥40%	0	0	0	0
Eggcrate Wear				
<20%	6	3	3	3
≥20% <40%	16	9	23	0
≥40%	1	0	0	0
Flow Dist Plate Wear				
<20%	1	0	0	2
≥20% <40%	0	0	0	0
≥40%	0	0	0	0
Batwing Wear				
<20%	8	3	6	1
≥20% <40%	14	7	10	3
≥40%	3	0	1	0
Vertical Strap Wear				
<20%	14	2	6	12
≥20% <40%	23	12	3	8
≥40%	3	0	0	0
Possible Loose Parts				
w/wear	3	0	0	0
wo/wear	2	0	0	5
Axial Indications				
Tube End Hot	0	0	0	0
Tube Sheet Hot	0	0	0	0
Other Indications	5	0	1	2



4.0 Examination Techniques and Equipment

The eddy current examination was performed by Conam Nuclear Inc. using Zetec MIZ-18A digital data acquisition and Unix Lan analysis systems. The following frequencies were used for the tube examination(s):

550 KHZ
990 KHZ
100 KHZ
20 KHZ

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

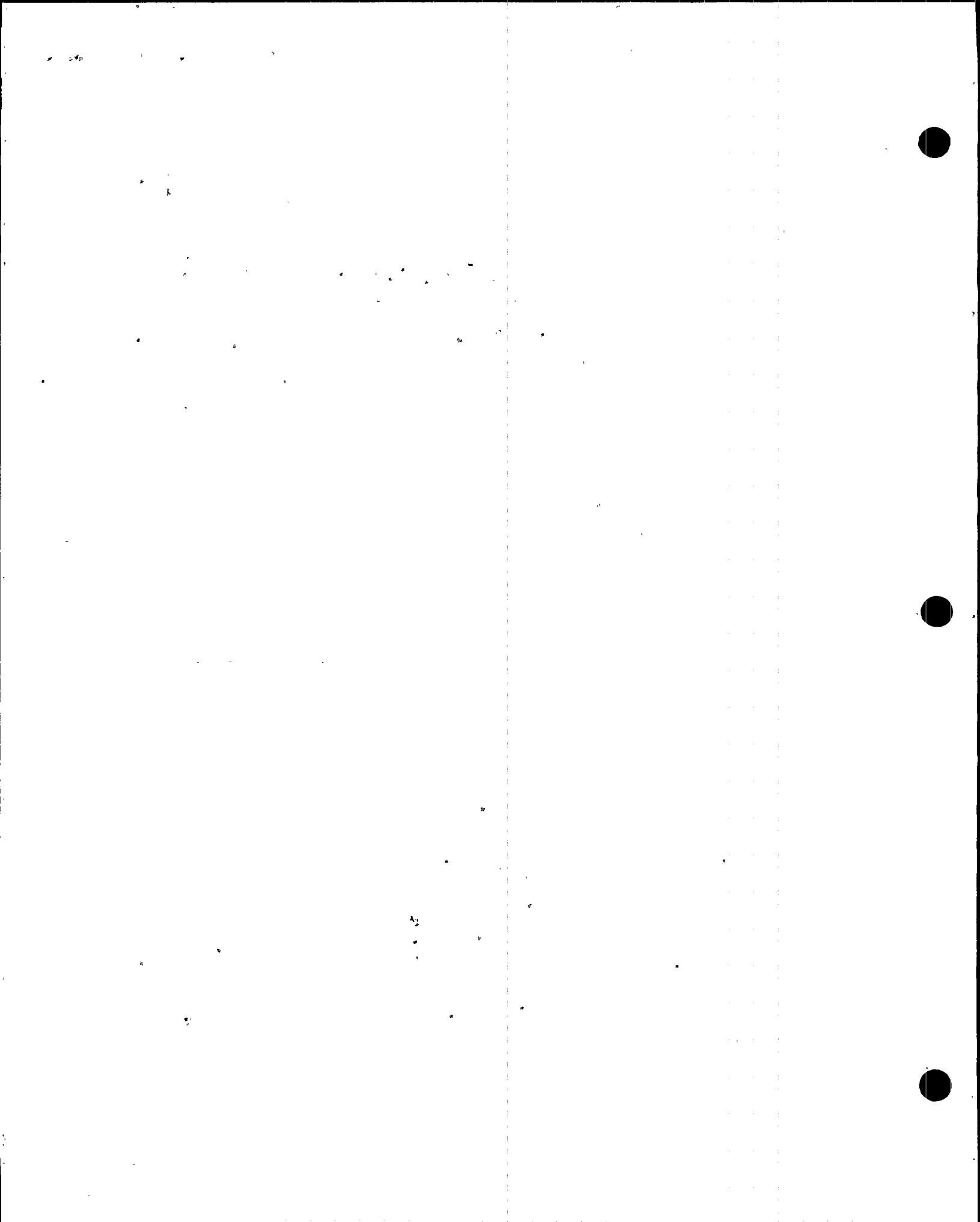
All tubing was examined with Zetec manufactured bobbin coil style probes, either 0.610, 0.580, 0.540, or 0.590 inch diameter. A 3 coil multi-frequency rotating pancake probe was also used to characterize the indications at various locations. Data acquisition was facilitated by using Zetec SM-10 and SM-20 "no entry" probe positioning fixtures in both the cold and hot leg S/G plenums respectively. Conam Nuclear Inc. provided the primary data analysis and Combustion Engineering performed a complete secondary analysis. A third analysis was performed utilizing computer data screening (CDS) for indications.

During data analysis, a detailed evaluation was performed for possible loose parts and sludge profiling.

Each level IIA individual from Conam Nuclear Inc. and Combustion Engineering who performed data analysis was required to complete and pass an on-site data analysis performance examination with at least a 80% proficiency within the last 12 months.

APPENDIX A

EXAMINATION PLAN



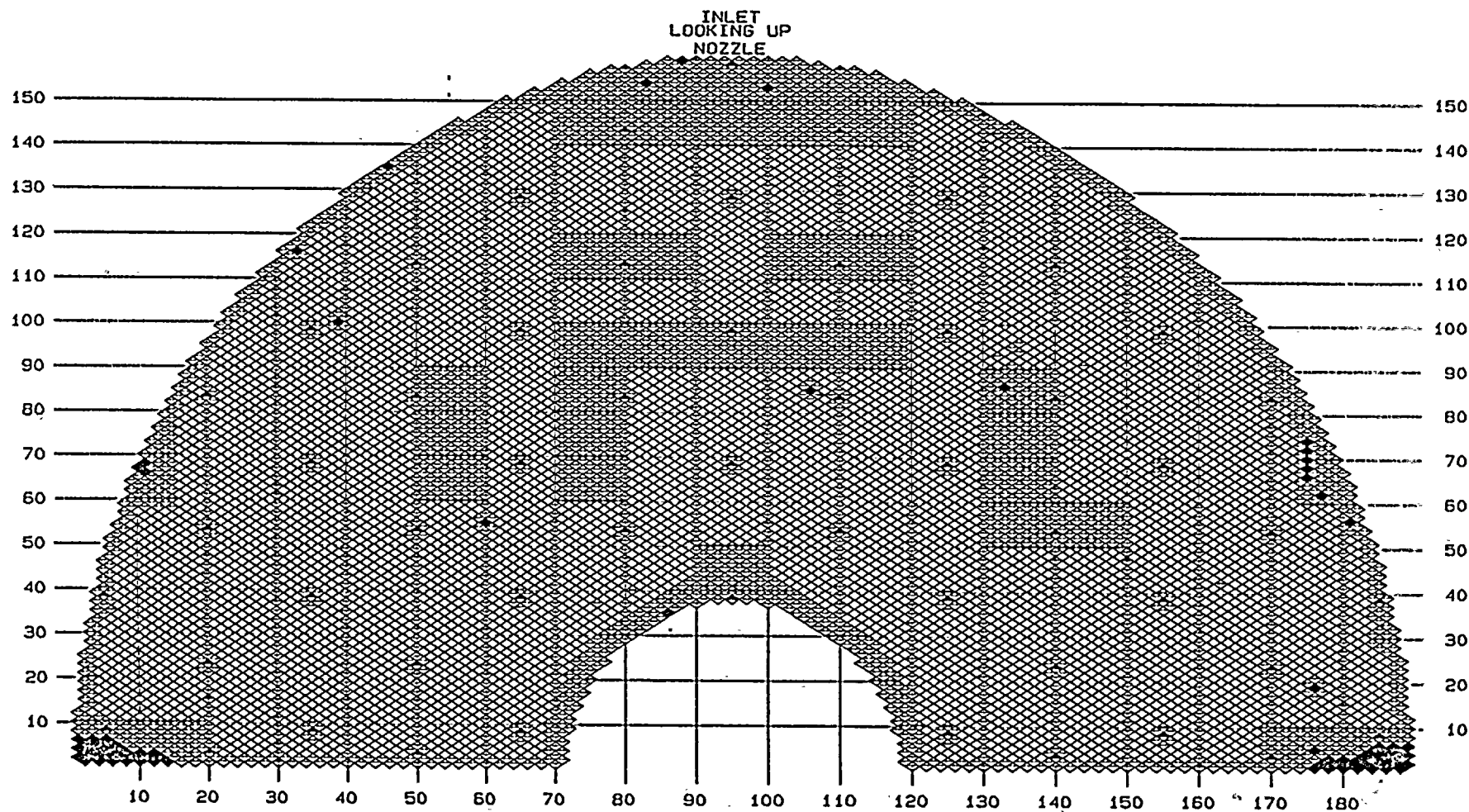
STEAM GENERATOR: 31
PROC: 73TI-9RC01 REV 7
LOCATION: TEC TO TEH
CRITERIA: INITIAL PROGRAM

PLUGGED

82 ♦ TEC-TEH

3282 - TEC-07H

88 -



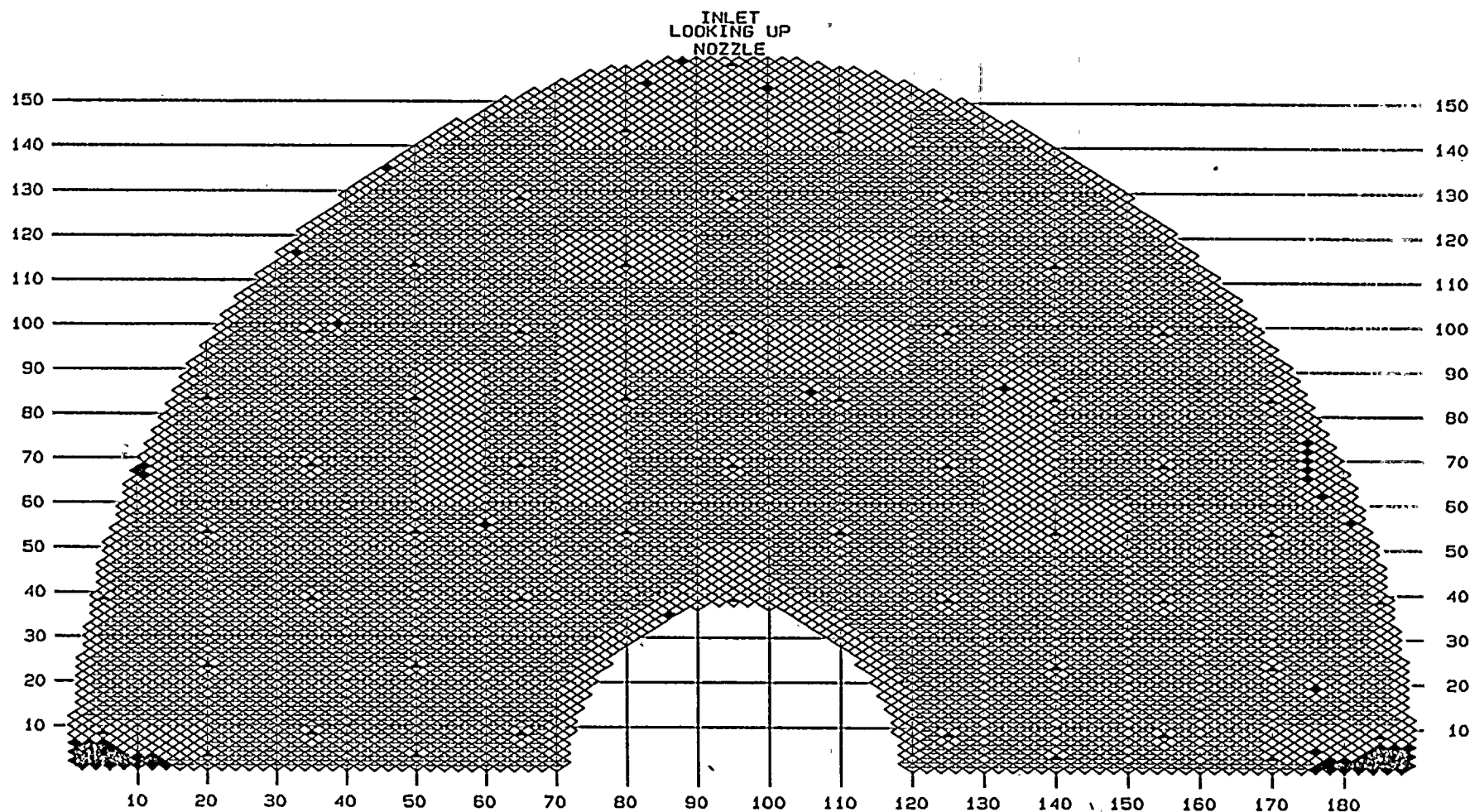
STEAM GENERATOR: 31
PROC: 73TI-9RC01 REV 7
LOCATION: TEH TO 02H
CRITERIA: INITIAL PROGRAM

PLUGGED

82 ♦ TEH-07H

114 - TEH-02H

7560 -



STEAM GENERATOR: 32
PROC: 73TI-9RC01 REV 7
LOCATION: TEC-TEH
CRITERIA: INITIAL PROGRAM

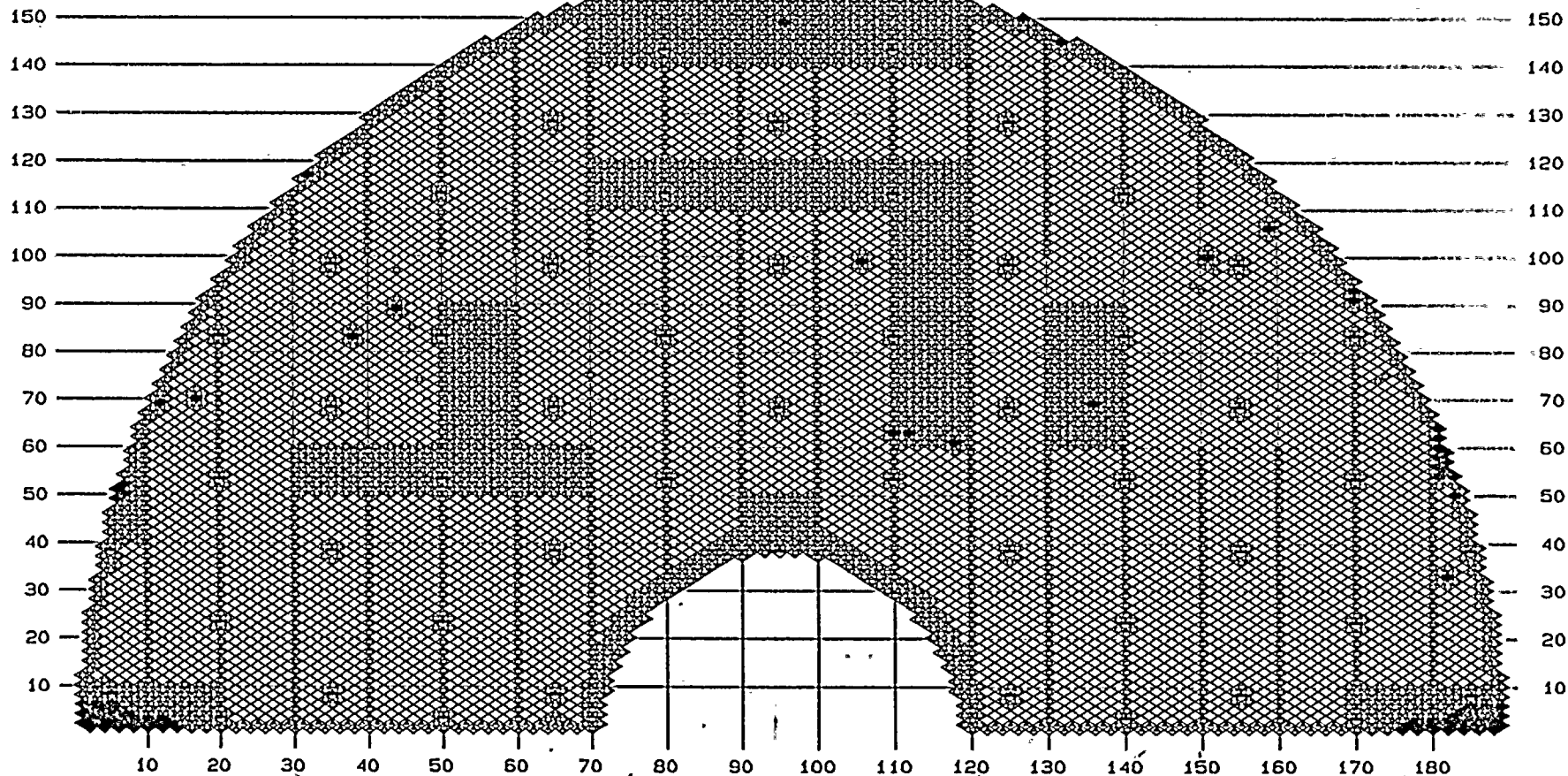
PLUGGED

94 ♦ TEC-TEH

3241 □ TEC-07H

88 Δ

INLET
LOOKING UP
NOZZLE



STEAM GENERATOR: 32
 PROC: 73TI-9RC01 REV 7
 LOCATION: TEH TO 02H
 CRITERIA: INITIAL PROGRAM

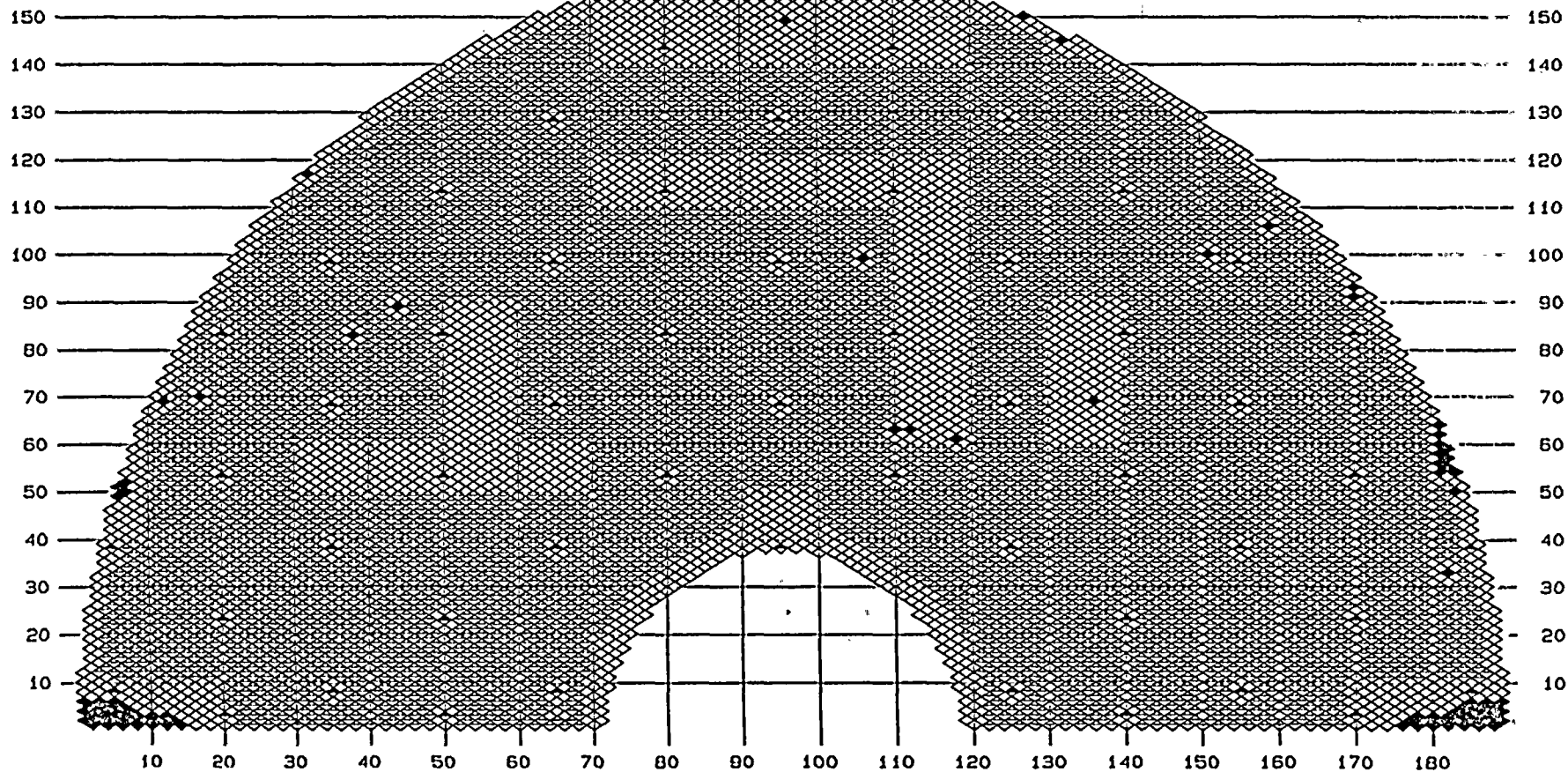
PLUGGED

94 ♦ TEH-07H

88 - TEH-02H

7589 -

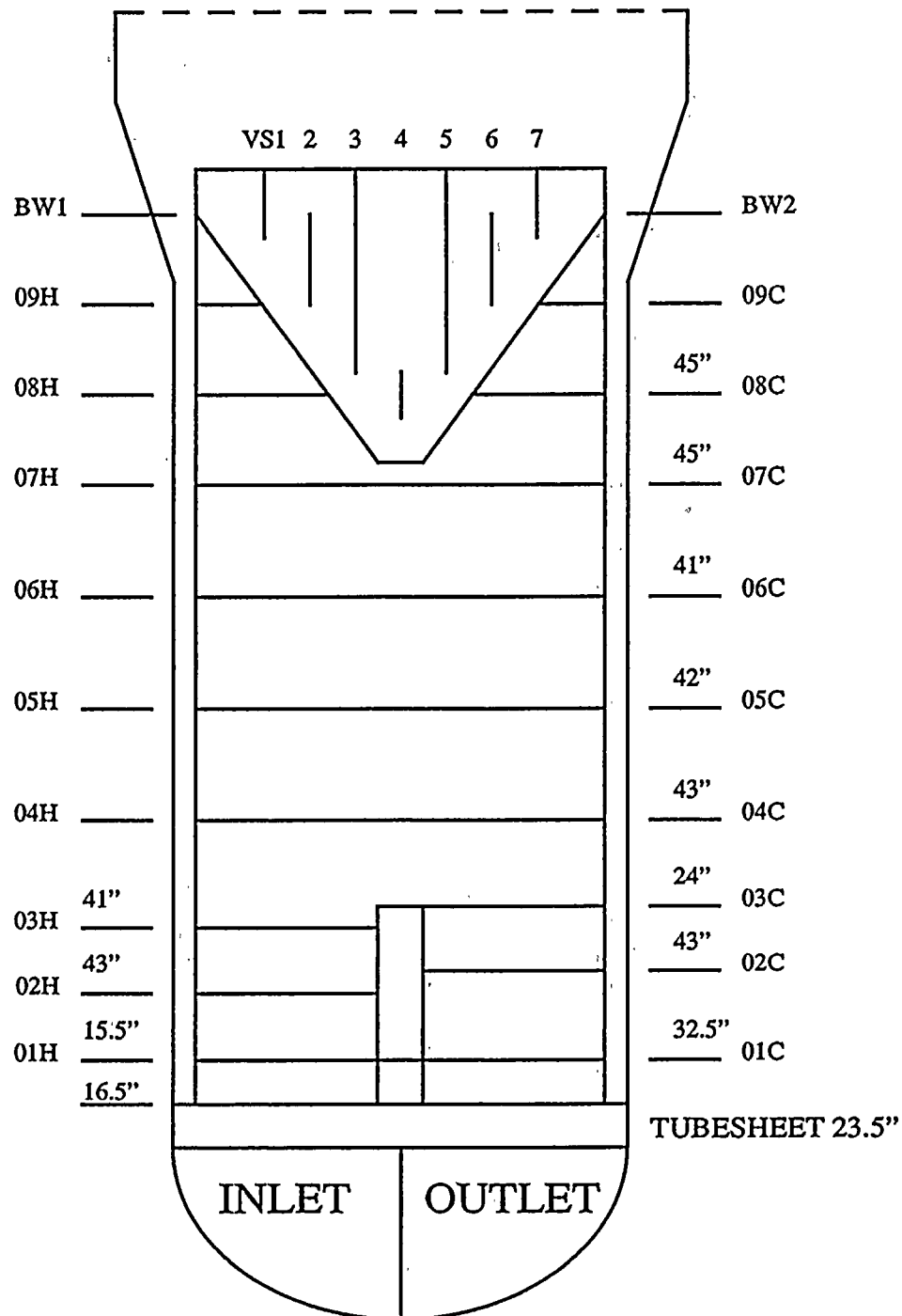
INLET
 LOOKING UP
 NOZZLE



APPENDIX B

STEAM GENERATOR TUBE SUPPORT DIAGRAM

CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM



NOTES:

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

SUPPORTS 02 THRU 09
ARE EGGRATE TYPE

SUPPORT SPACINGS ARE
IDENTIFIED IN INCHES
BETWEEN THE SUPPORT
IDENTIFICATION

CORNER EGGRATE IS
COLD-LEG SIDE, 10 ROWS
UP, 20 LINES IN, 02C THRU
04C SUPPORTS

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.

REM: Remarks column used for comments relating to examination.

RPI = Retest Positive Identification

RIC = Retest Incomplete

REEL: Indicates reel number that the data was recorded on.

PROBE: Indicates probe diameter and style used for examination.

LOCATION: Gives indication location relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows:

#1 Vertical Strap..... VS1
 #1 Batwing..... BW1
 #1 Support Plate in Hot Leg..... 01H
 #7 Support Plate in Cold Leg..... 07C
 Top Tube Sheet Cold Leg..... TSC
 Tube End Hot Leg..... TEH
 Tube End Cold Leg..... TEC

VOLTS: Indicates the peak-to-peak voltage of a given indication response.

DEG: The measured phase angle of a given indication response.

%: The percent through the tube wall of a given indication based on the measured phase angle/amplitude and the calibration curve established for that particular channel, or analysis comment codes, e.g., PLP = Possible Loose Parts, etc.

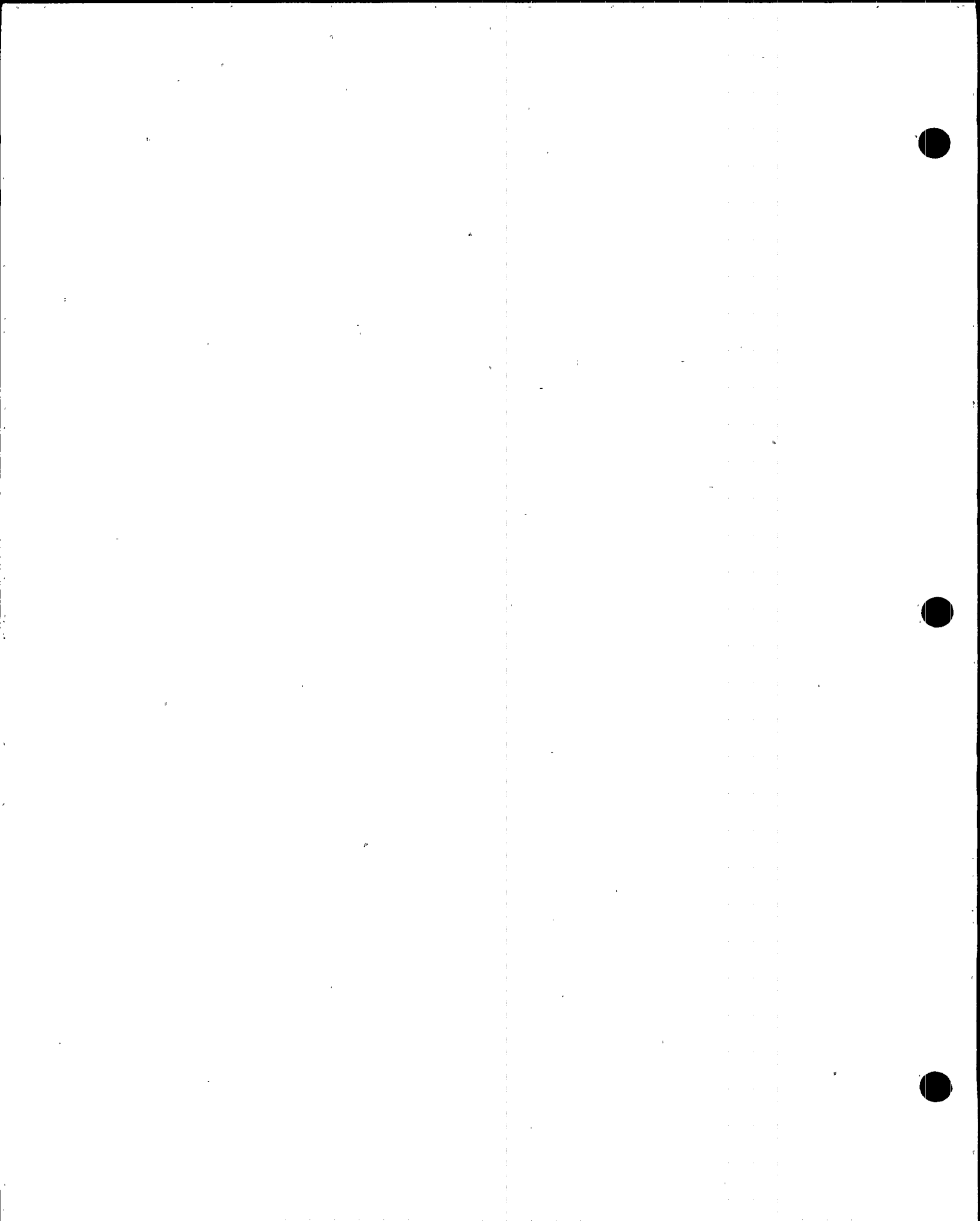
CH: Indicates the channel used to measure and evaluate a given indication.

MRPC: Motorized Rotating Pancake Coil

ANALYSIS

CODES:

Baseline Indication..... BLI
 Distorted Roll Transition With Indication..... DRI
 Distorted Support Signal With Indication..... DSI
 Distorted Top of Tubesheet With Indication..... DTI
 Multiple Axial Indication..... MAI
 Multiple Circumferential Indication..... MCI
 Non-Quantifiable Indication..... NQI
 No Tube Sheet Expansion..... NTE
 Obstructed..... OBS
 Positive Identification..... PID
 Possible Loose Part..... PLP
 Single Axial Indication..... SAI
 To Be Plugged..... TBP



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
79	26	EXP 2	H	TEH-TEC	TEH-TEC		00054	610UL	08H- 1.12	0.82		0	<20	P 2
74	27	EXP 2	H	-	-		00000			0.00			TBP	
			H	TEH-TEC	TEH-TEC		00054	610UL	VS5- 0.73	2.19		0	35	P 2
			H	TEH-TEC	TEH-TEC	RPI	00075	610UL	VS5- 0.67	2.17		0	PID	P 2
86	27	EXP 2	H	TEH-TEC	TEH-TEC	RIC	00064	610UL		0.00			NDD	
			H	TEH-TEC	TEH-VS5		00054	610UL	VS3+ 0.00	2.33		0	35	P 2
			H	TEH-TEC	TEH-TEC	RPI	00075	610UL	VS3+ 0.03	2.36		0	PID	P 2
35	28		H	02H-02H	02H-02H		00073	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H	RPI	00042	610UL	TSH- 0.03	9.78		351	DTI	P 1
			H	TEH-02H	TEH-02H		00059	610UL	TSH+ 0.22	0.00			INR	
19	30		C	TEC-TEH	TEC-TEH		00002	610UL	01C- 0.65	0.50		0	<20	P 2
118	37	EXP 1	H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	09C-TEC	09C-TEC		00034	610UL	TSH+ 2.20	1.36		147	BDA	1
			H	TEH-09H	TEH-VS3		00034	610UL	09H- 1.17	0.61		0	<20	P 2
			H	TEH-09H	TEH-VS3		00034	610UL	09H+ 0.98	1.00		0	20	P 2
			C	TEC-TEH	TEC-09H		00030	610UL	09H+ 1.24	2.38		0	35	P 2
119	38	EXP 2	H	TEH-TEC	TEH-TEC		00063	610UL	09H- 1.06	0.56		0	<20	P 2
116	39	EXP 1	C	TEC-TEH	TEC-TEH		00030	610UL	09H+ 1.02	2.37		0	26	P 2
39	40		C	TEC-TEH	TEC-TEH		00002	610UL	VS4- 0.70	1.02		0	22	P 2
112	41	EXP 1	C	TEC-TEH	TEC-TEH		00030	610UL	VS2- 0.81	1.12		0	22	P 2
120	41	EXP 2	H	TEH-TEC	TEH-TEC		00063	610UL	VS2+ 0.74	0.70		0	<20	P 2
112	43	EXP 1	C	TEC-TEH	TEC-TEH		00029	610UL	VS2- 0.84	1.31		0	25	P 2
131	46	EXP 1	H	TEH-VS3	TEH-VS3		00035	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	08H-TEC	TEH-TEC		00034	610UL	09H- 0.28	0.65		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00031	610UL	09H- 0.08	0.43		81	NQI	P 1
131	48	EXP 1	C	TEC-VS1	TEC-VS1		00031	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS7	RIC	00059	610UL		0.00			NDD	
			H	TEH-VS1	TEH-09H		00034	610UL	09H+ 0.97	1.06		0	20	P 2
71	50		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	08H- 1.14	0.91		0	30	P2
			H	08H-08H	08H-08H		00074	580RC	08H+ 0.81	2.31		0	21	2
66	51		C	TEC-TEH	TEC-TEH		00005	610UL	08H+ 1.30	0.79		0	<20	P 2
86	51		C	TEC-TEH	TEC-TEH		00005	610UL	VS3- 0.97	1.32		0	27	P 2
76	53		C	TEC-TEH	TEC-TEH		00005	610UL	VS3+ 0.66	1.01		0	<20	P 2
145	56		C	TEC-TSC	TEC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00007	610UL	TSC+ 0.00	2.13		0	NTE	4

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

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DATE: 11/18/92

TIME: 09:06:44

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
139	58	EXP 1	H	TEH-VS3	TEH-VS5		00035	610UL		0.00			NDD	
			H	TEH-VS3	TEH-VS1		00035	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS3		00031	610UL	VS3- 1.20	0.59		0	26	P 2
144	59		C	TEC-TEH	TEC-TEH		00007	610UL	VS5- 1.07	1.88		0	30	P 2
1	64		H	TEH-07H	TEH-07H		00037	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00027	590UL	02C- 0.15	0.88		0	<20	P 2
141	64	EXP 1	H	TEH-VS1	TEH-VS1		00035	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS1		00031	610UL	VS3+ 0.32	1.03		0	28	P 2
125	66	EXP 2	H	TEH-VS1	TEH-BW2		00066	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00081	610UL	VS3+ 0.54	0.45		0	<20	P 2
110	67	EXP 1	C	TEC-TEH	TEC-TEH		00030	610UL	VS2- 0.83	0.98		0	23	P 2
			C	TEC-TEH	TEC-TEH		00030	610UL	VS5+ 0.74	0.98		0	23	P 2
146	69	EXP 1	C	TEC-TEH	TEC-VS1		00032	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS1		00035	610UL	BW1+ 1.87	1.12		0	24	P 2
76	71		C	TEC-TEH	TEC-TEH		00057	610UL	VS5- 0.83	0.71		0	<20	P 2
94	71		C	TEC-TEH	TEC-TEH		00057	610UL	VS5+ 0.75	0.84		0	<20	P 2
148	71		C	TEC-TEH	TEC-TEH		00010	610UL	VS1+ 0.75	0.85		0	<20	P 2
150	73		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			C	TEC-BW1	TEC-TEH		00010	610UL	VS1- 1.05	1.95		0	34	P 2
			H	VS2-TEC	TEH-TEC		00025	610UL	VS1- 0.99	2.86		0	36	P 2
			C	TEC-TEH	TEC-BW1	RIT	00026	610UL	VS1- 0.91	1.83		0	37	P 2
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 0.89	2.65		0	23	2
			H	VS2-TEC	TEH-TEC		00025	610UL	VS3- 1.66	1.56		0	25	P 2
			C	TEC-BW1	TEC-TEH		00010	610UL	VS3- 1.41	3.17		0	41	P 2
			C	TEC-BW1	TEC-BW1	RPI	00026	610UL	VS3- 1.32	2.87		0	43	P 2
74	77		C	TEC-TEH	TEC-TEH		00059	610UL	VS3- 0.74	0.97		0	27	P 2
150	77		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 0.95	3.18		0	27	2
			C	TEC-TEH	TEC-TEH		00011	610UL	VS1- 0.94	2.42		0	37	P 2
109	78	EXP 1	C	TEC-TEH	TEC-TEH		00031	610UL	BW1- 2.19	0.59		0	26	P 2
117	78		C	TEC-TEH	TEC-TEH		00012	610UL	09H+ 0.08	1.17		0	24	P 2
107	80		C	TEC-TEH	TEC-TEH		00014	610UL	VS3+ 1.16	0.60		0	<20	P 2
140	81		C	TEC-TEH	TEC-VS1		00014	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS1		00025	610UL	BW1- 2.28	0.62		0	<20	P 2
34	83		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TEH-TSH	TEH-TSH		00073	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00056	610UL	TSH+ 0.00	0.18		0	NTE	4
141	84		H	TEH-VS1	TEH-VS1		00025	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00014	610UL	VS3+ 0.91	0.56		0	<20	P 2
159	86		C	TEC-TEH	TEC-VS1	RIT	00025	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

PAGE: 3 OF 10

DATE: 11/18/92

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
159	86		H	-	-		00000			0.00			TBP	
			H	BW1-TEC	TEH-TEC	RPI	00024	610UL	BW1+ 1.44	4.25		0	42	P 2
			C	TEC-TEH	TEC-TEH		00013	610UL	BW1+ 1.47	4.18		0	45	P 2
150	87		H	BW1-BW1	BW1-BW1	RPI	00074	580RC	BW1+ 1.84	6.64		0	43	2
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 1.00	2.83		0	25	2
			H	BW1-TEC	TEH-TEC		00024	610UL	VS1- 0.96	1.61		0	25	P 2
			C	TEC-VS1	TEC-VS1		00013	610UL	VS1- 0.92	2.99		0	40	P 2
156	87		C	TEC-TEH	TEC-VS1	RIT	00025	610UL	VS1- 0.81	1.99		0	26	P 2
			H	TEH-VS1	TEH-VS1		00024	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			C	TEC-VS1	TEC-VS1	PID	00025	610UL	02C+ 0.83	0.76		90	65	P 1
			C	02C-02C	02C-02C	RPI	00085	610RC	02C+ 0.78	0.66		66	62	1
113	88		C	TEC-TEH	TEC-TEH		00013	610UL	02C+ 0.75	0.72		96	57	P 1
			C	TEC-VS2	TEC-VS2		00025	610UL		0.00			NDD	
142	91		H	TEH-VS2	TEH-VS3		00024	610UL	VS3- 0.23	2.04		0	25	P 2
			C	TEC-TEH	TEC-VS1		00014	610UL		0.00			NDD	
117	92	EXP 1	H	TEH-VS1	TEH-VS1		00024	610UL	VS1+ 0.97	0.47		0	<20	P 2
146	95		H	TEH-TEC	TEH-TEC		00030	610UL	09H- 0.27	0.86		0	26	P 2
			C	TEC-TEH	TEC-VS1		00015	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS7		00022	610UL	VS1- 0.68	0.66		0	<20	P 2
116	97	EXP 1	C	TEC-VS2	TEC-VS2		00037	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS2	TEH-09H		00064	610UL	09H- 0.94	1.44		0	27	P 2
			H	TEH-VS2	TEH-VS6		00029	610UL	09H- 0.91	1.78		0	35	P 2
			H	09H-09H	09H-09H		00074	580RC	09H- 0.81	3.01		0	26	2
152	97		H	09H-09H	09H-09H		00074	580RC	09H- 0.19	0.29		0	23	P 1
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1+ 0.80	3.17		0	38	P 2
			H	VS1-VS1	VS1-VS1	RPI	00074	580RC	VS1+ 0.82	6.76		0	43	2
119	98		C	TEC-VS1	TEC-VS1	RPI	00025	610UL	VS1+ 0.91	3.90		0	40	P 2
			H	TEH-02H	TEH-02H		00061	610UL		0.00			NDD	
			H	TEH-02H	TEH-09H		00064	610UL	07H- 1.04	0.78		0	26	P 2
156	99		H	TEH-VS1	TEH-VS5		00022	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00025	610UL	VS7- 0.69	0.95		0	<20	P 2
41	100		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00023	610UL	VS4- 1.04	3.03		0	39	P 2

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
41	100		H	TEH-TEC	TEH-TEC	RPI	00075	610UL	VS4- 0.70	2.17		0	PID	P 2
150	101		H	TEH-TEC	TEH-VS3		00022	610UL		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS7	TEH-VS7	RPI	00075	610UL	VS5- 1.01	3.12		0	PID	P 2
			C	TEC-VS1	TEC-VS1		00025	610UL	VS5- 0.87	3.17		0	36	P 2
143	102		H	TEH-VS1	TEH-VS3		00022	610UL	VS3+ 0.99	1.37		0	23	P 2
			C	TEC-VS1	TEC-VS1		00025	610UL	VS3+ 1.08	0.92		0	<20	P 2
153	102		H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00025	610UL	VS1+ 0.72	1.91		0	25	P 2
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1+ 0.73	2.15		0	31	P 2
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1+ 0.94	2.89		0	25	2
154	103		C	TEC-VS1	TEC-VS1		00025	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00022	610UL	VS3+ 0.0	1.03		0	21	P 2
155	104		H	TEH-VS1	TEH-VS3		00022	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00025	610UL	01C- 0.63	0.58		79	NQI	P 1
			C	TEC-VS1	TEC-04C	PID	00041	610UL	01C- 0.72	0.74		52	NQI	P 1
86	107		C	TEC-TEH	TEC-TEH		00019	610UL	VS3+ 0.99	0.81		0	<20	P 2
150	109		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1- 0.73	0.91		0	<20	P 2
123	110		H	TEH-VS7	TEH-VS7		00023	610UL		0.00			NDD	
			H	08H-08H	08H-08H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			C	TEC-VS7	TEC-08C		00017	610UL	09H- 0.91	0.13		0	31	P 1
			C	TEC-VS7	TEC-TEH		00026	610UL	09H- 0.91	0.43		0	31	P 1
133	110		H	TEH-VS1	TEH-VS7		00023	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00018	610UL	09C- 1.04	0.61		0	<20	P 2
142	111		C	TEC-VS1	TEC-VS1		00024	610UL	VS1+ 0.89	1.76		0	<20	P 2
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1+ 0.91	1.74		0	28	P 2
151	112		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	VS3+ 0.71	0.98		0	<20	P 2
153	112		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	03H-03H	03H-03H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	03H- 0.35	0.81		126	27	P 1
151	114		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	VS1- 0.41	1.14		0	24	P 2
117	116		C	TEC-TEH	TEC-TEH		00018	610UL	09H+ 0.21	1.24		0	25	P 2
151	116		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	VS1- 0.55	1.20		0	25	P 2

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
117	118		H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	09H-09H	09H-09H		00070	610RC	09H- 1.36	0.52		87	28	1
			C	TEC-TEH	TEC-TEH		00018	610UL	09H- 1.29	2.29		0	36	P 2
			H	09H-09H	09H-09H		00074	580RC	09H- 1.09	0.15		72	36	1
147	118		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	VS1+ 0.85	1.60		0	29	P 2
134	121	EXP 2	H	TEH-02H	TEH-02H		00018	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00076	610UL	VS5- 0.73	0.88		0	<20	P 2
142	121	EXP 1	H	TEH-02H	TEH-02H		00018	610UL		0.00			NDD	
			C	TEC-TEH	TEC-09C		00032	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS1		00035	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS1		00038	610UL		0.00			NDD	
			H	TEH-09C	TEH-08C		00036	610UL		0.00			NDD	
			H	TEH-09C	TEH-08C		00036	610UL	VS3- 0.62	1.07		0	20	P 2
89	124	EXP 2	H	TEH-02H	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW2+ 1.33	0.93		0	<20	P 2
107	124	EXP 2	H	TEH-02H	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00068	610UL	BW2+ 1.52	1.97		0	27	P 2
113	124	EXP 1	H	TEH-VS2	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-VS2	TEC-VS2		00036	610UL		0.00			NDD	
			C	TEC-VS2	TEC-VS2		00037	610UL		0.00			NDD	
			H	BW1-VS2	BW1-VS2		00074	580RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TEH-VS2	TEH-VS6		00029	610UL	BW1+ 19.54	1.31		147	25	1
116	125	EXP 1	H	TEH-VS2	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-VS2	TEC-BW1		00037	610UL		0.00			NDD	
			H	TEH-VS2	TEH-VS6		00029	610UL	BW1+ 0.8	1.27		0	29	P 2
			C	TEC-VS2	TEC-08H		00036	610UL	BW1+ 1.14	1.78		0	29	P 2
149	126		C	TEC-TEH	TEC-TEH		00046	610UL	VS3- 0.83	0.99		0	22	P 2
141	128	EXP 1	H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	
			H	TEH-BW1	TEH-VS3		00036	610UL	VS3- 0.45	0.97		0	<20	P 2
			C	TEC-TEH	TEC-BW1		00032	610UL	VS5+ 0.81	2.71		0	32	P 2
61	130		H	TSH-01H	01H-01H	RIT	00069	610RC		0.00			NDD	
			H	TSH-01H	TSH-01H		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-06H		00055	610UL	06H- 1.33	1.11		0	21	P 2
			H	06H-06H	06H-06H		00073	610RC	06H- 0.98	2.31		95	25	5
			C	TEC-TEH	TEC-TEH		00034	610UL	06H- 0.95	1.71		0	22	P 2
			C	TEC-TEH	TEC-TEH		00034	610UL	VS3- 0.90	11.32		182	INR	P 1
99	130	EXP 2	H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1- 1.70	1.57		0	23	P 2
121	130		C	TEC-TEH	TEC-TEH		00046	610UL	VS2- 0.95	1.09		0	23	P 2
94	131	EXP 2	H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
94	131	EXP 2	C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 1.84	0.88		0	<20	P 2
100	131	EXP 2	H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL	VS2- 0.84	1.29		0	<20	P 2
140	131	EXP 1	H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	
			C	TEC-TEH	TEC-BW2		00033	610UL	VS3+ 0.96	2.43		0	37	P 2
			H	TEH-BW2	TEH-VS1		00036	610UL	VS3+ 1.00	2.20		0	32	P 2
			H	TEH-BW2	TEH-09C		00036	610UL	VS5- 1.03	1.25		0	23	P 2
			C	TEC-TEH	TEC-BW2		00033	610UL	VS5- 0.84	2.50		0	37	P 2
91	132	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 2.00	1.09		0	<20	P 2
93	132		H	TEH-03H	TEH-03H		00014	610UL		0.00			NDD	
			H	TEH-03H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS2		00055	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00074	580RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	BW1-BW1	BW1-BW1	RPI	00074	580RC	BW1+ 1.78	0.76		0	40	P 1
			C	TEC-TEH	TEC-TEH	RPI	00037	610UL	BW1+ 2.65	2.66		0	42	P 2
			C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 3.05	0.57	109		BDA	5
			C	TEC-TEH	TEC-08H	RPI	00076	610UL	BW2- 1.49	3.89		0	45	P 2
119	132	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00074	610UL	BW1+ 1.48	0.78		0	<20	P 2
82	133		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 1.35	0.89		0	<20	P 2
92	133	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 3.20	2.29		0	31	P 2
94	133	EXP 2	H	TEH-02H	TEH-03H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 2.45	1.49		0	23	P 2
96	133	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 2.22	0.82		0	<20	P 2
83	134		C	TEC-TEH	-		00036	610UL		0.00			BDA	
			C	TEC-TEH	TEC-TEH		00037	610UL	BW1+ 1.86	1.19		0	29	P 2
85	134		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.03	1.65		0	26	P 2
87	134		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.17	0.84		0	<20	P 2
91	134		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.39	1.86		0	30	P 2
93	134	EXP 2	H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 1.86	1.99		0	27	P 2
95	134		C	TEC-TEH	TEC-TEH		00036	610UL	BW1- 2.41	1.11		0	21	P 2
			C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 1.87	1.93		0	31	P 2
86	135		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.04	1.14		0	22	P 2
88	135		C	TEC-TEH	TEC-TEH		00036	610UL	08H- 0.51	1.91		0	34	P 2
90	135		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.23	0.64		0	<20	P 2
92	135	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	07H+ 0.77	1.83		0	27	P 2

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

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DATE: 11/18/92

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
92	135	EXP 2	C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 1.84	2.06		0	28	P 2
94	135		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.55	2.39		0	38	P 2
96	135		C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 2.69	2.23		0	33	P 2
98	135	EXP 2	H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1- 3.26	0.88		0	<20	P 2
114	135	EXP 1	H	TEH-VS6	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-VS6	TEC-TEH		00036	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	08H-BW1	08H-09H	RIT	00074	580RC	08H+ 37.27	1.31		154	<20	2
			C	TEC-VS6	TEC-TEH	RPI	00043	610UL	08H+ 38.25	0.49		142	PID	1
			H	TEH-VS6	TEH-VS6	RPI	00029	610UL	08H+ 38.63	0.45		133	NQI	1
			C	TEC-VS6	TEC-TEH		00043	610UL	BW1- 1.83	0.78		0	<20	P 2
73	136		C	TEC-TEH	TEC-TEH		00038	610UL	08H- 0.84	2.11		0	25	P 2
77	136		C	TEC-TEH	TEC-TEH		00038	610UL	BW1+ 1.88	0.97		0	<20	P 2
81	136		C	TEC-TEH	TEC-TEH		00038	610UL	BW1+ 1.45	1.48		0	25	P 2
			C	TEC-TEH	TEC-TEH		00038	610UL	TSC- 0.37	10.89		4	ETL	4
95	136	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 2.29	2.16		0	29	P 2
97	136	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1- 2.38	1.31		0	20	P 2
123	136	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00074	610UL	VS5+ 0.90	1.22		0	25	P 2
76	137		C	TEC-TEH	TEC-TEH		00038	610UL	BW1- 0.71	1.14		0	20	P 2
86	137		C	TEC-TEH	TEC-TEH		00038	610UL	VS3- 0.92	2.21		0	25	P 2
72	139		C	TEC-TEH	TEC-TEH		00039	610UL	VS3- 0.86	0.48		0	<20	P 2
80	139		C	TEC-TEH	TEC-TEH		00039	610UL	BW1+ 1.93	0.78		0	21	P 2
86	139		C	TEC-TEH	TEC-TEH		00039	610UL	BW1+ 1.66	0.43		0	<20	P 2
47	140		C	TEC-TEH	TEC-TEH		00021	610UL	VS4- 0.91	1.15		0	22	P 2
69	140		C	TEC-TEH	TEC-TEH		00039	610UL	08H- 0.64	0.56		0	<20	P 2
73	140		C	TEC-TEH	TEC-TEH		00040	610UL	08H- 0.86	0.47		0	<20	P 2
85	140		C	TEC-TEH	TEC-TEH		00040	610UL	BW1+ 2.15	1.03		0	24	P 2
130	141	EXP 1	H	TEH-02H	TEH-02H		00013	610UL		0.00			NDD	
			C	TEC-TEH	TEC-07C		00033	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS1		00038	610UL		0.00			NDD	
			H	TEH-07C	TEH-05C		00036	610UL	VS7- 0.61	1.61		0	27	P 2
74	143		H	TEH-02H	TEH-02H		00011	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00040	610UL	BW1- 1.72	1.87		0	28	P 2
130	143	EXP 1	H	09H-09H	TEH-02H		00012	610UL		0.00			NDD	
			H	09H-09H	09H-09H		00069	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	

CUMULATIVE REPORT
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STEAM GENERATOR: 31

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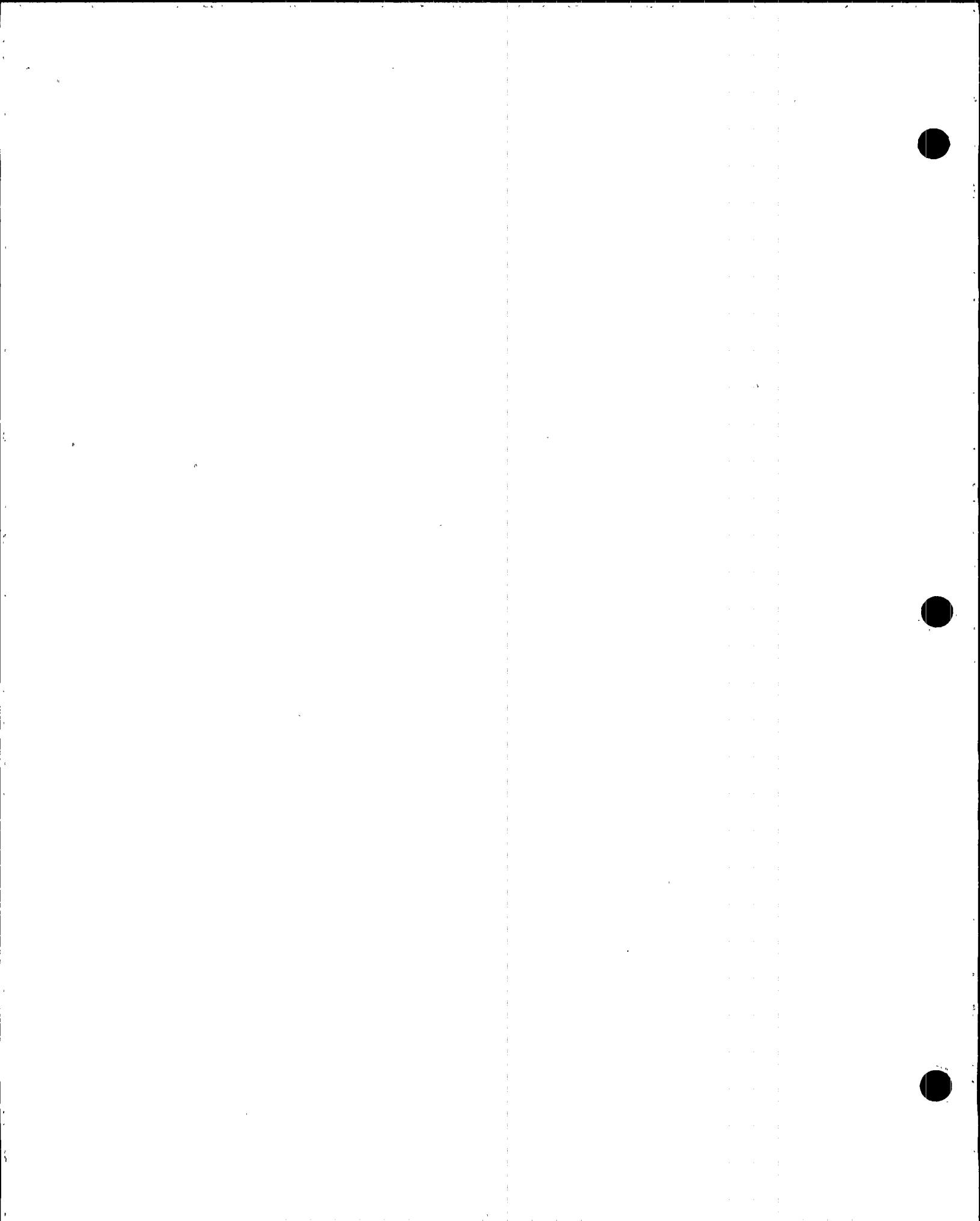
LOCATION: ALL

DATE: 11/18/92

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

TIME: 09:06:44

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
130	143	EXP 1	H	TEH-09H	TEH-BW1		00036	61OUL	09H+ 0.73	1.61		0	27	P 2
			C	TEC-TEH	TEC-09H		00033	61OUL	09H+ 1.14	2.50		0	37	P 2
131	144	EXP 1	H	TEH-02H	TEH-02H		00011	61OUL		0.00			NDD	
			H	09H-09H	09H-09H		00069	61ORC		0.00			NDD	
			H	01H-01H	01H-01H		00069	61ORC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	61ORC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-09H	TEH-BW1		00036	61OUL	09H+ 0.79	2.14		0	32	P 2
			H	09H-09H	09H-09H		00074	58ORC	09H+ 0.95	3.01	161	<20	P 2	
			C	TEC-TEH	TEC-09H		00033	61OUL	09H+ 1.13	2.17	0	35	P 2	
130	145	EXP 1	H	TEH-02H	TEH-02H		00011	61OUL		0.00			NDD	
			C	TEC-TEH	TEC-09H		00033	61OUL	VS1+ 0.75	1.59	0	30	P 2	
57	148		C	TEC-TEH	TEC-TEH		00047	61OUL	VS5- 0.81	0.57	0	<20	P 2	
99	148	EXP 2	H	BW1-VS2	TEH-02H		00010	61OUL		0.00			NDD	
			H	BW1-VS2	BW1-VS2		00074	58ORC		0.00			NDD	
			H	TEH-BW1	TEH-08C		00066	61OUL	BW1+ 12.06	0.76	187	INR	1	
			C	TEC-BW1	TEC-TEH	RPI	00063	61OUL	BW1+ 12.10	0.70	72	NQI	1	
122	149	EXP 2	H	TEH-VS1	TEH-02H		00010	61OUL		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS1	TEH-VS1	RPI	00075	61OUL	BW1+ 2.07	1.88	0	PID	P 2	
			C	TEC-TEH	TEC-TEH		00072	61OUL	BW1+ 2.33	2.35	0	37	P 2	
124	149	EXP 2	H	BW1-BW1	TEH-02H		00010	61OUL		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS6	TEH-VS6	RPI	00062	61OUL	BW1+ 1.41	0.88	0	PID	P 2	
			H	BW1-BW1	BW1-BW1	RPI	00074	58ORC	BW1+ 2.07	0.56	57	49	1	
			C	TEC-TEH	TEC-TEH	RPI	00072	61OUL	BW1+ 2.95	4.23	0	44	P 2	
41	150		C	TEC-TEH	TEC-TEH		00047	61OUL	VS4- 0.69	0.63	0	<20	P 2	
111	150		C	TEC-TEH	TEC-TEH		00045	61OUL	BW1+ 1.18	0.80	0	20	P 2	
117	150		C	TEC-TEH	TEC-TEH		00045	61OUL	09H+ 1.87	0.90	0	21	P 2	
95	152	EXP 1	H	TEH-02H	TEH-03H		00001	61OUL		0.00			NDD	
			H	TEH-TEC	TEH-TEC		00028	61OUL	VS2- 1.18	0.57	0	<20	P 2	
97	154		H	TEH-03H	TEH-03H		00001	61OUL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	61ORC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00043	61OUL	VS2- 0.91	1.09	0	24	P 2	
113	154	EXP 1	H	TEH-VS2	TEH-02H		00001	61OUL		0.00			NDD	
			H	TEH-VS2	TEH-VS6		00029	61OUL		0.00			NDD	
			C	TEC-VS2	TEC-08H		00043	61OUL	BW1+ 1.54	0.66	0	<20	P 2	
123	154		C	04C-04C	04C-04C		00086	61ORC		0.00			NDD	
			C	01C-01C	01C-01C		00086	61ORC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00086	61ORC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00045	61OUL	04C+ 0.81	0.82	132	33	P 1	
116	155	EXP 1	H	TEH-VS2	TEH-03H		00001	61OUL		0.00			NDD	
			H	TEH-VS2	TEH-VS6		00028	61OUL		0.00			NDD	
			C	TEC-VS2	TEC-07H		00043	61OUL	BW1- 1.20	0.48	0	<20	P 2	



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

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DATE: 11/18/92

TIME: 09:06:44

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION		VOLTS	CURRENT			
				PROGRAM	ACTUAL							MIL	DEG	%	CH
69	156		C	TEC-TEH	TEC-TEH		00043	610UL	08H+ 0.94		0.95		0	21	P 2
87	156	EXP 2	H	TEH-02H	TEH-02H		00002	610UL			0.00			NDD	
			C	TEC-TEH	TEC-TEH		00063	610UL	VS3- 0.77		1.18		0	<20	P 2
99	156		C	TEC-TEH	TEC-TEH		00043	610UL	BW1+ 1.34		0.56		0	<20	P 2
113	158	EXP 1	H	TEH-VS2	TEH-02H		00004	610UL			0.00			NDD	
			H	TEH-VS2	TEH-VS6		00028	610UL	BW1+ 1.43		0.81		0	23	P 2
			C	TEC-VS2	TEC-BW1		00043	610UL	BW1+ 2.01		1.17		0	24	P 2
103	160		H	-	-		00000				0.00			TBP	
			C	TEC-TEH	TEC-TEH		00045	610UL	BW1+ 1.28		1.96		0	35	P 2
			H	BW1-BW1	BW1-BW1		00074	580RC	BW1+ 1.89		2.41	145	<20	P 2	
72	161	EXP 2	H	TEH-02H	TEH-02H		00004	610UL			0.00			NDD	
			C	TEC-TEH	TEC-TEH		00060	610UL	08H- 0.09		0.92		0	21	P 2
80	161	EXP 2	H	TEH-02H	TEH-02H		00004	610UL			0.00			NDD	
			C	TEC-TEH	TEC-TEH		00060	610UL	08H- 0.21		0.90		0	21	P 2
93	162	EXP 1	H	TEH-08H	TEH-03H		00004	610UL			0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC			0.00			NDD	
			H	07H-07H	07H-07H		00073	610RC	07H+ 0.84		0.63	147	<20	1	
			H	TEH-08H	TEH-08H		00028	610UL	07H+ 0.90		0.81		0	23	P 2
			H	TEH-08H	TEH-BW1		00060	610UL	07H+ 0.96		1.17		0	<20	P 2
			C	TEC-08H	TEC-06H		00043	610UL	07H+ 1.03		0.55		0	<20	P 2
			H	TEH-08H	TEH-VS1		00036	610UL	07H+ 1.20		1.58		0	27	P 2
97	162	EXP 1	H	07H-07H	TEH-03H		00004	610UL			0.00			NDD	
			H	07H-07H	07H-07H		00073	610RC			0.00			NDD	
			H	07H-07H	07H-07H		00069	610RC			0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC			0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC			0.00			NDD	
			H	TEH-08H	TEH-BW1		00060	610UL	07H+ 0.86		0.80		0	<20	P 2
			H	TEH-08H	TEH-08H		00028	610UL	07H+ 0.87		0.54		0	<20	P 2
			H	TSH-VS3	TSH-VS3		00036	610UL	07H+ 0.90		1.61		0	27	P 2
			C	TEC-08H	TEC-06H		00043	610UL	07H+ 1.10		0.48		0	<20	P 2
42	163		C	TEC-TEH	TEC-TEH		00048	610UL	02H+ 0.47		0.61	135	<20	P 1	
92	163	EXP 1	H	TEH-BW1	TEH-03H		00004	610UL			0.00			NDD	
			H	TEH-BW1	TEH-VS6		00028	610UL			0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC			0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC			0.00			NDD	
			H	-	-		00000				0.00			TBP	
			C	TEC-BW1	TEC-BW1		00043	610UL	BW1+ 2.27		2.38		0	37	P 2
			H	BW1-BW1	BW1-BW1		00074	580RC	BW1+ 2.38		1.96		0	<20	2
94	163	EXP 1	H	TEH-08H	TEH-03H		00004	610UL			0.00			NDD	
			H	TEH-08H	TEH-08H		00028	610UL	08H- 0.19		0.56	128	26	P 1	
			C	TEC-06H	TEC-06H		00043	610UL	08H- 0.17		0.33	127	<20	P 1	
80	169	EXP 2	H	TEH-02H	TEH-03H		00006	610UL			0.00			NDD	
			C	TEC-TEH	TEC-TEH		00062	610UL	08H- 0.17		0.74		0	<20	P 2
1	170		H	TEH-07H	TEH-07H		00007	610UL			0.00			NDD	
			C	TEC-07H	TEC-07H		00054	590SF			0.00			NDD	

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31

PAGE: 10 OF 10

LOCATION: ALL

DATE: 11/18/92

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, OBS, PID, SAI, SCI, NTE, PLP, TBP)

TIME: 09:06:44

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
1	170		C	02C-02C	02C-02C		00085	610RC	02C+ 1.37	2.33		0	PLP	8
71	170		C	TEC-TEH	TEC-TEH		00044	610UL	08H- 0.98	1.23		0	29	P 2
75	170		C	TEC-TEH	TEC-TEH		00044	610UL	08H- 1.98	0.82		0	22	P 2
77	172	EXP 2	H	TEH-02H	TEH-03H		00007	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00062	610UL	VS5- 1.01	0.50		0	<20	P 2
83	172		C	TEC-TEH	TEC-TEH		00044	610UL	VS5- 0.74	1.61		0	33	P 2
66	179		C	TEC-TEH	TEC-TEH		00044	610UL	BW1+ 1.79	0.74		0	<20	P 2
41	184		H	-	-		00000			0.00			TBP	
			H	TEH-TEC	TEH-TEC	RPI	00075	610UL	TSC+ 0.49	0.23		0	PID	P 1
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.34	0.12		0	PLP	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.04	3.04		120	25	4
			C	TEC-TEH	TEC-TEH		00000	610UL	TSC+ 0.0	0.00			PLP	
40	185		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 1.22	1.06		212	PLP	8
			C	TEC-TEH	TEC-02C	RPI	00055	610UL	TSC+ 0.56	1.28		112	PID	P 4
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.38	0.07		0	PLP	8
			C	TEC-TEH	TEC-TEH	PID	00052	590SF	TSC+ 0.12	1.55		103	DTI	P 1
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.11	1.08		134	32	1
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.09	1.50		103	DTI	P 1
			C	TEC-TEH	TEC-TEH		00052	590SF	TSC- 0.40	31.97		20	ETL	4
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC- 0.43	33.57		12	ETL	4
42	185		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.87	0.82		208	PLP	8
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.35	0.18		0	PLP	8
			C	TSC-TSC	TSC-TSC	RPI	00085	610RC	TSC+ 0.16	3.28		108	42	1
			C	TEC-TEH	TEC-TEH	PID	00052	590SF	TSC+ 0.14	12.42		163	DTI	P 1
			C	TEC-TEH	TEC-01C	RPI	00055	610UL	TSC+ 0.00	4.15		68	PID	P 4
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.75	3.83		180	SLG	10
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC- 0.06	11.19		159	DTI	P 1
29	186		C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC	01C+ 0.72	0.72		0	PLP	8

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 157

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

MAP OPTIONS:

Plot data from current examination only

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3.

STEAM GENERATOR: 32

LOCATION: ALL

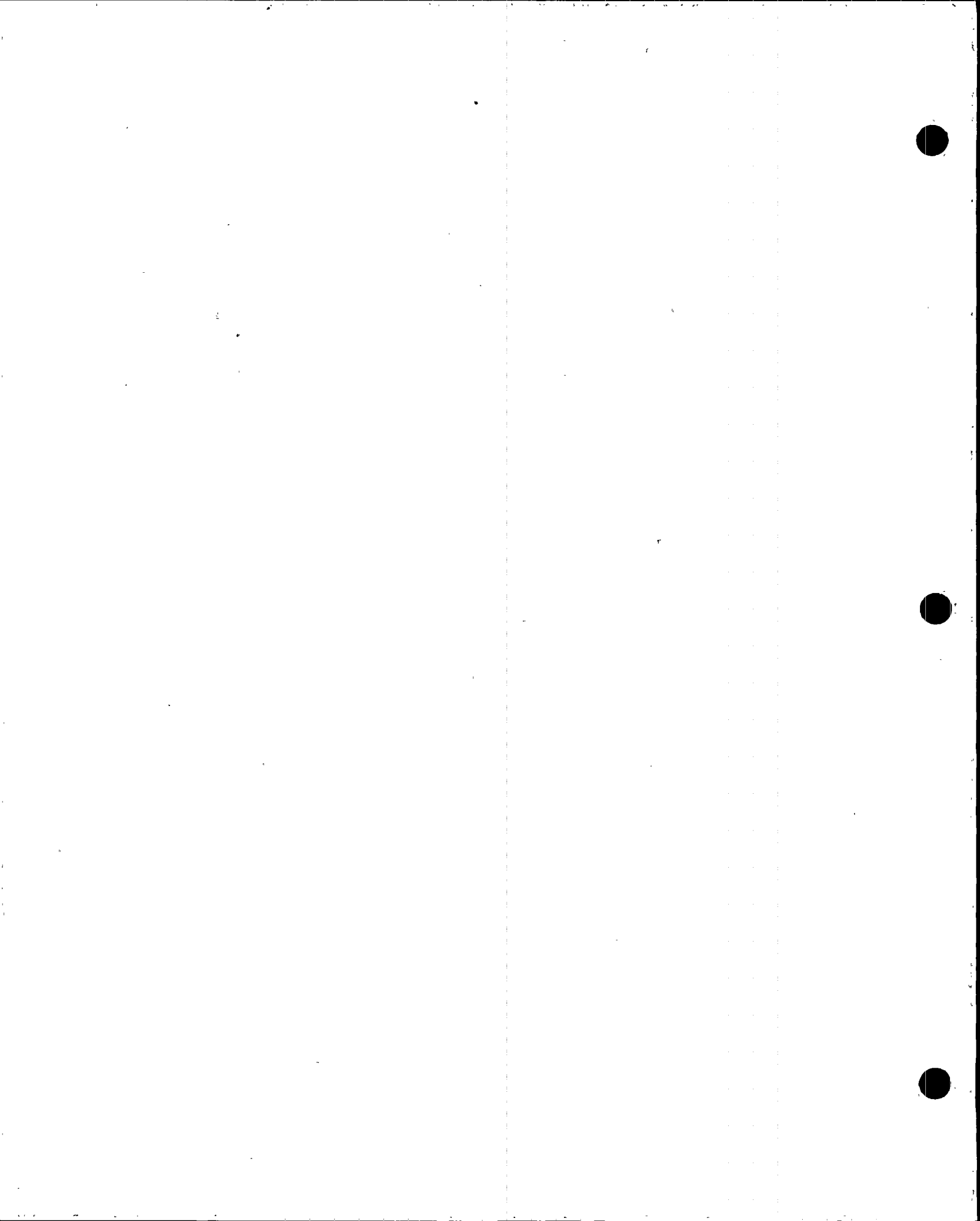
CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, PID, SAI, SCI, NTE, OBS, PLP)

PAGE: 1 OF 4

DATE: 11/18/92

TIME: 09:56:37

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
7	4		C	TEC-TEH	TEC-BW2	RIT	00001	610UL		0.00			OBS	
			H	07H-07H	07H-BW1		00053	610RC		0.00			NDD	
			H	TEH-07C	TEH-07C	RPI	00026	610UL	07H- 0.58	0.38		101	NQI	P 1
47	6		C	TEC-TEH	TEC-TEH		00001	610UL	VS4+ 0.81	0.93		0	<20	P 2
50	13		H	TEH-02H	TEH-02H		00037	610UL	01H- 0.67	0.85		0	<20	P 2
81	16		C	TEC-TEH	TEC-TEH		00009	610UL	VS3- 0.79	0.57		0	<20	P 2
1	18		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-TSH	TEH-TSH		00053	610RC		0.00			NDD	
			H	TEH-07H	TEH-02H		00036	610UL	TSH+ 0.00	1.12		136	NTE	4
			H	TEH-07H	TEH-07H	RIC	00048	610UL	TSH+ 0.00	0.38		0	NTE	4
20	25		H	TEH-TSH	TEH-TSH		00053	610RC		0.00			NDD	
			H	TEH-02H	TEH-03H		00036	610UL	TSH+ 0.00	1.35		59	NTE	4
118	33		C	TEC-BW2	TEC-09C		00012	610UL		0.00			OBS	
			C	TEC-BW2	TEC-09C		00033	610UL		0.00			NDD	
			H	TEH-BW2	TEH-VS6		00026	610UL		0.00			NDD	
			C	TEC-BW2	TEC-BW2		00039	610UL		0.00			NDD	
			H	TEH-BW2	TEH-VS6		00039	610UL		0.00			NDD	
			H	TEH-BW2	TEH-TEC	RIC	00049	610UL		0.00			NDD	
97	34		H	TEH-02H	TEH-02H		00040	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00008	610UL	VS3+ 0.95	10.13		171	INR	P 1
			C	TEC-TEH	TEC-TEH		00008	610UL	VS5+ 1.19	6.74		172	INR	P 1
			C	TEC-TEH	TEC-TEH		00008	610UL	VS6- 1.00	0.95		0	<20	P 2
97	44		C	TEC-TEH	TEC-TEH		00008	610UL	VS3+ 0.84	1.26		0	<20	P 2
85	46		C	TEC-TEH	TEC-TEH		00008	610UL	VS5+ 0.89	2.70		0	31	P 2
74	47		C	TEC-TEH	TEC-TEH		00008	610UL	VS3- 0.92	1.89		0	25	P 2
145	56		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TSC-TSC	TEC-TSC		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00013	610UL	TSC- 0.00	0.90		87	NTE	4
1	64		H	TEH-07H	TEH-07H		00030	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.13to+ 0.46	1.69		0	PLP	10
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.86to+ 1.16	3.33		0	PLP	10
3	64		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00048	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.00to+ 0.86	1.86		257	PLP	10
2	65		H	TEH-07H	TEH-07H		00030	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.78to+ 1.32	1.44		0	PLP	10
57	70		C	TEC-TEH	TEC-TEH		00005	610UL	VS3+ 0.84	0.61		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00005	610UL	VS5- 0.76	0.74		0	21	P 2
75	70		C	TEC-TEH	TEC-TEH		00052	610UL	07C- 0.73	0.80		135	<20	P 1
			C	TEC-TEH	TEC-TEH		00041	610UL	07C- 0.85	1.00		136	<20	P 1



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, PID, SAI, SCI, NTE, OBS, PLP)

PAGE: 2 OF 4

DATE: 11/18/92

TIME: 09:56:37

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
44	71		C	TEC-TEH	TEC-TEH		00053	610UL	VS4- 0.74	0.57		0	<20	P 2
155	78		C	TEC-VS1	TEC-VS1		00033	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
			H	TEH-VS1	TEH-VS1		00023	610UL	TSH+ 0.49	0.77		43	NQI	1
			H	TEH-VS1	TEH-02H	PID	00047	610UL	TSH+ 0.63	0.43		48	PID	1
70	79		C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 0.31	5.30			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL	VS5- 0.88	1.95		41	27	P 2
145	86		H	TEH-VS1	TEH-VS1		00022	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00032	610UL	VS1- 0.77	0.69		0	<20	P 2
149	86		H	TEH-VS1	TEH-VS1		00022	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00032	610UL	VS1- 0.72	0.80		0	<20	P 2
159	88		H	TEH-VS1	TEH-VS1		00022	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00032	610UL	VS3- 0.78	1.31		0	24	P 2
127	94		C	TEC-TEH	TEC-VS1		00019	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00047	610UL	08H+ 0.78	0.40		0	<20	P 1
159	96		H	VS1-VS1	VS1-VS3		00056	580RC		0.00			NDD	
			H	TEH-VS1	TEH-VS1		00022	610UL	VS1- 0.23	0.96		126	32	P 1
			C	TEC-VS1	TEC-VS1		00031	610UL	VS1- 0.14	0.63		0	<20	P 2
36	103		C	TEC-TEH	TEC-TEH		00022	610UL	VS4- 1.00	1.99		0	30	P 2
145	108		H	TEH-VS1	TEH-VS7		00020	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00030	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS7		00021	610UL	VS1+ 0.00	1.17		0	<20	P 2
155	108		C	TEC-VS1	TEC-VS1		00030	610UL		0.00			NDD	
			H	TEH-VS1	TEH-BW2		00050	610UL		0.00			NDD	
			H	BW1-VS1	BW1-VS1		00056	580RC		0.00			NDD	
			H	TEH-VS1	TEH-VS1	RPI	00021	610UL	BW1+ 29.49	0.39		116	NQI	1
			H	TEH-VS1	TEH-09C		00050	610UL	BW1+ 29.49	0.00			INF	
			H	TEH-VS1	TEH-VS1	RPI	00021	610UL	BW1+ 30.26	0.66		58	NQI	1
			H	09C-TEC	09C-TEC		00050	610UL	BW1+ 30.26	0.00			INF	
50	109		H	TEH-02H	TEH-02H		00027	610UL		0.00			TNC	
			H	TSH-TSH	TSH-01H		00053	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC	TSH+ 0.00to+ 0.30	1.76		183	SLG	1
			H	TEH-02H	TEH-02H	PID	00046	610UL	TSH+ 0.94	0.75		12	PID	1
			H	TEH-02H	TEH-02H		00028	610UL	TSH+ 1.07	0.49		45	NQI	P 1
			H	TEH-TEC	TEH-01H	RIT	00027	610UL	TSH+ 1.07	35.05			SLG	8
48	115		H	TEH-02H	TEH-02H		00026	610UL	01H- 0.60	0.59		0	<20	P 2
56	115		H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	01H-02H	TEH-02H	RPI	00046	610UL	01H- 0.38	0.24		172	PID	P 1
			H	TEH-01H	TEH-01H	RPI	00026	610UL	01H- 0.18	0.25		66	NQI	P 1
97	120		C	TEC-TEH	TEC-TEH		00025	610UL	VS2- 1.36	1.04		0	25	P 2
149	120		C	TEC-VS1	TEC-VS5	RIT	00029	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS5	RIT	00029	610UL		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00029	610UL		0.00			NDD	

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

LOCATION: ALL

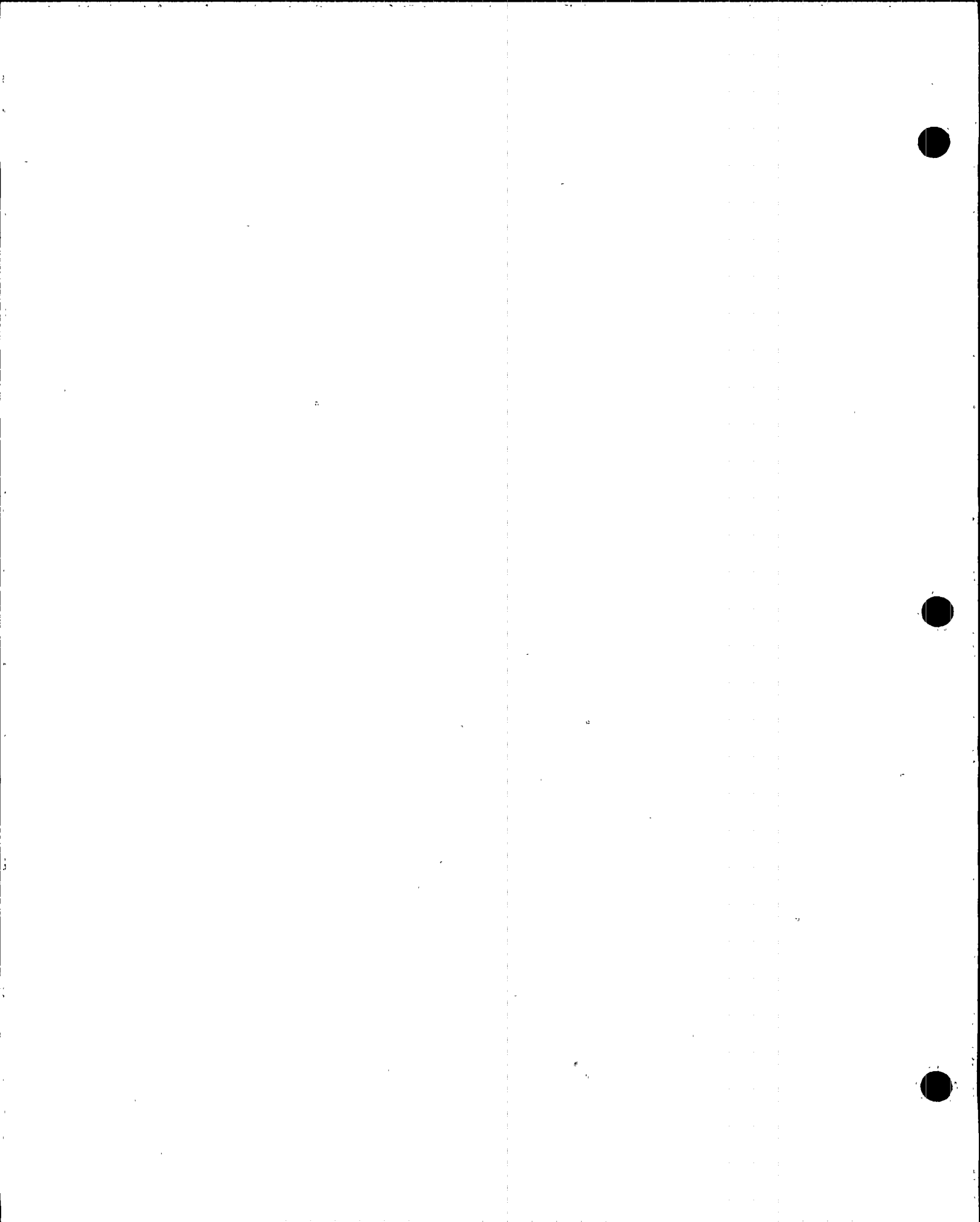
CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, PID, SAI, SCI, NTE, OBS, PLP)

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DATE: 11/18/92

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
149	120		H	TEH-VS1	TEH-VS1		00020	610UL	BW1+ 1.62	0.87		0	20	P 2
139	140		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TEC-TSC	TEC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00046	610UL	TSC+ 0.00	1.00		70	NTE	4
129	150		C	TEC-TEH	TEC-TEH		00044	610UL	BW2- 1.56	1.83		0	27	P 2
97	152		H	TEH-02H	TEH-02H		00000	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00038	610UL	VS5+ 1.04	1.19		0	<20	P 2
99	152		C	TEC-TEH	TEC-TEH		00038	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00038	610UL	BW1+ 2.19	1.68		0	22	P 2
99	154		H	VS2-VS2	BW1-VS2		00056	580RC		0.00			NDD	
			H	VS2-VS2	VS2-VS2		00056	580RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00038	610UL	VS2+ 3.22	1.00		133	33	1
99	156		C	TEC-TEH	TEC-TEH		00051	610UL	BW1+ 1.42	0.45		138	<20	P 1
121	156		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TEC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TSC	TEC-TSC	RIC	00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.00	10.88		278	NTE	6
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.00	10.87		278	NTE	6
92	171		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.20to+ 0.53	1.13		96	PLP	10
48	183		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH	RPI	00049	610UL	03C+ 0.95	0.59		0	NQI	P 1
			H	TEH-TEC	TEH-TEC		00049	610UL	03C+ 0.95	0.41		105	PID	P 1
49	184		C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00050	610UL	VS4+ 0.90	0.90		0	<20	P 2
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.64	0.52		285	PLP	10
44	185		C	TEC-TEH	TEC-TEH		00050	610UL	02H+ 2.19	1.00		171	<20	1



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

LOCATION: ALL

CRITERIA: ALL INDICATIONS (0% TO 100%, BLI, DRI, DSI, DTI, MAI, MCI, NQI, PID, SAI,
SCI, NTE, OBS, PLP)

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NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 44

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

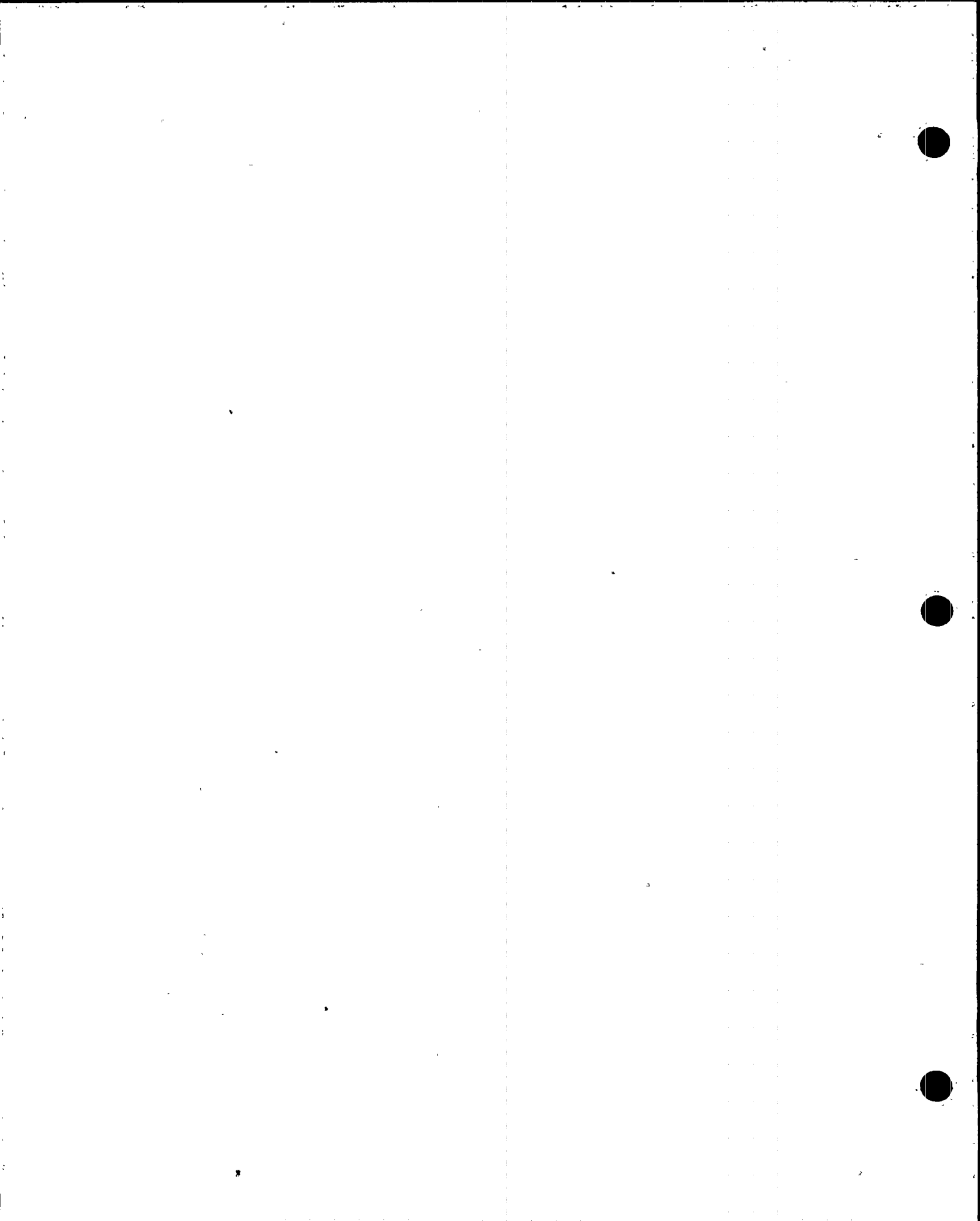
MAP OPTIONS:

Plot data from current examination only



APPENDIX D

SUMMARY DATA SHEETS MRPC



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
LOCATION: ALL
CRITERIA: PROBES = 610RC, 580RC

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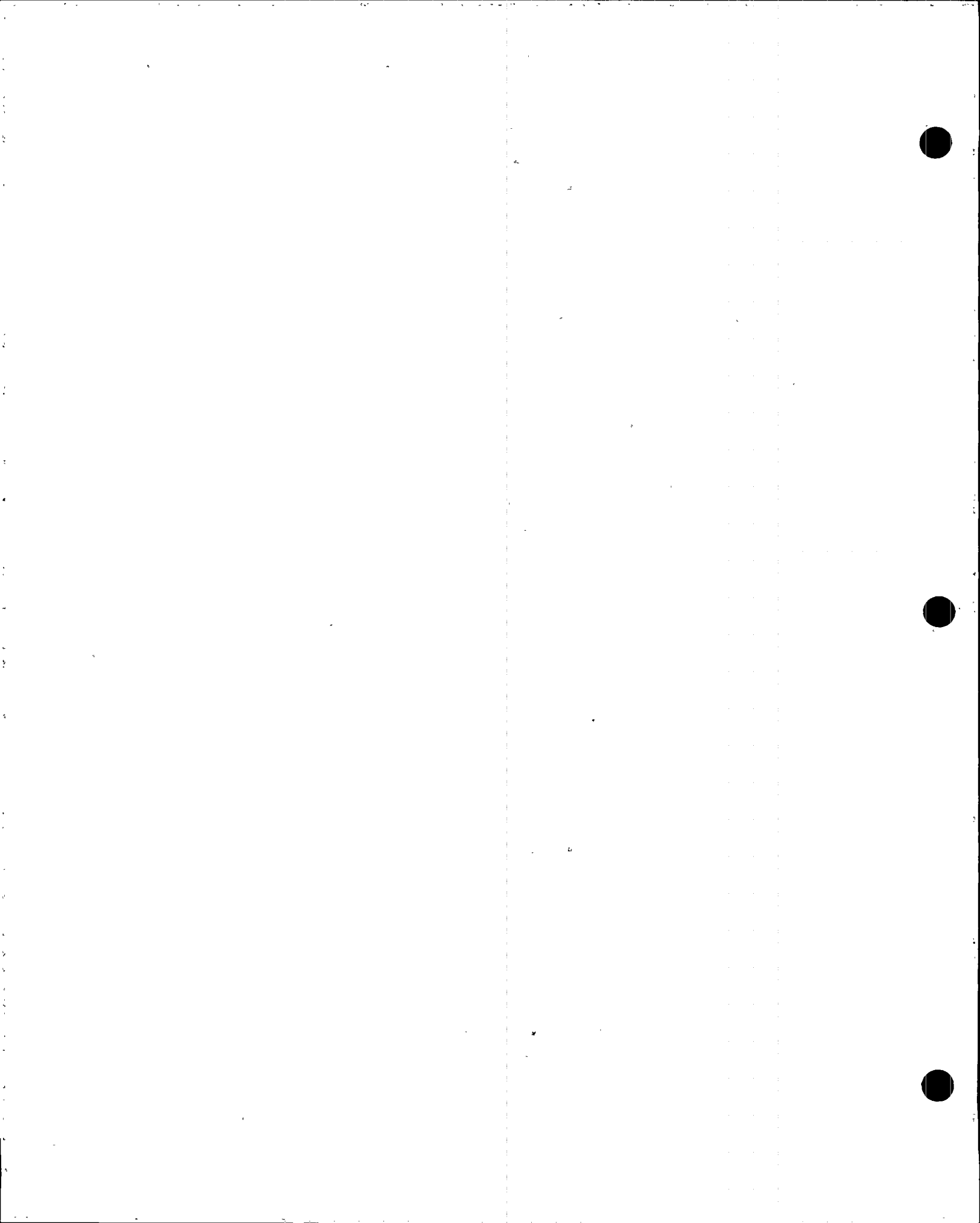
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
65	10		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
64	11		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
70	11		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00086	610RC		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
65	12		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
67	12		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
69	12		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00086	610RC		0.00			NDD	
35	28		H	02H-02H	02H-02H		00073	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H	RPI	00042	610UL	TSH- 0.03	9.78		351	DTI	P 1
			H	TEH-02H	TEH-02H		00059	610UL	TSH+ 0.22	0.00			INR	
118	37	EXP 1	H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	09C-TEC	09C-TEC		00034	610UL	TSH+ 2.20	1.36		147	BDA	1
			H	TEH-09H	TEH-VS3		00034	610UL	09H- 1.17	0.61		0	<20	P 2
			H	TEH-09H	TEH-VS3		00034	610UL	09H+ 0.98	1.00		0	20	P 2
			C	TEC-TEH	TEC-09H		00030	610UL	09H+ 1.24	2.38		0	35	P 2
2	39		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-BW1		00041	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	41		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-BW1		00041	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	43		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-BW1		00041	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	45		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-BW1		00041	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
131	46	EXP 1	H	TEH-VS3	TEH-VS3		00035	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	08H-TEC	TEH-TEC		00034	610UL	09H- 0.28	0.65		0	<20	P 2
			C	TEC-TEH	TEC-TEH		00031	610UL	09H- 0.08	0.43		81	NQI	P 1
2	47		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
LOCATION: ALL
CRITERIA: PROBES = 610RC,580RC

PAGE: 2 OF 15
DATE: 11/18/92
TIME: 09:32:28

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
2	47		C	TEC-07H	TEC-BW1		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-BW1		00041	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	49		C	TEC-07H	TEC-07C		00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-BW2		00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-07H		00027	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00039	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
71	50		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	08H- 1.14	0.91		0	30	P2
			H	08H-08H	08H-08H		00074	580RC	08H+ 0.81	2.31		0	21	2
2	51		C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-07H		00039	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	53		C	TEC-07H	TEC-BW2		00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-07H		00027	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00038	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
2	55		C	TEC-07H	TEC-BW2	RIT	00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-07H		00038	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
145	56		C	TEC-TSC	TEC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00007	610UL	TSC+ 0.00	2.13		0	NTE	4
2	57		C	TEC-07H	TEC-BW2	RIT	00001	590SF		0.00			NDD	
			C	TEC-07H	TEC-07H		00001	590SF		0.00			NDD	
			H	TEH-07H	TEH-07H		00038	610UL		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
			C	07C-07H	07C-07H		00087	580RC		0.00			NDD	
43	60		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.62	11.78			SLG	8
37	64		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.72	14.11			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.43to+ 1.77	5.41		191	SLG	10
39	64		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	



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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
39	64		C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.78	13.79			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.61to+ 1.96	0.63		117	SLG	10
40	65		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.84	18.67			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.51to+ 2.04	2.03		0	SLG	10
37	66		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.66	14.28			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.47to+ 0.78	6.18		14	SLG	10
39	66		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.81	20.03			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.67to+ 2.11	6.92		5	SLG	10
147	66	EXP 1	C	TEC-BW1	TEC-09H		00031	610UL		0.00			NDD	
			H	TEH-BW1	TEH-BW1		00035	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00074	580RC		0.00			NDD	
			H	TEH-BW1	TEH-02H		00059	610UL	01H- 0.12	0.00			INR	P 1
148	69	EXP 1	C	TEC-TEH	TEC-TEH		00032	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00032	610UL	01C+ 0.59	10.96			SLG	8
33	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.66	12.68			SLG	8
35	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.74	15.74			SLG	8
37	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 1.01	25.23			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.47to+ 1.27	3.38		8	SLG	10
39	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
39	70		C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.87	21.35			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.49to+ 1.20	3.30		250	SLG	10
41	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00084	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00084	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.75	14.99			SLG	8
			C	01C-01C	01C-01C		00084	610RC	01C+ 0.50to+ 1.11	4.23		174	SLG	10
43	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.65	12.05			SLG	8
150	73		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			C	TEC-BW1	TEC-TEH		00010	610UL	VS1- 1.05	1.95		0	34	P 2
			H	VS2-TEC	TEH-TEC		00025	610UL	VS1- 0.99	2.86		0	36	P 2
			C	TEC-TEH	TEC-BW1	RIT	00026	610UL	VS1- 0.91	1.83		0	37	P 2
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 0.89	2.65		0	23	2
			H	VS2-TEC	TEH-TEC		00025	610UL	VS3- 1.66	1.56		0	25	P 2
			C	TEC-BW1	TEC-TEH		00010	610UL	VS3- 1.41	3.17		0	41	P 2
			C	TEC-BW1	TEC-BW1	RPI	00026	610UL	VS3- 1.32	2.87		0	43	P 2
150	77		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 0.95	3.18		0	27	2
			C	TEC-TEH	TEC-TEH		00011	610UL	VS1- 0.94	2.42		0	37	P 2
114	79		C	TEC-TEH	TEC-TEH		00012	610UL		0.00			NDD	
			C	TSC-01C	TSC-01C		00085	610RC		0.00			NDD	
34	83		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TEH-TSH	TEH-TSH		00073	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00056	610UL	TSH+ 0.00	0.18		0	NTE	4
159	86		C	TEC-TEH	TEC-VS1	RIT	00025	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	BW1-TEC	TEH-TEC	RPI	00024	610UL	BW1+ 1.44	4.25		0	42	P 2
			C	TEC-TEH	TEC-TEH		00013	610UL	BW1+ 1.47	4.18		0	45	P 2
			H	BW1-BW1	BW1-BW1	RPI	00074	580RC	BW1+ 1.84	6.64		0	43	2
150	87		H	01H-01H	01H-01H		00073	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00073	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1- 1.00	2.83		0	25	2
			H	BW1-TEC	TEH-TEC		00024	610UL	VS1- 0.96	1.61		0	25	P 2
			C	TEC-VS1	TEC-VS1		00013	610UL	VS1- 0.92	2.99		0	40	P 2

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
150	87		C	TEC-TEH	TEC-VS1	RIT	00025	610UL	VS1- 0.81	1.99		0	26	P 2
156	87		H	TEH-VS1	TEH-VS1		00024	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			C	TEC-VS1	TEC-VS1	PID	00025	610UL	02C+ 0.83	0.76		90	65	P 1
			C	02C-02C	02C-02C	RPI	00085	610RC	02C+ 0.78	0.66		66	62	1
			C	TEC-TEH	TEC-TEH		00013	610UL	02C+ 0.75	0.72		96	57	P 1
156	95		C	TEC-TEH	TEC-VS1		00015	610UL		0.00			NDD	
			H	TEH-VS1	TEH-VS7		00022	610UL		0.00			NDD	
			H	TSH-01H	TSH-01H		00071	610RC		0.00			NDD	
67	96		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC	TSH+ 0.08to+ 0.49	1.13		79	SLG	10
69	96		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC	TSH+ 0.06to+ 0.49	0.71		99	SLG	10
91	96		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
93	96		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
95	96		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
90	97		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
92	97		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
94	97		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
100	97		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
116	97	EXP 1	C	TEC-VS2	TEC-VS2		00037	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS2	TEH-09H		00064	610UL	09H- 0.94	1.44		0	27	P 2
			H	TEH-VS2	TEH-VS6		00029	610UL	09H- 0.91	1.78		0	35	P 2
			H	09H-09H	09H-09H		00074	580RC	09H- 0.81	3.01		0	26	2
			H	09H-09H	09H-09H		00074	580RC	09H- 0.19	0.29		0	23	P 1
152	97		H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1+ 0.80	3.17		0	38	P 2
			H	VS1-VS1	VS1-VS1	RPI	00074	580RC	VS1+ 0.82	6.76		0	43	2
			C	TEC-VS1	TEC-VS1	RPI	00025	610UL	VS1+ 0.91	3.90		0	40	P 2
90	99		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	

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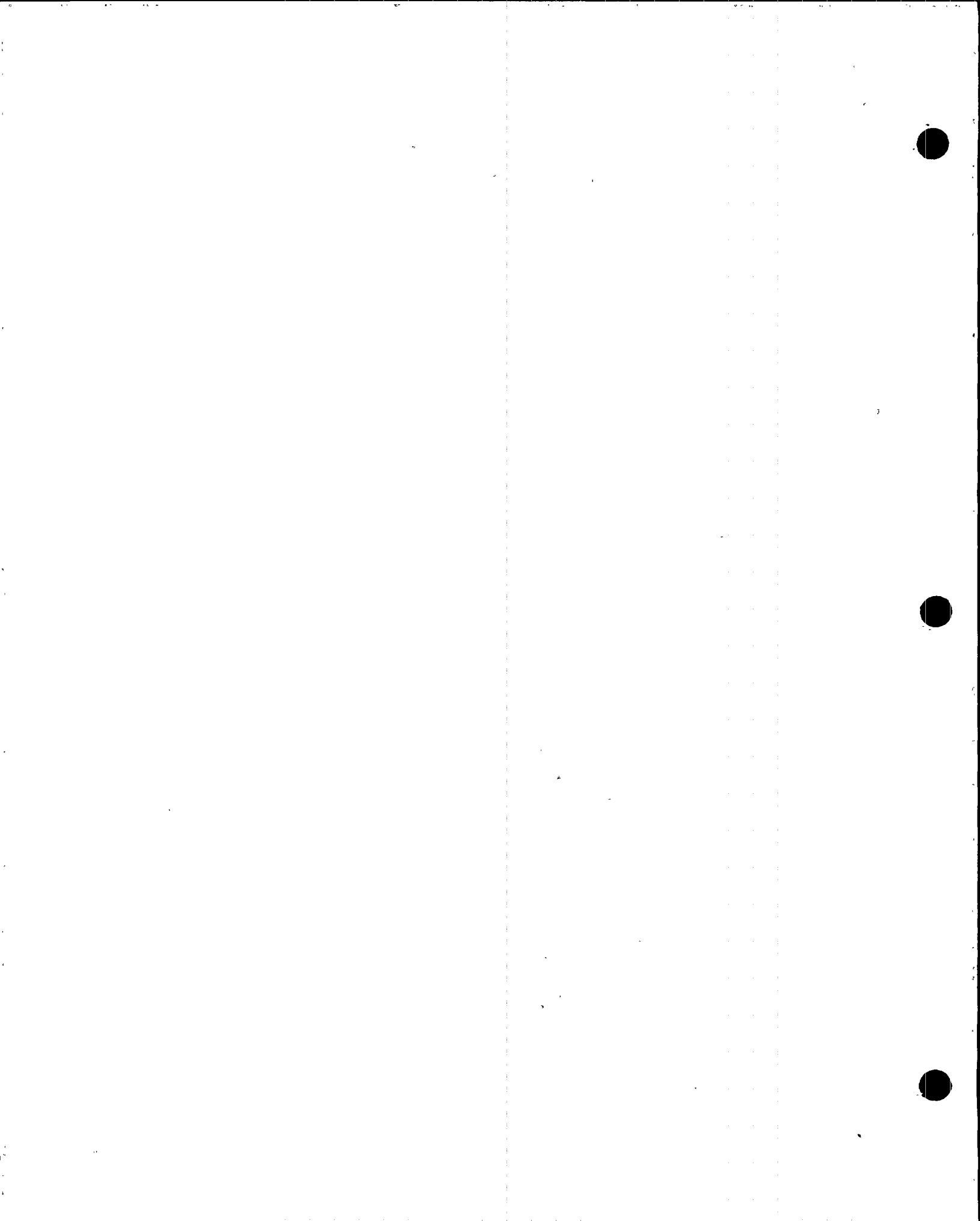
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
92	99		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
91	100		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
153	102		H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00025	610UL	VS1+ 0.72	1.91		0	25	P 2
			H	TEH-VS1	TEH-VS3		00022	610UL	VS1+ 0.73	2.15		0	31	P 2
			H	VS1-VS1	VS1-VS1		00074	580RC	VS1+ 0.94	2.89		0	25	2
35	104		C	TEC-TEH	TEC-TEH		00023	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00023	610UL	01C+ 0.61	13.45			SLG	8
155	104		H	TEH-VS1	TEH-VS3		00022	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-VS1	TEC-VS1		00025	610UL	01C- 0.63	0.58		79	NQI	P 1
			C	TEC-VS1	TEC-04C	PID	00041	610UL	01C- 0.72	0.74		52	NQI	P 1
54	109		C	TEC-TEH	TEC-TEH		00023	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC	TSH+ 0.01to+ 1.29	0.97		292	SLG	10
			C	TEC-TEH	TEC-TEH		00023	610UL	TSH+ 0.93	16.08			SLG	8
84	109		C	TEC-TEH	TEC-TEH		00019	610UL		0.00			NDD	
			H	TSH-01H	TSH-01H		00071	610RC		0.00			NDD	
55	110		C	TEC-TEH	TEC-TEH		00023	610UL		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00071	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC	TSH+ 0.04to+ 0.92	2.41		89	SLG	10
			C	TEC-TEH	TEC-TEH		00023	610UL	TSH+ 0.94	22.12			SLG	8
			C	TEC-TEH	TEC-TEH		00023	610UL	01C+ 0.85	18.47			SLG	8
61	110		C	TEC-TEH	TEC-TEH		00019	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC	TSH+ 0.01to+ 0.57	0.60		275	SLG	10
			C	TEC-TEH	TEC-TEH		00019	610UL	TSH+ 0.47	11.41			SLG	8
67	110		C	TEC-TEH	TEC-TEH		00019	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00071	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00019	610UL	TSH+ 0.80	28.49			SLG	8
			C	TEC-TEH	TEC-TEH		00019	610UL	TSH+ 0.80	25.53			SLG	8
123	110		H	TEH-VS7	TEH-VS7		00023	610UL		0.00			NDD	

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
123	110		H	08H-08H	08H-08H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			C	TEC-VS7	TEC-08C		00017	610UL	09H- 0.91	0.13		0	31	P 1
			C	TEC-VS7	TEC-TEH		00026	610UL	09H- 0.91	0.43		0	31	P 1
52	111		C	TEC-TEH	TEC-TEH		00023	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00070	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00023	610UL	TSH+ 1.07	32.16			SLG	8
			C	TEC-TEH	TEC-TEH		00023	610UL	01C+ 0.77	14.47			SLG	8
54	111		C	TEC-TEH	TEC-TEH		00023	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00070	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00023	610UL	TSH+ 1.31	34.97			SLG	8
			C	TEC-TEH	TEC-TEH		00023	610UL	01C+ 0.79	15.42			SLG	8
68	111		H	TEH-02H	-		00021	610UL		0.00			BDA	
			H	TEH-02H	TEH-03H		00060	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00071	610RC		0.00			NDD	
			H	TEH-03H	TEH-03H		00060	610UL	TSH+ 0.80	24.21			SLG	8
153	112		C	TEC-VS1	TEC-VS1		00024	610UL		0.00			NDD	
			H	03H-03H	03H-03H		00071	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00071	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00071	610RC		0.00			NDD	
			H	TEH-VS1	TEH-VS3		00021	610UL	03H- 0.35	0.81		126	27	P 1
52	113		H	TEH-02H	TEH-02H		00020	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-TEH	TEH-TEH		00070	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00020	610UL	TSH+ 0.77	21.78			SLG	8
54	113		H	TEH-02H	TEH-02H		00020	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00020	610UL	TSH+ 0.76	22.07			SLG	8



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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
100	113		C	TEC-TEH	TEC-TEH		00019	610UL		0.00			NDD	
			H	TSH-01H	TSH-01H		00071	610RC		0.00			NDD	
47	116		H	TEH-02H	TEH-01H		00020	610UL		0.00			NDD	
			H	TEH-02H	TEH-02H	RIC	00060	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-03H	TEH-02H		00020	610UL	TSH+ 0.54	14.17			SLG	8
			H	TEH-01H	TEH-02H		00060	610UL	TSH+ 0.82	28.95			SLG	8
117	118		H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	09H-09H	09H-09H		00070	610RC	09H- 1.36	0.52		87	28	1
			C	TEC-TEH	TEC-TEH		00018	610UL	09H- 1.29	2.29		0	36	P 2
			H	09H-09H	09H-09H		00074	580RC	09H- 1.09	0.15		72	36	1
6	121		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	TSC+ 0.55	12.97			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.44	3.30		4	SLG	10
58	121		H	TEH-02H	TEH-02H		00017	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
60	121		H	TEH-02H	TEH-02H		00017	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
62	121		H	TEH-02H	TEH-02H		00017	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
64	121		H	TEH-02H	TEH-02H		00017	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
106	121	EXP 2	H	TEH-02H	TEH-02H		00018	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00068	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00068	610UL	01C+ 0.60	10.85			SLG	8
106	123	EXP 2	H	TEH-02H	TEH-02H		00017	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00068	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00068	610UL	01C+ 0.61	13.42			SLG	8
7	124		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.67	11.90			SLG	8
			C	TEC-TEH	TEC-TEH		00022	610UL	TSC+ 0.84	17.39			SLG	8

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STEAM GENERATOR: 31
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
7	124		C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.81	3.37		186	SLG	10
9	124		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.70	12.43			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.04to+ 0.63	4.70		186	SLG	10
57	124		H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H		00017	610UL	TSH+ 0.45	4.64		226	ETL	5
67	124		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
97	124		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
113	124	EXP 1	H	TEH-VS2	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-VS2	TEC-VS2		00036	610UL		0.00			NDD	
			C	TEC-VS2	TEC-VS2		00037	610UL		0.00			NDD	
			H	BW1-VS2	BW1-VS2		00074	580RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TEH-VS2	TEH-VS6		00029	610UL	BW1+ 19.54	1.31		147	25	1
6	125		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	TSC+ 0.82	12.73			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.80	3.13		1	SLG	10
10	125		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.85	14.05			SLG	8
			C	01C-01C	01C-01C		00085	610RC	01C+ 0.57to+ 1.34	1.18		203	SLG	10
66	125		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
70	125		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
7	126		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.64	11.96			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.40	1.92		189	SLG	10
9	126		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.76	13.21			SLG	8
			C	01C-01C	01C-01C		00085	610RC	TSC+ 0.52to+ 1.29	1.46		187	SLG	10
67	126		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	

CUMULATIVE REPORT
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STEAM GENERATOR: 31

LOCATION: ALL

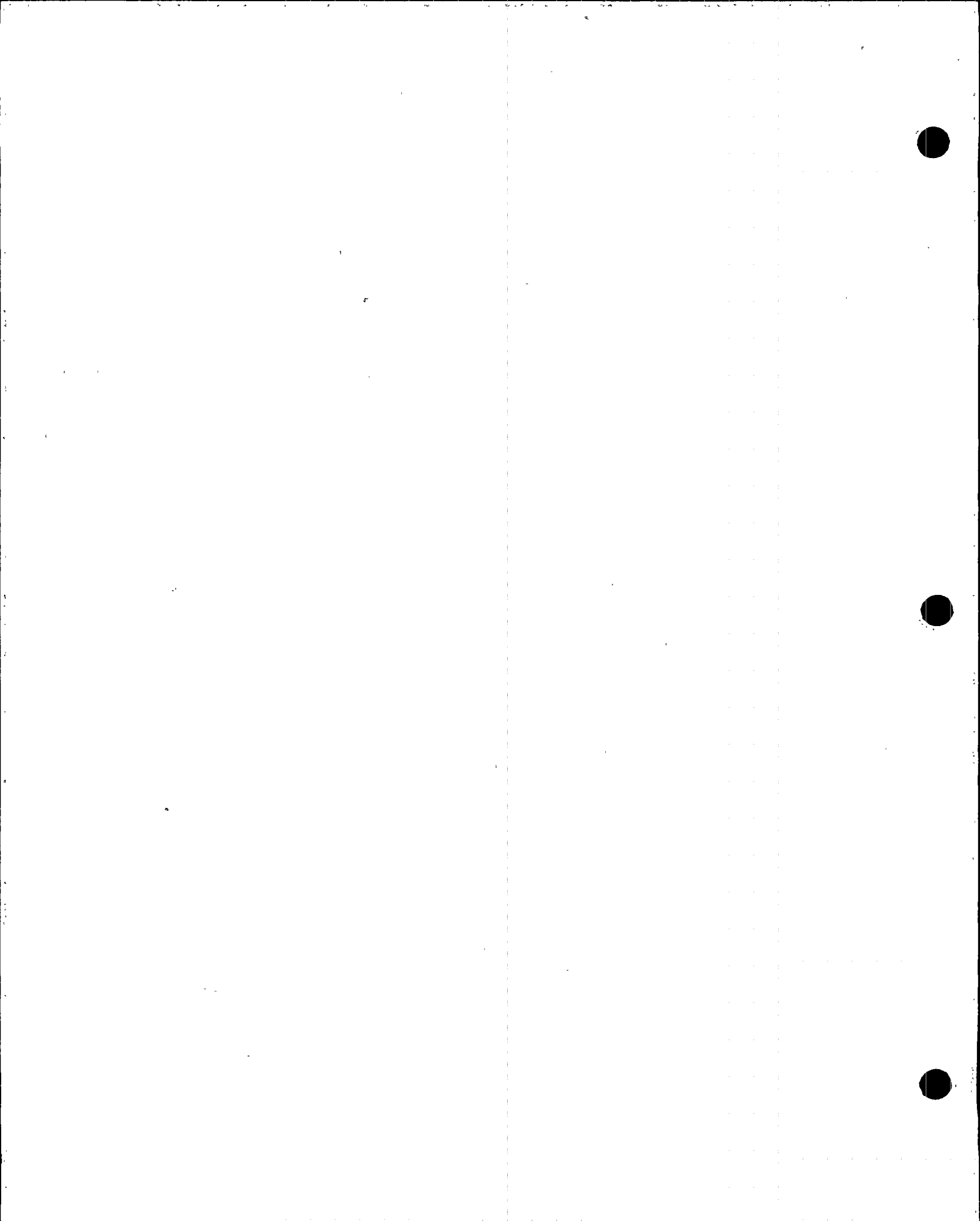
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
67	126		C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
101	126	EXP 2	H	TEH-02H	TEH-02H		00016	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL	01C+ 0.57	10.09			SLG	8
148	129		H	01H-01H	01H-01H		00070	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00046	610UL	TSH- 0.75	1.28		0	ETL	4
61	130		H	TSH-01H	01H-01H	RIT	00069	610RC		0.00			NDD	
			H	TSH-01H	TSH-01H		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-06H		00055	610UL	06H- 1.33	1.11		0	21	P 2
			H	06H-06H	06H-06H		00073	610RC	06H- 0.98	2.31		95	25	5
			C	TEC-TEH	TEC-TEH		00034	610UL	06H- 0.95	1.71		0	22	P 2
			C	TEC-TEH	TEC-TEH		00034	610UL	VS3- 0.90	11.32		182	INR	P 1
93	132		H	TEH-03H	TEH-03H		00014	610UL		0.00			NDD	
			H	TEH-03H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-VS2		00055	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00074	580RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	BW1-BW1	BW1-BW1	RPI	00074	580RC	BW1+ 1.78	0.76		0	40	P 1
			C	TEC-TEH	TEC-TEH	RPI	00037	610UL	BW1+ 2.65	2.66		0	42	P 2
			C	TEC-TEH	TEC-TEH		00036	610UL	BW1+ 3.05	0.57		109	BDA	5
			C	TEC-TEH	TEC-08H	RPI	00076	610UL	BW2- 1.49	3.89		0	45	P 2
74	133		C	TEC-TEH	TEC-TEH		00036	610UL		0.00			NDD	
			H	TSH-01H	TSH-01H		00069	610RC		0.00			NDD	
93	134	EXP 2	H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00067	610UL	BW1+ 1.86	1.99		0	27	P 2
114	135	EXP 1	H	TEH-VS6	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-VS6	TEC-TEH		00036	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	08H-BW1	08H-09H	RIT	00074	580RC	08H+ 37.27	1.31		154	<20	2
			C	TEC-VS6	TEC-TEH	RPI	00043	610UL	08H+ 38.25	0.49		142	PID	1
			H	TEH-VS6	TEH-VS6	RPI	00029	610UL	08H+ 38.63	0.45		133	NQI	1
			C	TEC-VS6	TEC-TEH		00043	610UL	BW1- 1.83	0.78		0	<20	P 2
111	136	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	

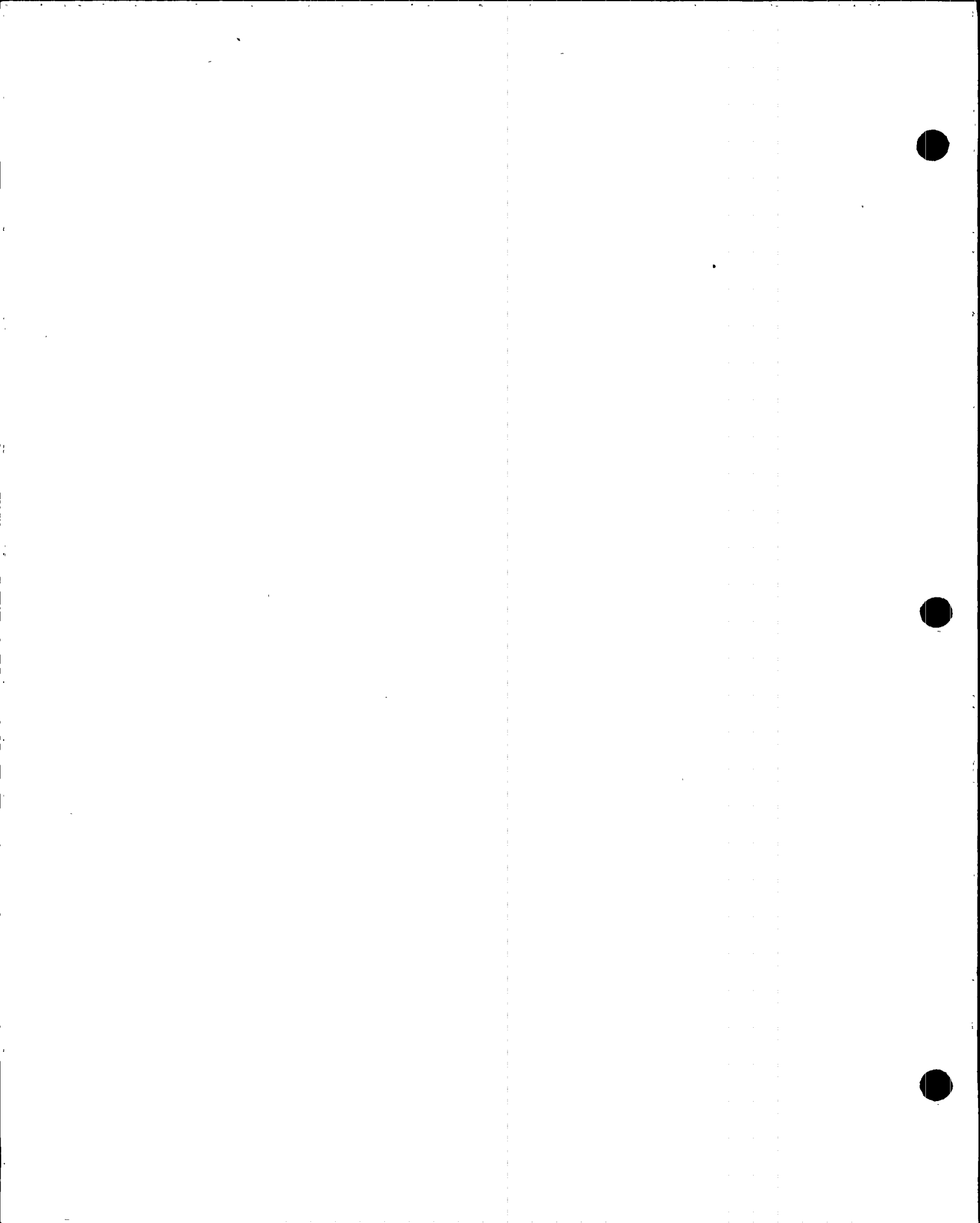


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STEAM GENERATOR: 31
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
111	136	EXP 2	C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL	01C+ 0.57	11.08			SLG	8
100	137	EXP 2	H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL	01C+ 0.60	13.12			SLG	8
103	138	EXP 2	H	TEH-02H	TEH-02H		00013	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00069	610UL	01C+ 0.58	11.08			SLG	8
4	139		C	TEC-TEH	TEC-TEH		00041	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00041	590UL	01C+ 0.86	12.01			SLG	8
			C	01C-01C	01C-01C		00085	610RC	01C+ 0.57to+ 1.28	1.47		9	SLG	10
			C	TEC-TEH	TEC-TEH		00041	590UL	TSC+ 0.34	5.73			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.87	2.05		8	SLG	10
22	139		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.32	4.37		3	SLG	10
24	139		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
21	140		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.02to+ 0.33	3.23		5	SLG	10
4	141		H	TEH-02H	TEH-02H		00012	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00041	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00041	590UL	TSC+ 0.69	19.46			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.90	2.36		188	SLG	10
22	141		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	TSC+ 0.39	8.83			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.32	3.36		189	SLG	10
24	141		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	TSC+ 0.28	5.02			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.02to+ 0.36	5.41		1	SLG	10
130	143	EXP 1	H	09H-09H	TEH-02H		00012	610UL		0.00			NDD	
			H	09H-09H	09H-09H		00069	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	09H-09H	09H-09H		00074	580RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-09H	TEH-BW1		00036	610UL	09H+ 0.73	1.61		0	27	P 2



CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
LOCATION: ALL
CRITERIA: PROBES = 610RC, 580RC

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DATE: 11/18/92
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
130	143	EXP 1	C	TEC-TEH	TEC-09H		00033	610UL	09H+ 1.14	2.50		0	37	P 2
131	144	EXP 1	H	TEH-02H	TEH-02H		00011	610UL		0.00			NDD	
			H	09H-09H	09H-09H		00069	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-09H	TEH-BW1		00036	610UL	09H+ 0.79	2.14		0	32	P 2
			H	09H-09H	09H-09H		00074	580RC	09H+ 0.95	3.01	161	<20	P 2	
			C	TEC-TEH	TEC-09H		00033	610UL	09H+ 1.13	2.17		0	35	P 2
99	148	EXP 2	H	BW1-VS2	TEH-02H		00010	610UL		0.00			NDD	
			H	BW1-VS2	BW1-VS2		00074	580RC		0.00			NDD	
			H	TEH-BW1	TEH-08C		00066	610UL	BW1+ 12.06	0.76	187	INR	1	
			C	TEC-BW1	TEC-TEH	RPI	00063	610UL	BW1+ 12.10	0.70	72	NQI	1	
124	149	EXP 2	H	BW1-BW1	TEH-02H		00010	610UL		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			H	TEH-VS6	TEH-VS6	RPI	00062	610UL	BW1+ 1.41	0.88		0	PID	P 2
			H	BW1-BW1	BW1-BW1	RPI	00074	580RC	BW1+ 2.07	0.56	57	49	1	
			C	TEC-TEH	TEC-TEH	RPI	00072	610UL	BW1+ 2.95	4.23		0	44	P 2
6	151		H	TEH-02H	TEH-03H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
8	151		H	TEH-02H	TEH-02H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
5	152		H	TEH-02H	TEH-02H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
7	152		H	TEH-02H	TEH-03H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
4	153		H	TEH-02H	TEH-02H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
6	153		H	TEH-02H	TEH-02H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
8	153		H	TEH-02H	TEH-03H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
36	153		H	TEH-02H	TEH-03H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
7	154		H	TEH-03H	TEH-03H		00001	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00047	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			H	-	-		00070	610RC		0.00			BDA	
			H	TSH-TSH	TSH-TSH		00072	610RC	TSH+ 0.03	0.93		70	SLG	10
			C	TEC-TEH	TEC-TEH		00047	610UL	TSC+ 0.86	23.19			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.79	3.24		3	SLG	10
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.79	3.24		3	SLG	10
9	154		H	TEH-03H	TEH-03H		00001	610UL		0.00			NDD	

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STEAM GENERATOR: 31
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
9	154		C	TEC-TEH	TEC-TEH		00047	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00047	610UL	TSC+ 0.36	5.84			SLG	8
23	154		H	TEH-02H	TEH-04H		00001	610UL		0.00			NDD	
			C	04C-04C	04C-04C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
37	154		H	TEH-04H	TEH-04H		00001	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00047	610UL		0.00			NDD	
			H	TSH-01H	TSH-01H		00070	610RC		0.00			NDD	
97	154		H	TEH-03H	TEH-03H		00001	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00043	610UL	VS2- 0.91	1.09		0	24	P 2
123	154		C	04C-04C	04C-04C		00086	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00086	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00086	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00045	610UL	04C+ 0.81	0.82		132	33	P 1
6	155		C	TEC-TEH	TEC-TEH		00047	610UL		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00047	610UL	TSC+ 0.86	11.74			SLG	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.83	3.13		185	SLG	10
90	155	EXP 1	H	TEH-02H	TEH-01H		00002	610UL		0.00			NDD	
			H	TEH-TEC	TEH-TEC	RIC	00028	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00069	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	TEH-01H	TEH-01H		00002	610UL	TSH+ 2.76	5.79			SLG	8
1	158		H	TEH-07H	TEH-07H		00003	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00052	590SF		0.00			NDD	
			C	02C-03C	02C-03C		00085	610RC		0.00			NDD	
103	160		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00045	610UL	BW1+ 1.28	1.96		0	35	P 2
			H	BW1-BW1	BW1-BW1		00074	580RC	BW1+ 1.89	2.41		145	<20	P 2
93	162	EXP 1	H	TEH-08H	TEH-03H		00004	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	07H-07H	07H-07H		00073	610RC	07H+ 0.84	0.63		147	<20	1
			H	TEH-08H	TEH-08H		00028	610UL	07H+ 0.90	0.81		0	23	P 2
			H	TEH-08H	TEH-BW1		00060	610UL	07H+ 0.96	1.17		0	<20	P 2
			C	TEC-08H	TEC-06H		00043	610UL	07H+ 1.03	0.55		0	<20	P 2
			H	TEH-08H	TEH-VS1		00036	610UL	07H+ 1.20	1.58		0	27	P 2
97	162	EXP 1	H	07H-07H	TEH-03H		00004	610UL		0.00			NDD	
			H	07H-07H	07H-07H		00073	610RC		0.00			NDD	
			H	07H-07H	07H-07H		00069	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	

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STEAM GENERATOR: 31

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LOCATION: ALL

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CRITERIA: PROBES = 610RC,580RC

TIME: 09:32:28

ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
97	162	EXP 1	H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	TEH-08H	TEH-BW1		00060	610UL	07H+ 0.86	0.80		0	<20	P 2
			H	TEH-08H	TEH-08H		00028	610UL	07H+ 0.87	0.54		0	<20	P 2
			H	TSH-VS3	TSH-VS3		00036	610UL	07H+ 0.90	1.61		0	27	P 2
			C	TEC-08H	TEC-06H		00043	610UL	07H+ 1.10	0.48		0	<20	P 2
92	163	EXP 1	H	TEH-BW1	TEH-03H		00004	610UL		0.00			NDD	
			H	TEH-BW1	TEH-VS6		00028	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	-	-		00000			0.00			TBP	
			C	TEC-BW1	TEC-BW1		00043	610UL	BW1+ 2.27	2.38		0	37	P 2
			H	BW1-BW1	BW1-BW1		00074	580RC	BW1+ 2.38	1.96		0	<20	2
1	170		H	TEH-07H	TEH-07H		00007	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00054	590SF		0.00			NDD	
			C	02C-02C	02C-02C		00085	610RC	02C+ 1.37	2.33		0	PLP	8
76	173	EXP 2	H	01H-01H	01H-01H		00069	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00069	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H		00007	610UL	TSH- 0.58	0.32		0	ETL	4
			C	TEC-TEH	TEC-TEH		00062	610UL	TSH- 0.44	29.41		205	ETL	4
31	178		H	TEH-02H	TEH-02H		00008	610UL		0.00			NDD	
			H	TSH-TSH	TSH-01H		00074	580RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
16	183		H	TEH-02H	TEH-03H		00009	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
15	184		H	TEH-02H	TEH-02H		00009	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
17	184		H	TEH-02H	TEH-02H		00009	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00070	610RC		0.00			NDD	
39	184		C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
41	184		H	-	-		00000			0.00			TBP	
			H	TEH-TEC	TEH-TEC	RPI	00075	610UL	TSC+ 0.49	0.23		0	PID	P 1
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.34	0.12		0	PLP	8
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.04	3.04		120	25	4
			C	TEC-TEH	TEC-TEH		00000	610UL	TSC+ 0.0	0.00			PLP	
43	184		C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
30	185		C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
			C	01C-01C	01C-01C		00085	610RC		0.00			NDD	
40	185		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 1.22	1.06		212	PLP	8
			C	TEC-TEH	TEC-02C	RPI	00055	610UL	TSC+ 0.56	1.28		112	PID	P 4
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.38	0.07		0	PLP	8
			C	TEC-TEH	TEC-TEH	PID	00052	590SF	TSC+ 0.12	1.55		103	DTI	P 1
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.11	1.08		134	32	1

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 31
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
40	185		C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.09	1.50		103	DTI	P 1
			C	TEC-TEH	TEC-TEH		00052	590SF	TSC- 0.40	31.97		20	ETL	4
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC- 0.43	33.57		12	ETL	4
42	185		H	-	-		00000			0.00			TBP	
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.87	0.82		208	PLP	8
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.35	0.18		0	PLP	8
			C	TSC-TSC	TSC-TSC	RPI	00085	610RC	TSC+ 0.16	3.28		108	42	1
			C	TEC-TEH	TEC-TEH	PID	00052	590SF	TSC+ 0.14	12.42		163	DTI	P 1
			C	TEC-TEH	TEC-01C	RPI	00055	610UL	TSC+ 0.00	4.15		68	PID	P 4
			C	TSC-TSC	TSC-TSC		00085	610RC	TSC+ 0.00to+ 0.75	3.83		180	SLG	10
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC- 0.06	11.19		159	DTI	P 1
			C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
44	185		C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
29	186		C	01C-01C	01C-01C		00085	610RC	01c+ 0.72	0.72		0	PLP	8
			C	TEC-TEH	TEC-TEH		00051	610UL		0.00			NDD	
39	186		C	TSC-TSC	TSC-TSC		00085	610RC		0.00			NDD	

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 152

NO TREND ANALYSIS REQUESTED

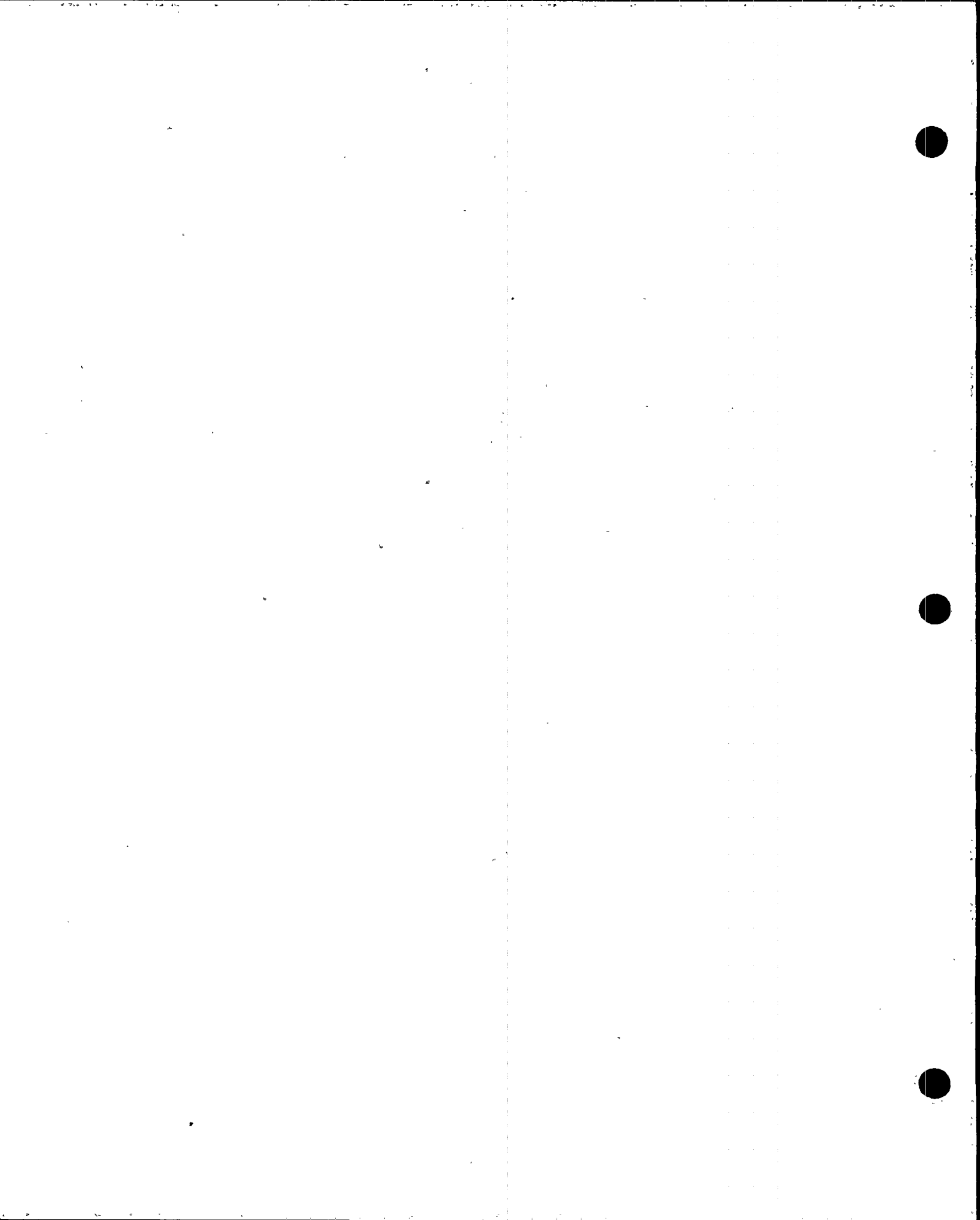
REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

MAP OPTIONS:

Plot data from current examination only

Plot only data meeting selection criteria



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STEAM GENERATOR: 32
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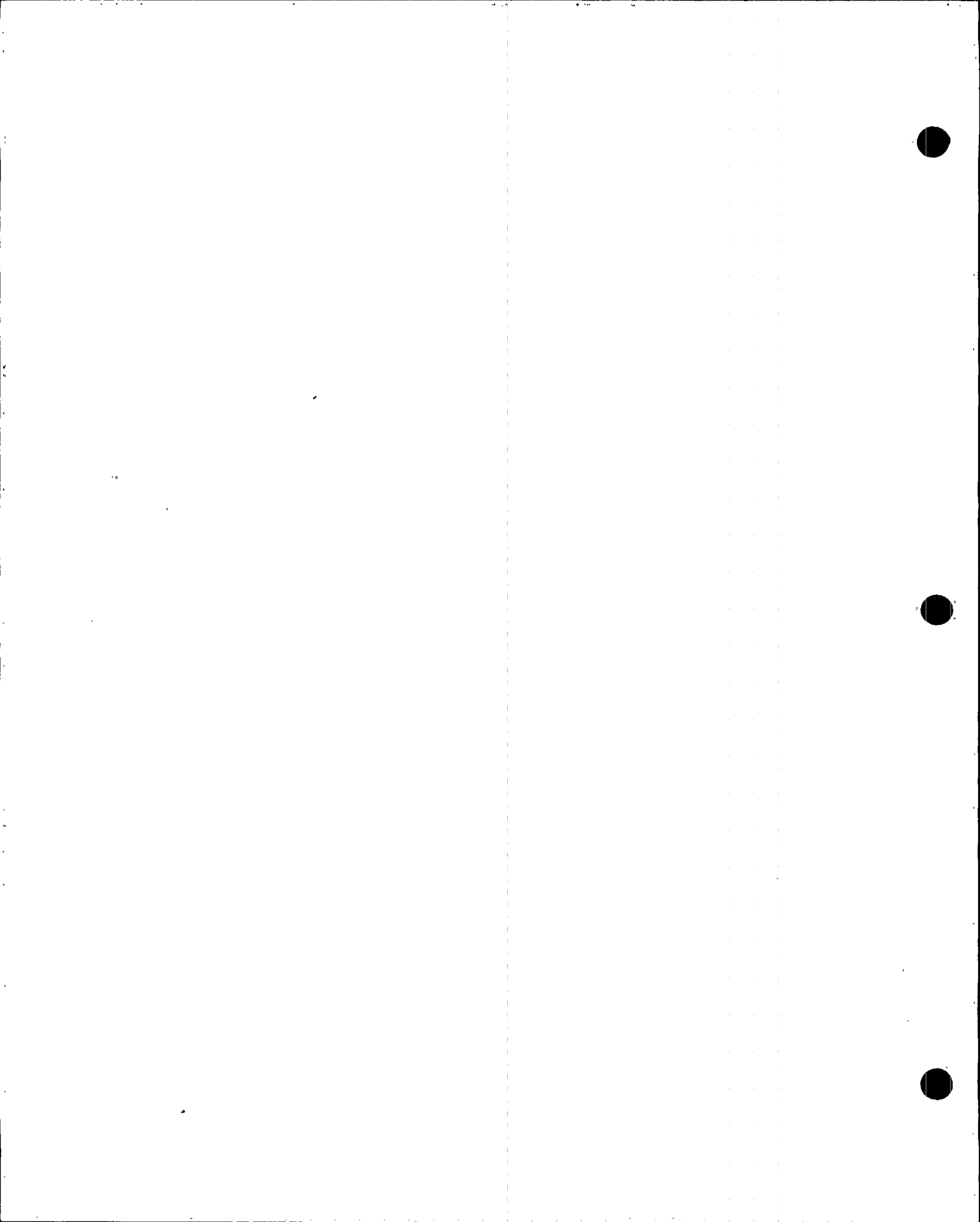
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
7	4		C	TEC-TEH	TEC-BW2	RIT	00001	610UL		0.00			OBS	
			H	07H-07H	07H-BW1		00053	610RC		0.00			NDD	
			H	TEH-07C	TEH-07C	RPI	00026	610UL	07H- 0.58	0.38		101	NQI	P 1
1	18		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-TSH	TEH-TSH		00053	610RC		0.00			NDD	
			H	TEH-07H	TEH-02H		00036	610UL	TSH+ 0.00	1.12		136	NTE	4
			H	TEH-07H	TEH-07H	RIC	00048	610UL	TSH+ 0.00	0.38		0	NTE	4
20	25		H	TEH-TSH	TEH-TSH		00053	610RC		0.00			NDD	
			H	TEH-02H	TEH-03H		00036	610UL	TSH+ 0.00	1.35		59	NTE	4
52	33		C	TEC-TEH	TEC-TEH		00002	610UL		0.00			NDD	
			H	02H-03H	02H-03H		00053	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
49	40		C	TEC-TEH	TEC-TEH		00002	610UL		0.00			NDD	
			C	05C-06C	05C-06C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
51	40		C	TEC-TEH	TEC-TEH		00002	610UL		0.00			NDD	
			C	01C-02C	01C-02C		00068	610RC		0.00			NDD	
23	44		H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00000	610UL	01H+ 0.65	12.46			SLG	8
35	44		H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00000	610UL	01H+ 0.57	10.94			SLG	8
12	45		H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00000	610UL	01H+ 0.59	10.21			SLG	8
30	45		H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00000	610UL	01H+ 0.63	11.90			SLG	8
11	46		H	TEH-02H	TEH-02H		00033	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	TEH-TEC	TEH-02H	RIT	00000	610UL	01H+ 0.57	10.72			SLG	8
56	49		C	TEC-TEH	TEC-TEH		00003	610UL		0.00			NDD	
			C	05C-06C	05C-06C		00066	610RC		0.00			NDD	

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STEAM GENERATOR: 32
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
58	49		C	TEC-TEH	TEC-TEH		00003	610UL		0.00			NDD	
			C	02C-03C	02C-03C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
57	52		C	TEC-TEH	TEC-TEH		00003	610UL		0.00			NDD	
			C	01C-02C	01C-01C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	01C-02C	01C-02C	RIC	00067	610RC		0.00			NDD	
81	54		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			H	03H-04H	03H-04H		00053	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
83	54		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	03C-04C	03C-04C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	04C-05C	04C-05C		00068	610RC		0.00			NDD	
38	55		H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H		00031	610UL	TSH- 0.59	2.47		0	ETL	4
145	56		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TSC-TSC	TEC-TSC		00069	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00013	610UL	TSC- 0.00	0.90		87	NTE	4
76	59		C	TEC-TEH	TEC-TEH		00006	610UL		0.00			NDD	
			C	08C-09C	08C-BW2		00067	610RC		0.00			NDD	
1	64		H	TEH-07H	TEH-07H		00030	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.13to+ 0.46	1.69		0	PLP	10
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.86to+ 1.16	3.33		0	PLP	10
3	64		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00048	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.00to+ 0.86	1.86		257	PLP	10
2	65		H	TEH-07H	TEH-07H		00030	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.78to+ 1.32	1.44		0	PLP	10
4	65		C	TEC-TEH	TEC-TEH		00004	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
1	66		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00048	610UL		0.00			NDD	
			H	TSH-TSH	TEH-TSH		00053	610RC		0.00			NDD	
3	66		C	TEC-07H	TEC-07H		00035	590UL		0.00			NDD	
			H	TEH-07H	TEH-07H		00048	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
36	69		C	TEC-TEH	TEC-TEH		00053	610UL		0.00			NDD	

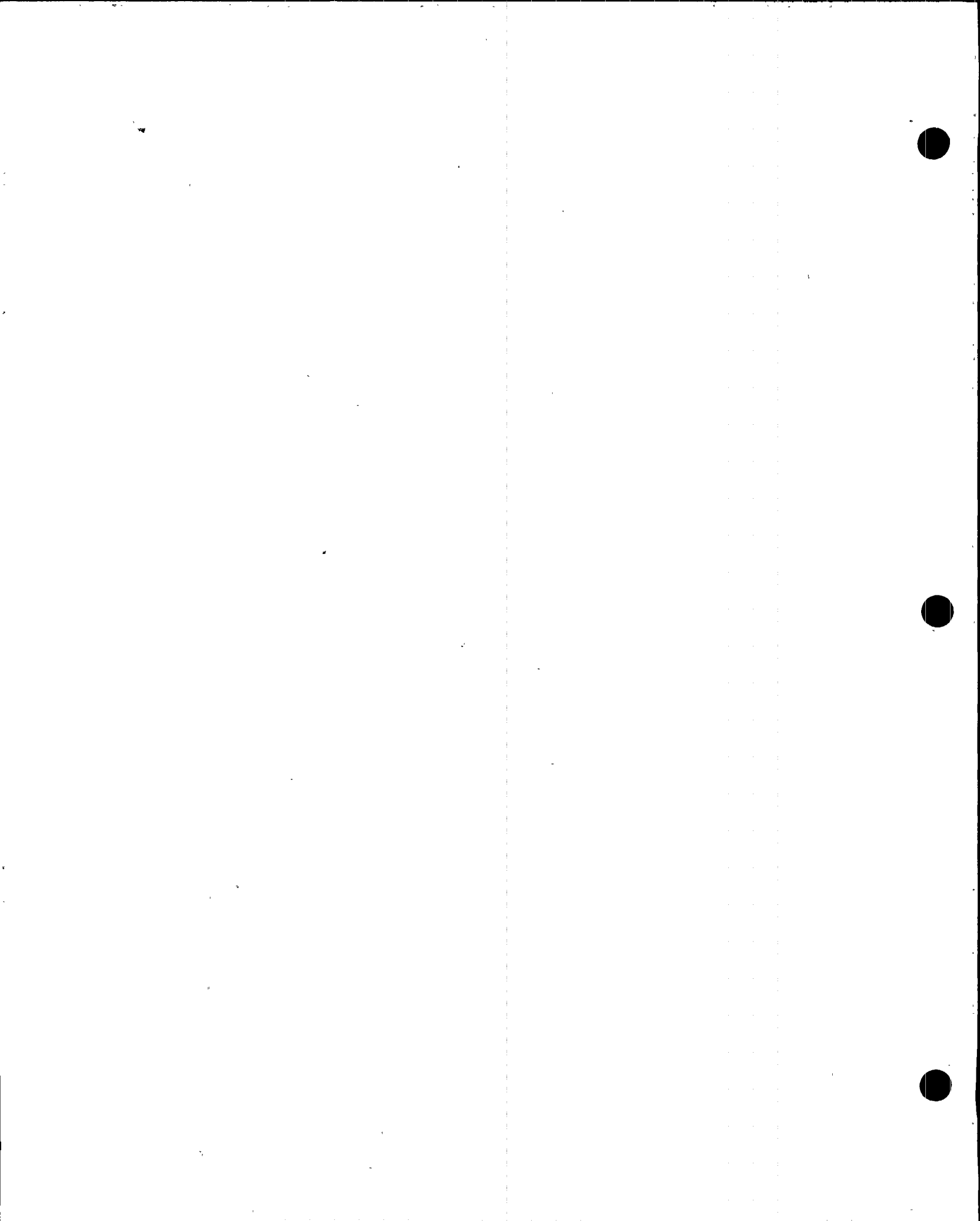


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STEAM GENERATOR: 32
LOCATION: ALL
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
36	69		C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.59to+ 1.42	0.57		0	SLG	1
			C	TEC-TEH	TEC-02H	RIT	00053	610UL	01C+ 0.59	11.21			SLG	8
40	69		C	TEC-TEH	TEC-TEH		00053	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00053	610UL	01C+ 0.67	15.13			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.32to+ 0.68	0.64		0	SLG	1
150	69		C	TEC-TEH	TEC-TEH		00014	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
37	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.67	12.47			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.49to+ 1.43	1.45		351	SLG	1
39	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.71	14.32			SLG	8
41	70		C	TEC-TEH	TEC-TEH		00005	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00005	610UL	01C+ 0.65	11.85			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.42to+ 0.86	0.48		0	SLG	1
38	71		C	TEC-TEH	-		00053	610UL		0.00			BDA	
			C	TEC-TEH	TEC-TEH		00054	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00054	610UL	01C+ 0.70	12.57			SLG	8
42	71		C	TEC-TEH	TEC-TEH		00053	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00053	610UL	01C+ 0.76	12.99			SLG	8
39	72		C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	

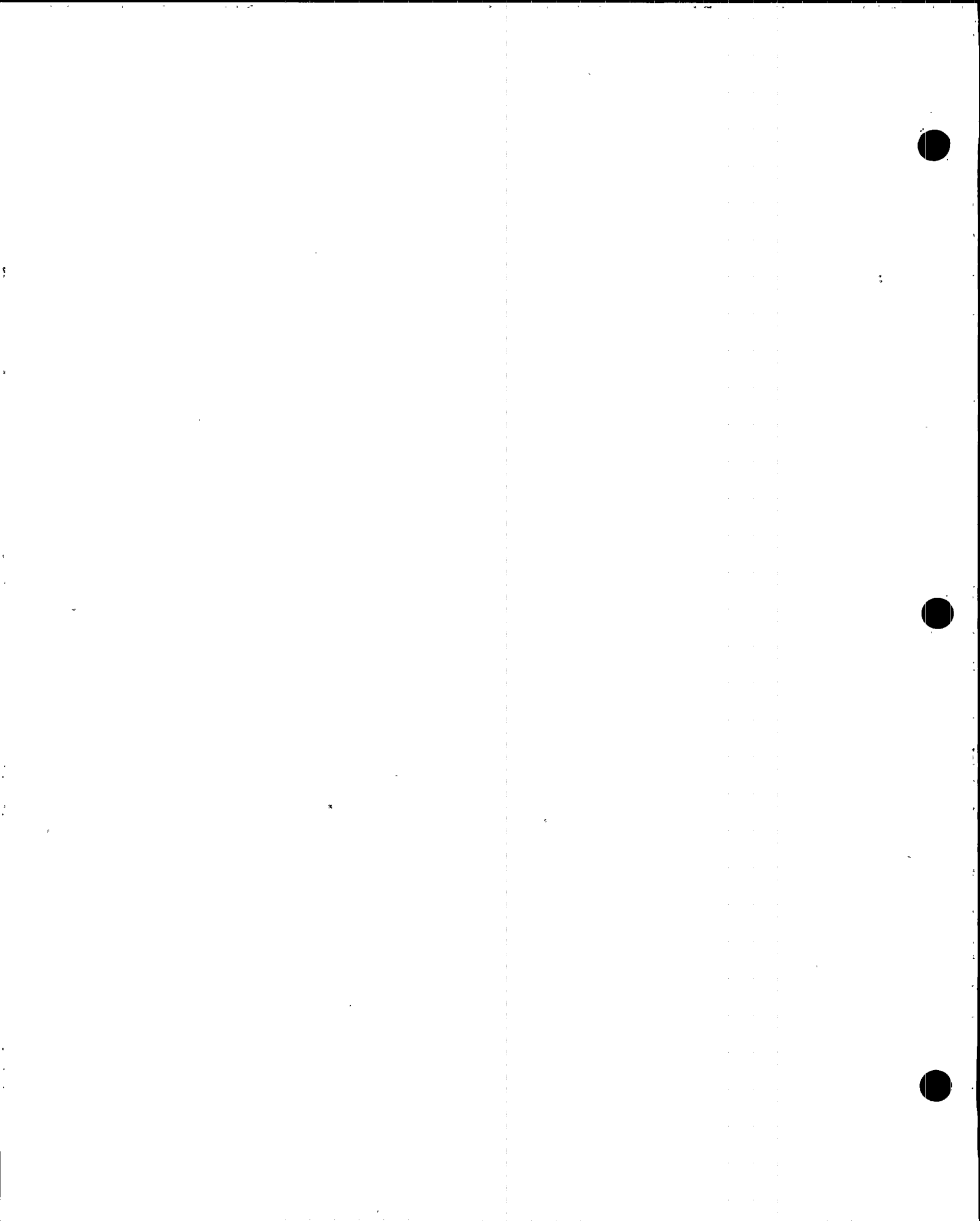


CUMULATIVE REPORT
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STEAM GENERATOR: 32
LOCATION: ALL
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
39	72		C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.68	13.24			SLG	8
41	72		C	01C-01C	01C-01C		00067	610RC	01C+ 0.39to+ 0.77	1.43		171	SLG	1
			C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
43	72		C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.74	14.69			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.40to+ 0.86	0.69		350	SLG	1
			C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	
40	73		C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.64	11.86			SLG	8
42	73		C	01C-01C	01C-01C		00067	610RC	01C+ 0.44to+ 0.74	1.22		8	SLG	1
			C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
44	73		C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.83	12.61			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.68to+ 1.70	13.11		340	SLG	1
			C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	
52	75		C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.80	14.94			SLG	8
51	76		C	01C-01C	01C-01C		00067	610RC	01C+ 0.46to+ 1.26	5.98		183	SLG	1
			C	TEC-TEH	TEC-TEH		00055	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
52	75		C	TEC-TEH	TEC-TEH		00055	610UL	01C+ 0.61	11.28			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.44to+ 0.67	0.46		0	SLG	1
			C	TSC-TSC	TSC-TSC		00067	610RC	TSC+ 0.00to+ 0.25	0.36		0	SLG	1
			C	TEC-TEH	TEC-TEH		00056	610UL		0.00			NDD	
51	76		H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00056	610UL	TSH+ 1.05	7.83			SLG	8
51	76		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
51	76		C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.11	7.74			SLG	8

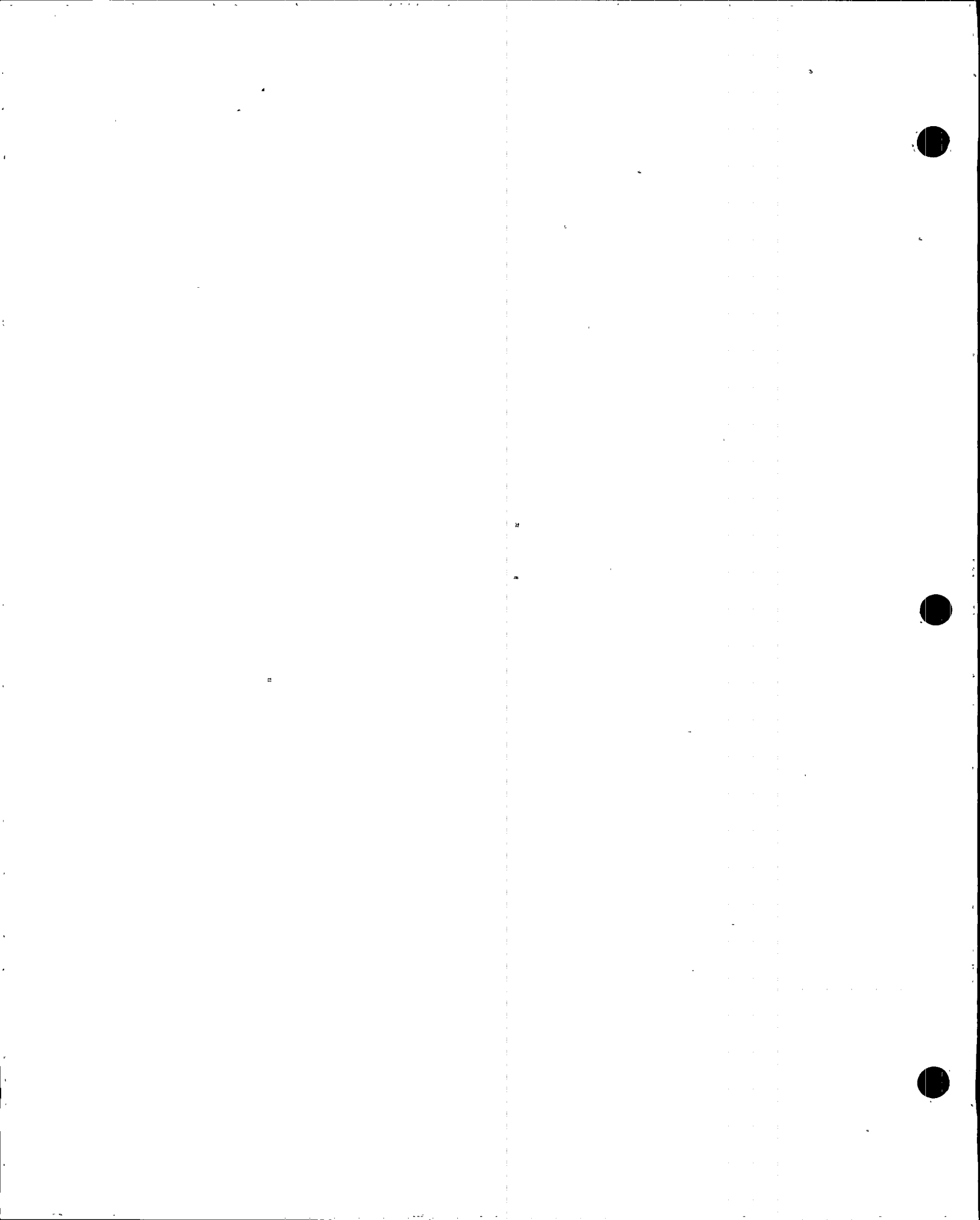


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STEAM GENERATOR: 32
LOCATION: ALL
ITERIA: PROBES = 610RC,580RC

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
57	76		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.00	7.61			SLG	8
52	77		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.01	7.46			SLG	8
58	77		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.01	7.75			SLG	8
57	78		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.02	7.77			SLG	8
59	78		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.06	7.96			SLG	8
155	78		C	TEC-VS1	TEC-VS1		00033	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
			H	TEH-VS1	TEH-VS1	PID	00023	610UL	TSH+ 0.49	0.77		43	NQI	1
			H	TEH-VS1	TEH-02H		00047	610UL	TSH+ 0.63	0.43		48	PID	1
58	79		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.05	7.83			SLG	8
60	79		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.07	7.69			SLG	8
57	80		C	TEC-TEH	TEC-TEH		00040	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00040	610UL	TSH+ 1.32	7.08			SLG	8
59	80		C	TEC-TEH	TEC-TEH		00040	610UL		0.00			NDD	

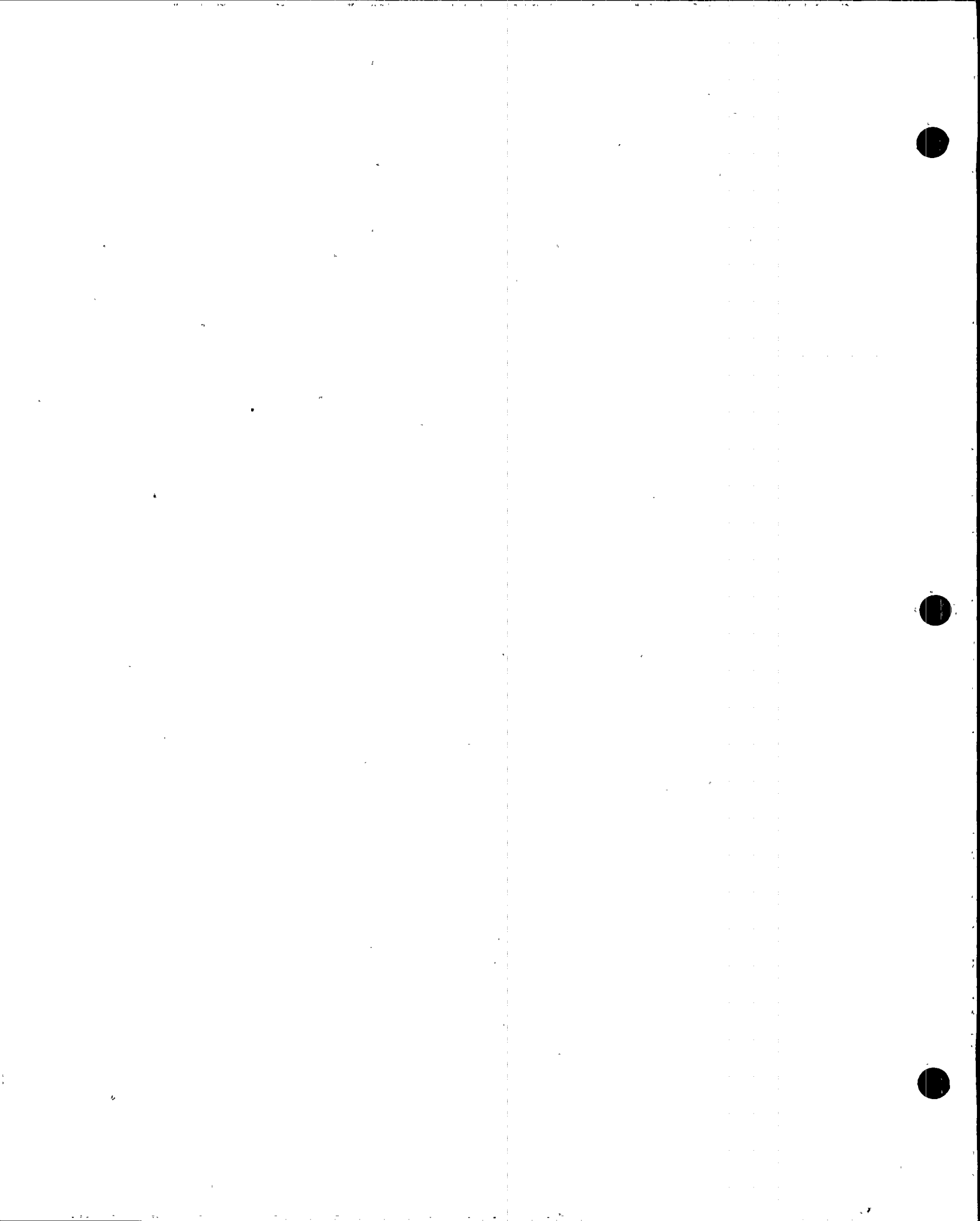


CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32
LOCATION: ALL
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
59	80		H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00040	610UL	TSH+ 1.11	6.86			SLG	8
111	80		C	TEC-TEH	TEC-TEH		00015	610UL		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
56	81		H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.10	7.64			SLG	8
58	81		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
60	81		C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.14	8.00			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
62	81		H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.08	7.30			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
57	82		H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.00	7.02			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
59	82		H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.17	7.74			SLG	8
63	82		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
56	83		C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.08	7.86			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
56	83		H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.01	7.23			SLG	8
			C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
56	83		H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	



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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
56	83		C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.02	7.89			SLG	8
58	83		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.04	8.22			SLG	8
60	83		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.09	7.88			SLG	8
64	83		C	TEC-TEH	TEC-TEH		00057	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00057	610UL	TSH+ 1.00	7.13			SLG	8
57	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.27	24.33			SLG	8
59	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.27	25.60			SLG	8
61	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.28	23.79			SLG	8
63	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.37	23.65			SLG	8
65	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.22	23.52			SLG	8
67	84		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00054	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00054	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00054	610RC		0.00			NDD	

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STEAM GENERATOR: 32

LOCATION: ALL

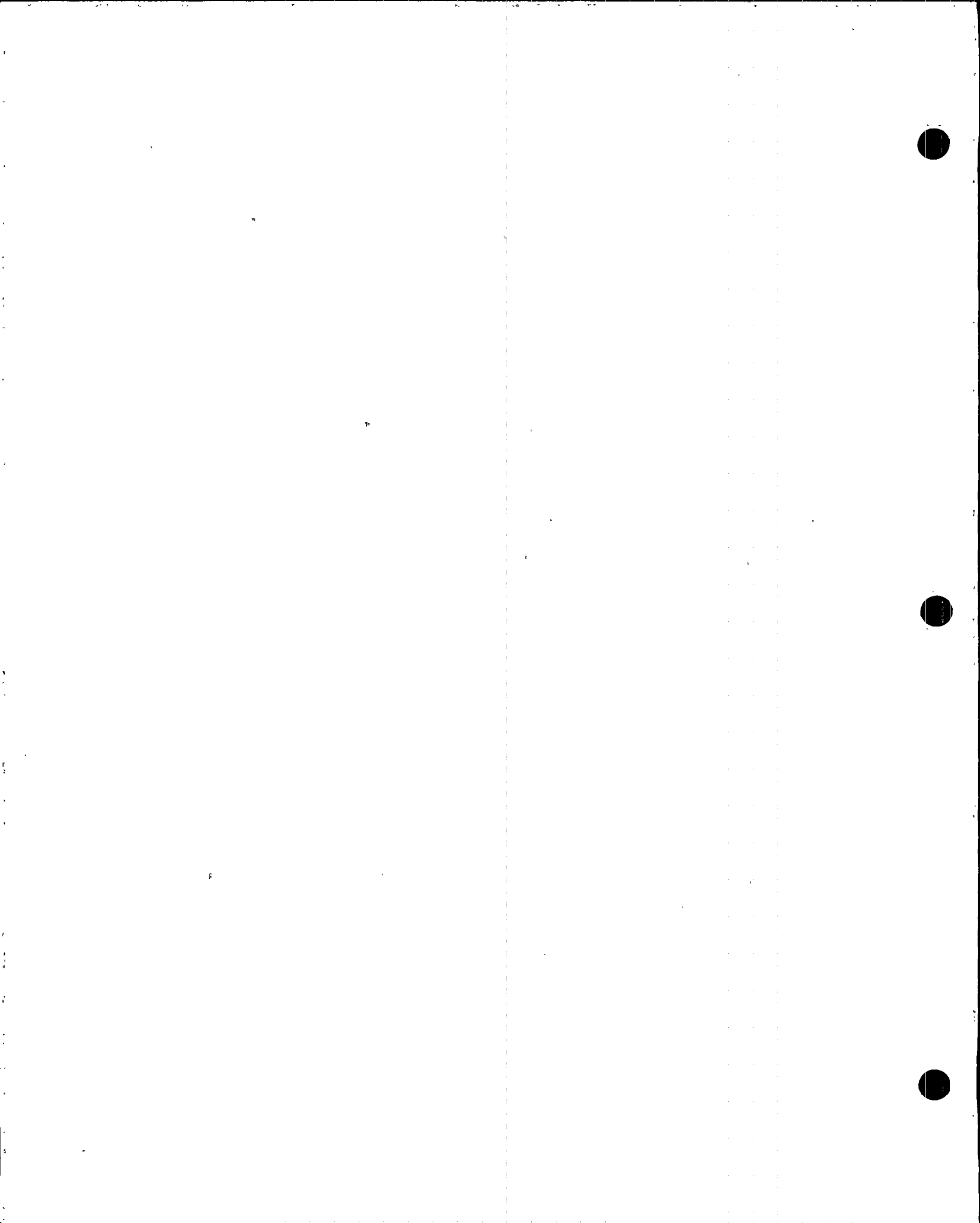
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
67	84		C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.10	22.79			SLG	8
58	85		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.15	24.52			SLG	8
60	85		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.29	23.93			SLG	8
62	85		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.40	25.56			SLG	8
64	85		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.32	25.10			SLG	8
66	85		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.17	24.11			SLG	8
59	86		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.22	24.20			SLG	8
61	86		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.46	25.38			SLG	8
63	86		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.31	25.60			SLG	8
65	86		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	



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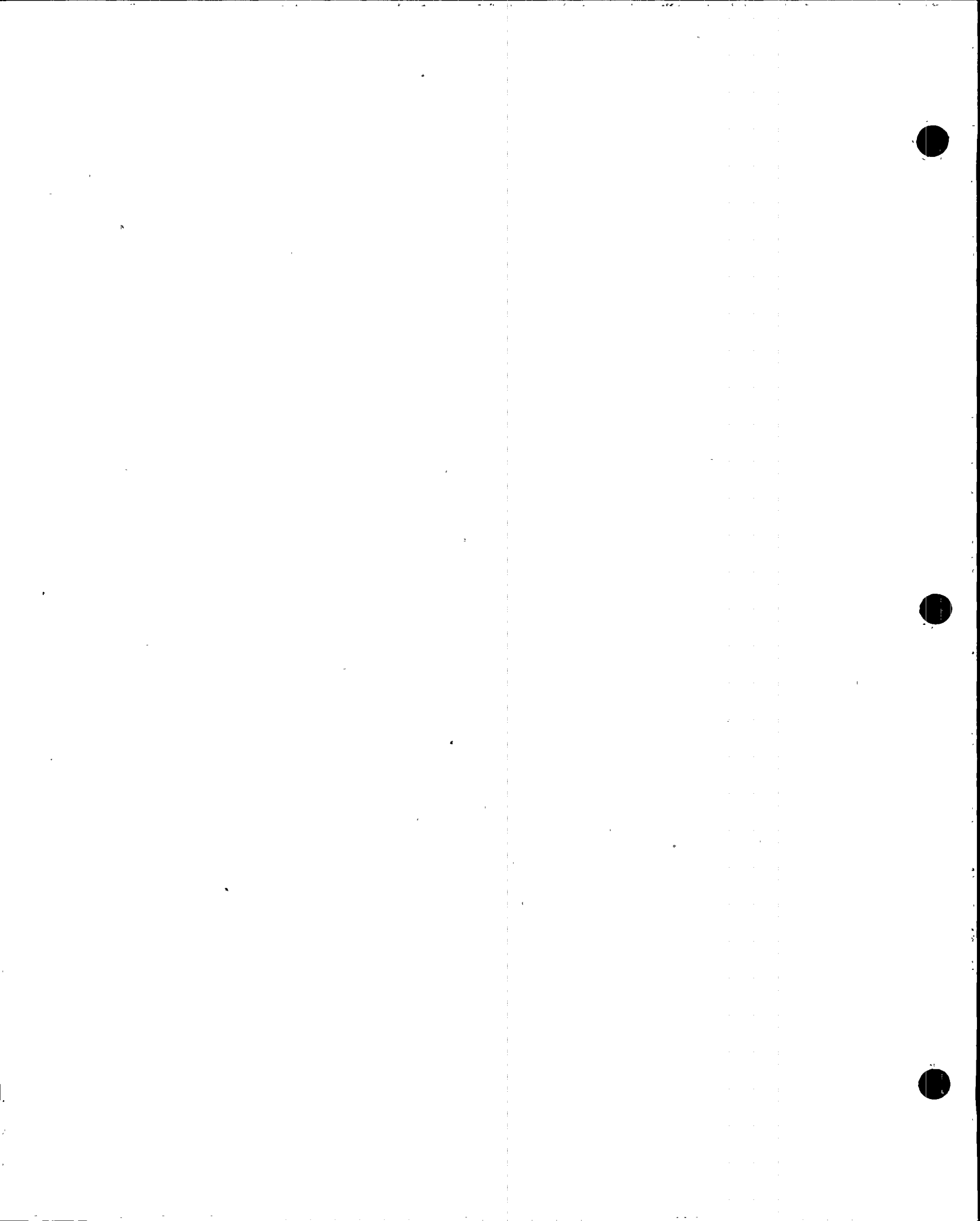
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT				CH
				PROGRAM	ACTUAL						MIL	DEG	%		
65	86		C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.19	25.29			SLG	8	
60	87		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.27	24.97			SLG	8	
62	87		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.34	25.01			SLG	8	
64	87		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.23	25.42			SLG	8	
66	87		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.21	28.50			SLG	8	
59	88		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.20	22.14			SLG	8	
61	88		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.23	23.97			SLG	8	
63	88		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.31	24.79			SLG	8	
65	88		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC	TSH+ 0.00to+ 0.36	1.56		1	SLG	1	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.23	25.56			SLG	8	
67	88		C	TEC-TEH	TEC-TEH		00058	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC	TSH+ 0.00to+ 0.48	0.75		356	SLG	1	

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STEAM GENERATOR: 32
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			%	CH
				PROGRAM	ACTUAL						MIL	DEG			
67	88		C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.02	22.48				SLG	8
60	89		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.10	25.29				SLG	8
62	89		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.17	25.20				SLG	8
68	89		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC	TSH+ 0.00to+ 0.45	1.53		354		SLG	1
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.01	22.70				SLG	8
62	91		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.01	23.34				SLG	8
64	91		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.07	24.61				SLG	8
63	92		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.10	24.83				SLG	8
65	92		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.02	25.20				SLG	8
64	93		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.10	25.24				SLG	8
63	94		C	TEC-TEH	TEC-TEH		00058	610UL		0.00				NDD	
			H	02H-02H	02H-02H		00055	610RC		0.00				NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00				NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00				NDD	
			C	TEC-TEH	TEC-TEH		00058	610UL	TSH+ 1.00	24.42				SLG	8

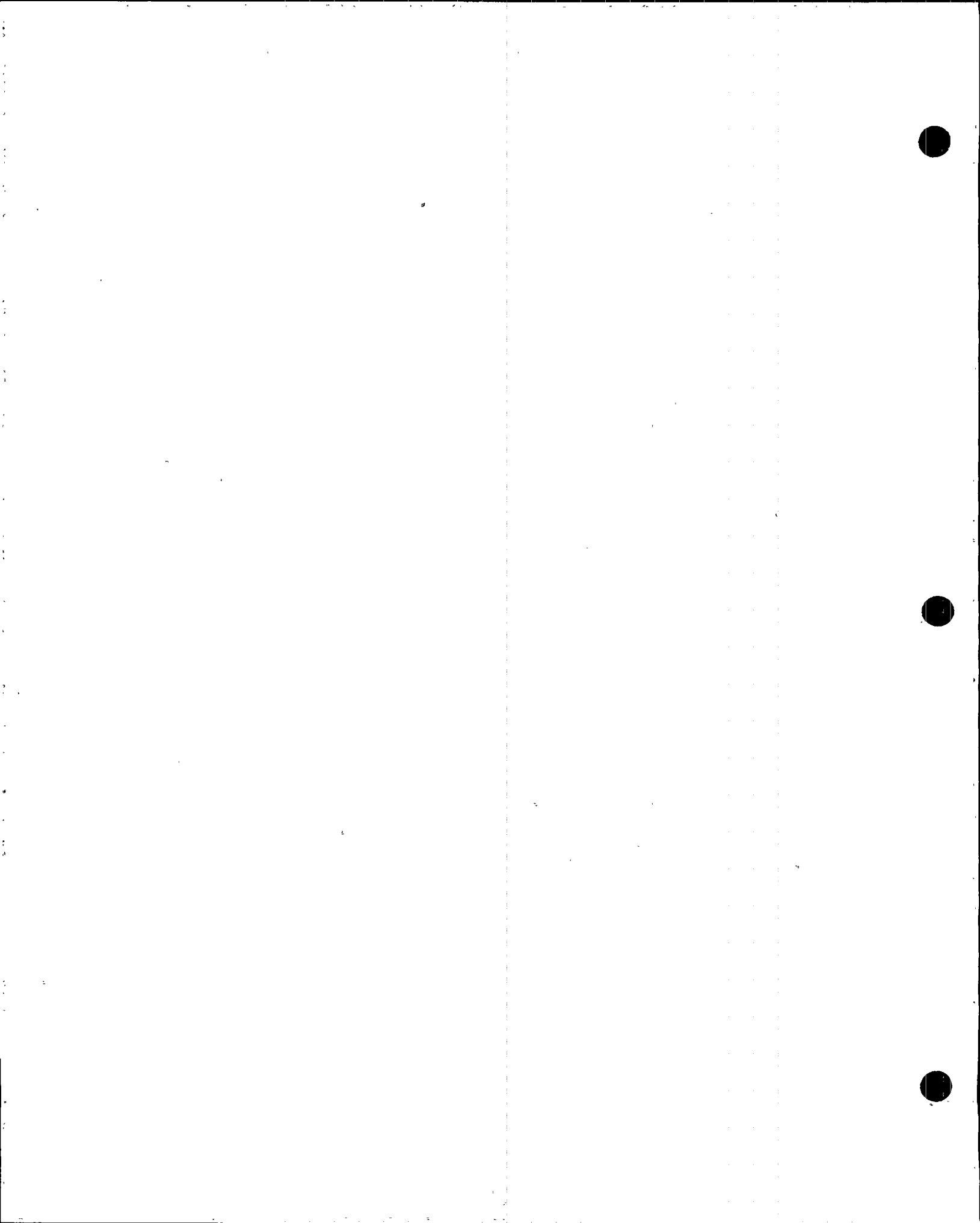


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STEAM GENERATOR: 32
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT				CH
				PROGRAM	ACTUAL						MIL	DEG	%		
156	95		C	TEC-VS1	TEC-VS1		00031	610UL		0.00			NDD		
			H	TEH-VS1	TEH-VS1		00022	610UL		0.00			NDD		
			C	TSC-01C	TSC-01C		00066	610RC		0.00			NDD		
159	96		H	VS1-VS1	VS1-VS3		00056	580RC		0.00			NDD		
			H	TEH-VS1	TEH-VS1		00022	610UL	VS1- 0.23	0.96		126	32	P 1	
			C	TEC-VS1	TEC-VS1		00031	610UL	VS1- 0.14	0.63		0	<20	P 2	
74	105		H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
			H	TEH-02H	TEH-02H		00029	610UL	TSH- 0.58	49.27			ETL	4	
155	108		C	TEC-VS1	TEC-VS1		00030	610UL		0.00			NDD		
			H	TEH-VS1	TEH-BW2		00050	610UL		0.00			NDD		
			H	BW1-VS1	BW1-VS1		00056	580RC		0.00			NDD		
			H	TEH-VS1	TEH-VS1	RPI	00021	610UL	BW1+ 29.49	0.39		116	NQI	1	
			H	TEH-VS1	TEH-09C		00050	610UL	BW1+ 29.49	0.00			INF		
			H	TEH-VS1	TEH-VS1	RPI	00021	610UL	BW1+ 30.26	0.66		58	NQI	1	
			H	09C-TEC	09C-TEC		00050	610UL	BW1+ 30.26	0.00			INF		
44	109		H	TEH-02H	TEH-02H		00027	610UL		0.00			TNC		
			H	TEH-02H	TEH-02H		00028	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
46	109		H	TEH-TEC	TEH-01H	RIT	00027	610UL	TSH+ 1.12	44.12			SLG	8	
			H	TEH-02H	TEH-01H		00027	610UL		0.00			TNC		
			H	TEH-02H	TEH-02H		00028	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
48	109		H	TEH-TEC	TEH-01H	RIT	00027	610UL	TSH+ 1.23	46.16			SLG	8	
			H	TEH-02H	TEH-01H		00027	610UL		0.00			TNC		
			H	TEH-02H	TEH-02H		00028	610UL		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD		
50	109		H	TEH-TEC	TEH-01H	RIT	00027	610UL	TSH+ 1.03	42.56			SLG	8	
			H	TEH-02H	TEH-02H		00027	610UL		0.00			TNC		
			H	TSH-TSH	TSH-01H		00053	610RC		0.00			NDD		
			H	02H-02H	02H-02H		00055	610RC		0.00			NDD		
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD		
			H	TSH-TSH	TSH-TSH		00055	610RC	TSH+ 0.00to+ 0.30	1.76		183	SLG	1	
			H	TEH-02H	TEH-02H	PID	00046	610UL	TSH+ 0.94	0.75		12	PID	1	
			H	TEH-02H	TEH-02H		00028	610UL	TSH+ 1.07	0.49		45	NQI	P 1	
			H	TEH-TEC	TEH-01H	RIT	00027	610UL	TSH+ 1.07	35.05			SLG	8	
52	109		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD		
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD		
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD		
			C	TEC-TEH	TEC-TEH		00022	610UL	TSH+ 0.41	7.24			SLG	8	



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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
52	109		C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.73	14.53			SLG	8
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.73	14.53			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.46to+ 1.51	1.20		352	SLG	1
			C	TSC-TSC	TSC-TSC		00067	610RC	TSC+ 0.00to+ 0.28	3.36		176	SLG	1
54	109		C	TEC-TEH	TEC-TEH		00022	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00067	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00067	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00067	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00022	610UL	TSH+ 0.30	5.12			SLG	8
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.71	11.32			SLG	8
			C	TEC-TEH	TEC-TEH		00022	610UL	01C+ 0.68	11.32			SLG	8
			C	01C-01C	01C-01C		00067	610RC	01C+ 0.50to+ 1.31	1.16		2	SLG	1
114	109		C	TEC-TEH	TEC-VS2		00028	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00059	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00055	610RC		0.00			NDD	
115	110		C	TEC-TEH	TEC-VS2		00028	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00059	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00057	610RC	01H+ 0.56to+ 1.39	1.93		95	DEP	10
114	111		C	TEC-TEH	TEC-VS2		00028	610UL		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00061	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00057	610RC	01H- 1.26to+ 1.45	1.40		274	DEP	10
56	115		H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	01H-02H	TEH-02H	RPI	00046	610UL	01H- 0.38	0.24		172	PID	P 1
			H	TEH-01H	TEH-01H	RPI	00026	610UL	01H- 0.18	0.25		66	NQI	P 1
31	120		C	TEC-TEH	TEC-TEH		00021	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00021	610UL	01C+ 0.0	10.66			SLG	8
33	120		C	TEC-TEH	TEC-TEH		00021	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00021	610UL	01C+ 0.59	10.26			SLG	8
37	120		C	TEC-TEH	TEC-TEH		00021	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00021	610UL	01C+ 0.62	11.50			SLG	8
39	120		C	TEC-TEH	TEC-TEH		00021	610UL		0.00			NDD	

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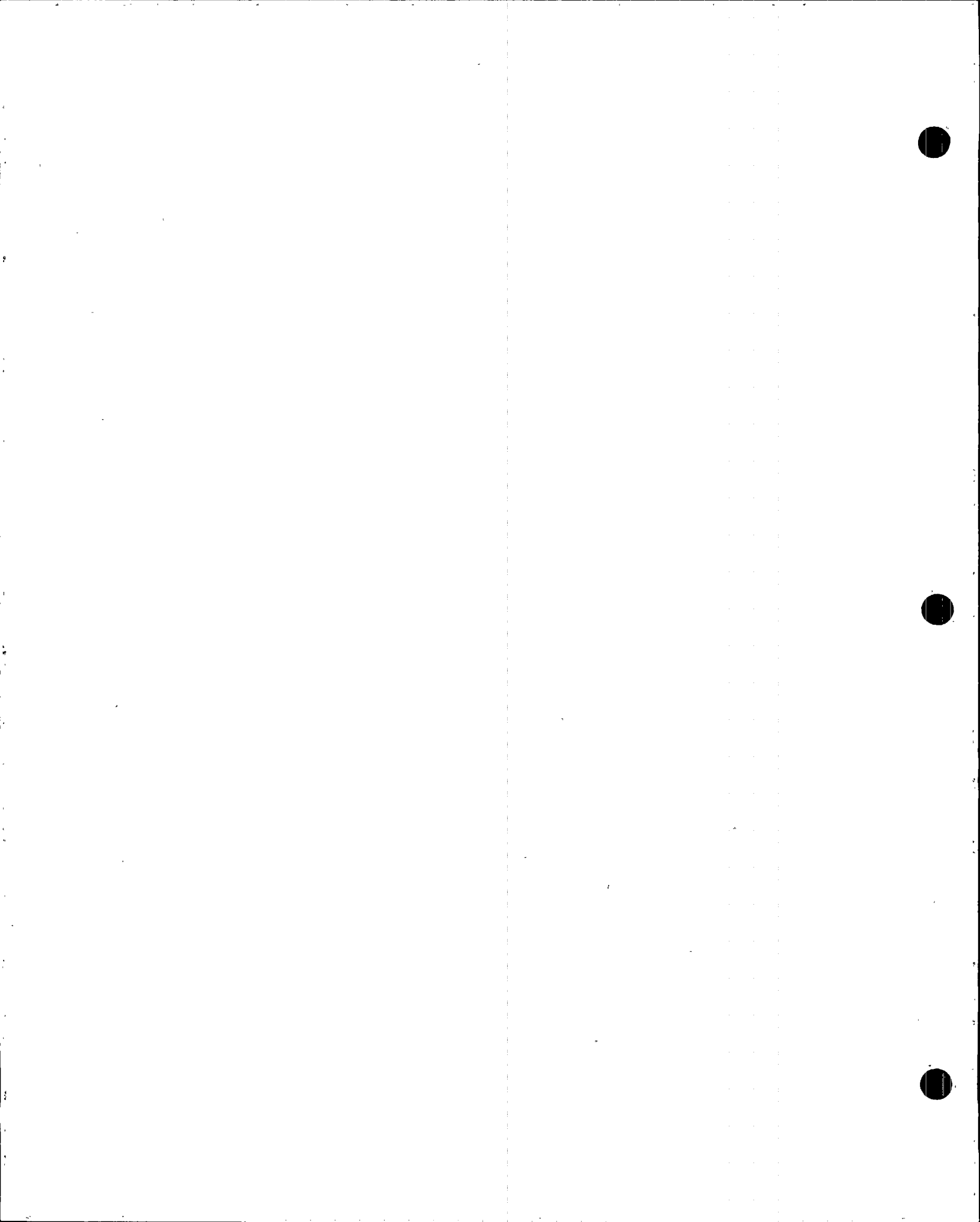
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
39	120		C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00021	610UL	01C+ 0.64	12.54			SLG	8
7	126		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.63	10.51			SLG	8
9	126		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.68	11.45			SLG	8
			C	01C-01C	01C-01C		00068	610RC	01C+ 0.37to+ 1.14	2.01		351	SLG	1
65	132		H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00037	610UL	TSH- 0.37	2.56		0	ETL	4
120	133		H	TEH-02H	TEH-02H		00015	610UL		0.00			NDD	
			H	TEH-02H	TEH-02H		00025	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	TSH-01H	TSH-01H		00053	610RC		0.00			NDD	
120	135		H	TEH-02H	TEH-02H		00014	610UL		0.00			NDD	
			H	TEH-02H	TEH-02H		00025	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	TSH-01H	TSH-01H		00053	610RC		0.00			NDD	
2	137		H	TEH-07H	TEH-02H		00013	610UL		0.00			NDD	
			H	TEH-07H	TEH-07H	RIC	00025	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00051	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
2	139		H	TEH-07H	TEH-07H		00012	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00051	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
55	140		C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	VS5+ 1.24	25.17		172	DNT P	1
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.74	12.49			SLG	8
			C	01C-01C	01C-01C		00068	610RC	01C+ 0.43to+ 1.20	1.41		349	SLG	1
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.25	3.50		354	SLG	1
139	140		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TEC-TSC	TEC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00046	610UL	TSC+ 0.00	1.00		70	NTE	4

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
2	141		H	TEH-07H	TEH-07H		00012	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00051	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
22	141		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.61	11.50			SLG	8
24	141		C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.40	1.21		184	SLG	1
			C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.66	11.40			SLG	8
54	141		C	TEC-TEH	TEC-TEH		00020	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00020	610UL	01C+ 0.72	12.14			SLG	8
			C	01C-01C	01C-01C		00068	610RC	01C+ 0.29to+ 0.99	0.82		175	SLG	1
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.30	3.36		176	SLG	1
2	143		H	TEH-07H	TEH-07H		00011	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00051	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
18	143		H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
			H	TEH-02H	TEH-02H		00011	610UL	TSH- 0.60	47.46		28	ETL	4
2	145		H	TEH-07H	TEH-02H		00009	610UL		0.00			NDD	
			H	TEH-07H	TEH-07H	RIC	00025	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00051	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
2	147		H	TEH-07H	TEH-02H		00008	610UL		0.00			NDD	
			H	TEH-07H	TEH-07H	RIC	00025	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00050	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
12	147		H	TEH-02H	TEH-02H		00008	610UL		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
14	147		H	TEH-02H	TEH-02H		00008	610UL		0.00			NDD	
			H	TEH-02H	TEH-02H		00025	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	



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STEAM GENERATOR: 32
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
2	149		H	TEH-07H	TEH-02H		00008	610UL		0.00			NDD	
			H	TEH-07H	TEH-07H	RIC	00025	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00050	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
2	151		H	TEH-07H	TEH-07H		00000	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00050	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
2	153		H	TEH-07H	TEH-07H		00000	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00050	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
99	154		H	VS2-VS2	BW1-VS2		00056	580RC		0.00			NDD	
			H	VS2-VS2	VS2-VS2		00056	580RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00038	610UL	VS2+ 3.22	1.00		133	33	1
2	155		H	TEH-07H	TEH-07H		00001	610UL		0.00			NDD	
			C	TEC-07H	TEC-07H		00050	610UL		0.00			NDD	
			H	07H-07C	07H-07C		00056	580RC		0.00			NDD	
121	156		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00066	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00066	610RC		0.00			NDD	
			C	TEC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TSC	TEC-TSC	RIC	00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.00	10.88		278	NTE	6
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.00	10.87		278	NTE	6
82	169		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
84	169		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
90	169		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
92	169		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	

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STEAM GENERATOR: 32
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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	VOLTS	CURRENT			
				PROGRAM	ACTUAL						MIL	DEG	%	CH
94	169		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
81	170		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
85	170		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
89	170		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
95	170		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
82	171		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
84	171		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
90	171		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	

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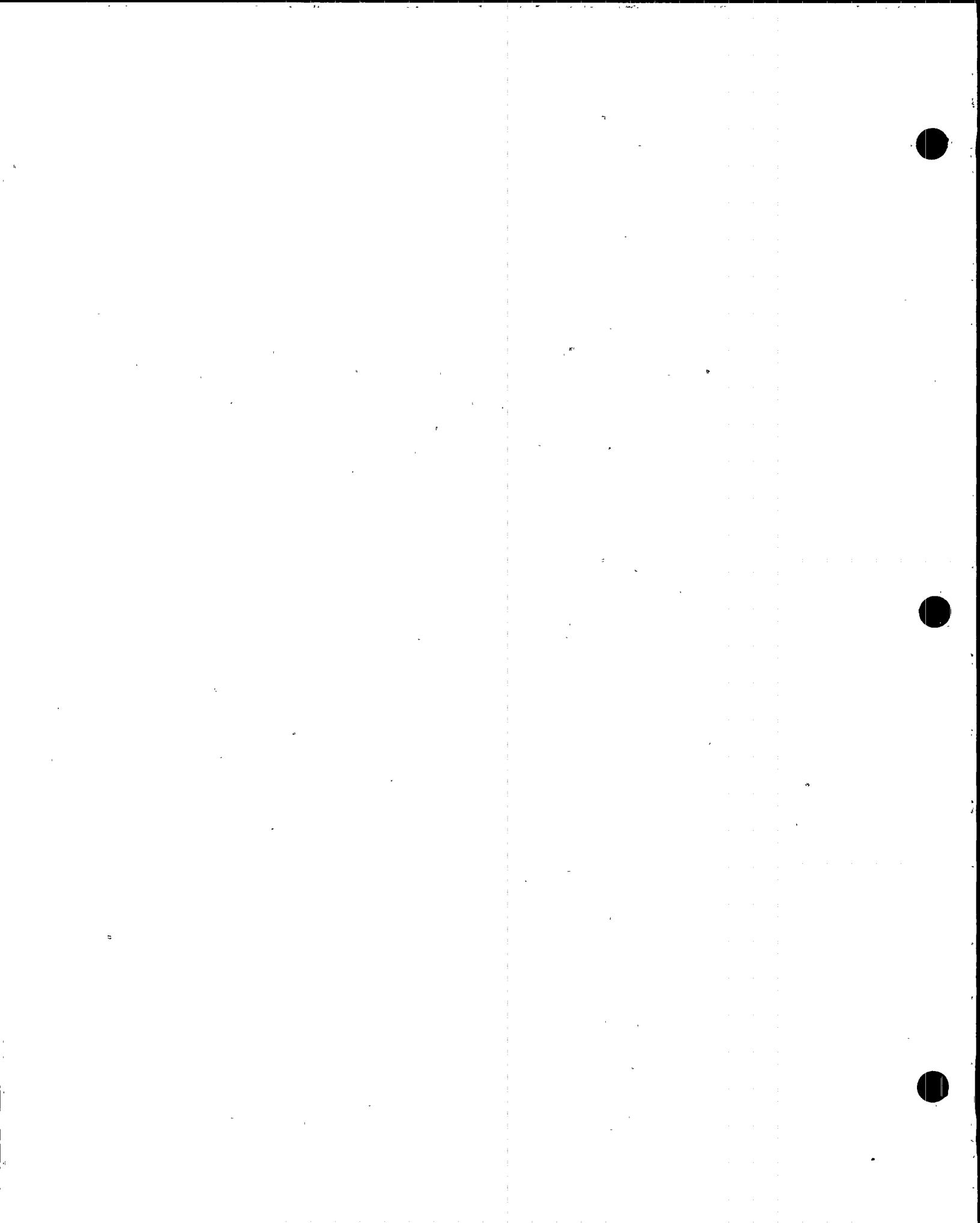
ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				CH
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	
90	171		C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
92	171		C	TEC-TEH	TEC-TEH		00042	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.20to+ 0.53	1.13		96	PLP	10
72	173		H	TEH-02H	TEH-02H		00004	610UL		0.00			NDD	
			H	TEH-02H	TEH-02H		00026	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	01H-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00053	610RC		0.00			NDD	
18	175		H	TEH-02H	TEH-02H		00003	610UL		0.00			NDD	
			H	TSH-TSH	TSH-TSH		00055	610RC		0.00			NDD	
16	181		H	TEH-02H	TEH-02H		00002	610UL		0.00			NDD	
			H	02H-02H	02H-02H		00053	610RC		0.00			NDD	
			H	TSH-01H	01H-01H		00053	610RC		0.00			NDD	
			H	TSH-01H	TSH-TSH		00053	610RC		0.00			NDD	
			H	TSH-01H	TSH-01H	RIC	00055	610RC		0.00			NDD	
49	182		H	TEH-02H	TEH-02H		00002	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
51	182		H	TEH-02H	TEH-02H		00002	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
48	183		C	03C-03C	03C-03C		00066	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00066	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH	RPI	00049	610UL	03C+ 0.95	0.59		0	NQI	P 1
			H	TEH-TEC	TEH-TEC		00049	610UL	03C+ 0.95	0.41		105	PID	P 1
52	183		C	TEC-TEH	TEC-TEH		00049	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
37	184		C	TEC-TEH	TEC-TEH		00049	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	

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ROW	LIN	EXP	LEG	EXAM EXTENT		REM	CAL	PROBE	LOCATION	CURRENT				
				PROGRAM	ACTUAL					VOLTS	MIL	DEG	%	CH
37	184		C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
39	184		C	TEC-TEH	TEC-TEH		00049	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
49	184		C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
51	184		C	TEC-TEH	TEC-TEH		00050	610UL	VS4+ 0.90	0.90		0	<20	P 2
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.64	0.52		285	PLP	10
			C	TEC-TEH	TEC-TEH		00050	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
36	185		C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00050	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
40	185		C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00050	610UL		0.00			NDD	
37	186		C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
39	186		C	TEC-TEH	TEC-TEH		00050	610UL	TSC+ 0.02to+ 0.34	1.11		79	SLG	1
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
			C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
39	186		C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	
			C	TEC-TEH	TEC-TEH		00050	610UL		0.00			NDD	
			C	03C-03C	03C-03C		00068	610RC		0.00			NDD	
			C	02C-02C	02C-02C		00068	610RC		0.00			NDD	
			C	01C-01C	01C-01C		00068	610RC		0.00			NDD	
39	186		C	TSC-TSC	TSC-TSC		00068	610RC		0.00			NDD	
			C	TEC-TEC	TEC-TEC		00068	610RC		0.00			NDD	



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NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 167

NO TREND ANALYSIS REQUESTED

REPORT OPTIONS:

All results are included for tubes with at least one call meeting criteria

APPENDIX E

SUMMARY DATA SHEETS PLP

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

TEAM GENERATOR: 31
LOCATION: ALL
CRITERIA: PLP

PAGE: 1 OF 1
DATE: 10/21/92
TIME: 17:55:35

EXAM EXTENT										CURRENT						04/91					
ROW	LIN	EXP	LEG	PROGRAM	ACTUAL	REH	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH	
1	170								02C+ 1.86							0.00				NDD	
									02C+ 1.37	2.33		0	PLP	8	****	0.60		110	PLP	27	
			C	02C-02C	02C-02C		00085	610RC													
41	184															0.00				NDD	
			C	TEC-TEH	TEC-TEH		00051	610UL	TSC+ 0.34	0.12		0	PLP	8	****						
			C	TEC-TEH	TEC-TEH		00000	610UL	TSC+ 0.0	0.00			PLP		****						
40	185																				
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 1.22	1.06		212	PLP	8	****						
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.38	0.07		0	PLP	8	****						
									TSC- 0.40							33.70		177	ETL	4	
42	185															0.00				NDD	
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.87	0.82		208	PLP	8	****						
			C	TEC-TEH	TEC-TEH		00052	610UL	TSC+ 0.35	0.18		0	PLP	8	****						
29	186								01C+ 2.41							1.00		57	PLP	27	
			C	01C-01C	01C-01C		00085	610RC	01C+ 0.72	0.72		0	PLP	8	****						

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 5

TREND ANALYSIS SUMMARY

TREND CRITERION	COUNT	% OF TUBES EVALUATED
CALL / NO CALL	2	<1
INDICATION CODES DIFFER	0	0
PLUGGABLE OR CHANGE IN DEPTH INDICATION	0	0
DEPTH RANGE CHANGE		
1% - 100% 5%		
TOTAL	2	
NOTE: LOCATIONS DIFFERING BY 1.0 INCHES CONSIDERED THE SAME		

REPORT OPTIONS:

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

MAP OPTIONS:

Plot data from current examination only

CUMULATIVE REPORT
10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

STEAM GENERATOR: 32

LOCATION: ALL

CRITERIA: PLP

PAGE: 1 OF 1

DATE: 10/20/92

TIME: 21:21:07

EXAM EXTENT										CURRENT						04/91				
ROW	LIN	EXP	LEG	PROGRAM	ACTUAL	REM	CAL	PROBE	LOCATION	VOLTS	MIL	DEG	%	CH	CHNG	VOLTS	MIL	DEG	%	CH
1	64															0.00				NDD
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.13to+ 0.46	1.69			0	PLP	10	YES				
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.86to+ 1.16	3.33			0	PLP	10	YES				
3	64															0.00				NDD
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.00to+ 0.86	1.86			257	PLP	10	YES				
2	65															0.00				NDD
																0.00				NDD
			H	TSH-TSH	TSH-TSH		00053	610RC	TSH+ 0.78to+ 1.32	1.44			0	PLP	10	YES				
									TSH+ 1.62							0.20		0	PLP	8
92	171															0.00				NDD
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.20to+ 0.53	1.13			96	PLP	10	YES				
49	184								VS4+ 0.98							1.40		0	29	18
			C	TSC-TSC	TSC-TSC		00068	610RC	TSC+ 0.00to+ 0.64	0.52			285	PLP	10	YES				

NUMBER OF TUBES SELECTED FROM CURRENT OUTAGE: 5

TREND ANALYSIS SUMMARY

TREND CRITERION	COUNT	% OF TUBES EVALUATED
ALL / NO CALL	6	<1
INDICATION CODES DIFFER	0	0
PLUGGABLE OR CHANGE IN DEPTH INDICATION	0	0
DEPTH RANGE CHANGE		
1% - 100% 5%		

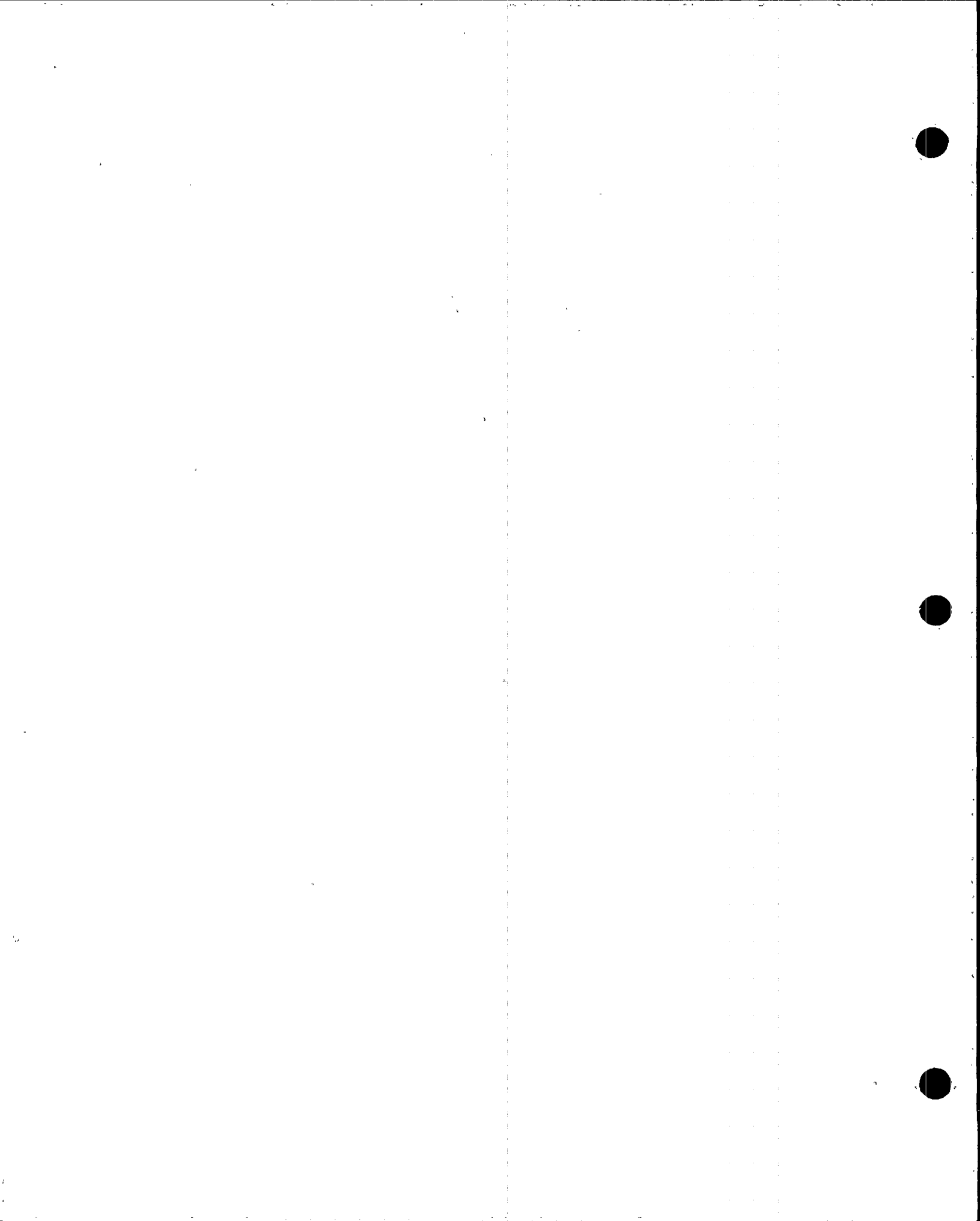
TOTAL 6

NOTE: LOCATIONS DIFFERING BY 1.0 INCHES CONSIDERED THE SAME

REPORT OPTIONS:

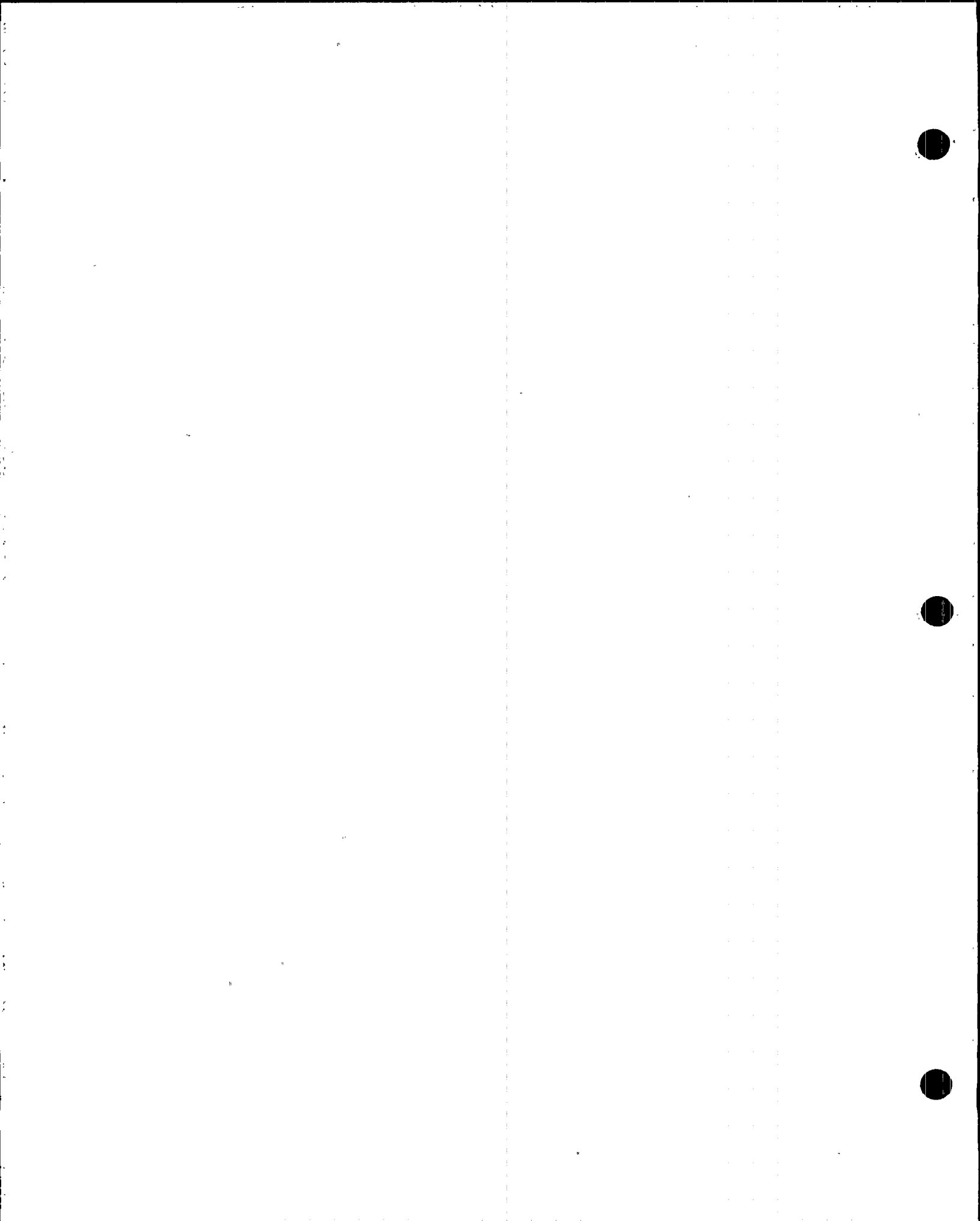
Only examination results matching criteria are included

Only historical results for tubes selected from current exam are included



APPENDIX F

TUBE PLUG MAP



10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

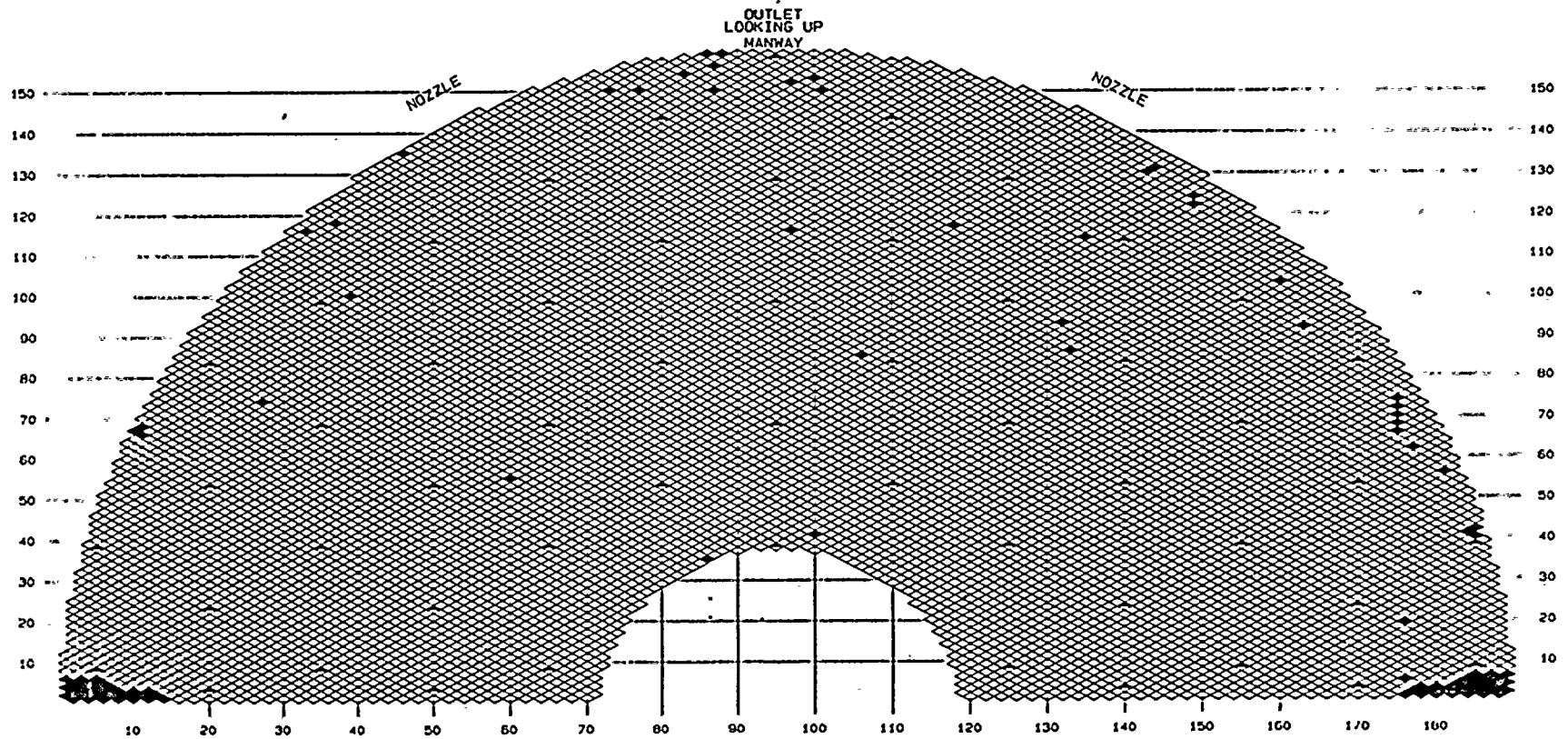
STEAM GENERATOR: 31

LOCATION: ALL
CRITERIA: PLG

DATE: 11/18/92
TIME: 13:38:28

STAYS

PLUGGED 105 ◆



10/92, ARIZONA PUBLIC SERVICE CO., PALO VERDE, UNIT 3

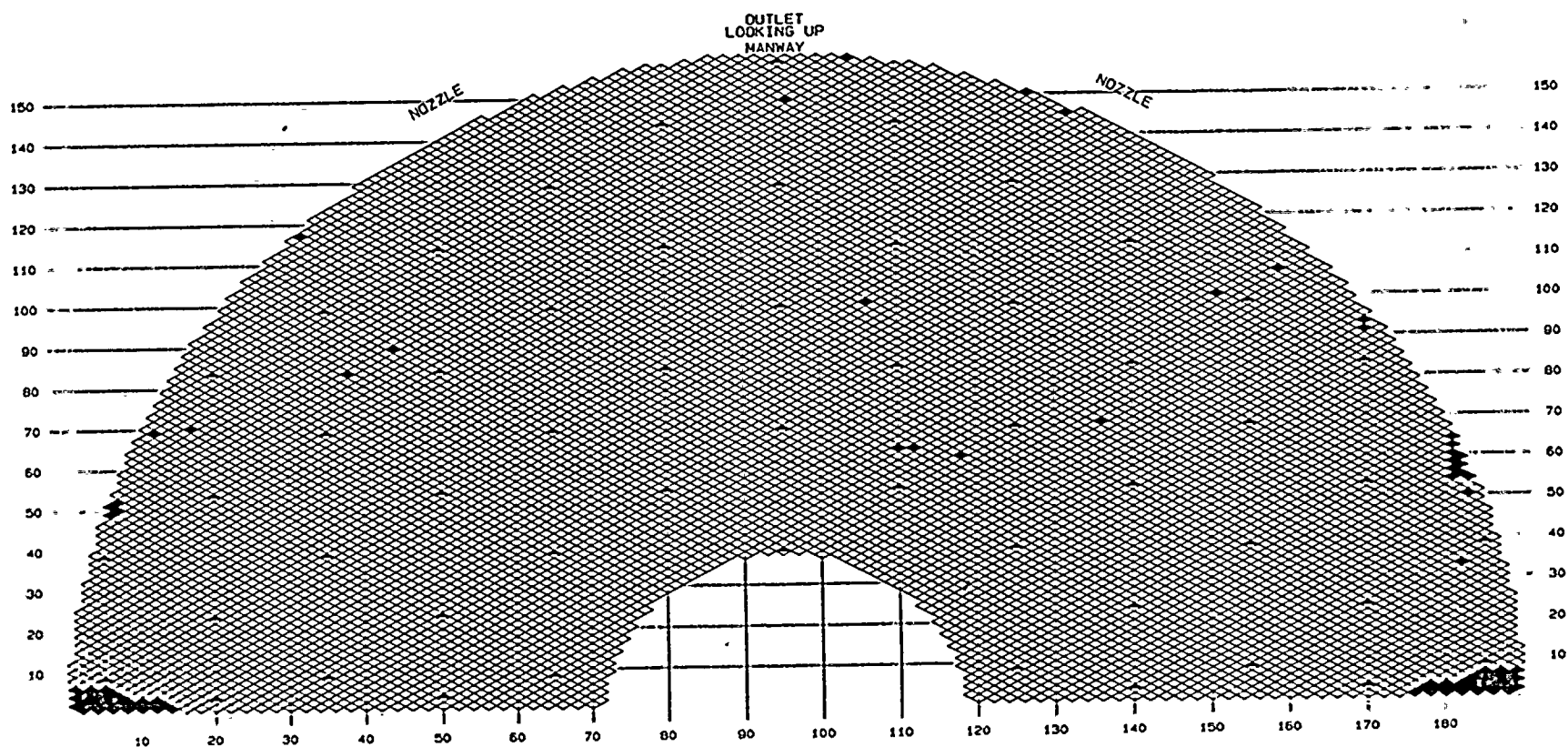
STEAM GENERATOR: 32

LOCATION: ALL
CRITERIA: PLG

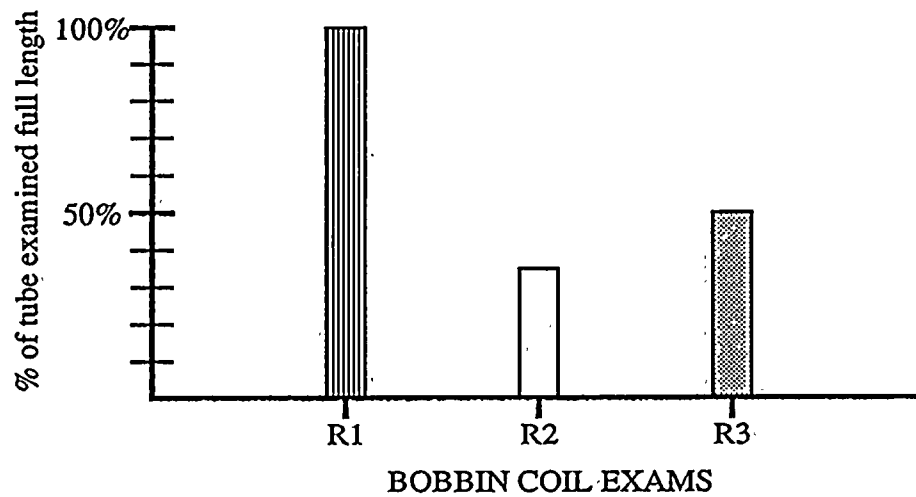
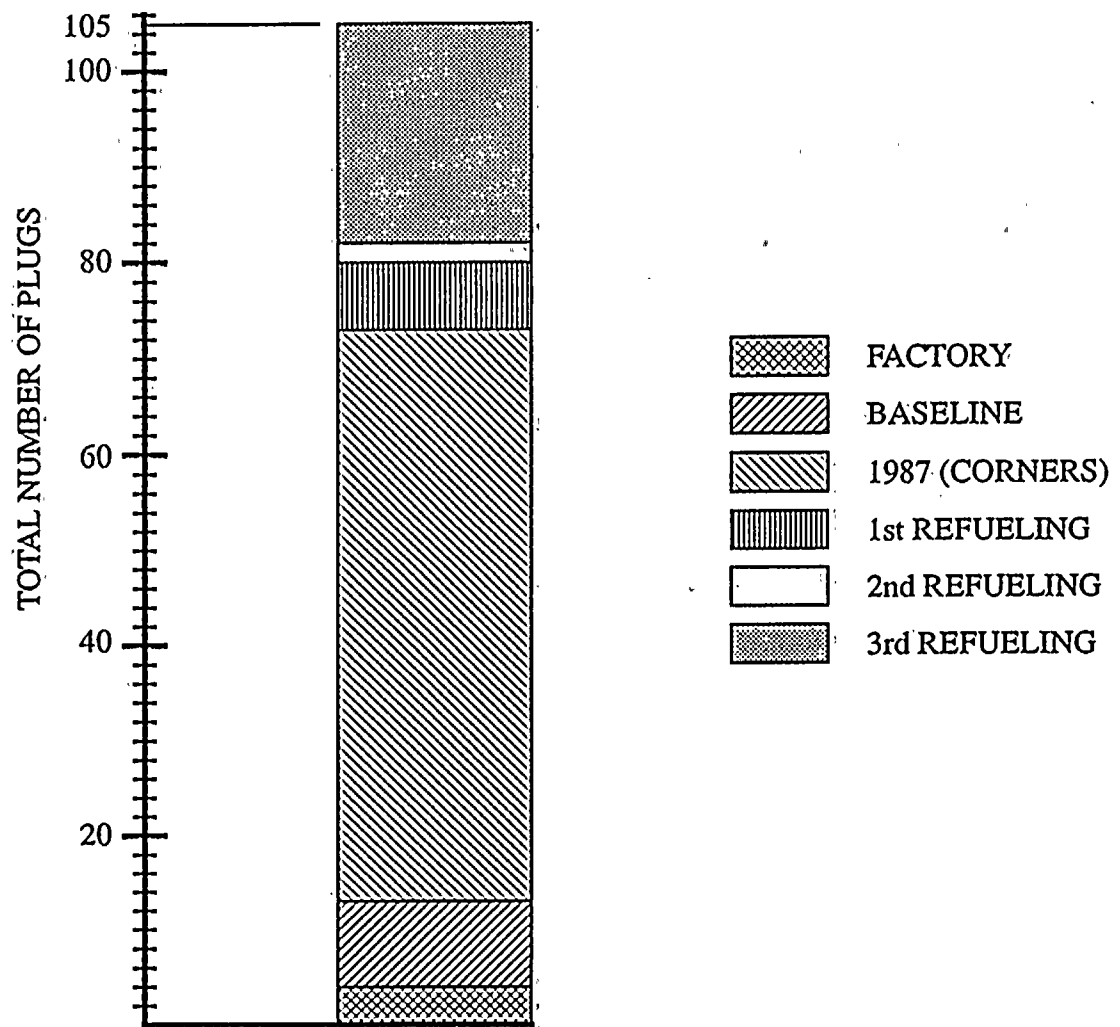
DATE: 11/18/92
TIME: 13:48:32

STAYS

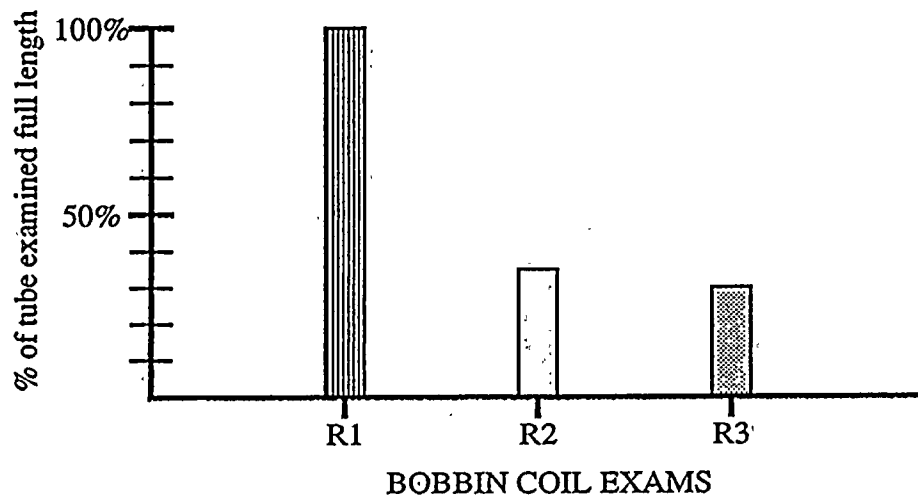
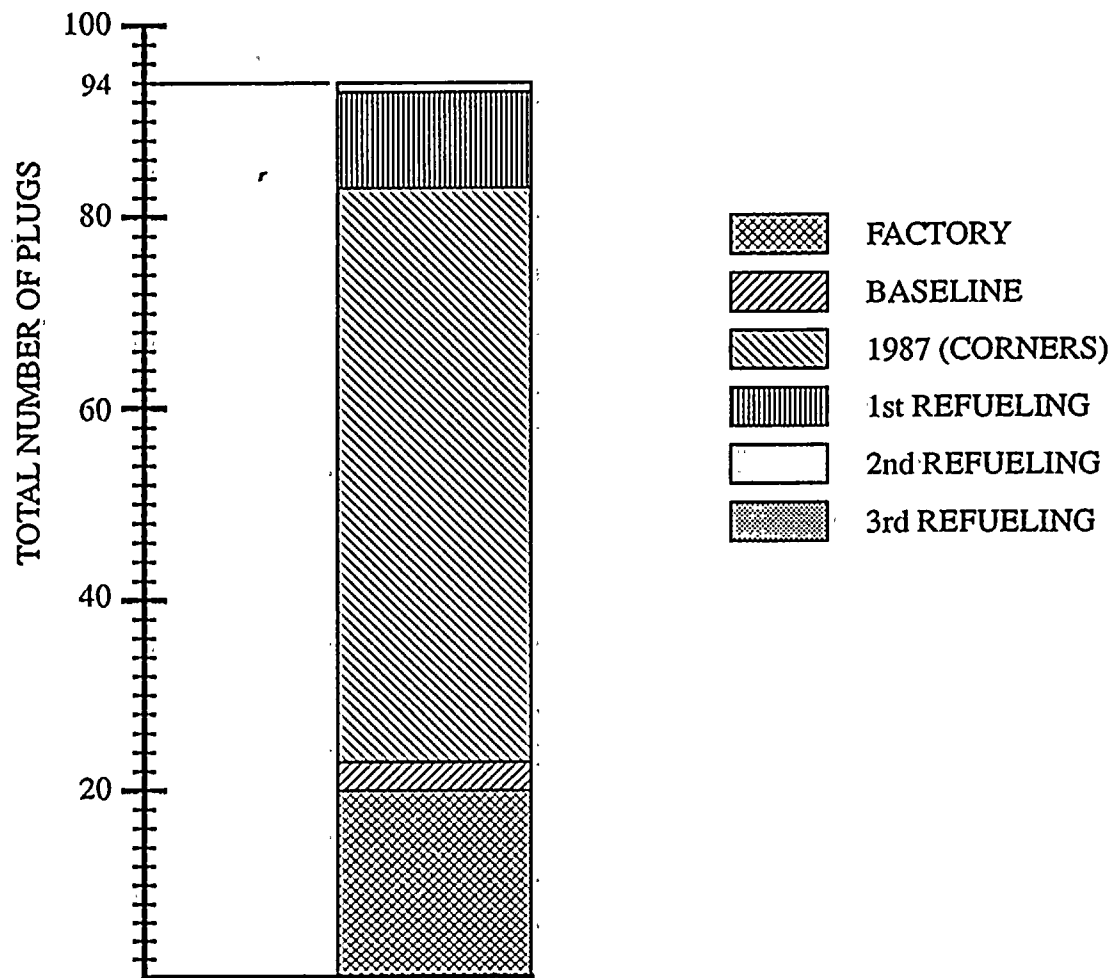
PLUGGED 94 ♦



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 4 MILES SOUTH WINTERSBURG, ARIZONA
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
3MRCEE01A STEAM GENERATOR 31 TUBING	COMBUSTION ENGINEERING	65273-1	N/A	22860
3MRCEE01B STEAM GENERATOR 32 TUBING	COMBUSTION ENGINEERING	65273-2	N/A	22861

APS

NIS-1 BACK

OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES 10-5-92 TO 10-23-92
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 5517 tubes were examined full length, and all remaining tubes were examined part length. For Steam generator 32 a total of 3872 tubes were examined full length, and all remaining tubes were examined part length. Several degraded/defective tubes were observed during testing and they are documented in Appendix C, D, and E of this report. The tubes identified on the following pages were plugged and/or staked as a result of this examination

TUBES PLUGGED

SG 31 = 23

SG 32 = 0

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 12-24-92 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 10-5-92 TO 10-23-92, 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 N.B. 9685 "N" "I" Az. 264
DATE 12-28-92 NAT' BOARD, STATE, PROVINCE

15-54-45

15-54-45

STEAM GENERATOR 31

<u>ROW</u>	<u>LINE</u>
74	27
118	37
150	73
150	77
159	86
150	87
156	87
116	97
152	97
41	100
150	101
117	118
93	132
114	135
130	143
131	144
122	149
124	149
103	160
92	163
41	184
40	185
42	185

