

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 6798

FILE: \_\_\_\_\_

<b>FROM:</b> Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley			<b>DATE OF DOC</b> 8-29-73	<b>DATE REC'D</b> 9-6-73	<b>LTR</b> X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> A. Giambusso			<b>ORIG</b> 3 signed	<b>CC</b> 39	<b>OTHER</b>	<b>SENT AEC PDR</b> X <b>SENT LOCAL PDR</b> X		
<b>CLASS</b>	<b>UNCLASS</b> XXX	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b> 40		<b>DOCKET NO:</b> 50-261		

**DESCRIPTION:**

Ltr trans the following:

**ENCLOSURES:**

REPORT: -Biweekly Rpt of Results of Incore  
Surveillance, covering the period  
8-9 thru 8-22-73

**PLANT NAME:** H. B. Robinson Unit 2

**ACKNOWLEDGED**  
( 40 cys rec'd )  
**DO NOT REMOVE**

FOR ACTION/INFORMATION

9-7-73 GC

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**INTERNAL DISTRIBUTION**

✓ <u>REG FILE</u> ✓AEC PDR ✓OGC, ROOM P-506A ✓MUNTZING/STAFF CASE GIAMBUSO BOYD MOORE (L)(BWR) DEYOUNG(L)(PWR) ✓SKOVHOLT (L) P. COLLINS	<u>TECH REVIEW</u> HENDRIE SCHROEDER ✓MACCARY KNIGHT PAWLICKI SHAO ✓STELLO HOUSTON NOVAK ROSS IPPOLITO ✓TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR  HARLESS	<u>LIC ASST</u> DIGGS (L) GEARIN (L) GOULBOURNE (L) LEE (L) MAIGRET (L) SERVICE (L) SHEPPARD (E) SMITH (L) ✓TEETS (L) WADE (E) WILLIAMS (E) WILSON (L)	<u>A/T IND</u> BRAITMAN SALTZMAN  <u>PLANS</u> MCDONALD DUBE  <u>INFO</u> C. MILES
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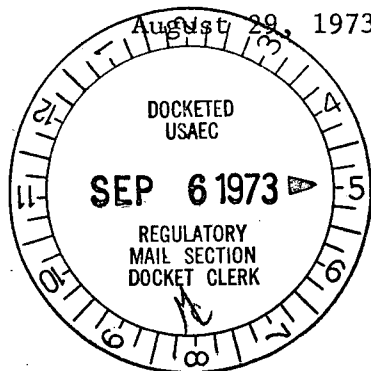
**EXTERNAL DISTRIBUTION**

✓1 - LOCAL PDR Hartville, S. C.	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓1 - DTIE(ABERNATHY)	1-R.Schoonmaker, OC, GT, D-323	1-GERALD LELLOUCHE
✓1 - NSIC(BUCHANAN)	1-R. CATLIN, E-256-GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE/SAYRE/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(WALTER KOESTER
✓16 - CYS ACRS <del>XXXXXXXX</del> SENT TO LIC. ASST.	NEWARK/BLUME/AGBABIAN	RM-C-427-GT
9-7-73 TEETS	1-GERALD ULRIKSON...ORNL	✓1-RD..MULLER..F-309 GT

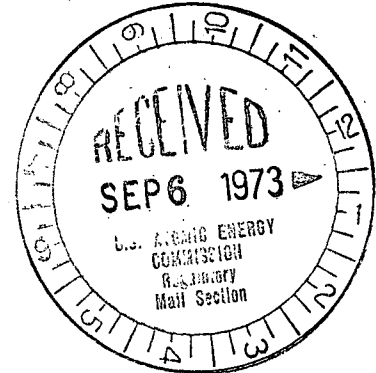
**CP&L****Regulatory Docket File**

Carolina Power &amp; Light Company

File: NG 3514



Serial: NG-73-340



Mr. A. Giambusso  
 Deputy Director for Reactor Projects  
 Directorate of Reactor Licensing  
 U. S. Atomic Energy Commission  
 Washington, D. C. 20545

Dear Mr. Giambusso:

H. B. ROBINSON UNIT NO. 2  
 LICENSE DPR-23  
BIWEEKLY REPORT OF RESULTS OF INCORE SURVEILLANCE

In accordance with the requirements of the "Interim Conditions for Operation, H. B. Robinson Unit No. 2," dated July 25, 1973, we hereby submit as an attachment the biweekly report of the results of incore surveillance for the period August 9 - August 22, 1973.

Yours very truly,

E. E. Utley  
 Vice-President  
 Bulk Power Supply

DBW:mvp  
 Attachment

cc: Messrs. C. D. Barham  
 N. B. Bessac  
 B. J. Furr  
 D. V. Menscer  
 D. B. Waters

6798

# Regulatory Docket File

Received w/ Ltr Dated 8-21-73

H. B. ROBINSON STEAM ELECTRIC PLANT

UNIT NO. 2

AUGUST 23, 1973

## INCORE SURVEILLANCE DATA SUMMARY

Robinson File No. 2-A-7

Surveillance was performed on  $F_{z z} S_z$  at approximately one to two hour intervals. The surveillance data was then compiled on graphs and attached to this report. During this reporting period there were two weekly valve tests, one on August 12 and one on August 19. Power was maintained at 75% of full power for six hours after the August 12 valve test due to a lack of demand on the system.

No major problems arose during the reporting period, though some minor maintenance was performed on the APDMS panel. This maintenance did not prevent the normal surveillance of  $F_{z z} S_z$ .

A list of suggested guidelines on Xenon control was submitted to operations to co-ordinate their efforts to maintain  $F_{z z} S_z$  below the operational alarm limit of  $\frac{1.46}{p}$ . From all indications, the guidelines are working quite well as shown on the attached graphs.

Compiled By:

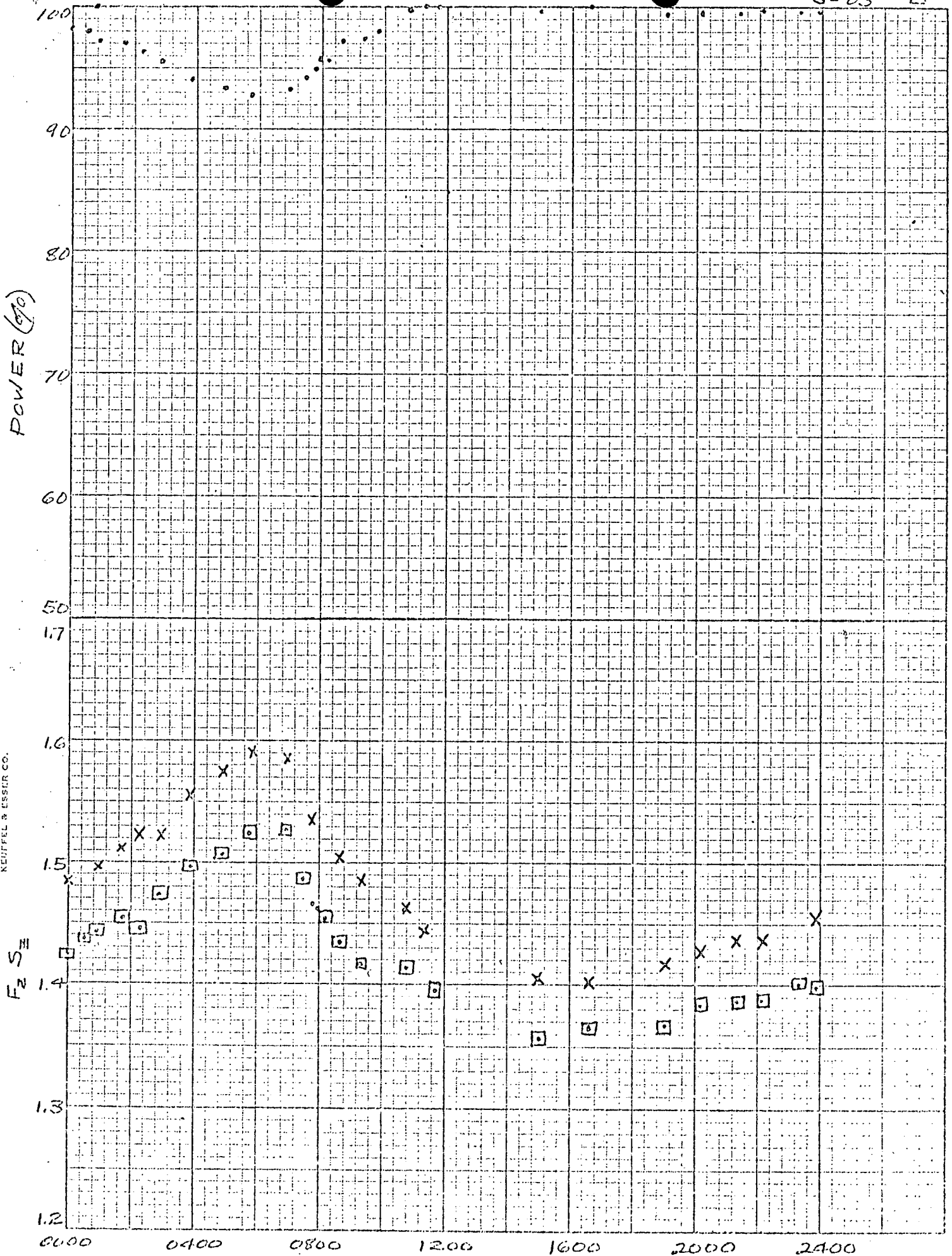
R. H. Chambers  
R. H. Chambers

Approved By:

Benny J. Furr  
Benny J. Furr

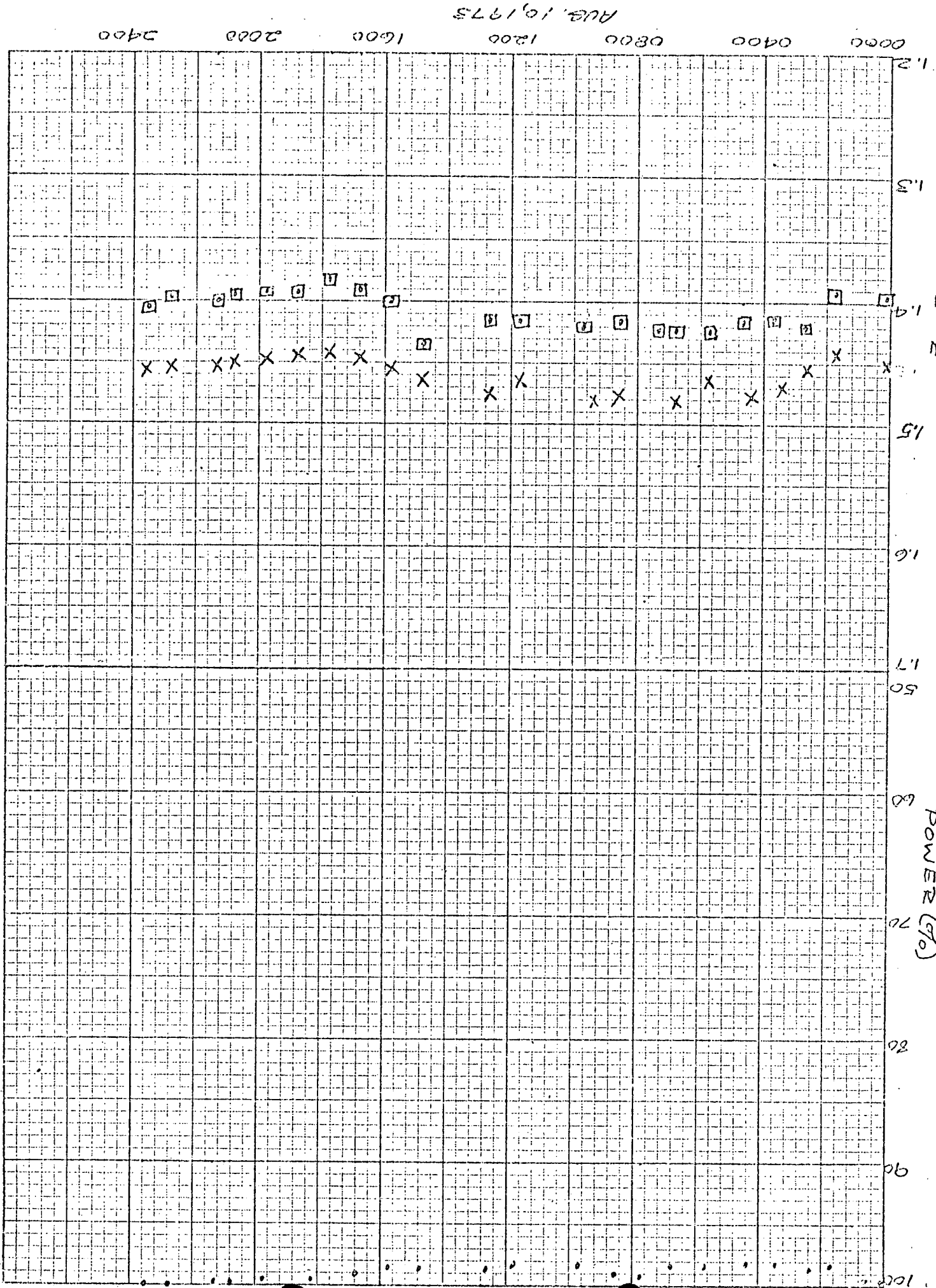
RHC: sr

LEGEND: POWER •  
F-13 X  
S-03 □



AUG. 9, 1973

24" X 10" TO THE INCH 46 0780  
 5 1/2" X 10" INCHES  
 KEUFFEL & ESSER CO.  
 MADE IN U.S.A.



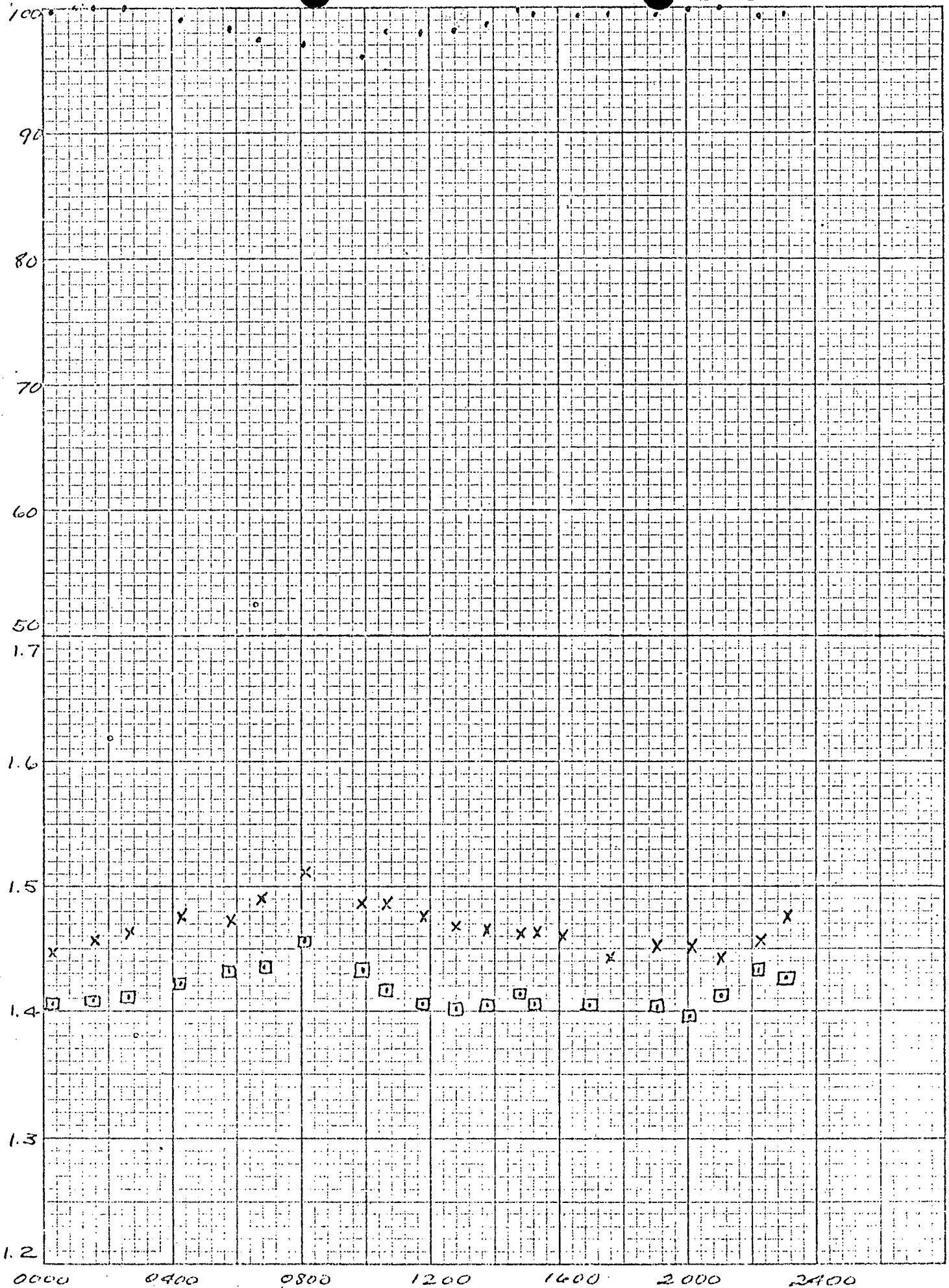
LEGEND:

POWER  
F-13  
J-03

X  
□

POWER (%)

F<sub>2</sub> 52

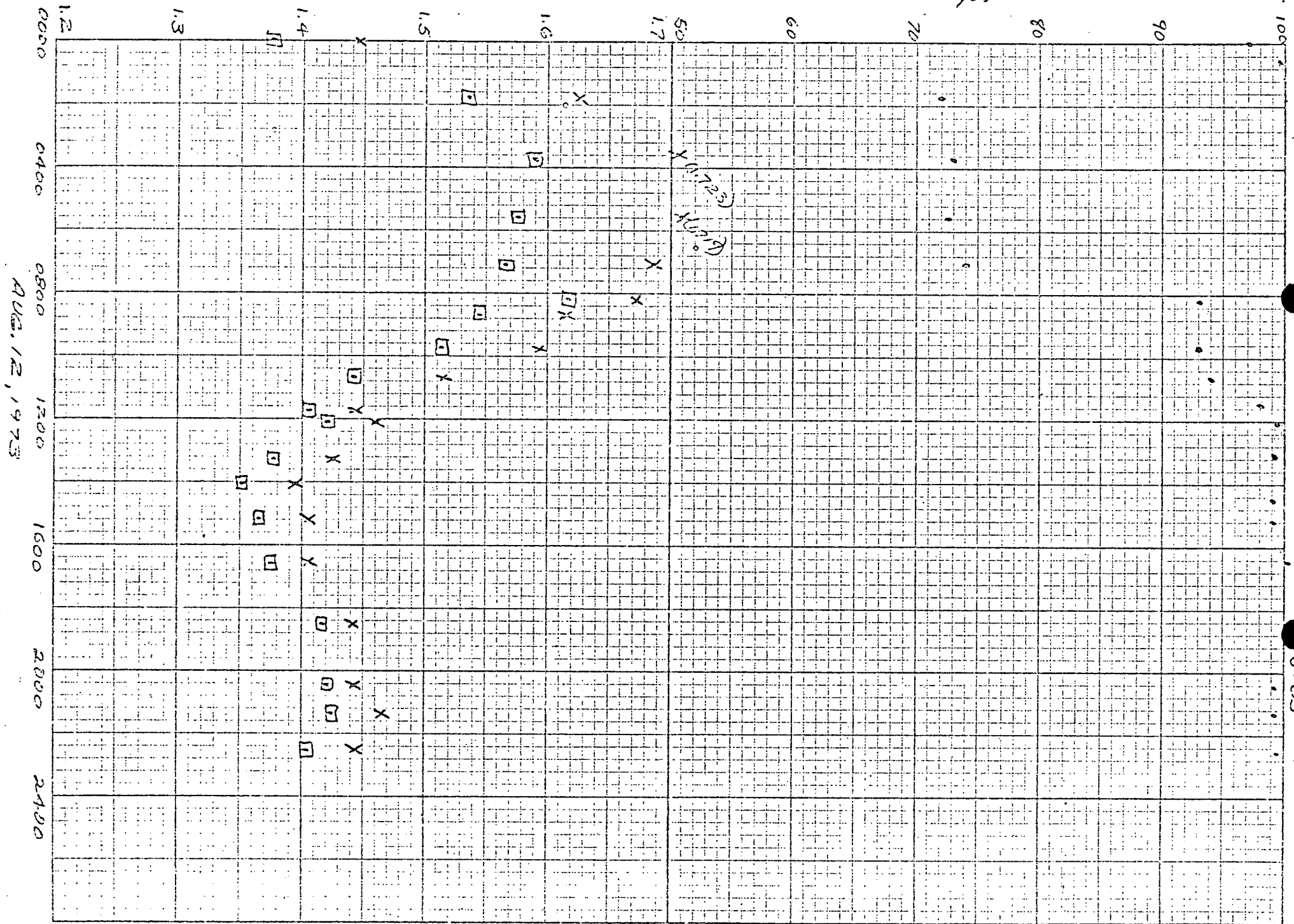


AUG. 11, 1973

10 X 10 TO THE INCH 45 0790  
7 X 10 INCHES  
MADE IN U.S.A.  
KEUFFEL & ESSER CO.

F2 S2

POWER (%)



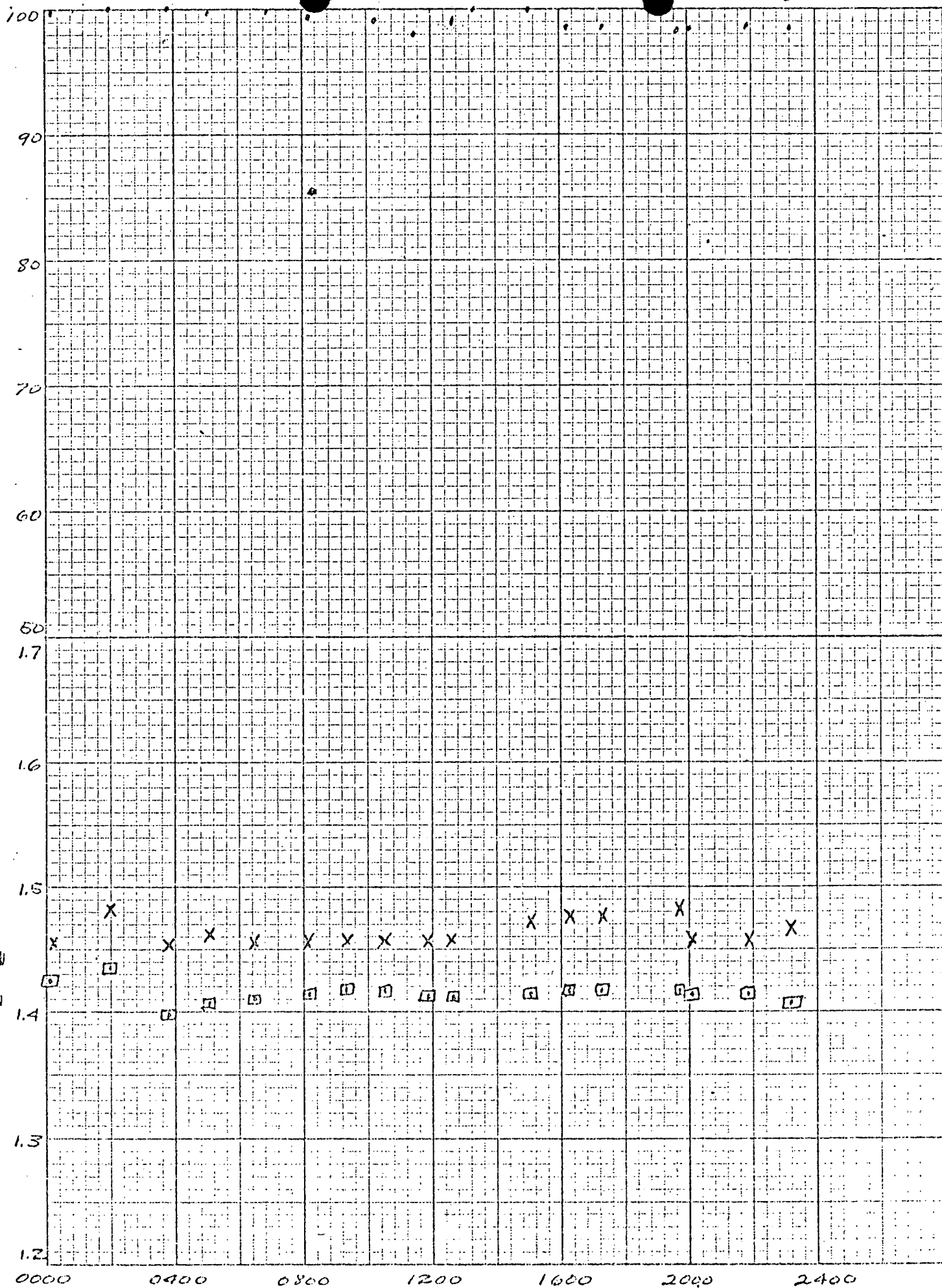
Legend: F-13 X  
J-05 O

LEGEND POWER  
F-13  
J-03

POWER-(%)

10X10 TO THE INCH 46 0780  
7X10 INCHES  
MADE IN U.S.A.  
KEUFFEL & ESSER CO.

F252



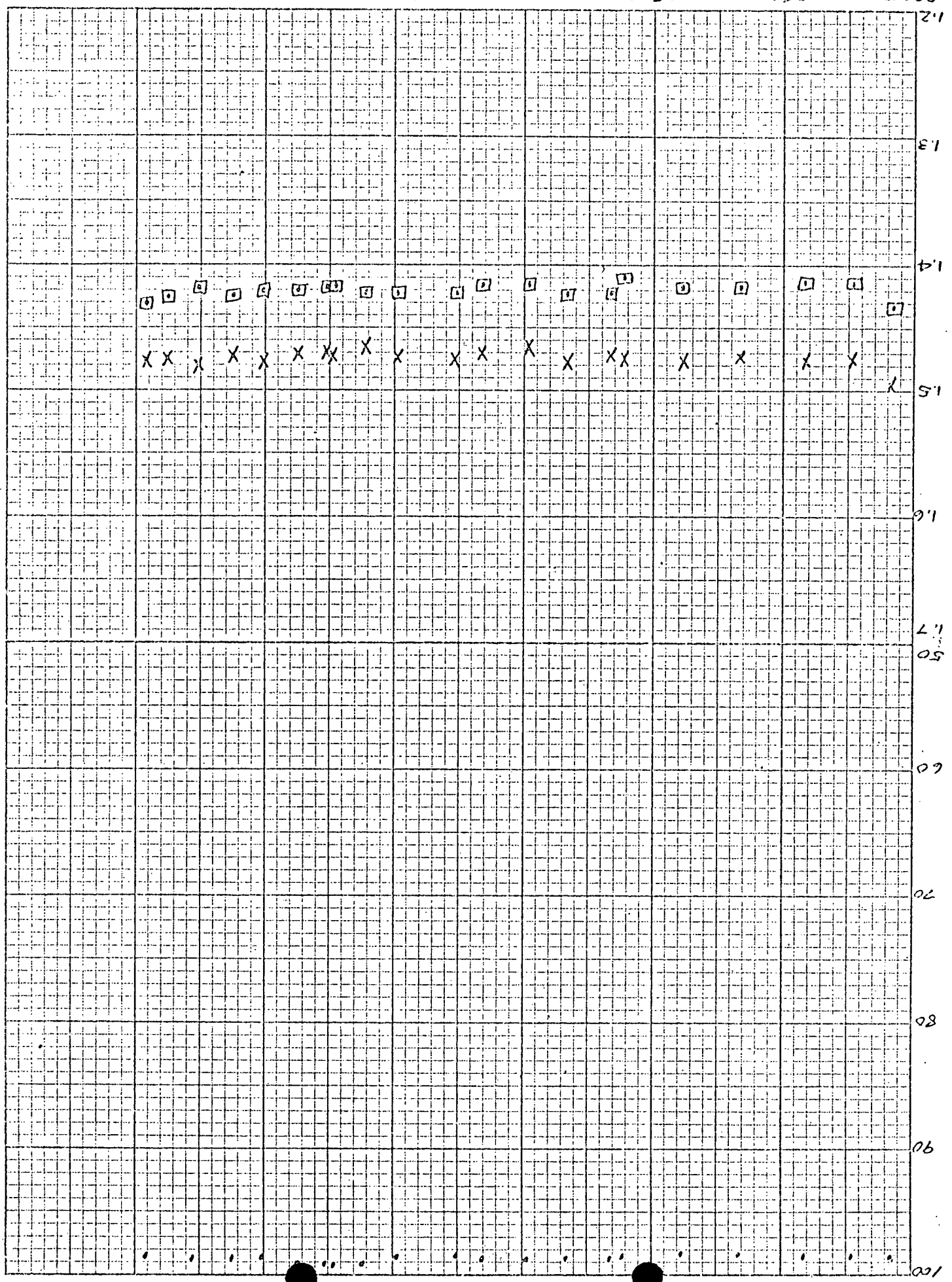
AUG. 13, 1973



10 X 10 TO THE INCH 46 0780  
 7 X 10 INCHES  
 KEUFFEL & PENNER CO.  
 MADE IN U.S.A.

AUG. 14, 1973

0000 0400 0800 1200 1600 2000 2400



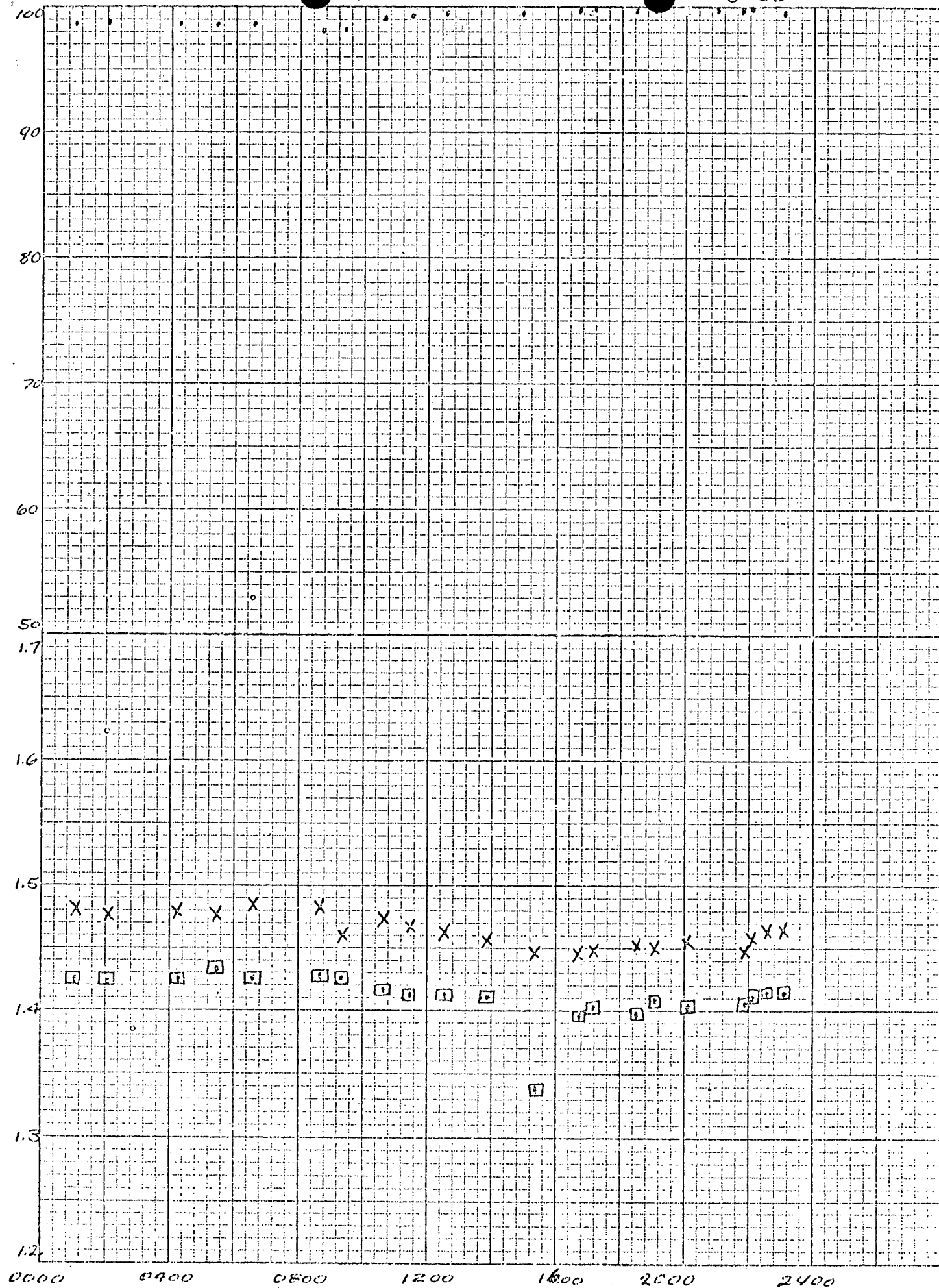
9-18  
 X

LEGEND: POWER  
 F-13  
 J-03

POWER (%)

F2 52

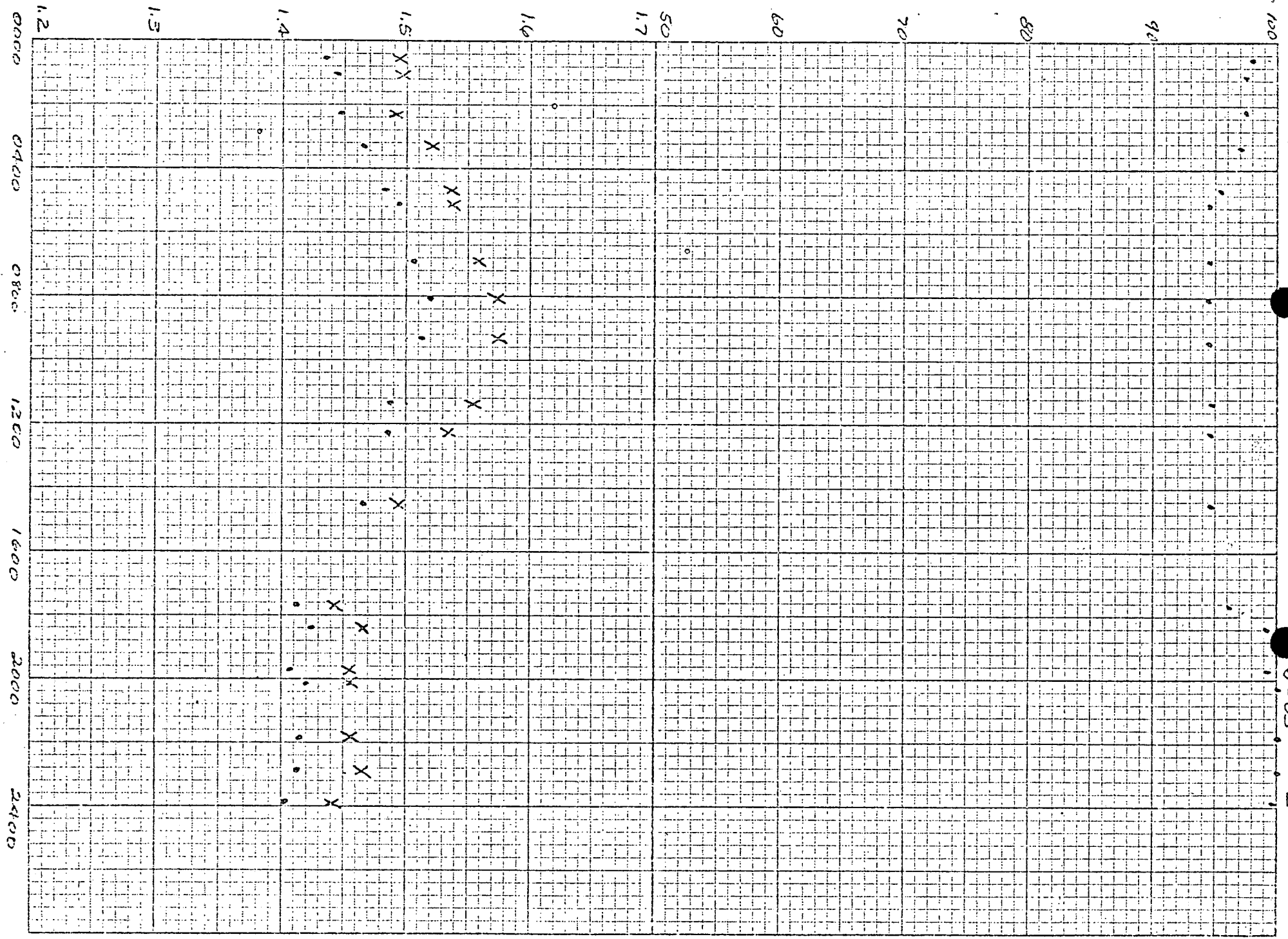
10 X 10 TO THE INCH 45 0750  
 7 X 10 INCHES MADE IN U.S.A.  
 KEUFFEL & ESSER CO.



AUG. 15, 1973

POWER (%)

1.2  
1.3  
1.4  
1.5  
1.6  
1.7  
1.8  
1.9  
2.0

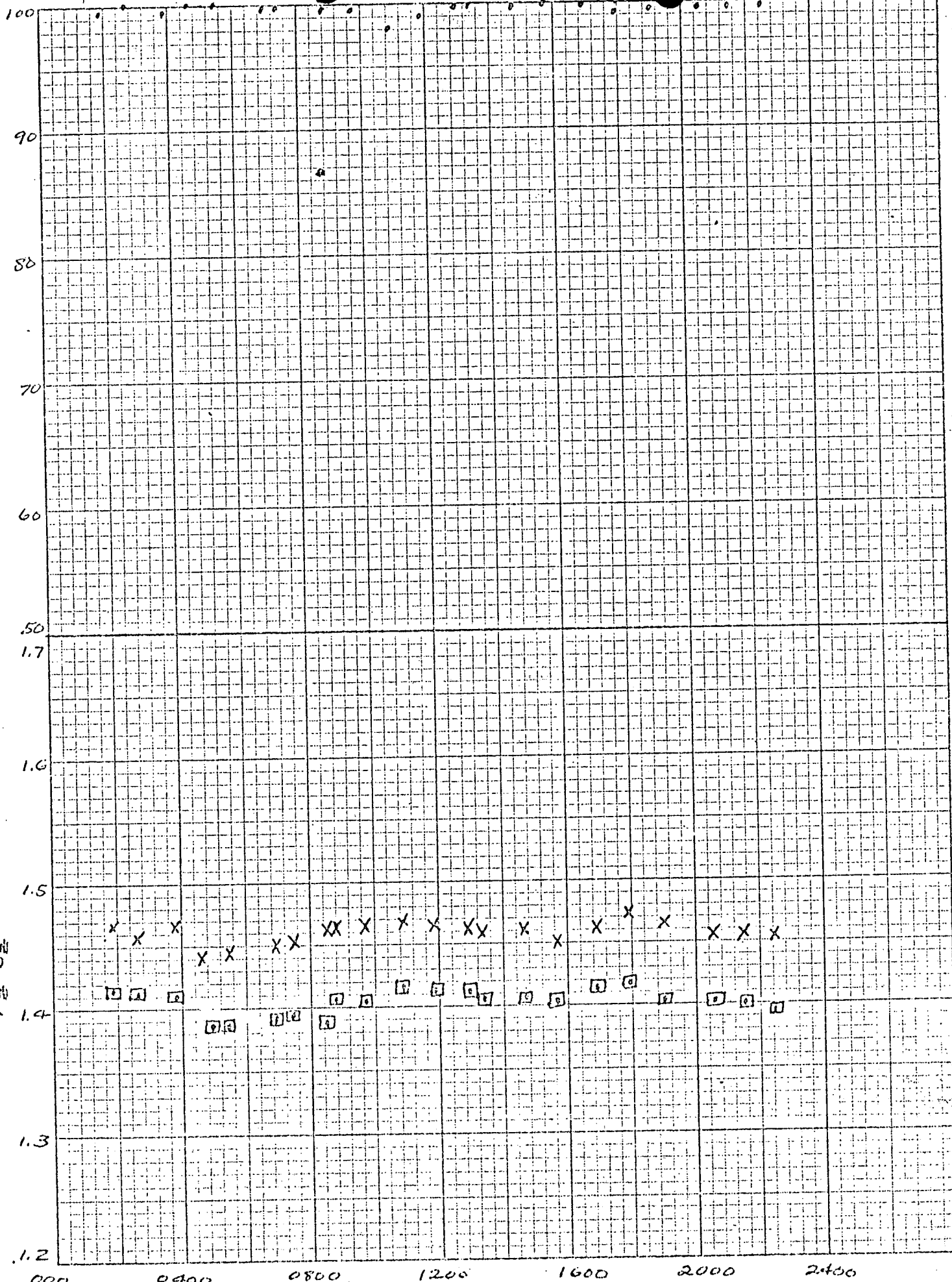


Aug. 16, 1973

POWER (%)  
F-13  
J-03  
X

LEGEND: POWER  
 F-13 X  
 J-03 □

POWER (%)



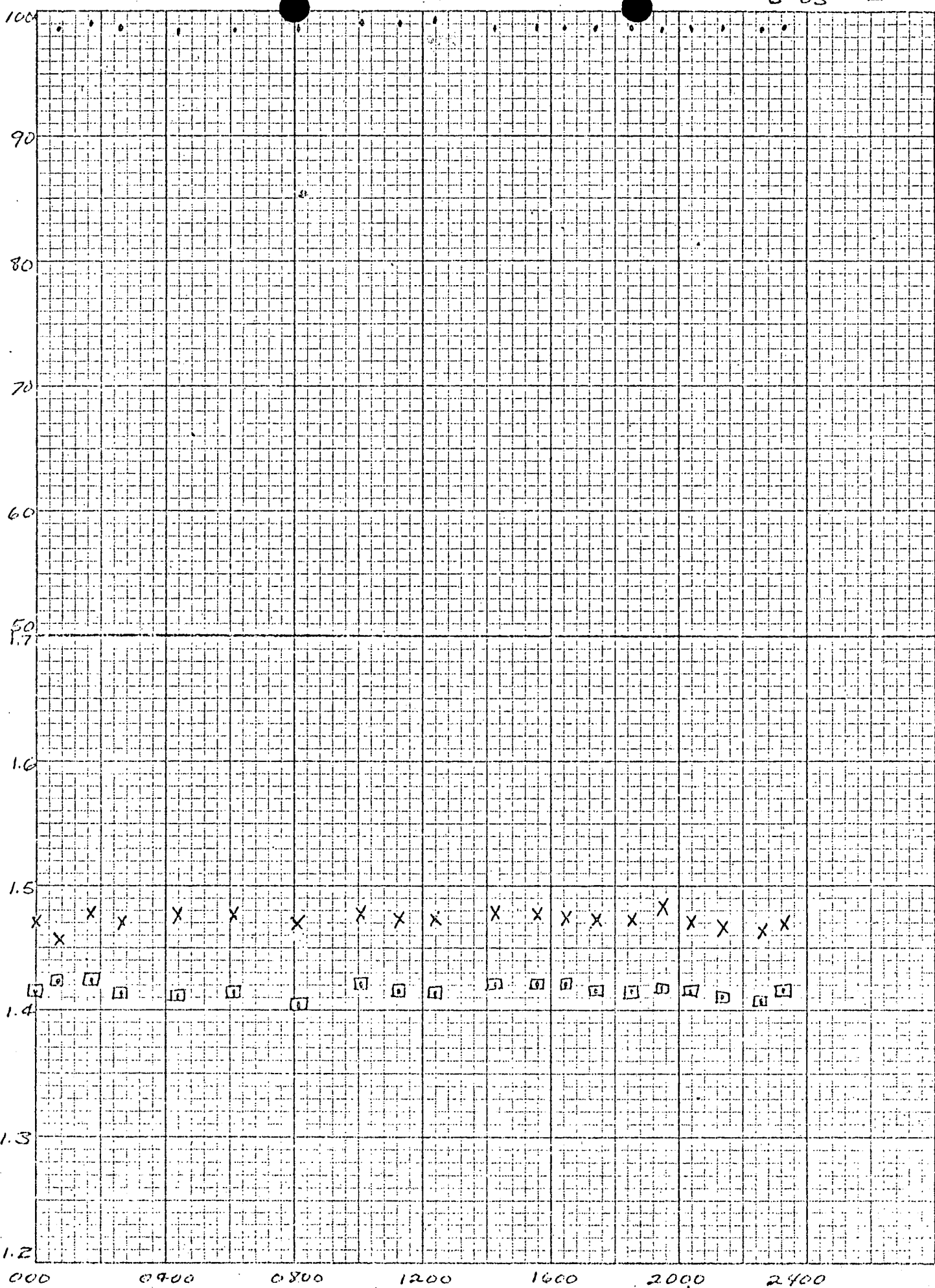
10 X 10 TO THE INCH 46 0780  
 7 X 10 INCHES  
 KEUFFEL & ESSER CO.

AUG. 17, 1973

F-13  
S-03

X  
D

POWER (%)



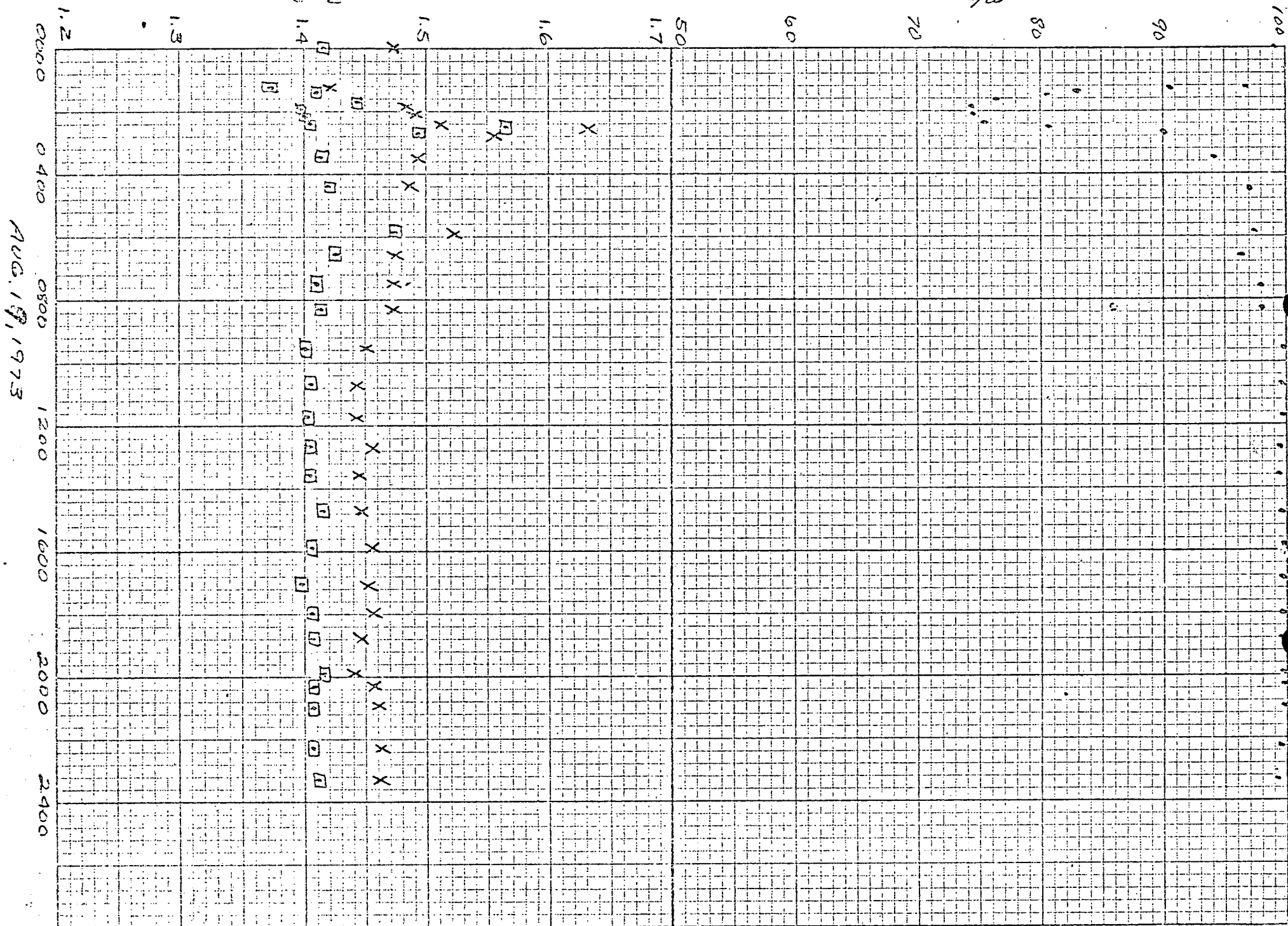
10 X 10 TO THE INCH 45 0780  
7 X 10 INCHES  
KEUFFEL & ESSER CO.

AUG. 18, 1973



$F_{45E}$

POWER (%)



LEGEND:  
 POWER  
 F-13  
 J-03  
 X  
 O

AUG. 19, 1973

POWER (%)

1.2  
1.3  
1.4  
1.5  
1.6  
1.7  
1.8  
1.9  
2.0  
2.1  
2.2  
2.3  
2.4  
2.5  
2.6  
2.7  
2.8  
2.9  
3.0  
3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
4.0  
4.1  
4.2  
4.3  
4.4  
4.5  
4.6  
4.7  
4.8  
4.9  
5.0  
5.1  
5.2  
5.3  
5.4  
5.5  
5.6  
5.7  
5.8  
5.9  
6.0  
6.1  
6.2  
6.3  
6.4  
6.5  
6.6  
6.7  
6.8  
6.9  
7.0  
7.1  
7.2  
7.3  
7.4  
7.5  
7.6  
7.7  
7.8  
7.9  
8.0  
8.1  
8.2  
8.3  
8.4  
8.5  
8.6  
8.7  
8.8  
8.9  
9.0  
9.1  
9.2  
9.3  
9.4  
9.5  
9.6  
9.7  
9.8  
9.9  
10.0

0000

0400

0800

1200

1600

2000

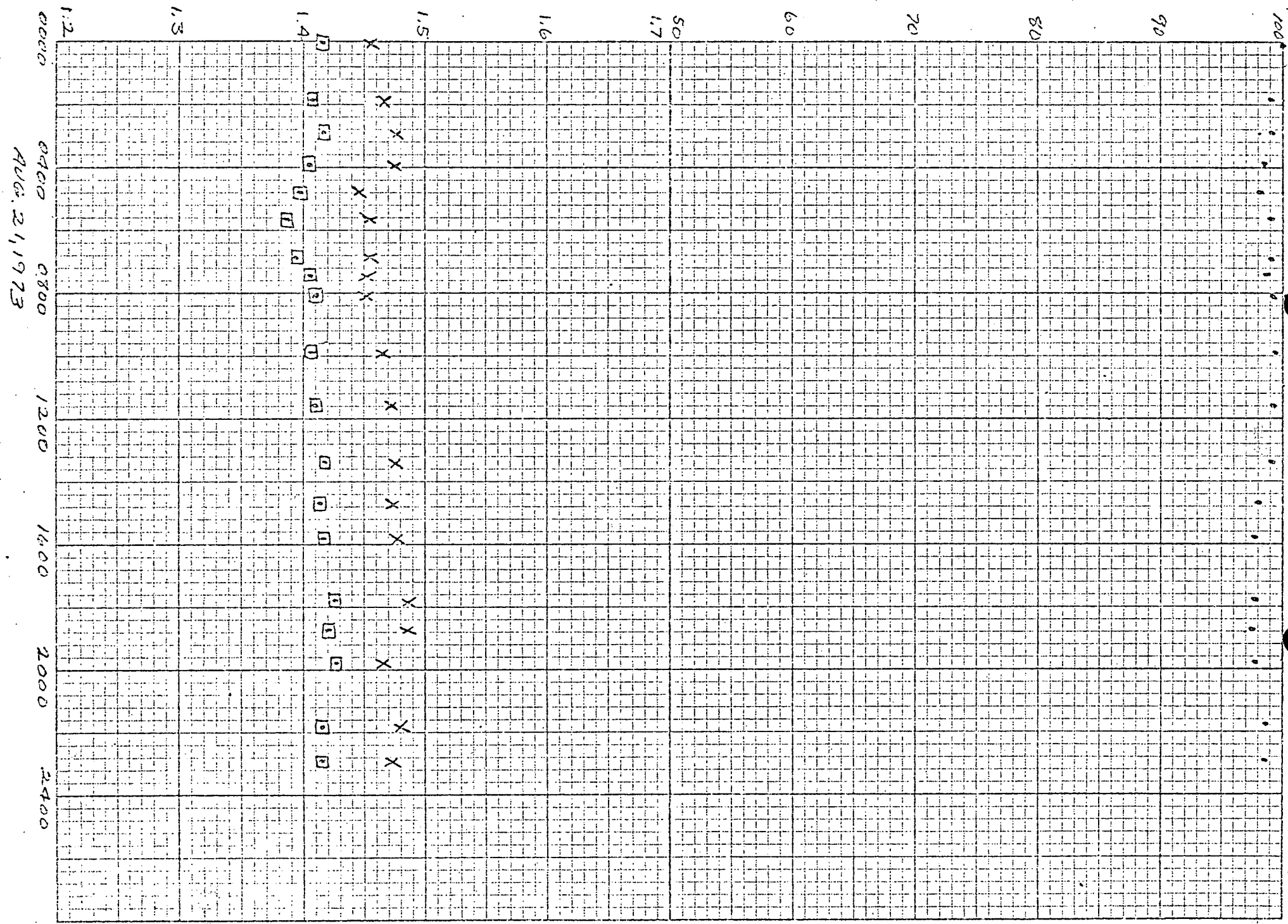
2400

AUG. 20, 1973

LEGEND - POWER  
F-13  
J-03  
X  
O

POWER (%)

F<sub>2</sub> S<sub>2</sub>



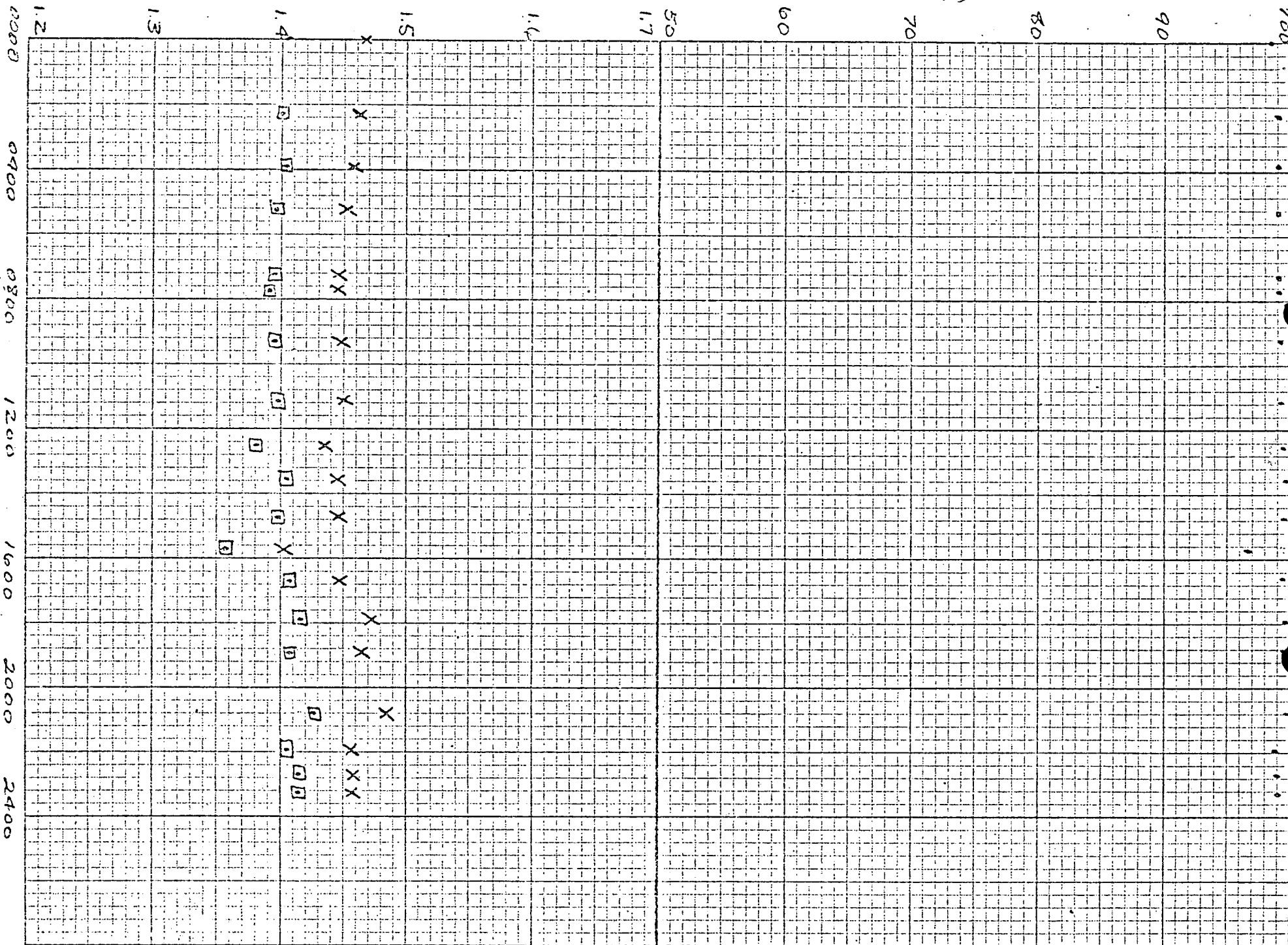
LEGEND - POWER  
 F-13 X  
 S-25 O

0000 0400 0800 1200 1600 2000 2400  
 AUG. 21, 1973



F<sub>2</sub> J<sub>2</sub>

POWER (%)



LEGEND  
POWER  
F-13  
J03

Aug. 22, 1973

AVG AXIAL CONDITIONS: HBR2 CYCLE 2 MAP 113 TAKEN 8-8-73 100 PCT POWER 1000E6PH ARO PDQ D-185

AVERAGE SOURCE PER FOOT = 0.141870E-17 AVERAGE KW/FT = 0.557545E 01 AVERAGE KW/SOURCE = 0.392998E 19

POWER LEVEL EDITED AT = 2142.80 MEGAWATTS THERMAL

POINT	KW/FT	NORMALIZED KW/FT	MAX KW/FT	POINT	KW/FT	NORMALIZED KW/FT	MAX KW/FT
1	2.960089	0.530915	0.676916	30	6.017543	1.079293	1.258455
2	2.352736	0.421982	0.536971	31	6.093283	1.092877	1.267737
3	2.777072	0.498090	0.633072	32	6.157416	1.104381	1.275558
4	3.347703	0.600437	0.761354	33	6.206899	1.113256	1.280243
5	3.707892	0.665038	0.841938	34	6.239450	1.119094	1.282481
6	3.850135	0.690552	0.872512	35	6.252696	1.121469	1.276232
7	4.333305	0.777212	0.979676	36	6.181118	1.108631	1.257187
8	4.783518	0.855271	1.075931	37	5.764368	1.033884	1.164152
9	5.031439	0.902518	1.130493	38	5.917949	1.061430	1.190924
10	5.197327	0.932181	1.166903	39	6.283763	1.127042	1.257777
11	5.330444	0.956057	1.194592	40	6.427848	1.152884	1.279701
12	5.437640	0.975283	1.214228	41	6.515068	1.168529	1.287717
13	5.506882	0.987702	1.224751	42	6.592770	1.182465	1.300710
14	5.532681	0.992330	1.227907	43	6.656954	1.193976	1.303821
15	5.502306	0.986882	1.216331	44	6.697537	1.201256	1.306365
16	5.171206	0.927496	1.140920	45	6.703696	1.202360	1.300953
17	5.204032	0.933384	1.143861	46	6.655118	1.193647	1.281976
18	5.505313	0.987421	1.204653	47	6.290649	1.128277	1.206692
19	5.645361	1.017539	1.232259	48	6.203708	1.112683	1.182781
20	5.695196	1.021478	1.240073	49	6.439075	1.154898	1.220148
21	5.743080	1.030066	1.246378	50	6.605147	1.184685	1.246286
22	5.778486	1.036416	1.248880	51	6.552587	1.175253	1.229319
23	5.808078	1.041724	1.250069	52	6.409971	1.149672	1.195089
24	5.821921	1.044207	1.249870	53	6.150140	1.103075	1.139476
25	5.810322	1.042127	1.240129	54	5.738494	1.029243	1.098062
26	5.616411	1.007347	1.194713	55	5.158552	0.925227	0.943731
27	5.396749	0.967949	1.142179	56	4.307332	0.772554	0.784142
28	5.682278	1.019160	1.199532	57	3.180004	0.570359	0.615987
29	5.925344	1.062757	1.243423				

R P N M L K J H G F E D C B A

1						1.157	1.220	1.157								1
2					1.188	1.370	1.488	1.091	1.488	1.370	1.188					2
3				1.085	1.368	1.011	1.023	1.206	1.023	1.011	1.368	1.085				3
4			1.225	1.093	0.972	1.271	1.017	1.192	1.017	1.271	0.972	1.093	1.225			4
5		1.223	1.455	1.069	1.223	1.067	1.154	1.004	1.154	1.067	1.223	1.069	1.455	1.223		5
6		1.304	1.064	1.338	1.092	1.247	1.218	1.238	1.218	1.247	1.092	1.338	1.064	1.304		6
7	1.133	1.404	1.010	1.041	1.111	1.192	1.192	0.961	1.192	1.192	1.111	1.041	1.010	1.404	1.133	7
8	1.243	1.069	1.168	1.133	0.977	1.211	0.944	1.002	0.944	1.211	0.977	1.133	1.168	1.069	1.243	8
9	1.133	1.404	1.010	1.041	1.111	1.192	1.192	0.961	1.192	1.192	1.111	1.041	1.010	1.404	1.133	9
10		1.304	1.064	1.338	1.092	1.247	1.218	1.238	1.218	1.247	1.092	1.338	1.064	1.304		10
11		1.223	1.455	1.069	1.223	1.067	1.154	1.004	1.154	1.067	1.223	1.069	1.455	1.223		11
12			1.225	1.093	0.972	1.271	1.017	1.192	1.017	1.271	0.972	1.093	1.225			12
13				1.085	1.368	1.011	1.023	1.206	1.023	1.011	1.368	1.085				13
14					1.188	1.370	1.488	1.091	1.488	1.370	1.188					14
15							1.157	1.220	1.157							15

R P N M L K J H G F E D C B A

SUMMARY OF KEY PERFORMANCE PARAMETERS

MAXIMUM PEAK KW/FT OF 10.56 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
 PEAK KW/FT IN REGION 1 OF 7.35 OCCURRED IN ASSEMBLY 79 AT LOCATION H 8  
 PEAK KW/FT IN REGION 2 OF 7.78 OCCURRED IN ASSEMBLY 7 AT LOCATION H 2  
 PEAK KW/FT IN REGION 3 OF 9.04 OCCURRED IN ASSEMBLY 46 AT LOCATION M 6  
 PEAK KW/FT IN REGION 4 OF 10.56 OCCURRED IN ASSEMBLY 6 AT LOCATION J 2

MAXIMUM AXIAL PEAKING FACTOR OF 1.30 OCCURRED IN ASSEMBLY 2 LOCATED AT H 1  
 MAXIMUM AXIAL PEAKING FACTOR IN REGION 1 OF 1.28 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
 MAXIMUM AXIAL PEAKING FACTOR IN REGION 2 OF 1.24 OCCURRED IN ASSEMBLY 151 LOCATED AT H14  
 MAXIMUM AXIAL PEAKING FACTOR IN REGION 3 OF 1.27 OCCURRED IN ASSEMBLY 83 LOCATED AT D 8  
 MAXIMUM AXIAL PEAKING FACTOR IN REGION 4 OF 1.30 OCCURRED IN ASSEMBLY 156 LOCATED AT H15

MAXIMUM RADIAL PEAKING FACTOR OF 1.30 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
 MAXIMUM RADIAL PEAKING FACTOR IN REGION 1 OF 0.92 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
 MAXIMUM RADIAL PEAKING FACTOR IN REGION 2 OF 1.02 OCCURRED IN ASSEMBLY 111 LOCATED AT E10  
 MAXIMUM RADIAL PEAKING FACTOR IN REGION 3 OF 1.20 OCCURRED IN ASSEMBLY 112 LOCATED AT D10  
 MAXIMUM RADIAL PEAKING FACTOR IN REGION 4 OF 1.30 OCCURRED IN ASSEMBLY 152 LOCATED AT G14

AVERAGE AXIAL OFFSET (PERCENT) -10.19

MAXIMUM GROSS PEAKING (FBN) FACTOR OF 1.84 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
 MAXIMUM GROSS PEAKING FACTOR IN REGION 1 OF 1.28 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
 MAXIMUM GROSS PEAKING FACTOR IN REGION 2 OF 1.36 OCCURRED IN ASSEMBLY 151 LOCATED AT H14  
 MAXIMUM GROSS PEAKING FACTOR IN REGION 3 OF 1.57 OCCURRED IN ASSEMBLY 112 LOCATED AT D10  
 MAXIMUM GROSS PEAKING FACTOR IN REGION 4 OF 1.84 OCCURRED IN ASSEMBLY 152 LOCATED AT G14

CENTER ASSEMBLY AVERAGE POWER FRACTION 0.913  
 REGION 2 AVERAGE POWER FRACTION 0.940  
 REGION 3 AVERAGE POWER FRACTION 1.086  
 REGION 4 AVERAGE POWER FRACTION 0.942

AVG AXIAL CONDITIONS

HBR2 CYCLE 2 MAP 114 TAKEN 8-16-73 100 PCT POWER 10000EPPH ARD PDQ D-183

AVERAGE SOURCE PER FOOT = 0.142194E-17 AVERAGE KW/FT = 0.557545E 01 AVERAGE KW/SOURCE = 0.392100E 19

POWER LEVEL EDITED AT = 2142.80 MEGAWATTS THERMAL

POINT	KW/FT	NORMALIZED KW/FT	MAX KW/FT	POINT	KW/FT	NORMALIZED KW/FT	MAX KW/FT
1	3.120837	0.559747	0.713677	30	6.071215	1.088920	1.269679
2	2.465723	0.442247	0.552759	31	6.132005	1.099823	1.275794
3	2.863884	0.513663	0.652862	32	6.179482	1.108338	1.280130
4	3.443214	0.618644	0.784440	33	6.215348	1.114771	1.281985
5	3.869534	0.694031	0.878643	34	6.229492	1.117308	1.280434
6	3.994571	0.714664	0.902976	35	6.222000	1.115964	1.269966
7	4.474167	0.802477	1.011521	36	6.141604	1.101544	1.249150
8	4.837568	0.885591	1.114073	37	5.796084	1.039573	1.170558
9	5.213841	0.935143	1.171360	38	5.777581	1.038254	1.162676
10	5.393151	0.967842	1.211544	39	6.116372	1.097019	1.224272
11	5.527354	0.991376	1.238723	40	6.273087	1.125127	1.248890
12	5.589905	0.993445	1.238839	41	6.341810	1.137453	1.253472
13	5.695202	1.021479	1.266633	42	6.400384	1.147959	1.262753
14	5.735276	1.028666	1.272870	43	6.440134	1.155088	1.261355
15	5.723609	1.026574	1.265251	44	6.469729	1.160397	1.262510
16	5.499868	0.979270	1.204501	45	6.467706	1.160033	1.255156
17	5.323467	0.954877	1.170200	46	6.415728	1.150711	1.235863
18	5.661484	1.015429	1.238822	47	6.139844	1.101229	1.177764
19	5.834092	1.046390	1.273453	48	5.868254	1.052517	1.118825
20	5.899674	1.056358	1.282418	49	6.152192	1.103443	1.165787
21	5.913351	1.065089	1.288756	50	6.309426	1.131644	1.190488
22	5.962601	1.069439	1.288673	51	6.265670	1.123796	1.175490
23	5.981553	1.072838	1.287405	52	6.125605	1.098675	1.142071
24	5.985935	1.073324	1.284053	53	5.866870	1.052269	1.086993
25	5.969016	1.059372	1.273147	54	5.466361	0.980524	1.007978
26	5.793779	1.039160	1.232443	55	4.896758	0.878272	0.895837
27	5.472403	0.981518	1.158191	56	4.076743	0.731196	0.742163
28	5.739389	1.029404	1.210578	57	3.067729	0.550221	0.594239
29	5.587901	1.073977	1.256551				

## PEAK ROD ENTHALPY RISE

HBR2 CYCLE 2 MAP 114 TAKEN 8-16-73 100 PCT POWER 1000EPPH ARO PDQ D-183

	R	P	N	M	L	K	J	H	G	F	E	D	C	B	A	
1							1.166	1.266	1.166							1
2					1.201	1.371	1.477	1.094	1.477	1.371	1.201					2
3				1.148	1.401	1.009	1.008	1.191	1.008	1.009	1.401	1.148				3
4			1.233	1.102	0.989	1.270	1.014	1.165	1.014	1.270	0.989	1.102	1.233			4
5		1.216	1.453	1.062	1.217	1.063	1.149	0.983	1.149	1.063	1.217	1.062	1.453	1.216		5
6		1.316	1.062	1.319	1.072	1.239	1.214	1.221	1.214	1.239	1.072	1.319	1.062	1.316		6
7	1.138	1.428	1.025	1.039	1.070	1.185	1.189	0.953	1.189	1.185	1.070	1.039	1.025	1.428	1.138	7
8	1.237	1.054	1.248	1.147	0.959	1.197	0.938	0.987	0.938	1.197	0.959	1.147	1.248	1.054	1.237	8
9	1.138	1.428	1.025	1.039	1.070	1.185	1.189	0.953	1.189	1.185	1.070	1.039	1.025	1.428	1.138	9
10		1.316	1.062	1.319	1.072	1.239	1.214	1.221	1.214	1.239	1.072	1.319	1.062	1.316		10
11		1.216	1.453	1.062	1.217	1.063	1.149	0.983	1.149	1.063	1.217	1.062	1.453	1.216		11
12			1.233	1.102	0.989	1.270	1.014	1.165	1.014	1.270	0.989	1.102	1.233			12
13				1.148	1.401	1.009	1.008	1.191	1.008	1.009	1.401	1.148				13
14					1.201	1.371	1.477	1.094	1.477	1.371	1.201					14
15							1.166	1.266	1.166							15
	R	P	N	M	L	K	J	H	G	F	E	D	C	B	A	

HBR2 CYCLE 2 MAP 114 TAKEN 8-16-73 100 PCT POWER 10000EPPH ARD PDQ D-183

SUMMARY OF KEY PERFORMANCE PARAMETERS

MAXIMUM PEAK KW/FT OF 10.15 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
PEAK KW/FT IN REGION 1 OF 7.01 OCCURRED IN ASSEMBLY 79 AT LOCATION H 8  
PEAK KW/FT IN REGION 2 OF 7.55 OCCURRED IN ASSEMBLY 7 AT LOCATION H 2  
PEAK KW/FT IN REGION 3 OF 8.57 OCCURRED IN ASSEMBLY 74 AT LOCATION N 8  
PEAK KW/FT IN REGION 4 OF 10.15 OCCURRED IN ASSEMBLY 6 AT LOCATION J 2

MAXIMUM AXIAL PEAKING FACTOR OF 1.25 OCCURRED IN ASSEMBLY 2 LOCATED AT H 1  
MAXIMUM AXIAL PEAKING FACTOR IN REGION 1 OF 1.24 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
MAXIMUM AXIAL PEAKING FACTOR IN REGION 2 OF 1.20 OCCURRED IN ASSEMBLY 151 LOCATED AT H14  
MAXIMUM AXIAL PEAKING FACTOR IN REGION 3 OF 1.24 OCCURRED IN ASSEMBLY 83 LOCATED AT D 8  
MAXIMUM AXIAL PEAKING FACTOR IN REGION 4 OF 1.25 OCCURRED IN ASSEMBLY 156 LOCATED AT H15

MAXIMUM RADIAL PEAKING FACTOR OF 1.29 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
MAXIMUM RADIAL PEAKING FACTOR IN REGION 1 OF 0.91 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
MAXIMUM RADIAL PEAKING FACTOR IN REGION 2 OF 1.00 OCCURRED IN ASSEMBLY 111 LOCATED AT E10  
MAXIMUM RADIAL PEAKING FACTOR IN REGION 3 OF 1.16 OCCURRED IN ASSEMBLY 112 LOCATED AT D10  
MAXIMUM RADIAL PEAKING FACTOR IN REGION 4 OF 1.29 OCCURRED IN ASSEMBLY 152 LOCATED AT G14

AVERAGE AXIAL OFFSET (PERCENT) -7.36

MAXIMUM GROSS PEAKING (FOM) FACTOR OF 1.77 OCCURRED IN ASSEMBLY 6 LOCATED AT J 2  
MAXIMUM GROSS PEAKING FACTOR IN REGION 1 OF 1.22 OCCURRED IN ASSEMBLY 79 LOCATED AT H 8  
MAXIMUM GROSS PEAKING FACTOR IN REGION 2 OF 1.32 OCCURRED IN ASSEMBLY 151 LOCATED AT H14  
MAXIMUM GROSS PEAKING FACTOR IN REGION 3 OF 1.49 OCCURRED IN ASSEMBLY 84 LOCATED AT C 8  
MAXIMUM GROSS PEAKING FACTOR IN REGION 4 OF 1.77 OCCURRED IN ASSEMBLY 152 LOCATED AT G14

CENTER ASSEMBLY AVERAGE POWER FRACTION	0.900
REGION 2 AVERAGE POWER FRACTION	0.937
REGION 3 AVERAGE POWER FRACTION	1.081
REGION 4 AVERAGE POWER FRACTION	0.951

END OF INCORE RUN IEM VERSION 1 06-01-73