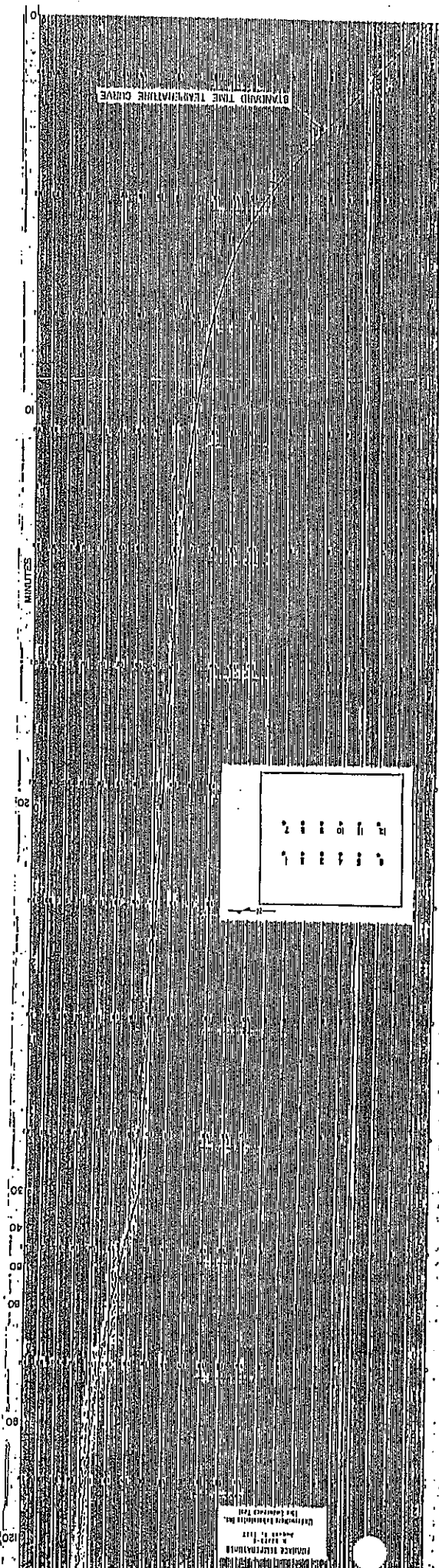


PLI  
APP. A

STANDARD TIME TEMPERATURE CURVE



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

PRODUCT RESEARCH  
 M. 1000-1  
 MADE IN U.S.A.  
 THE GENERAL ELECTRIC COMPANY  
 PITTSBURGH, PA.

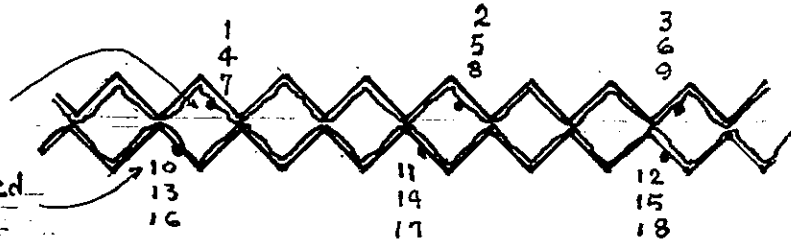
# APPENDIX A

## ILL 2

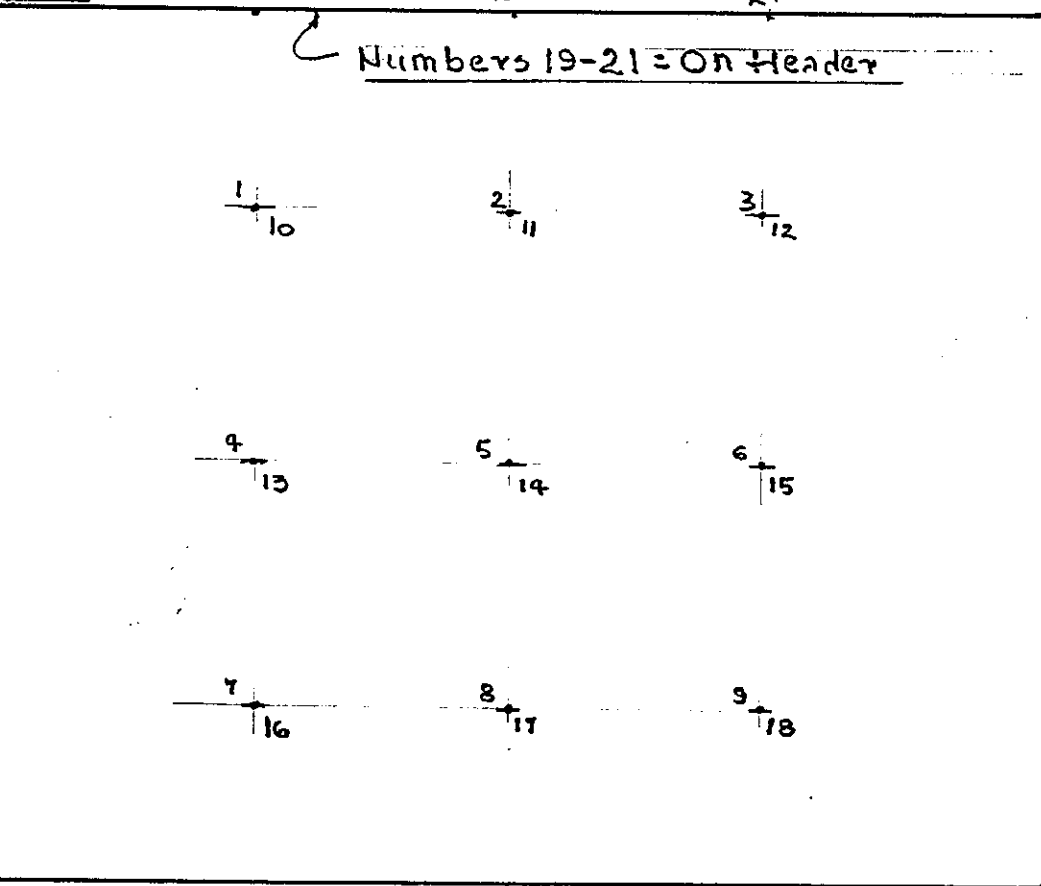
FIRE SIDE

Numbers 1-9 = Interior,  
on Ceramic Blanket

Numbers 10-18 = Unexposed  
Surface



Numbers 22-23 = On Motor



## THERMOCOUPLE LOCATIONS

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

## INTERIOR WALL

CHAN(NDS.) TIME MIN.	1	2	3	4	5
0: 0	72.8	73.0	72.9	72.9	72.6
5: 0	293.5	193.9	181.4	172.5	148.7
10: 0	554.5	536.1	526.2	515.0	486.8
15: 0	701.4	712.9	672.9	665.2	650.1
20: 0	798.1	808.8	779.8	762.9	751.2
25: 0	869.3	885.3	863.2	836.3	828.4
30: 0	926.7	947.0	931.8	899.1	897.6
35: 0	968.3	998.7	981.8	945.2	951.8
40: 0	995.6	1020.5	1007.6	965.8	970.5
45: 0	1030.0	1047.2	1039.2	995.0	996.6
50: 0	1075.4	1092.0	1085.6	1040.4	1041.8
55: 0	1102.8	1122.7	1115.0	1063.9	1070.6
60: 0	1117.2	1134.2	1126.0	1072.4	1080.1
65: 0	1131.9	1145.2	1137.1	1083.1	1089.9
70: 0	1148.1	1158.0	1150.5	1093.7	1102.2
75: 0	1185.9	1202.5	1197.7	1136.0	1149.5
80: 0	1213.5	1233.8	1226.4	1163.8	1180.4
85: 0	1235.2	1254.9	1248.4	1184.4	1201.0
90: 0	1255.2	1273.6	1267.6	1202.0	1219.7
95: 0	1270.0	1288.7	1282.8	1212.6	1233.7
100: 0	1279.5	1297.9	1293.7	1219.9	1241.9
105: 0	1287.7	1301.2	1305.9	1230.2	1249.7
110: 0	1294.6	1305.7	1312.4	1236.2	1254.9
115: 0	1299.5	1306.2	1311.2	1240.2	1255.4
120: 0	1308.5	1314.7	1317.8	1247.8	1263.8
125: 0	1317.1	1323.5	1326.2	1255.7	1271.4
130: 0	1329.4	1334.4	1334.4	1265.6	1279.8

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

## INTERIOR WALL

CHAN(NOS.) TIME MIN.	6	7	8	9
0: 0	72.7	73.7	72.2	72.1
5: 0	157.3	232.2	105.2	180.6
10: 0	506.1	498.0	247.2	416.3
15: 0	638.3	599.1	330.8	514.2
20: 0	741.9	690.4	422.4	591.0
25: 0	814.6	750.0	490.4	655.2
30: 0	888.0	804.2	557.7	718.1
35: 0	940.8	843.2	623.7	772.5
40: 0	961.1	873.4	649.2	795.3
45: 0	989.6	905.6	676.7	822.5
50: 0	1036.3	946.8	723.4	865.2
55: 0	1064.6	964.5	760.7	894.6
60: 0	1073.0	976.9	774.0	904.8
65: 0	1082.7	987.8	784.0	915.1
70: 0	1095.3	1000.2	797.2	927.8
75: 0	1145.0	1030.7	840.4	972.5
80: 0	1171.7	1054.4	874.8	1002.9
85: 0	1193.4	1072.3	894.8	1027.1
90: 0	1211.3	1092.3	918.3	1046.9
95: 0	1224.2	1103.3	936.1	1061.4
100: 0	1233.3	1114.6	945.7	1072.2
105: 0	1247.6	1133.6	965.0	1090.3
110: 0	1250.2	1143.5	973.1	1096.5
115: 0	1245.7	1151.8	974.4	1092.3
120: 0	1252.2	1161.7	982.5	1099.1
125: 0	1260.1	1171.6	991.6	1108.2
130: 0	1268.2	1190.6	998.8	1116.4

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

MAXIMUM INDIVIDUAL

TIME MIN.	TEMPERATURE	CHAN.	AVG.
0: 0	73.7	7	72.8
5: 0	293.5	1	185.0
10: 0	554.5	1	476.2
15: 0	712.9	2	609.4
20: 0	808.8	2	705.2
25: 0	885.3	2	777.0
30: 0	947.0	2	841.1
35: 0	998.7	2	891.8
40: 0	1020.5	2	915.4
45: 0	1047.2	2	944.7
50: 0	1092.0	2	989.7
55: 0	1122.7	2	1017.7
60: 0	1134.2	2	1028.7
65: 0	1145.2	2	1039.6
70: 0	1158.0	2	1052.6
75: 0	1202.5	2	1095.6
80: 0	1233.8	2	1124.6
85: 0	1254.9	2	1145.7
90: 0	1273.6	2	1165.2
95: 0	1288.7	2	1179.2
100: 0	1297.9	2	1188.7
105: 0	1305.9	3	1201.2
110: 0	1312.4	3	1207.5
115: 0	1311.2	3	1208.5
120: 0	1317.8	3	1216.5
125: 0	1326.2	3	1225.0
130: 0	1334.4	2	1235.3
MAXIMUM & AVERAGE OF CHANNEL(S)-		1 2 3 4 5 6 7 8 9	

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

## UNEXPOSED SURFACE TEMPERATURES

CHAN(NOS.) TIME MIN.	10	24	12	13
0: 0	75.2	79.1	75.8	75.1
5: 0	75.6	** 0.0	76.2	75.4
10: 0	79.5	0.0	82.7	78.0
15: 0	99.4	0.0	111.7	94.2
20: 0	130.9	0.0	151.7	121.5
25: 0	163.1	0.0	189.9	149.7
30: 0	191.2	0.0	223.4	175.2
35: 0	214.2	0.0	250.2	191.4
40: 0	231.4	0.0	268.9	207.8
45: 0	242.9	0.0	281.9	217.4
50: 0	255.4	0.0	295.6	223.3
55: 0	268.2	306.4	309.3	232.1
60: 0	279.1	315.0	319.5	239.6
65: 0	284.7	322.6	325.7	246.8
70: 0	290.3	327.8	330.8	247.4
75: 0	297.3	335.7	339.6	256.0
80: 0	306.2	348.4	351.8	263.2
85: 0	315.9	358.4	363.0	266.3
90: 0	323.2	368.5	372.2	274.1
95: 0	328.4	377.8	379.1	281.7
100: 0	334.1	382.8	383.9	281.0
105: 0	338.8	387.4	388.5	282.4
110: 0	341.5	390.2	392.9	286.5
115: 0	344.2	390.3	392.3	288.9
120: 0	345.8	390.8	394.9	294.1
125: 0	346.1	394.1	397.4	294.5
130: 0	350.7	398.0	401.0	294.7

\*\* - T.C. #24 REPLACES T.C. #11 AT 55 MIN. DUE TO MALFUNCTION

WON DOOR  
WALL FIRE TEST  
86NK25600/R12272  
8/6/87

UNEXPOSED SURFACE TEMPERATURES

CHAN(NOS.) TIME MIN.	14	15	25	17	18
0: 0	75.2	75.2	79.2	74.6	74.6
5: 0	75.5	75.5	** 0.0	74.9	74.9
10: 0	78.0	78.5	0.0	76.3	75.9
15: 0	92.4	94.3	0.0	83.3	80.0
20: 0	120.3	119.0	0.0	94.3	87.0
25: 0	152.5	146.4	0.0	106.4	95.3
30: 0	181.8	171.6	0.0	118.6	104.5
35: 0	206.3	193.2	0.0	129.8	114.3
40: 0	224.2	212.4	0.0	141.2	124.4
45: 0	235.3	222.2	0.0	148.8	132.0
50: 0	246.5	220.4	0.0	155.1	138.9
55: 0	257.1	227.7	0.0	163.5	146.8
60: 0	264.5	224.0	191.6	171.1	154.1
65: 0	269.9	260.6	197.6	176.0	158.9
70: 0	273.8	264.0	203.1	178.4	163.1
75: 0	279.0	270.7	208.7	183.6	167.7
80: 0	288.8	282.0	216.4	191.1	175.5
85: 0	297.7	289.4	223.6	197.7	183.0
90: 0	306.4	295.6	230.8	203.8	189.7
95: 0	311.1	302.8	239.1	209.8	196.9
100: 0	315.3	308.4	242.5	213.0	201.9
105: 0	319.0	312.6	249.2	216.8	206.8
110: 0	323.2	315.0	254.3	221.6	212.2
115: 0	323.4	316.8	257.6	223.5	213.3
120: 0	323.8	317.8	261.8	224.9	214.9
125: 0	325.2	318.3	263.8	227.2	216.7
130: 0	329.1	320.8	267.4	229.9	219.4

\*\* - T.C. #25 REPLACES T.C. #16 AT 55 MIN. DUE TO MALFUNCTION

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

MAXIMUM INDIVIDUAL

TIME MIN.	TEMPERATURE	CHAN.	AUG.
0: 0	79.2	25	76.0
5: 0	76.2	12	75.4
10: 0	82.7	12	78.4
15: 0	111.7	12	93.6
20: 0	151.7	12	117.8
25: 0	189.9	12	143.3
30: 0	223.4	12	166.6
35: 0	250.2	12	185.6
40: 0	268.9	12	201.5
45: 0	281.9	12	211.5
50: 0	295.6	12	219.3
55: 0	309.3	12	238.9
60: 0	319.5	12	239.8
65: 0	325.7	12	249.2
70: 0	330.8	12	253.2
75: 0	339.6	12	259.8
80: 0	351.8	12	269.3
85: 0	363.0	12	277.2
90: 0	372.2	12	284.9
95: 0	379.1	12	291.9
100: 0	383.9	12	295.9
105: 0	388.5	12	300.2
110: 0	392.9	12	304.2
115: 0	392.3	12	305.6
120: 0	394.9	12	307.6
125: 0	397.4	12	309.3
130: 0	401.0	12	312.3
MAXIMUM & AVERAGE OF CHANNEL(S)-	10 24	12 13 14 15 25	17 18

WON DOOR  
 WALL FIRE TEST  
 86NK25600/R12272  
 8/6/87

## HEADER TEMPERATURES

CHAN(NOS.) TIME MIN.	26	20	21
0: 0	79.2	76.2	76.3
5: 0	** 0.0	76.4	76.5
10: 0	0.0	77.7	77.6
15: 0	0.0	85.1	83.0
20: 0	0.0	103.7	94.2
25: 0	0.0	128.4	110.1
30: 0	0.0	152.2	128.2
35: 0	0.0	175.8	147.2
40: 0	0.0	193.3	166.4
45: 0	0.0	211.3	185.9
50: 0	0.0	235.8	205.4
55: 0	0.0	249.2	224.1
60: 0	0.0	251.8	224.7
65: 0	260.3	326.8	294.6
70: 0	267.5	347.1	309.2
75: 0	282.5	361.6	321.7
80: 0	294.5	372.1	337.2
85: 0	302.6	389.1	350.1
90: 0	313.4	408.2	366.7
95: 0	325.0	412.3	379.7
100: 0	337.0	421.9	392.6
105: 0	350.4	430.5	403.8
110: 0	357.7	438.4	413.1
115: 0	356.6	439.0	415.8
120: 0	358.2	<del>444.1</del>	421.7
125: 0	361.0	445.2	427.2
130: 0	365.1	446.7	429.3

\*\* - T.C. #26 REPLACES T.C. #19 AT 65 MIN. DUE TO MALFUNCTION

WON DOOR  
WALL FIRE TEST  
86NK25600/R12272  
8/6/87

TIME MIN.		MAXIMUM INDIVIDUAL TEMPERATURE - CHAN.		AVG.
0:	0	79.2	26	77.2
5:	0	76.5	21	76.5
10:	0	77.7	20	77.6
15:	0	85.1	20	84.0
20:	0	103.7	20	98.9
25:	0	128.4	20	119.2
30:	0	152.2	20	140.2
35:	0	175.8	20	161.5
40:	0	193.3	20	179.8
45:	0	211.3	20	198.6
50:	0	235.8	20	220.6
55:	0	249.2	20	236.7
60:	0	251.8	20	238.3
65:	0	326.8	20	293.9
70:	0	347.1	20	307.9
75:	0	361.6	20	321.9
80:	0	372.1	20	334.6
85:	0	389.1	20	347.3
90:	0	408.2	20	362.8
95:	0	412.3	20	372.3
100:	0	421.9	20	383.8
105:	0	430.5	20	394.9
110:	0	438.4	20	403.1
115:	0	439.0	20	403.8
120:	0	444.1	20	408.0
125:	0	445.2	20	411.1
130:	0	446.7	20	413.7
MAXIMUM & AVERAGE OF CHANNEL(S)-		26	20	21

WON DOOR  
WALL FIRE TEST  
86NK25600/R12272  
8/6/87

## MOTOR TEMPERATURES

CHAN(NOS.) TIME MIN.	22	23	AVG.
0: 0	98.8	81.1	90.0
5: 0	100.4	83.3	91.9
10: 0	101.6	84.1	92.8
15: 0	103.4	86.9	95.2
20: 0	105.6	91.7	98.7
25: 0	109.5	98.5	104.0
30: 0	116.2	109.6	112.9
35: 0	125.6	121.9	123.8
40: 0	182.7	135.4	159.1
45: 0	232.3	142.7	187.5
50: 0	248.2	154.2	201.2
55: 0	265.9	160.8	213.4
60: 0	268.1	138.2	203.2
65: 0	172.7	188.4	180.6
70: 0	178.0	205.0	191.5
75: 0	182.5	218.9	200.7
80: 0	186.8	229.1	208.0
85: 0	189.4	237.5	213.4
90: 0	192.6	244.6	218.6
95: 0	194.4	252.1	223.3
100: 0	197.3	259.5	228.4
105: 0	204.7	270.3	237.5
110: 0	217.7	284.1	250.9
115: 0	223.5	289.1	256.3
120: 0	233.0	296.0	264.5
125: 0	243.2	303.7	273.5
130: 0	261.2	310.2	285.7