

TO: S. S. MICHELS

FROM: C. H. HORRELL

DATE: March 30, 1977

VCM MONITORING SUMMARY - MONTH OF FEBRUARY

Total number of VCM samples -----	562
Number of required personnel samples -----	484
Dual tubes to check flasher tube for breakthrough -----	25
Percent exceeding the 20% criteria -----	8
Percent to some degree less than 20% -----	16
Percent showing no breakthrough at all -----	76

Gas chromatograph check using a standard gas

Allowable limit $\pm$ 1 PPM using a standard gas of approx. 5 PPM

	<u>Buildings</u>	<u>1</u>	<u>111</u>	<u>121</u>	<u>LPA</u>	<u>Tank Farm (THA)</u>
Number of tests		28	28	27	9	14
Number within limit		27	22	24	4	12
Number exceeding the limit		1	6	3	5	2

Gas chromatograph operating time:

	<u>Buildings</u>	<u>1</u>	<u>111</u>	<u>121</u>	<u>LPA</u>	<u>Tank Farm (THA)</u>
Percent of time in operation		99.7%	96.7	98.0	83.7	100.0
Percent down due to malfunction		0	3.0	1.8	) 16.3	0
Percent down due to calibration		0.3	0.3	0.2		

	<u>Buildings</u>	<u>1</u>	<u>111</u>	<u>121</u>	<u>LPA</u>	<u>Tank Farm</u>
Number of leaks detected & tagged		38	55	92	9	2
Number repaired & tag returned		34	50	94	5	0
Number outstanding at end of month		4	5	--	4	2

Status of specific	Building 1	Completed	127	60% Completed
point leak testing	111	80% Completed	LPA	None
	115	40% Completed	Tank	
	121	60% Completed	Farm	None

Three highest Personnel Monitoring job classification by buildings:

Building 1 Job Class	1. HRC Helper	No. of Samples	16	Avg. VCM	3.80
	2. HRC/HPC Operator		7		3.29
	3. Recovery/Dryer Oper.		12		1.16

Building 111 Job Class.

1. Day Helper	No. of Samples	3	Avg. VCM	2.33
2. Utility Operator		5		1.83
3. Recovery (Trans.) Oper.		4		1.93

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VCL MONITORING SUMMARY - MONTH
OF FEBRUARY

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Building 121 Job Class	1. Day Helper	No. of Samples	2	Avg. VCM	4.70
	2. HRC Paste/Latex Oper.		5		3.69
	3. Paste Chg. Operator		5		3.66

LPA Job Class	1. Pipefitter	No. of Samples	10	Avg. VCM	5.37
	2. Day Foreman (Tech.)		2		1.81
	3. Field Operator		1		1.45

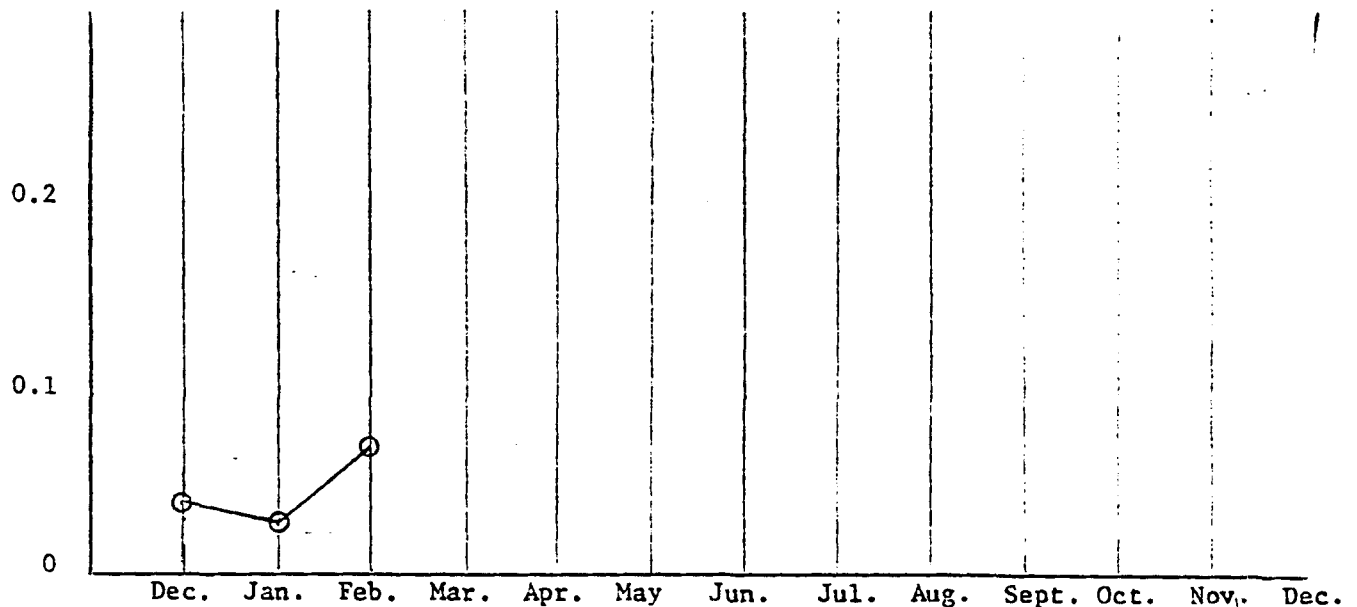
Off-Site ambient air sample results:

<u>Sample Location</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Average</u>	<u>No. Samples</u>
1. In front of Building 101	.00	.37	.105	6
2. Resident 2103 So. 40th St.	.*	.*	.*	--
3. Church 3705 Bells Lane	.00	.69**	.08	7
4. Resident 3613 Camp Ground Road	.00	.02	.003	7
5. Wood Products Plant 1017 S. 40th St.	.00	.09	.023	9
	Overall Average		.070	29

*Timer control failed

**Could not find cause for this result

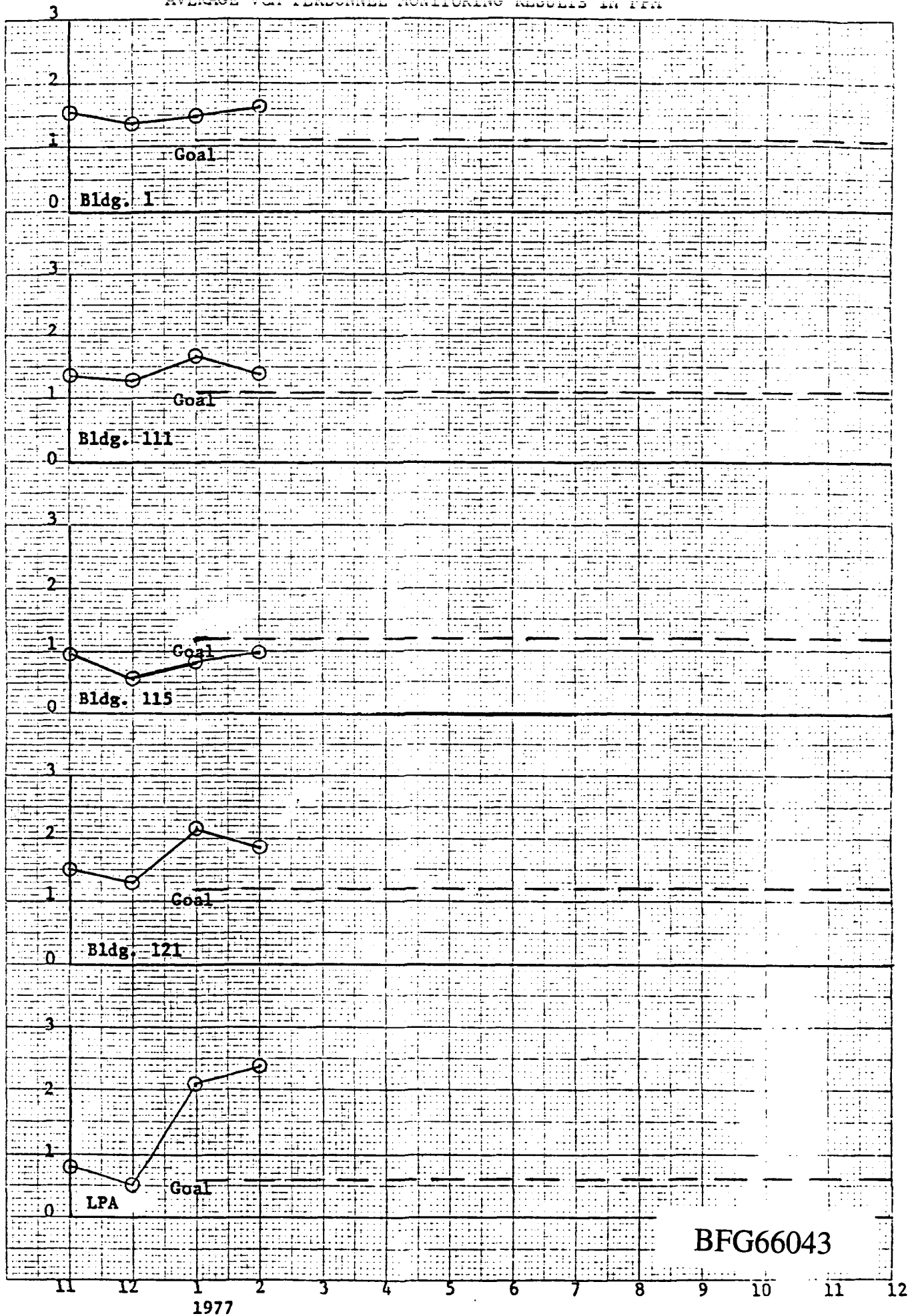
OVERALL AVERAGE OF OFF-SITE AMBIENT AIR SAMPLE RESULTS



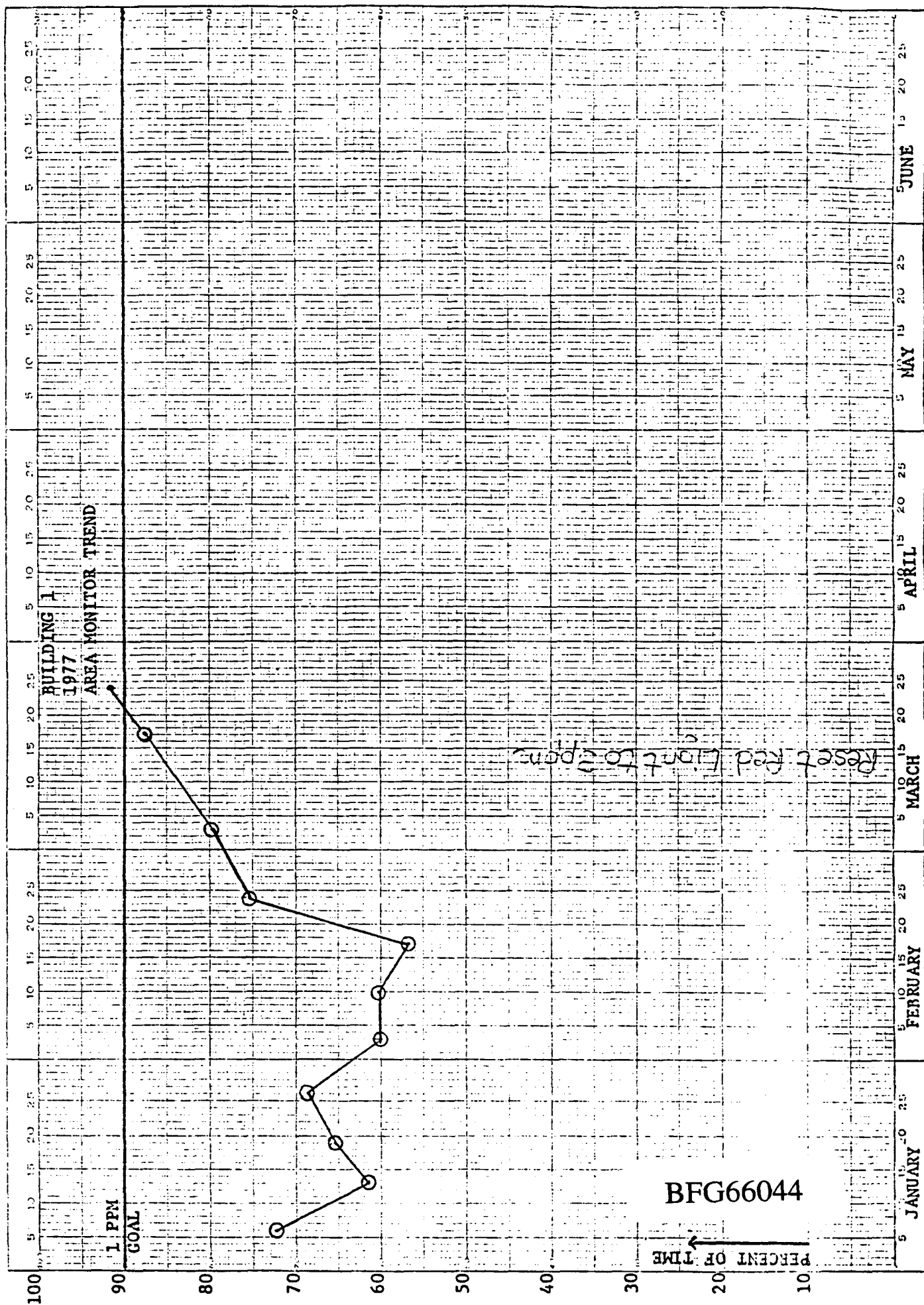
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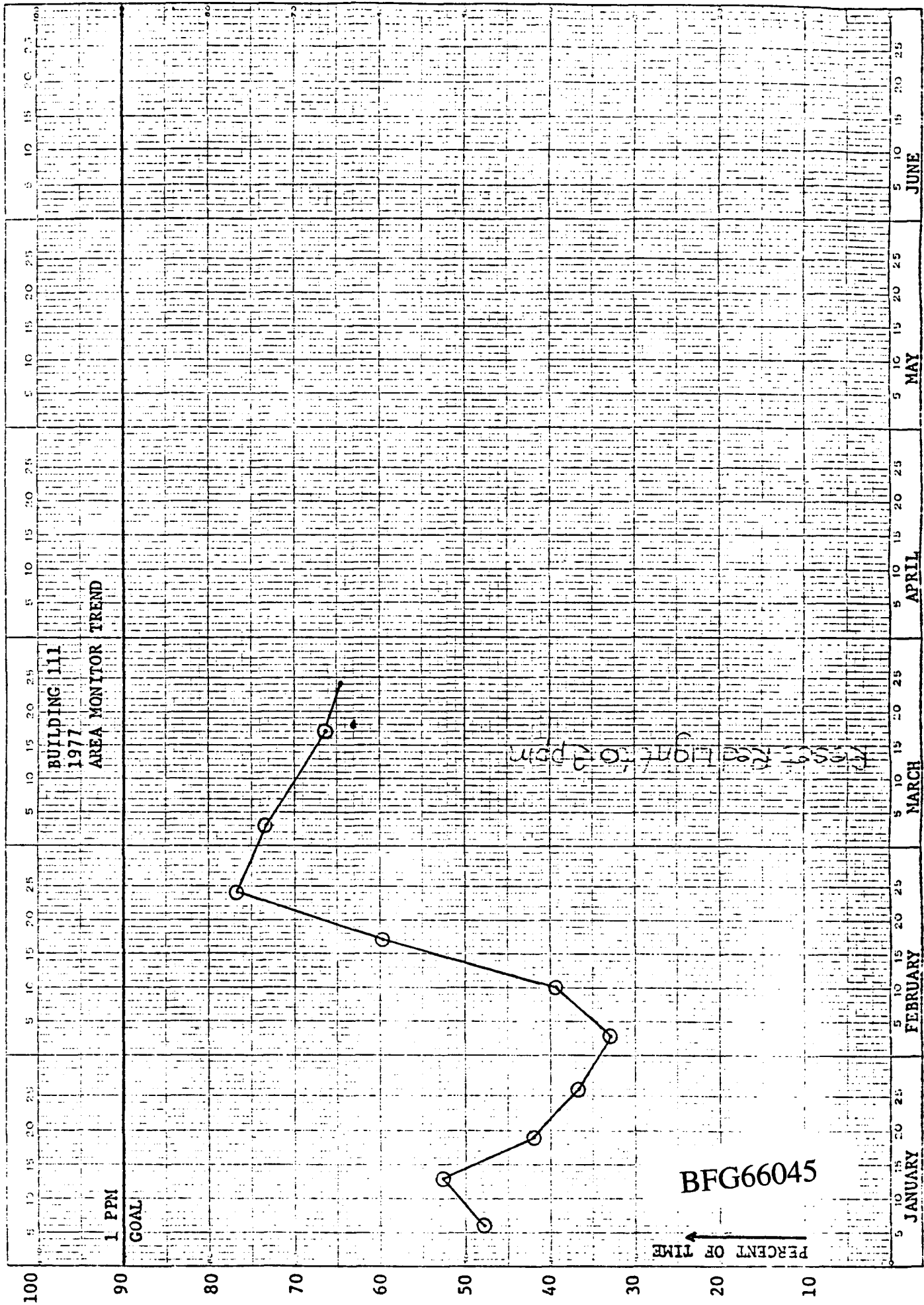
DIETZGEN CORPORATION
MADE IN U.S.A.

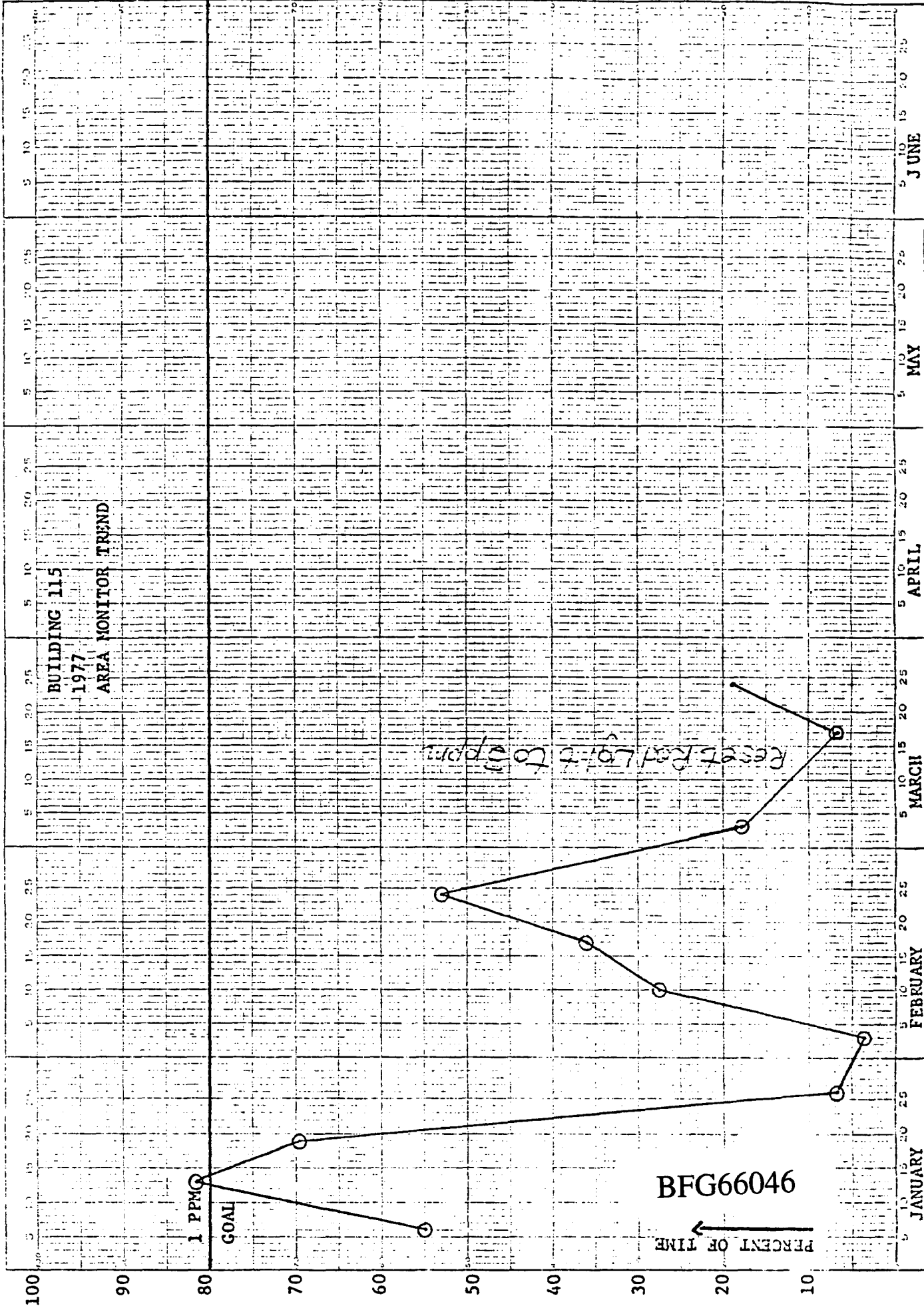
NO. 341-20 DIETZGEN GRAPH PAPER
20 X 20 PER INCH

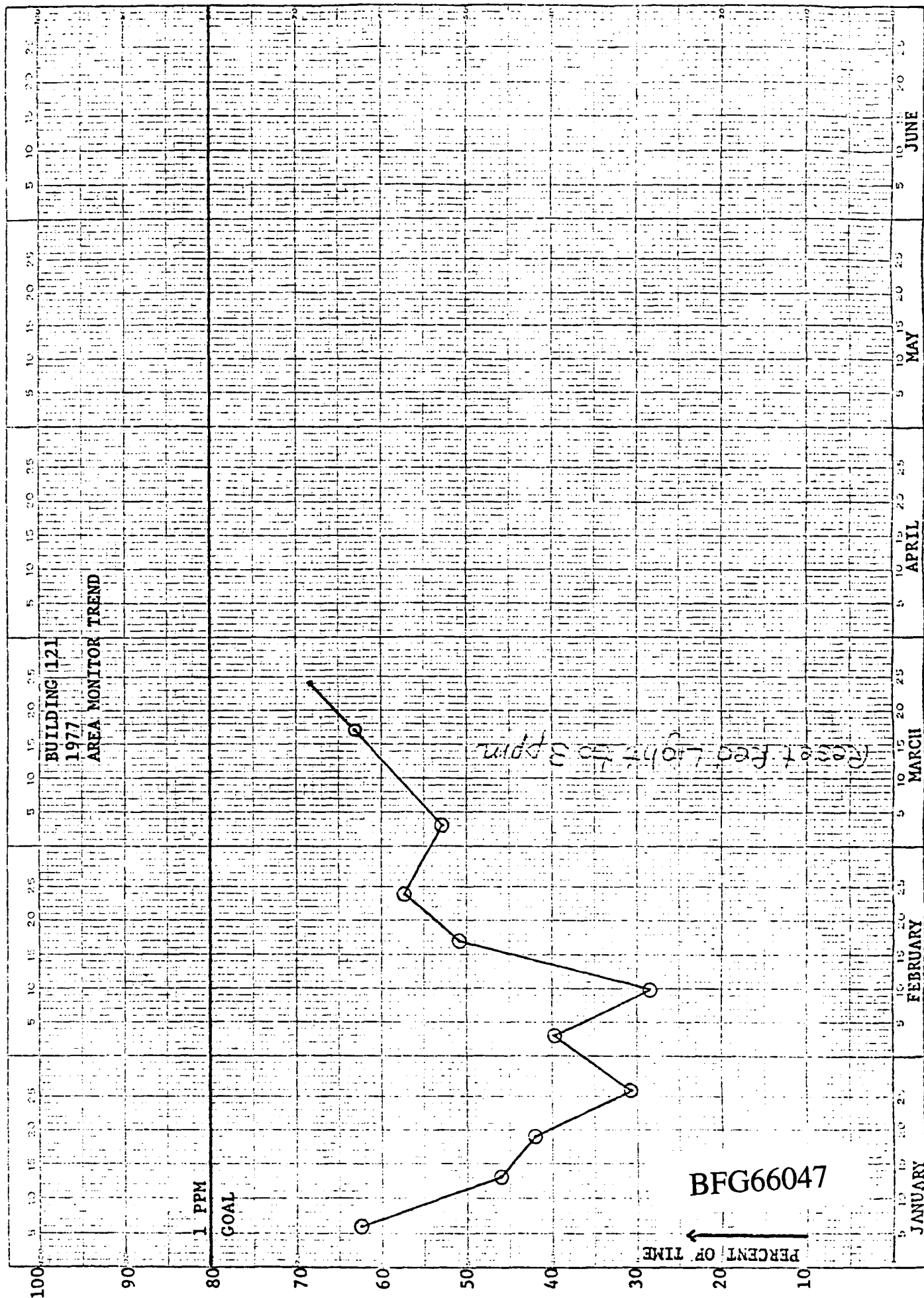


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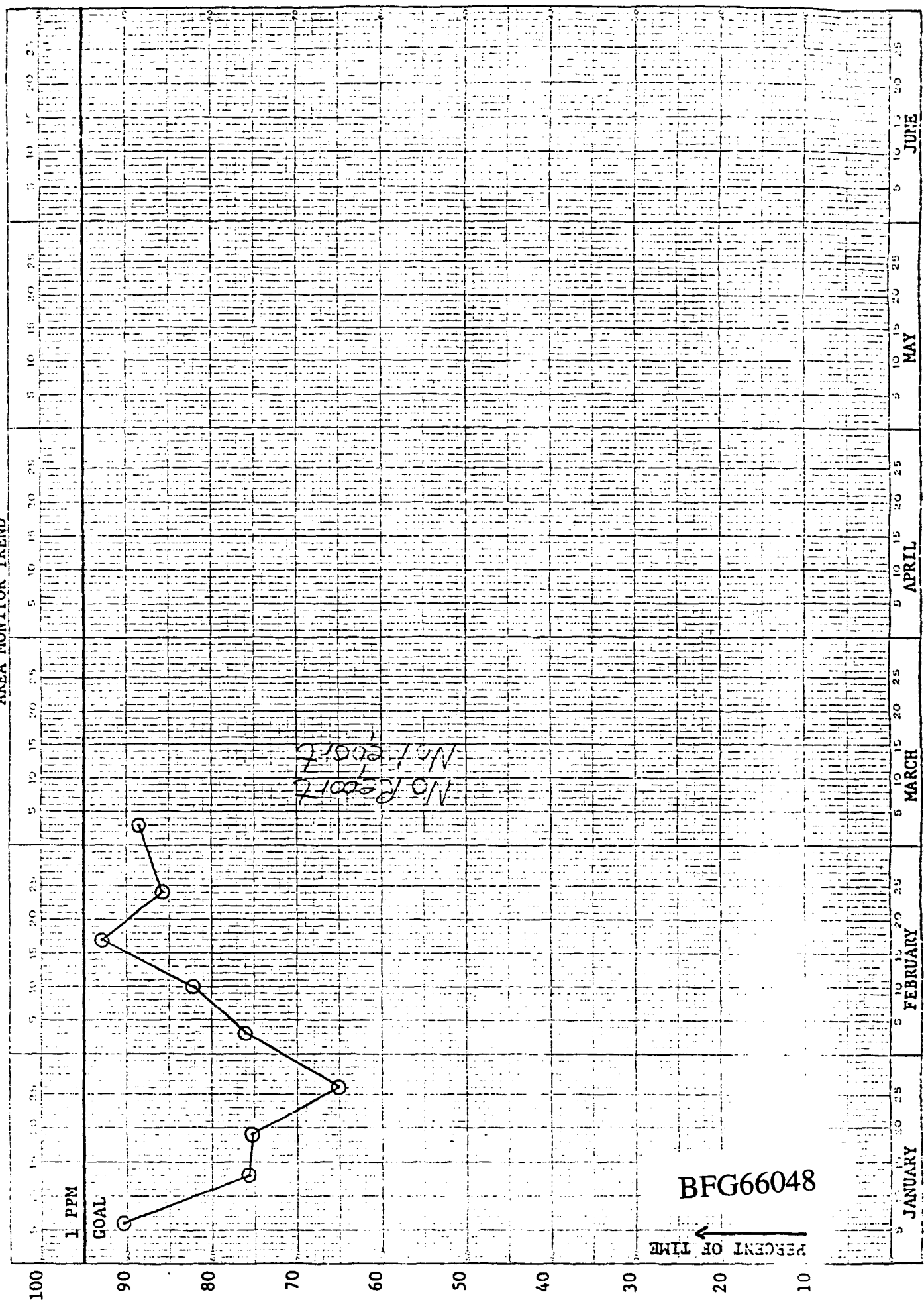
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LARGE POLY AREA

1977

AREA MONITOR TREND



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