



Northern Indiana Public Service Company

Nuclear Staff
RR # 3, Box 501
Chesterton, IN 46304
February 15, 1980

BAILLY GENERATING STATION N-1

Mr. Ronald Ballard
Environmental Projects Branch No. 1
Directorate of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

RE: NORTHERN INDIANA PUBLIC SERVICE COMPANY
BAILLY GENERATING STATION NUCLEAR 1
DOCKET 50-367

Dear Mr. Ballard:

Enclosed herewith are ten (10) copies of the following:

1. Well Charts for 1/30/80 - 2/6/80
2. Bailly Wells Without Recorders for 2/6/80
3. Pond Levels for 2/6/80
4. Pneumatic Pressure Transducers for 2/6/80
5. Water Meter Readings for 2/6/80
6. USGS Wells for 2/6/80
7. Lake Michigan Levels for 8/1/79, 8/15/79, 9/1/79, 9/15/79, 10/1/79, 10/15/79, 11/1/79, 11/15/79, 12/1/79, 12/15/79 and 1/1/80.
8. Rainfall Data for 9/1/79 - 1/31/80

DEY:lu

Enclosures

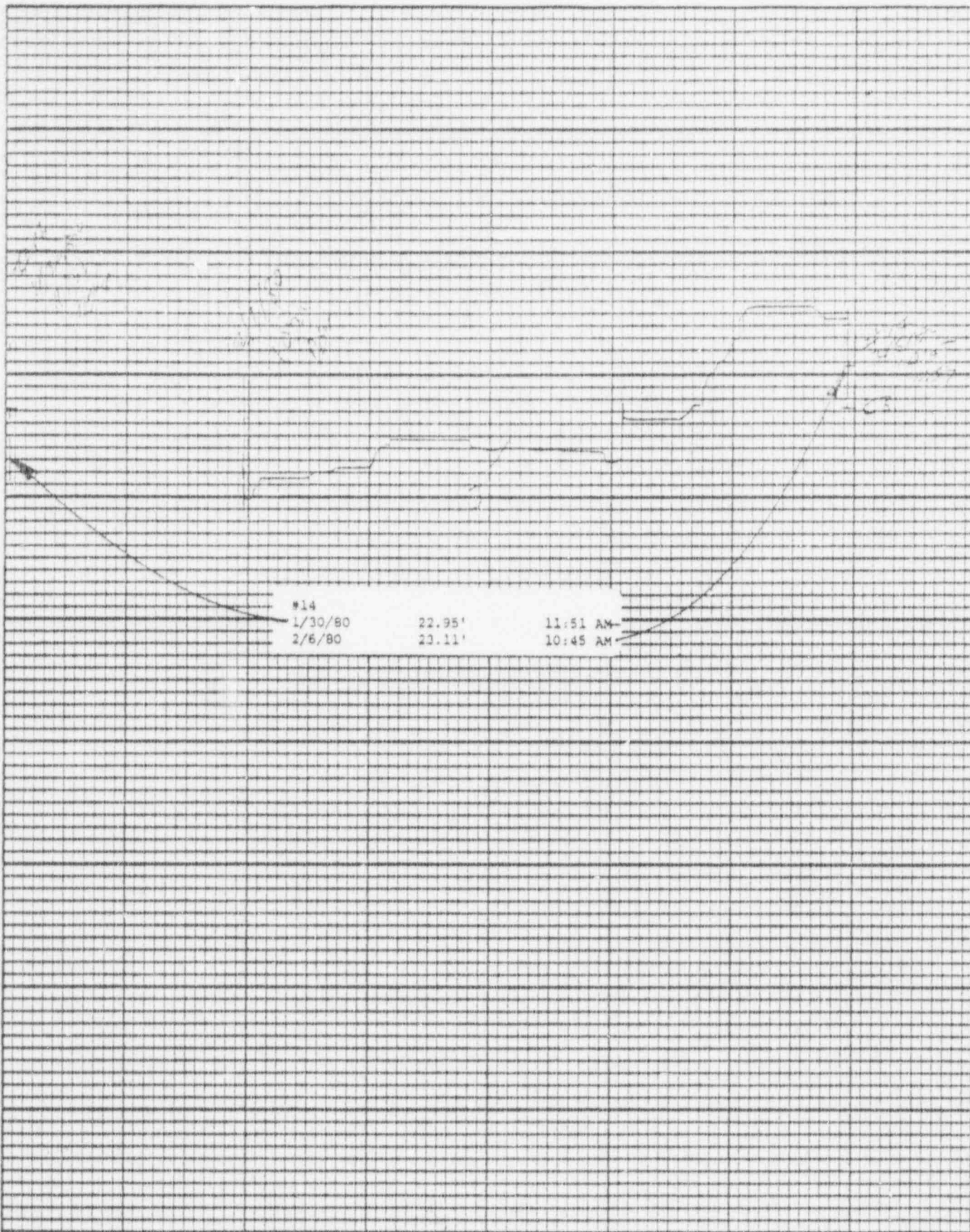
File: Ground Water Observation Monitoring Wells

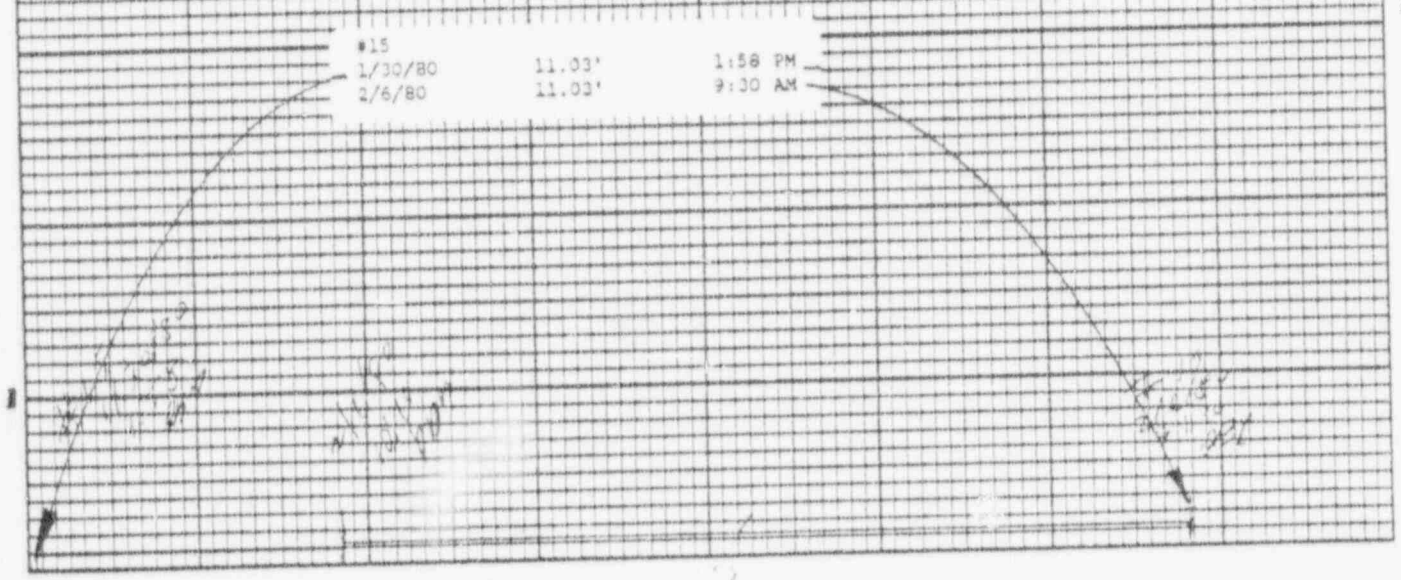

R. J. Bohn
Manager, Nuclear Staff

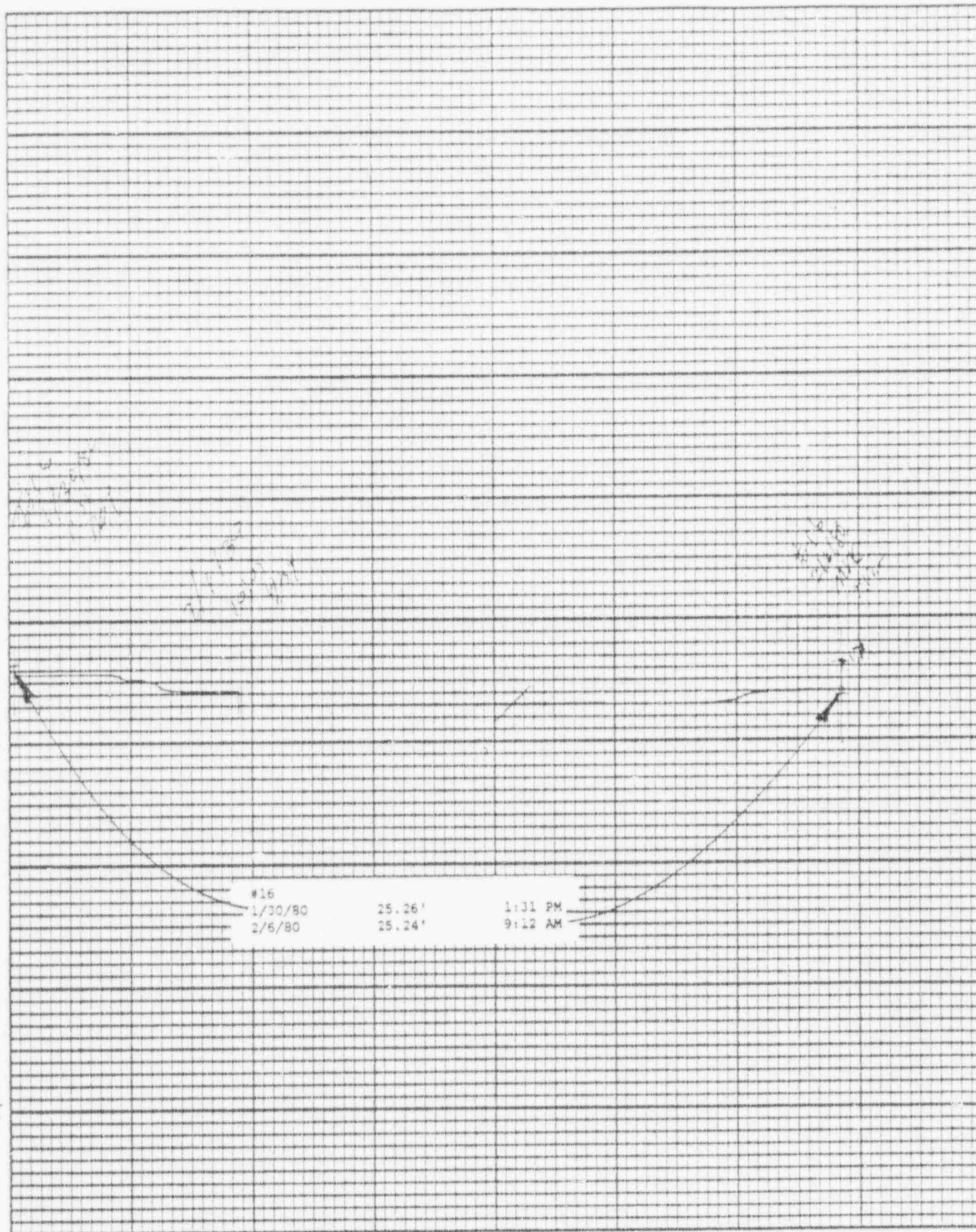
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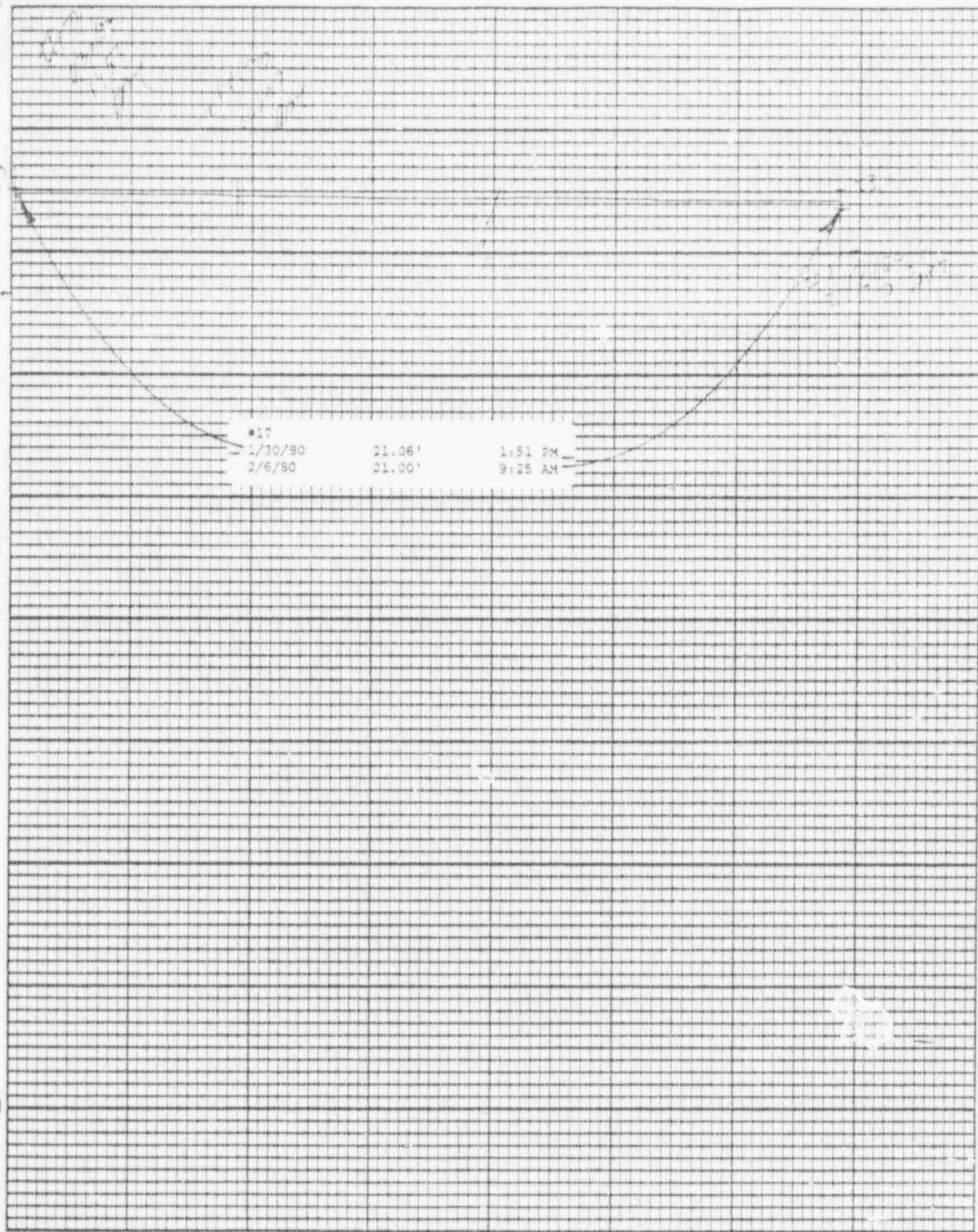
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8002280 592









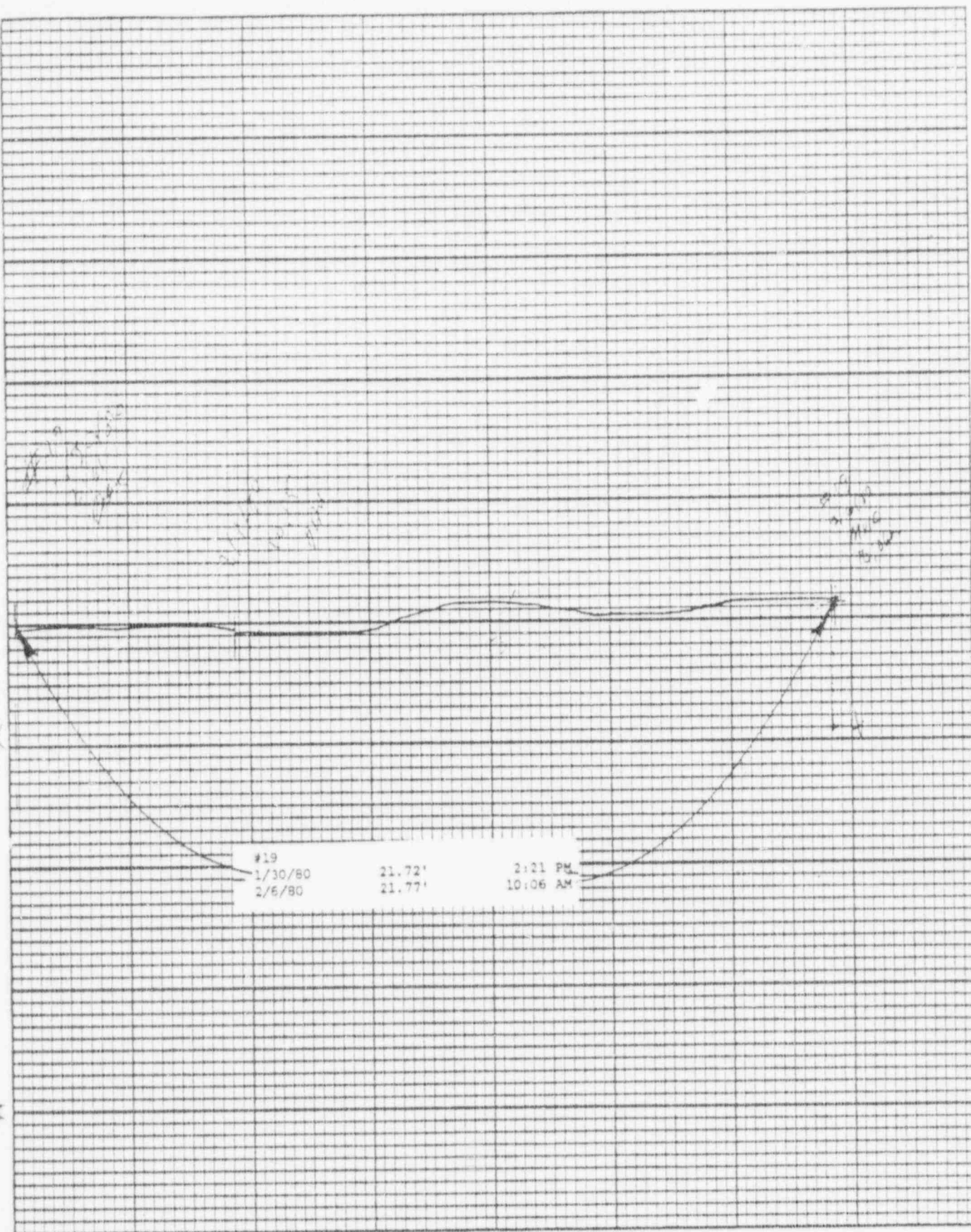
Lempold & Stevens, Inc., Beaverton, Ore.

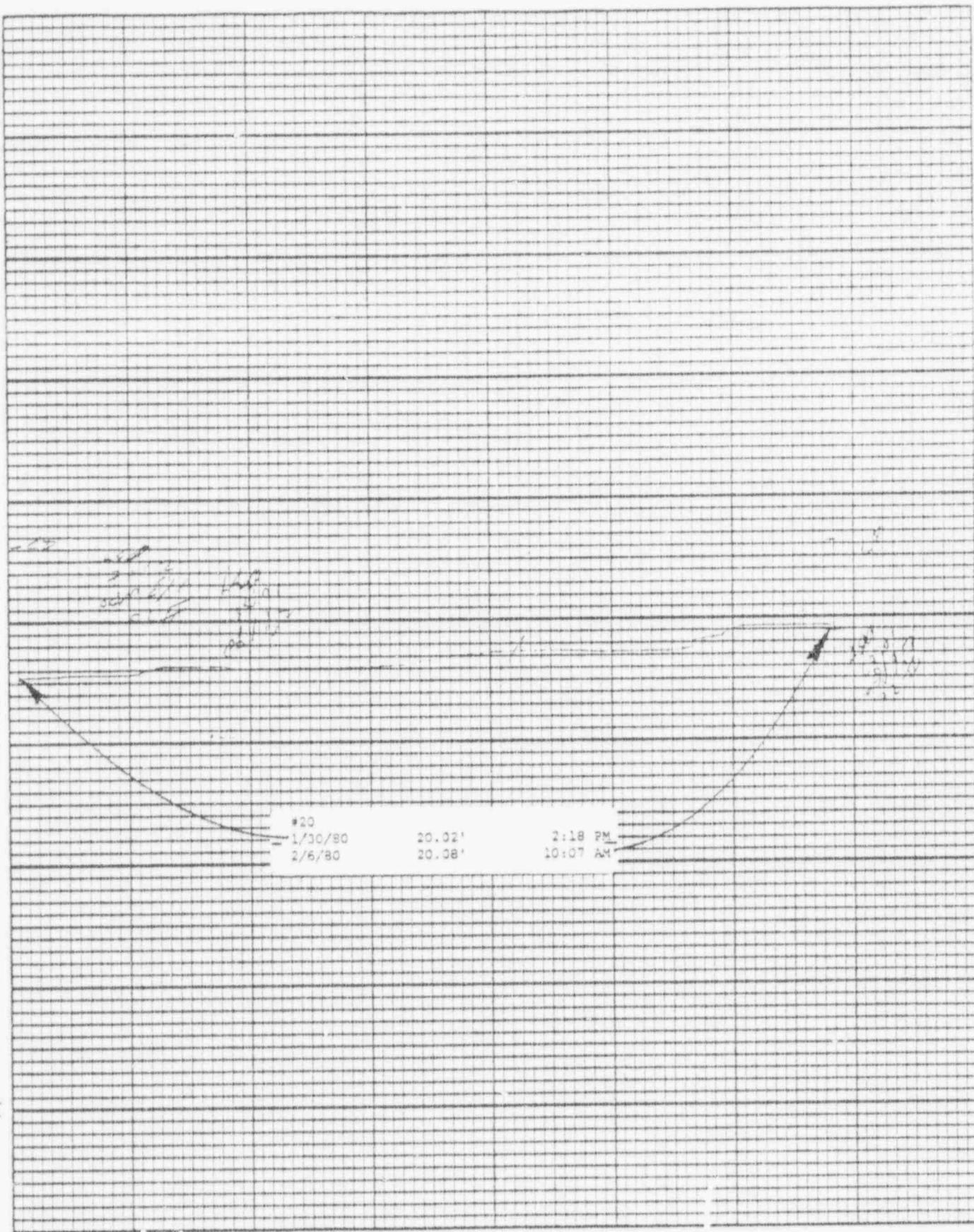
Chart F-1

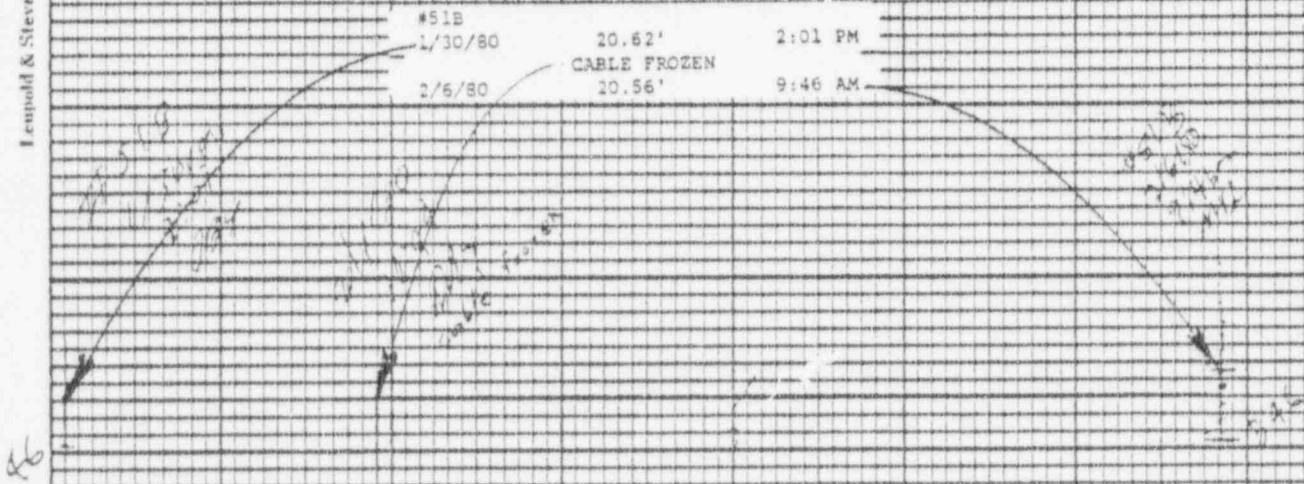
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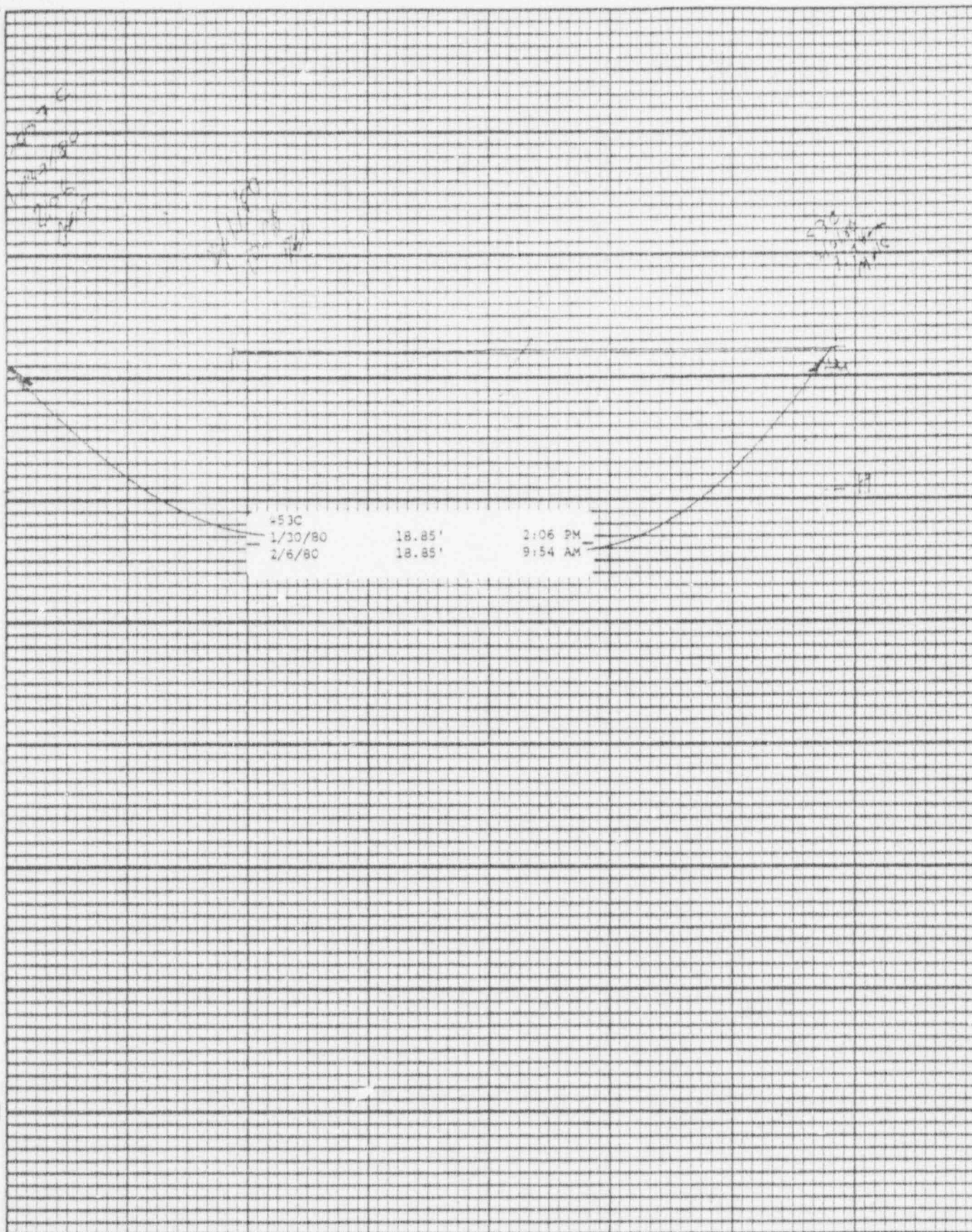
Stevens Water Level Recorder — Type F

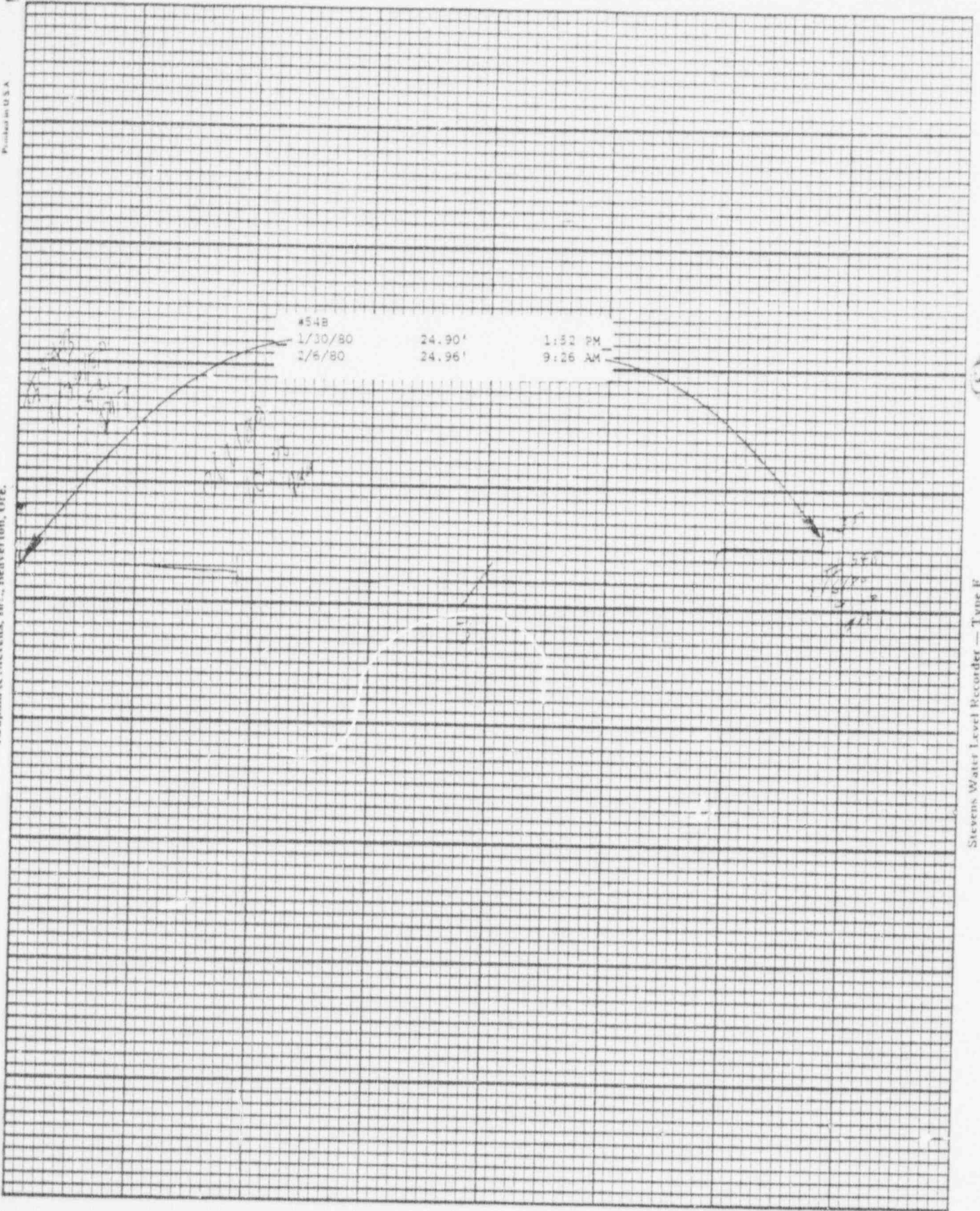
#18	24.41'	1:04 PM
1/30/80	24.45'	9:15 AM
2/6/80		

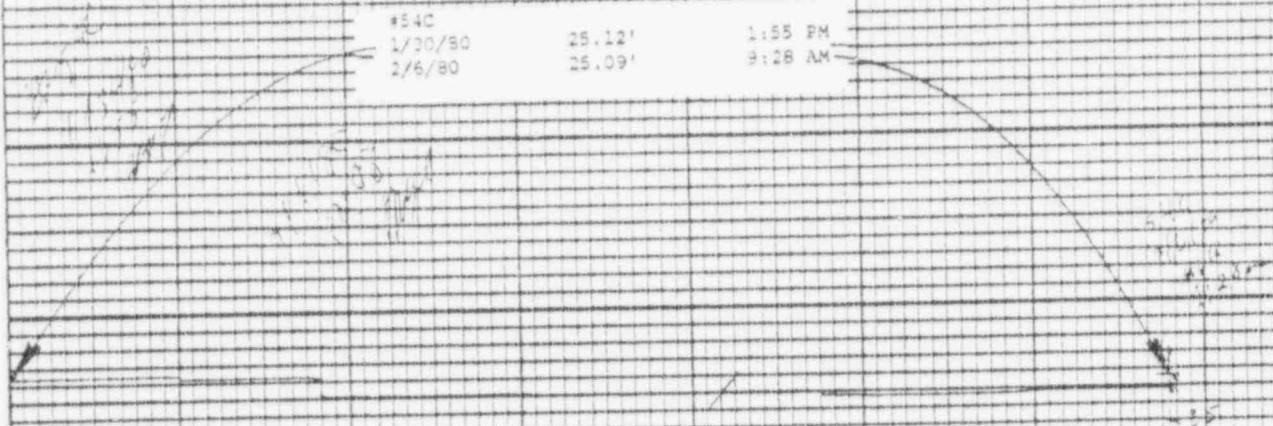










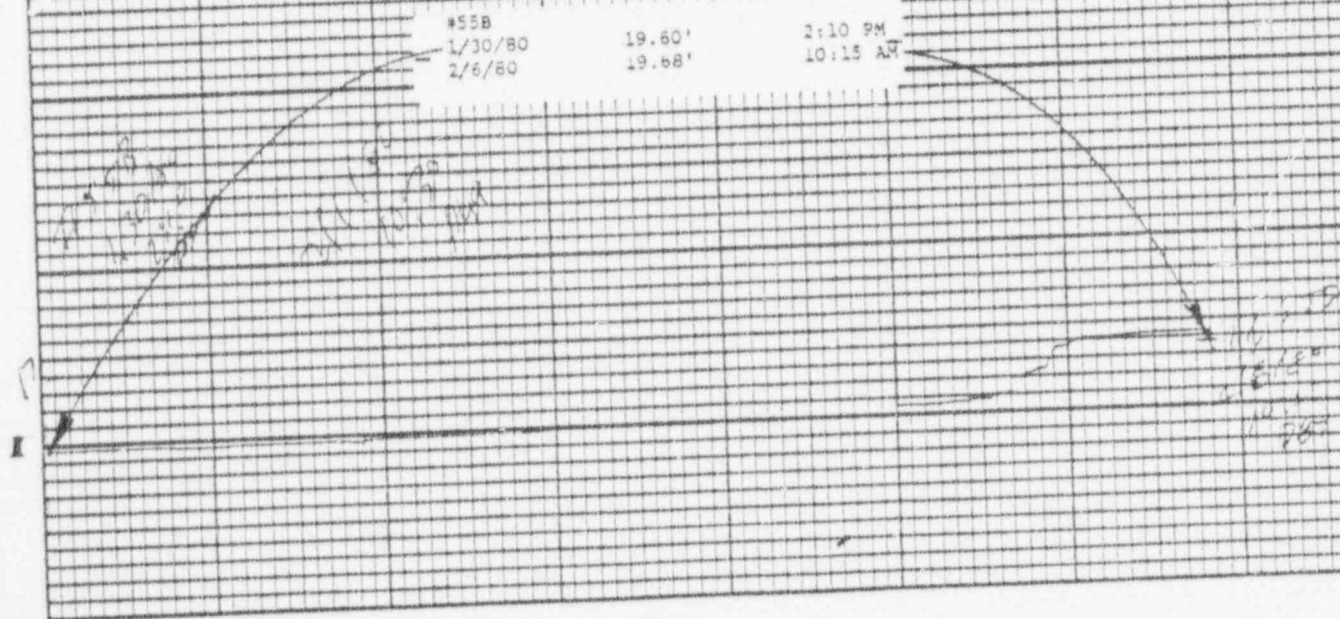


Leopold & Stevens, Inc., Beaverton, Ore.

Chart P-1

5

Stevens Water Level Recorder — Type F

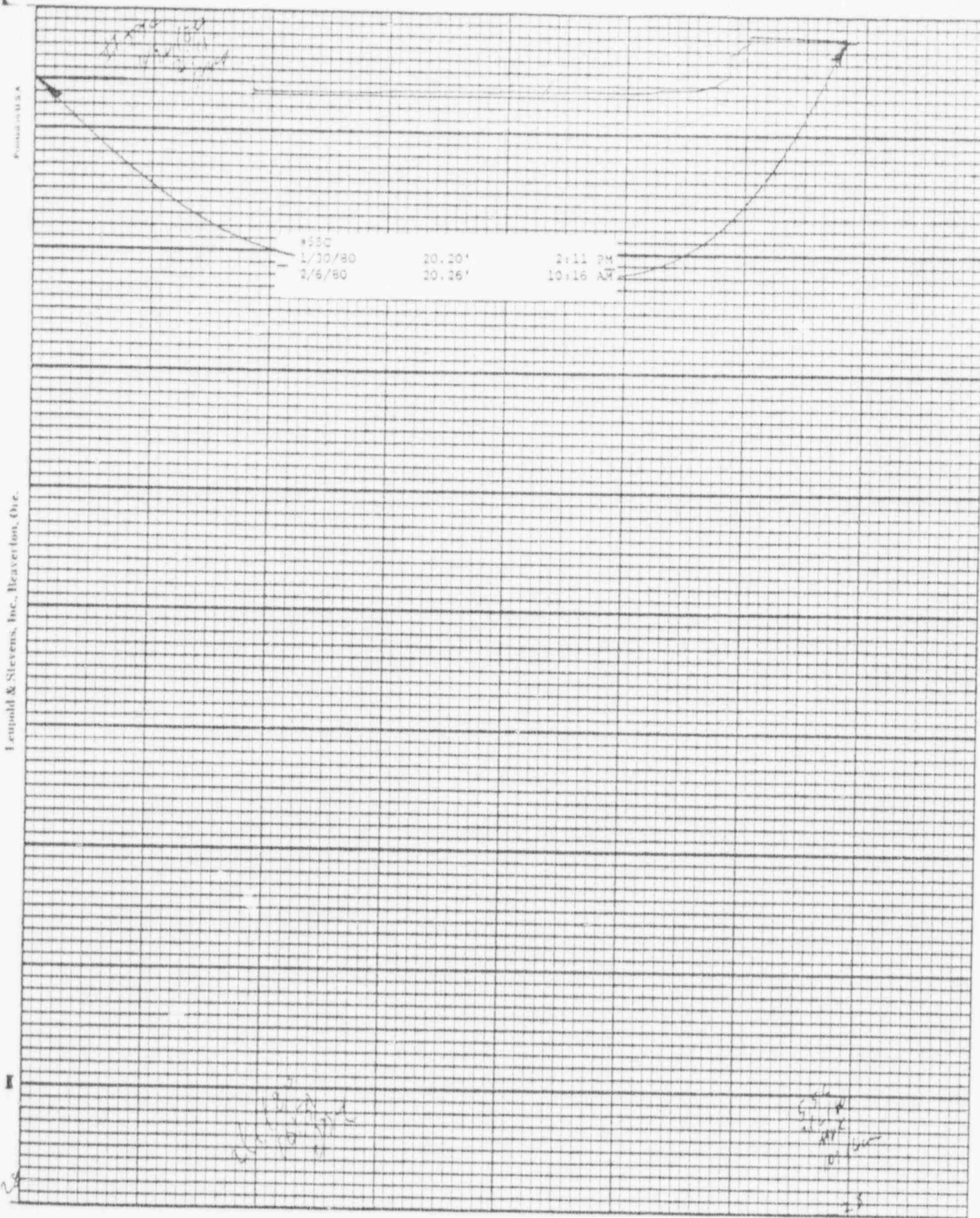


Printed in U.S.A.

Leupold & Stevens, Inc., Beaverton, Ohio

Stevens Water Level Recorder — Type F

Chart F-1

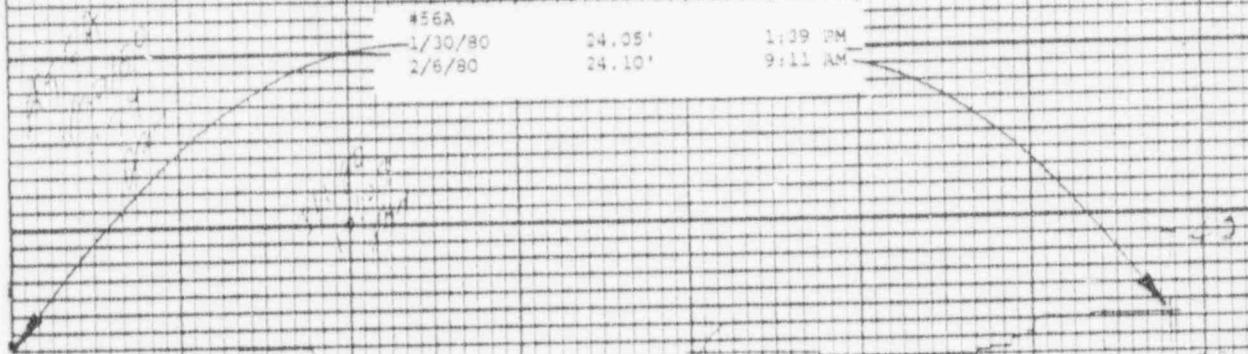


Leupold & Stevens, Inc., Heaverton, Ore.

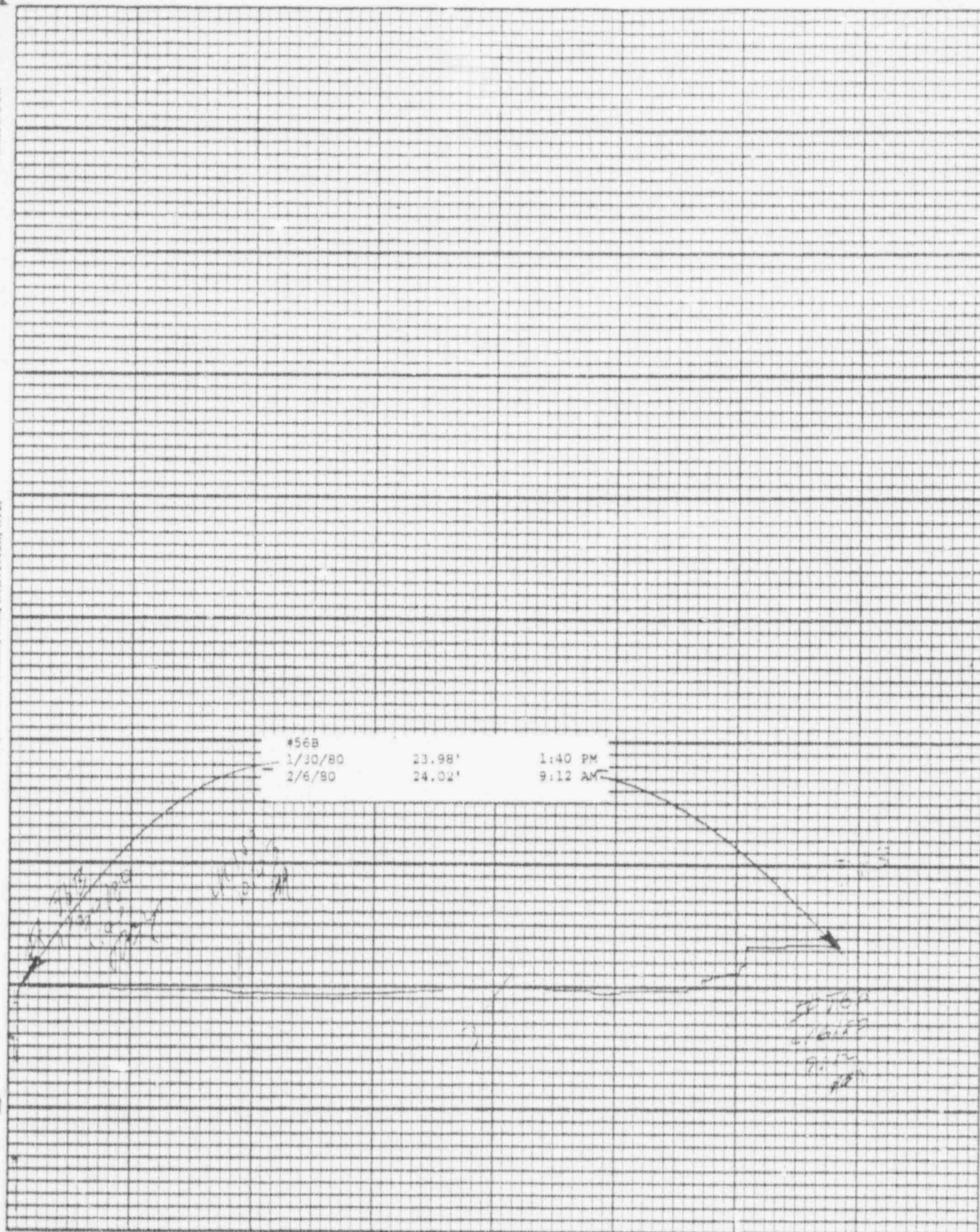
Chart 101

(S)

Stevens Water Level Recorder — Type F



10

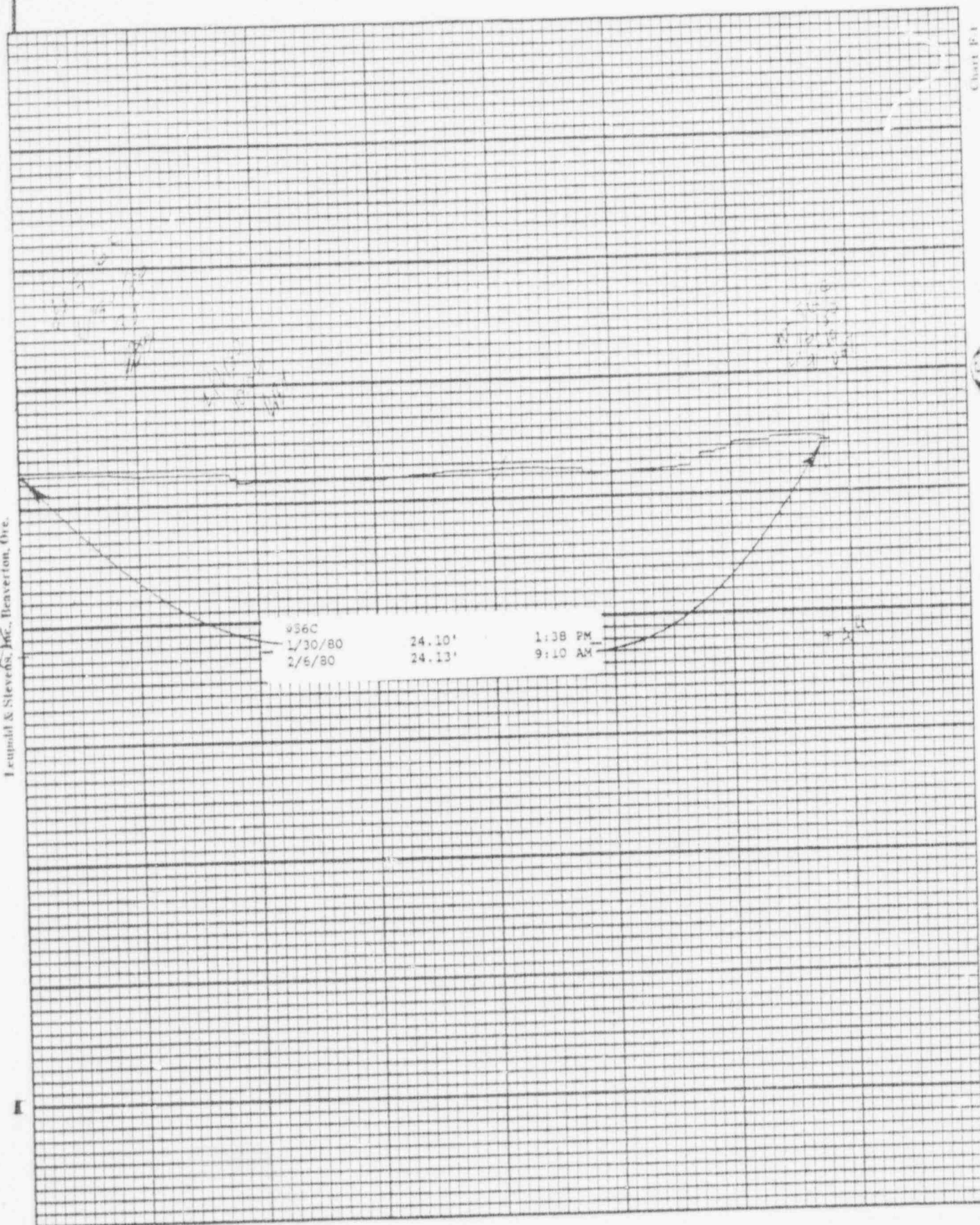


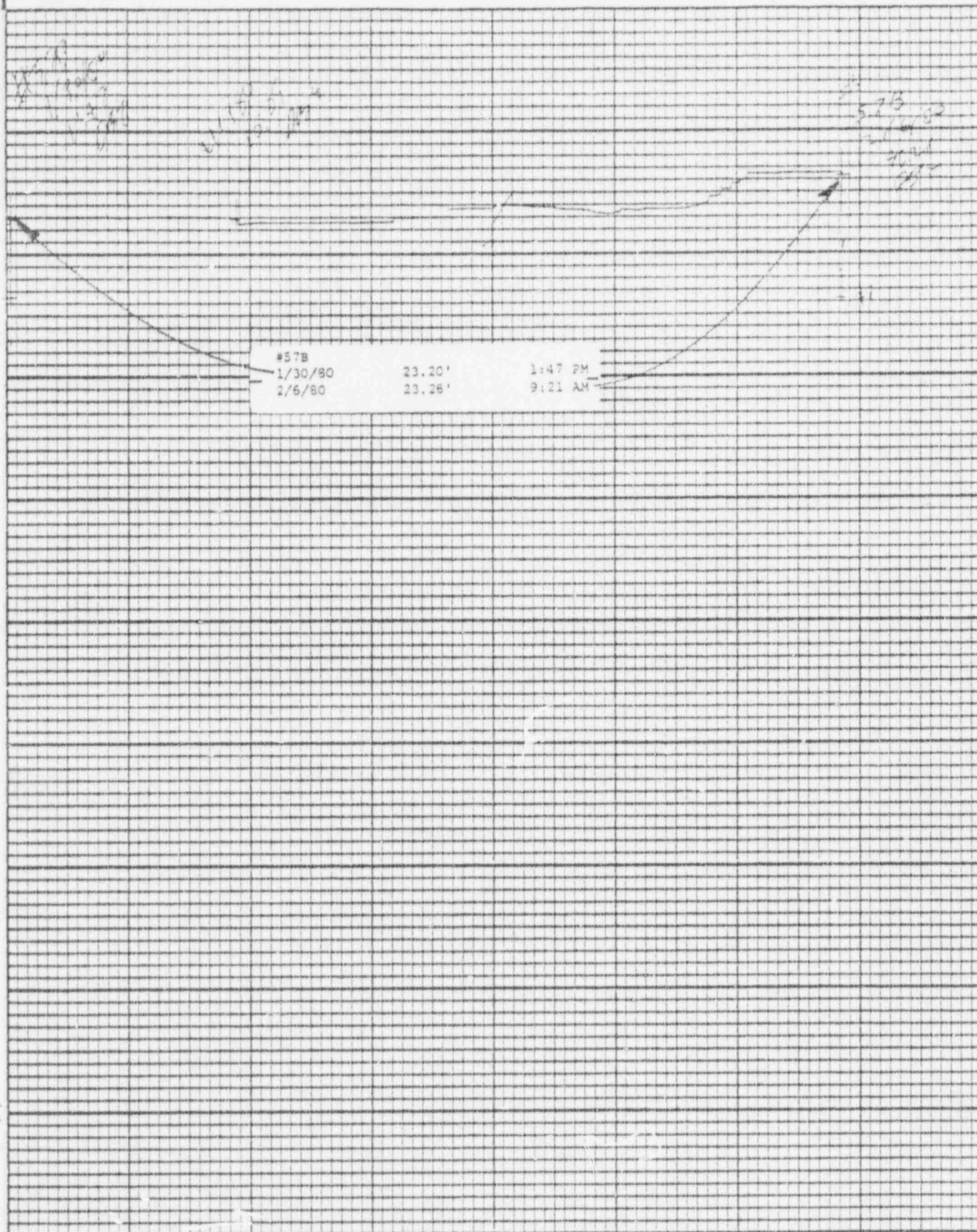
Leupold & Stevens, Inc., Beaverton, Ore.

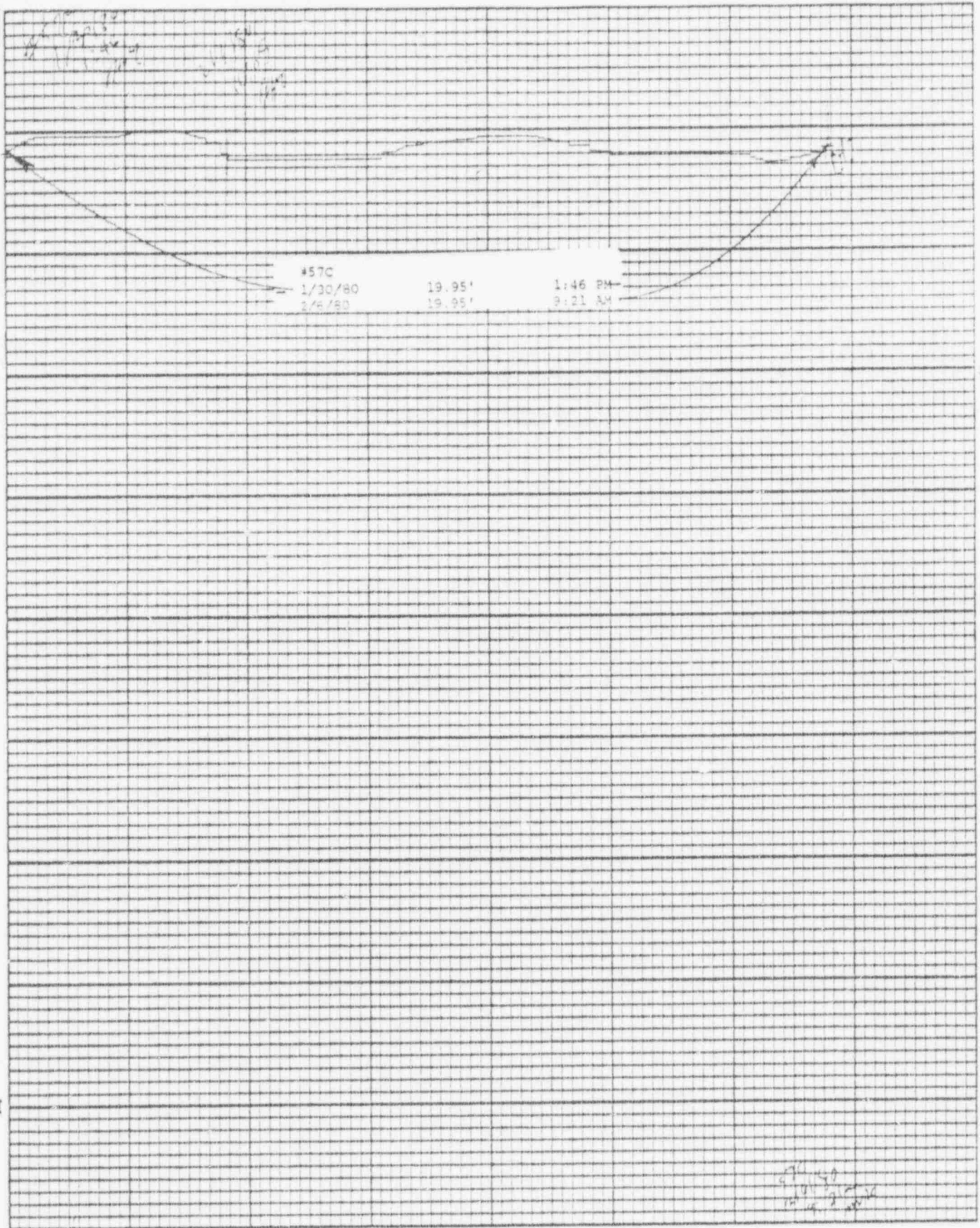
Chart F-1

(5)

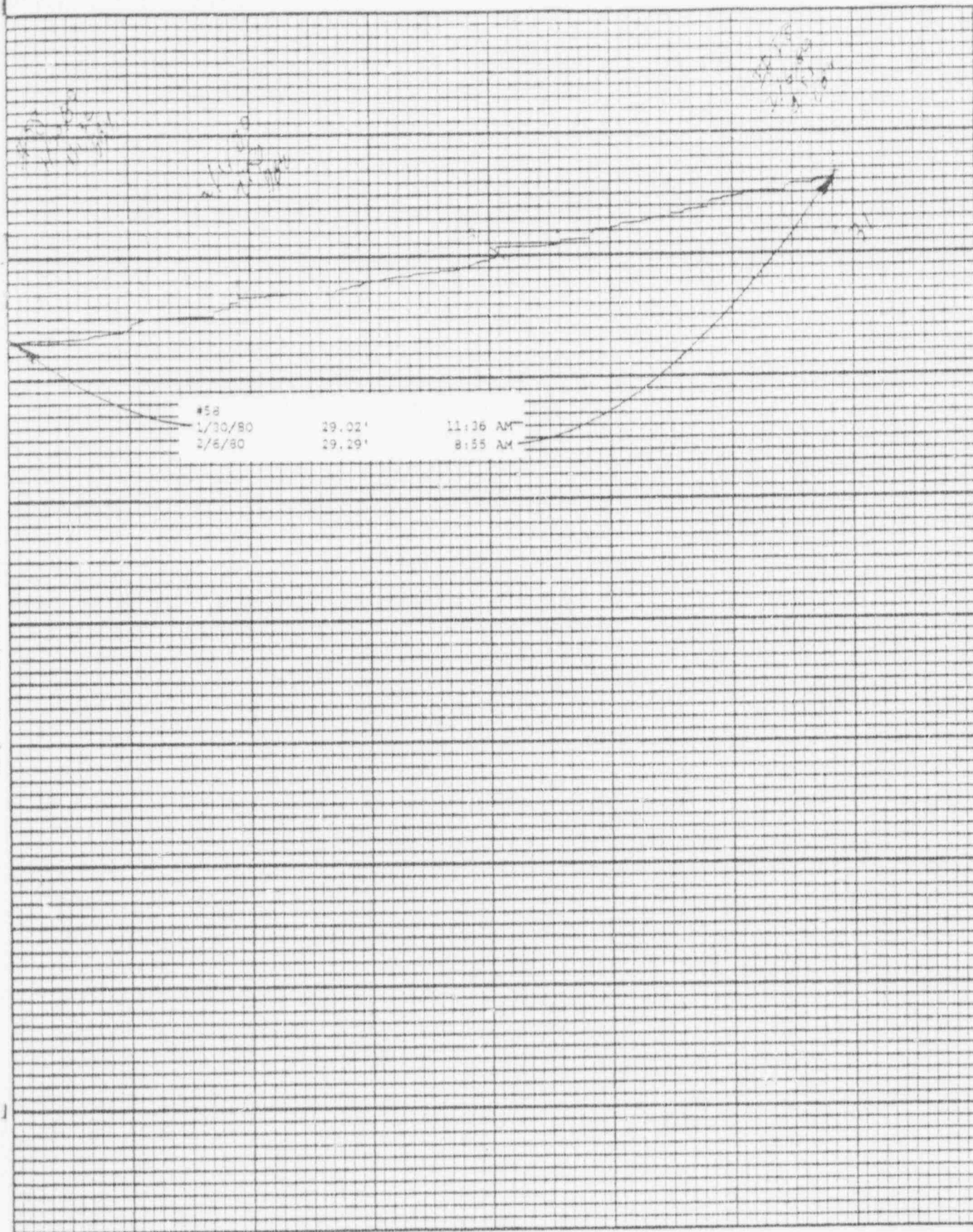
Stevens Water Level Recorder — Type F







#57C	19.95'	1:46 PM
1/30/80	19.95'	3:21 AM
2/4/80		

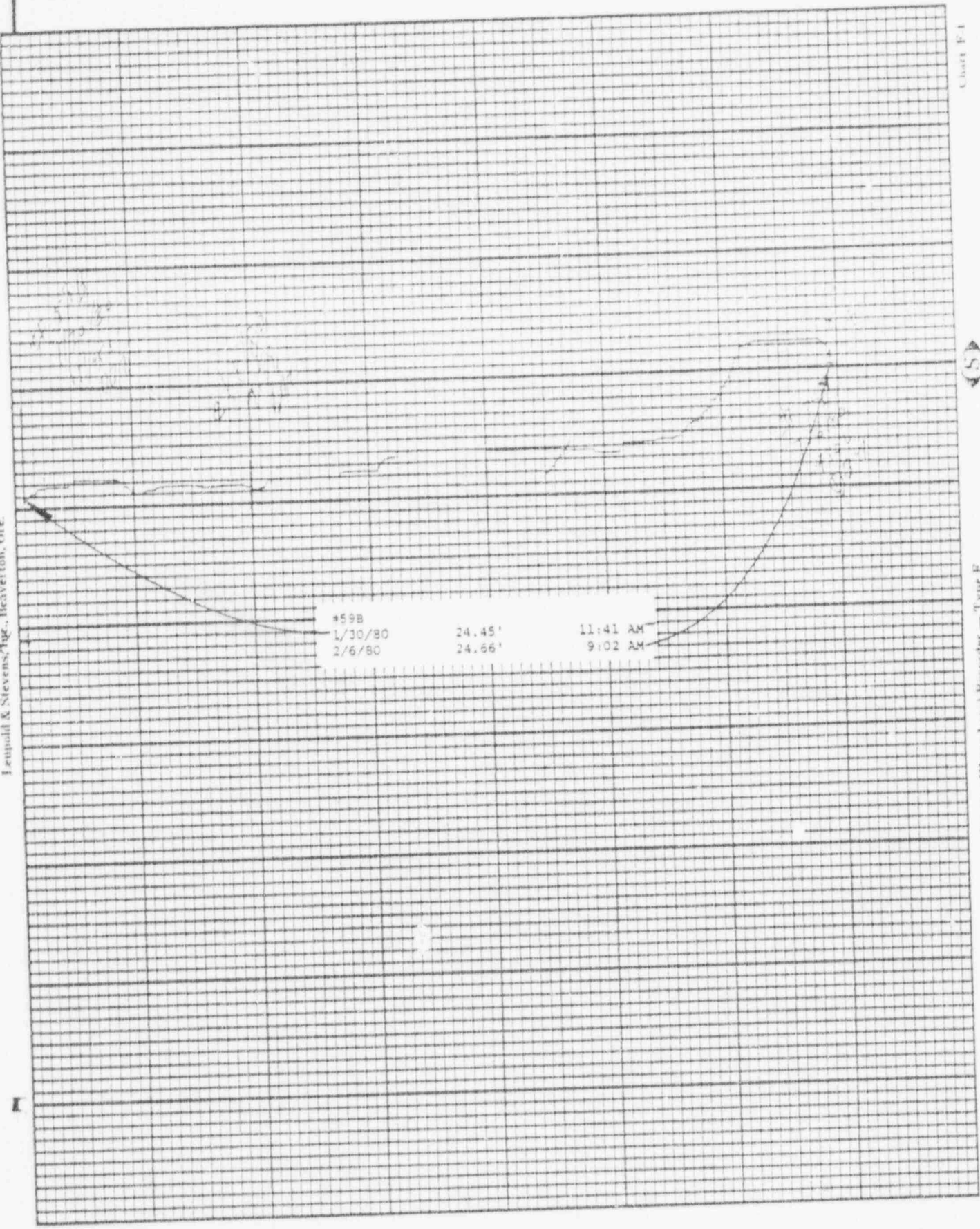


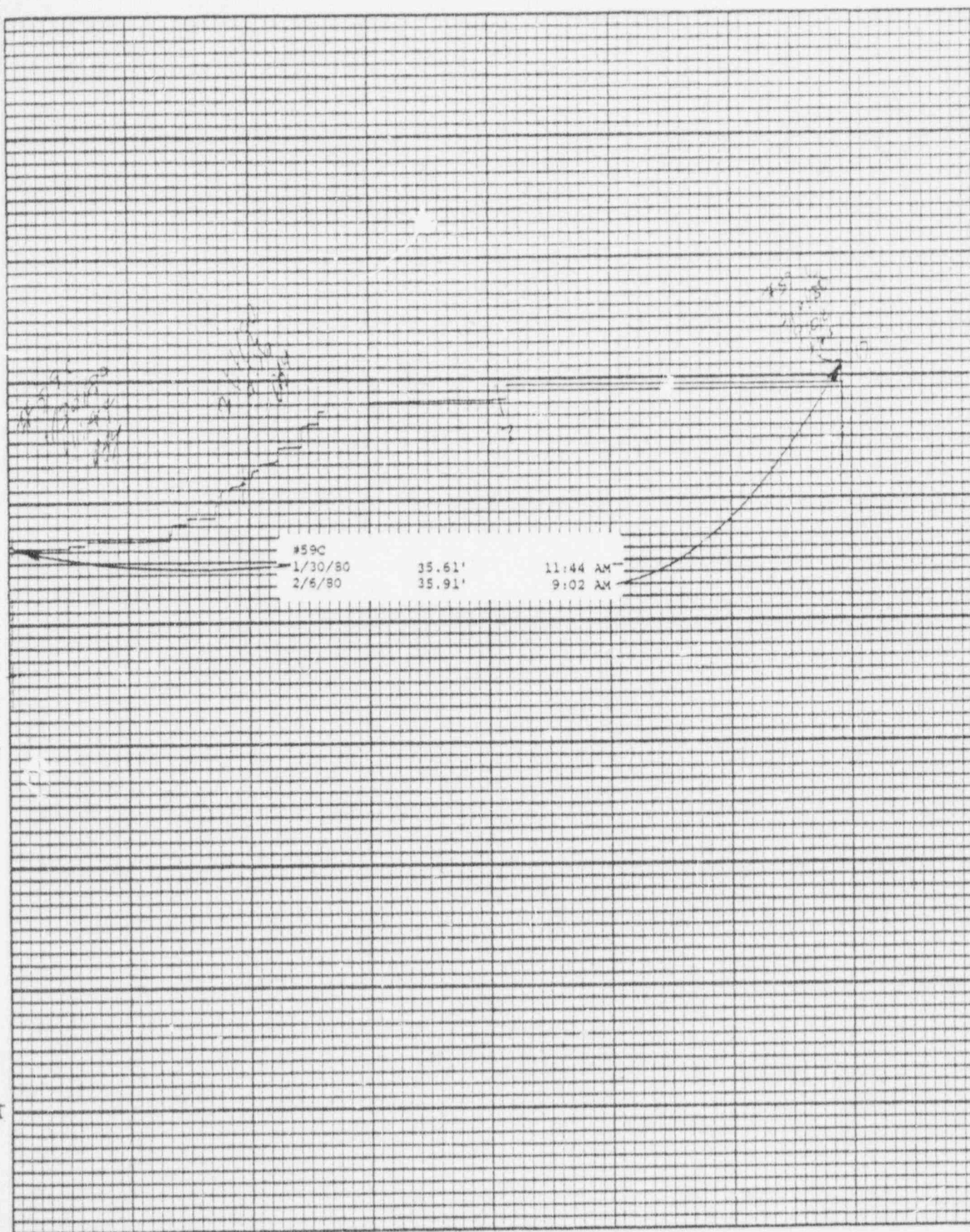
Leopold & Stevens, Inc., Beaverton, Ore.

Chart F-1

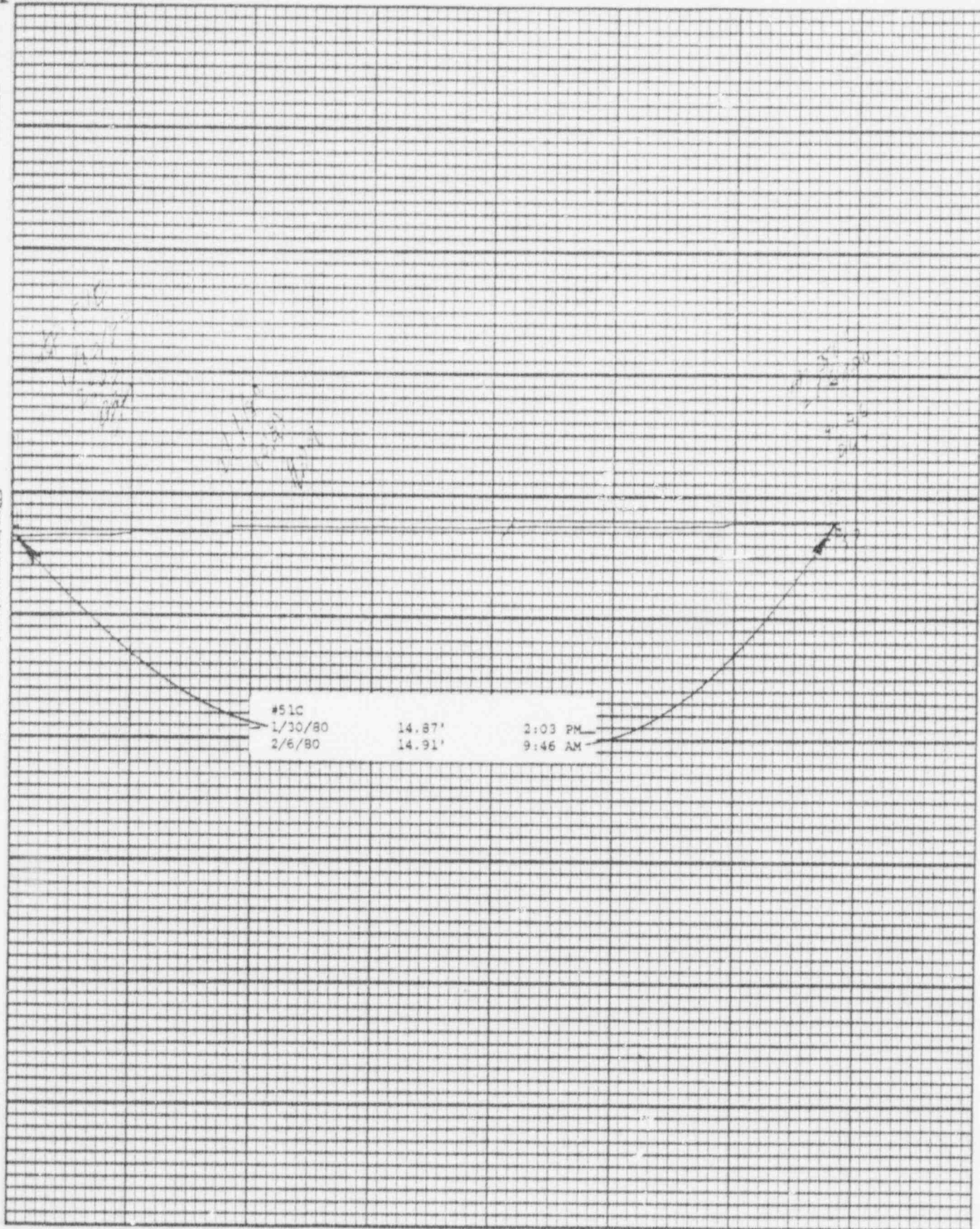


Stevens Water Level Recorder — Type F

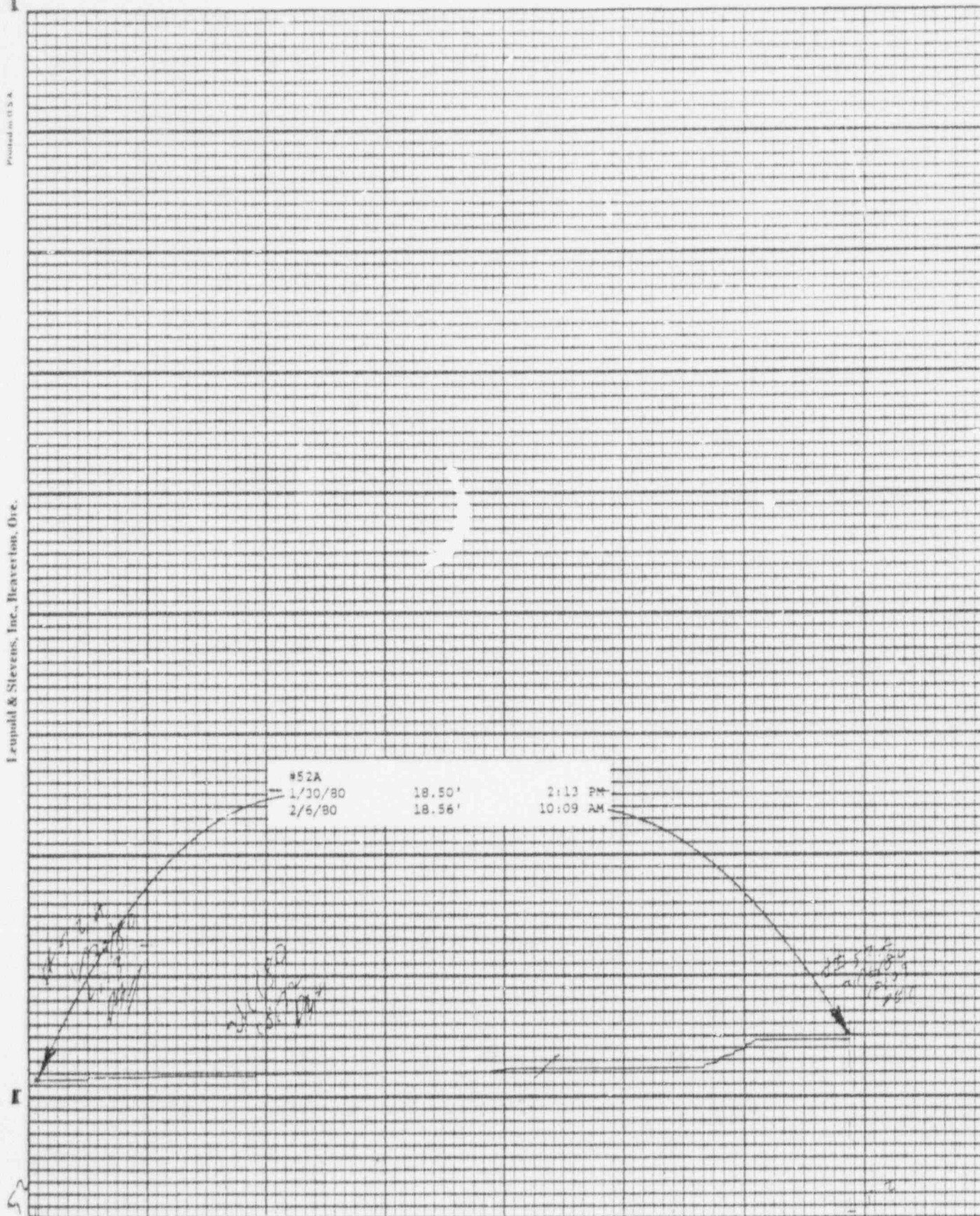




Leopold & Stevens, Inc., Beaverton, Ore.



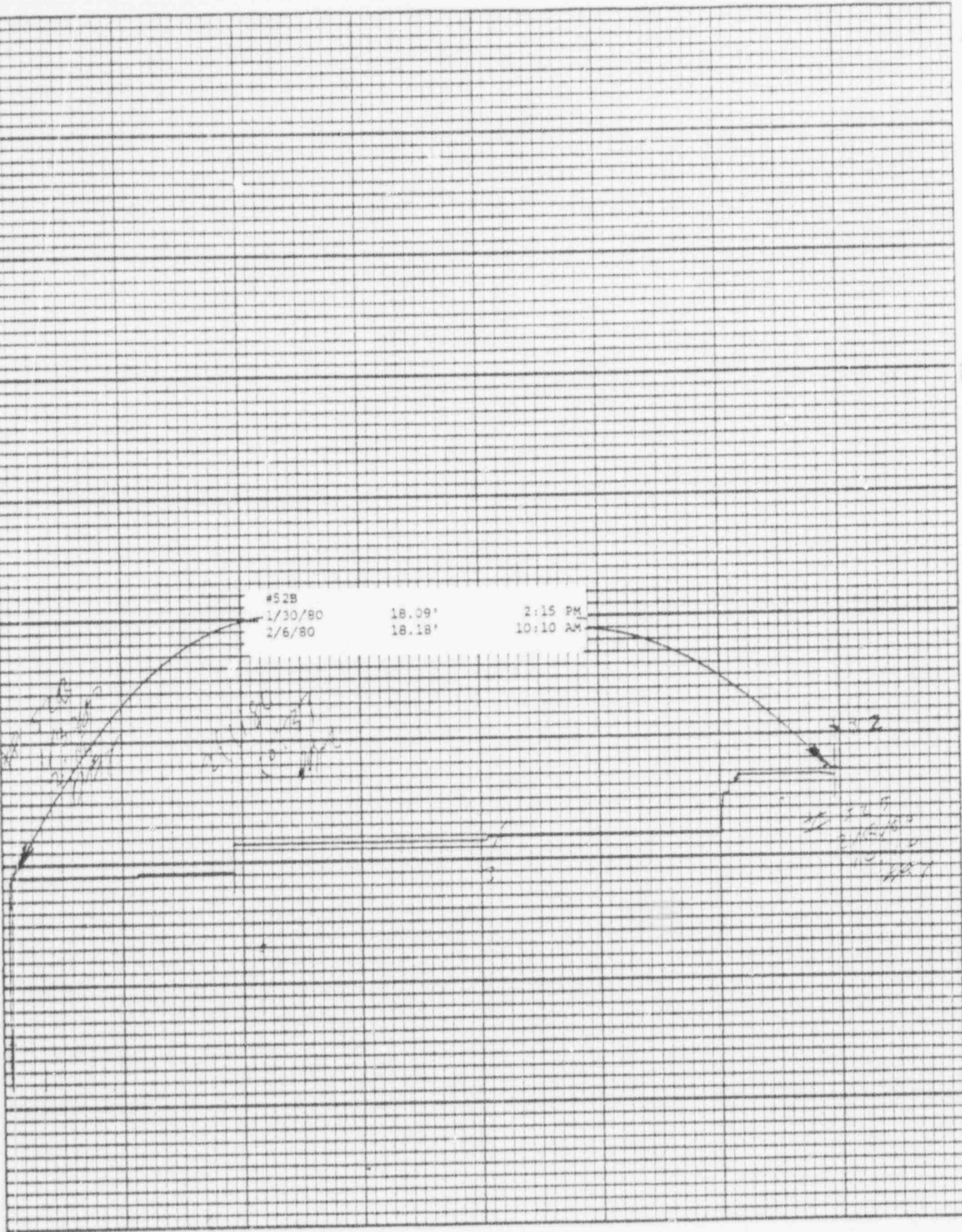
Stevens Water Level Recorder — Type F

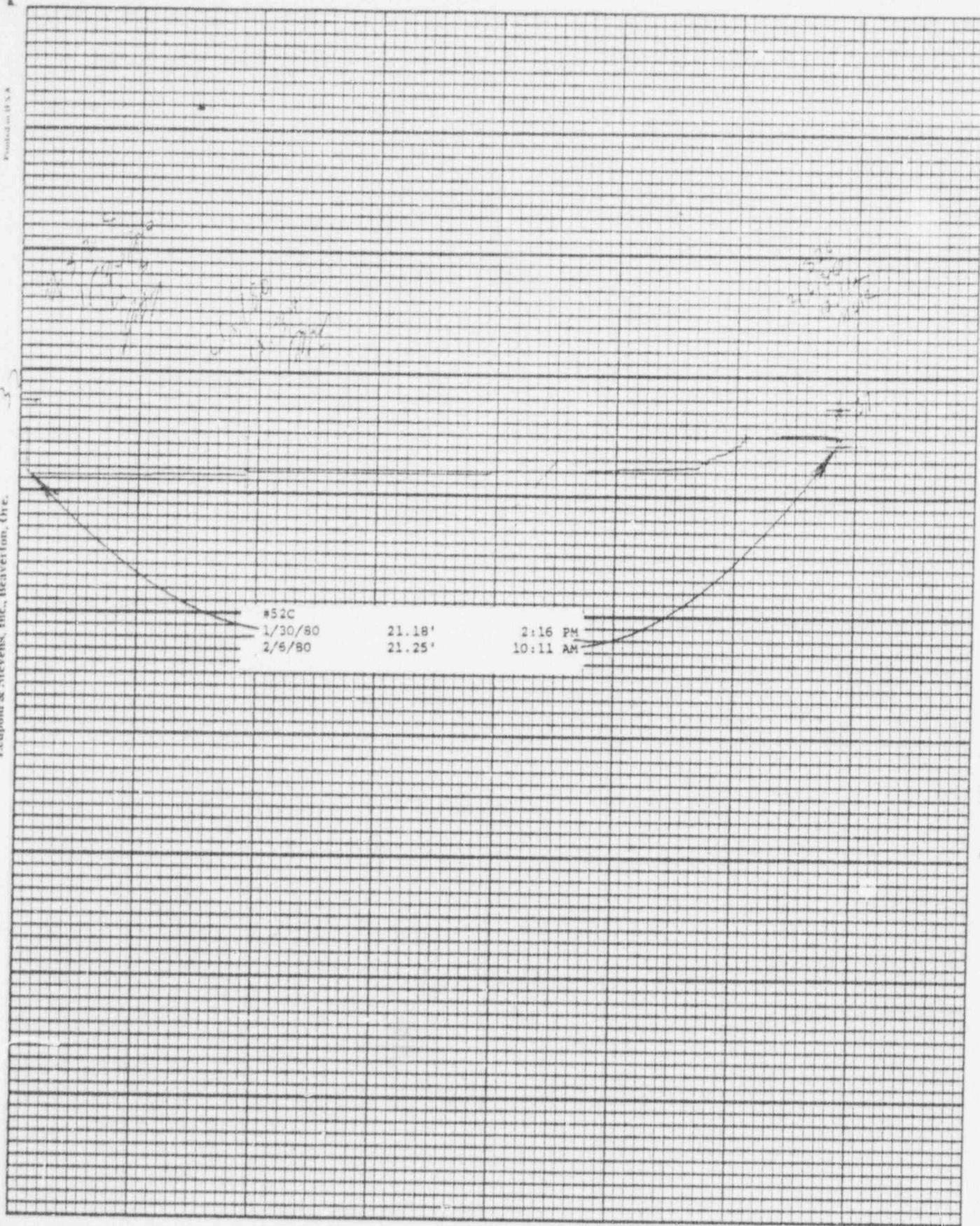


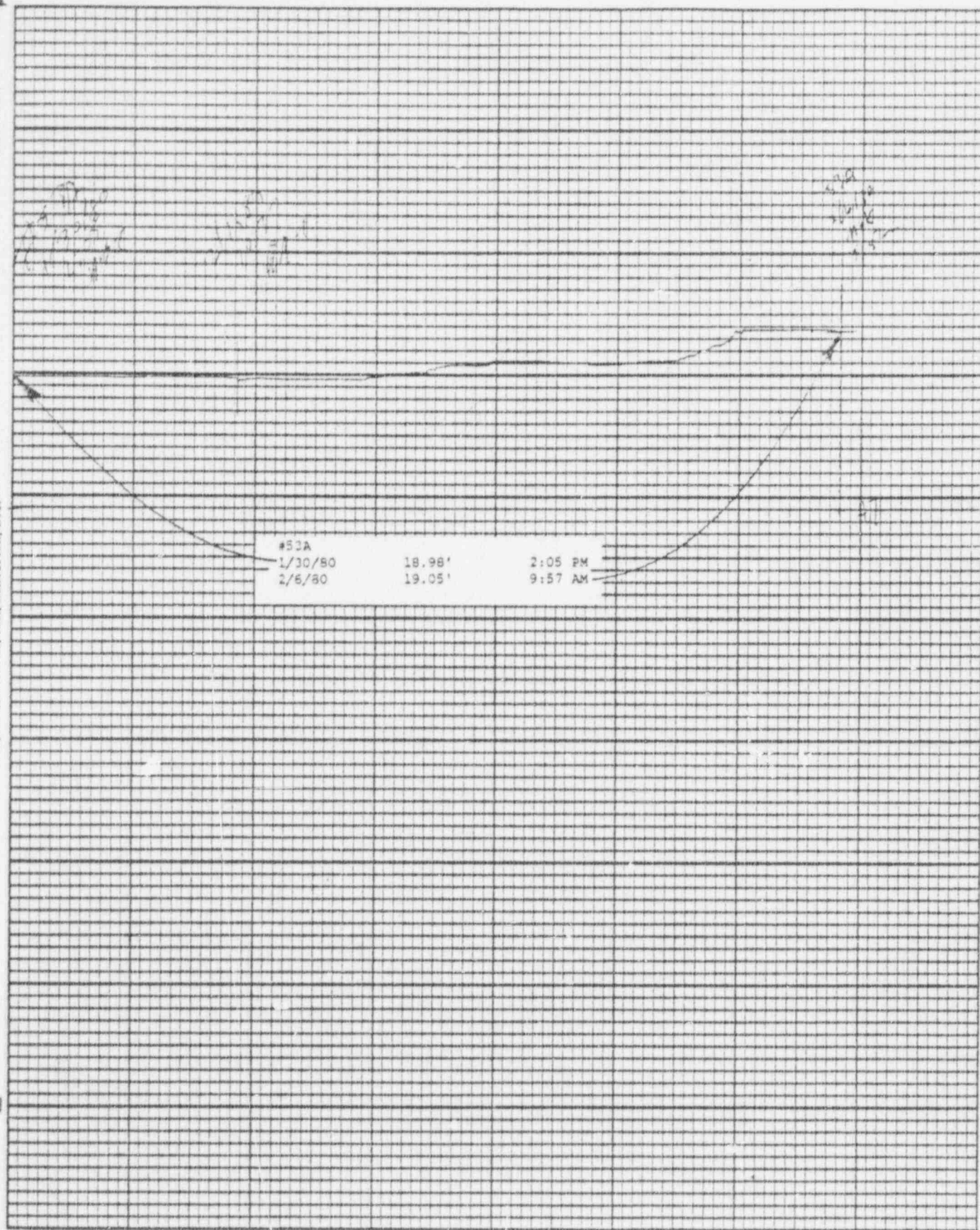
Leopold & Stevens, Inc., Benvenston, Ore.

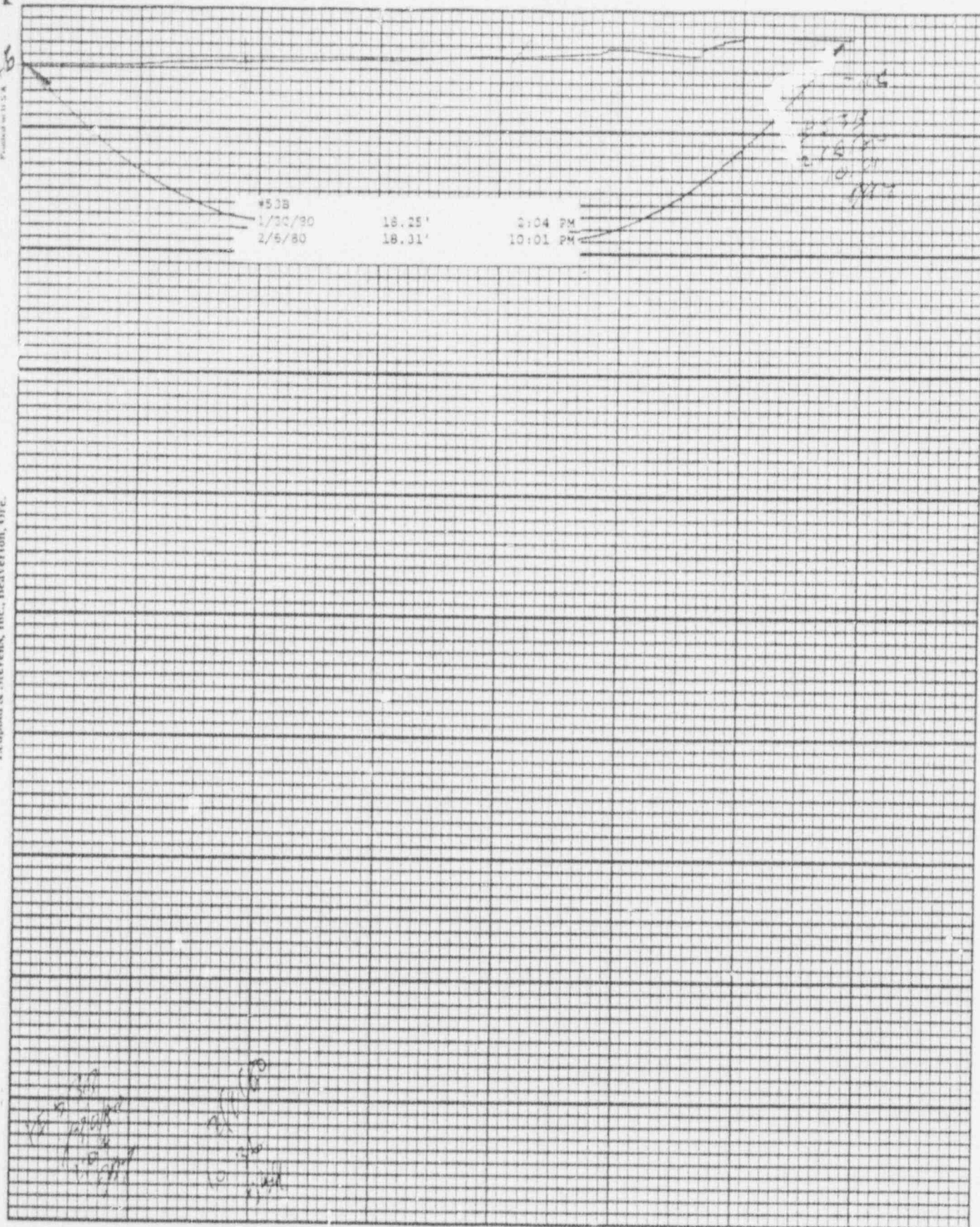


Stevens Water Level Recorder — Type F









BAILLY WELLS WITHOUT RECORDERS

2/6/80

<u>WELL #</u>	<u>WATER ELEVATION IN FEET</u>
62	32.54
65	27.43
67	22.18
72	10.38
73	10.69
74	14.06

DBY:bd

POND LEVELS

<u>POND</u>	<u>2/5/80</u>
1	FROZEN
2	FROZEN
3	NOT CHECKED
4	NOT CHECKED
5	NOT CHECKED
6	FROZEN
7	NOT CHECKED
8	INACCESSIBLE
9	FROZEN
10	40.96'
11	38.38'
12	38.92'
13	INACCESSIBLE

DBY:bd

PNEUMATIC PRESSURE TRANSDUCERS

2/6/80

<u>TRANSDUCER</u>	<u>WATER ELEVATION IN FEET</u>
P-1	11.9
P-2	15.6
P-3	8.7
P-4	12.3
P-5	16.8
P-6	16.9

DBY:bd

WATER METER READINGS

<u>DATE</u>	<u>TIME</u>	METER <u>READING</u> (GALLONS)	<u>INSTANTANEOUS FLOW RATE</u> (GPM)
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Sump Pump Discharge

2/6/80	10:00 AM	336,370,000	211
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Well Point Discharge

2/6/80	10:00 AM	9,025,589	NOT IN USE
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DBY:bd

USGS WELLS
(ELEVATION IN FEET ABOVE STATION DATUM)

2/6/80

<u>WELL</u>	<u>WATER LEVEL</u>
21	30.12
22	29.83
23	29.85
26	26.41
101	22.31
D-1	26.66
D-2	22.73
D-3	30.01
G-1	38.29
G-2	34.11
G-3	35.43
G-4	32.87
G-5	37.83
G-6	30.40

DBY:bd

LAKE MICHIGAN LEVELS

(REFERENCE TO STATION DATUM)

<u>DATE</u>	<u>FEET</u>
8/1/79	3.1
8/15/79	3.2
9/1/79	3.1
9/15/79	3.0
10/1/79	2.9
10/15/79	2.8
11/1/79	2.6
11/15/79	2.6
12/1/79	2.5
12/15/79	2.5
1/1/80	2.5

RAINFALL FLINT LAKE PUMP STATION

(RAINFALL IN INCHES)

SEPTEMBER 1, 1979 - January 31, 1980

<u>SEPTEMBER</u>	<u>OCTOBER</u>	<u>NOVEMBER</u>	<u>DECEMBER</u>	<u>JANUARY</u>
<u>DATE</u>	<u>DATE</u>	<u>DATE</u>	<u>DATE</u>	<u>DATE</u>
1 0	1 0	1 0	1 0.25	1 0
2 0	2 0.78	2 0	2 0.10	2 0
3 0	3 0	3 0	3 0.15	3 0
4 0	4 0	4 0	4 0	4 0
5 0	5 0.20	5 0	5 0	5 0
6 0	6 0	6 0.10	6 T	6 T
7 0	7 0	7 0.05	7 0	7 0.16
8 0	8 0	8 0	8 0	8 0
9 0	9 0	9 0.30	9 0	9 0
10 0	10 0.05	10 0.14	10 0	10 0
11 0	11 0.05	11 0	11 T	11 0.10
12 0	12 0	12 0	12 0.23	12 0
13 0	13 0	13 0	13 0	13 0
14 0	14 0	14 0	14 0	14 0.06
15 0	15 0	15 T	15 0	15 T
16 0	16 0.55	16 0	16 0.17	16 0.25
17 0	17 0.10	17 0	17 0	17 0.26
18 0	18 0	18 0	18 0	18 0
19 0	19 0	19 T	19 0	19 T
20 0	20 0	20 0	20 0	20 0
21 0	21 0	21 0.90	21 T	21 0
22 0	22 0.35	22 0.20	22 0.12	22 0
23 0	23 0.11	23 0.10	23 0.11	23 T
24 0	24 0	24 0	24 0.75	24 0.02
25 0.04	25 0	25 0.19	25 0.35	25 0.05
26 0	26 0	26 1.10	26 0	26 0
27 0	27 0	27 0.11	27 0	27 0.01
28 0	28 0	28 0.21	28 0	28 0
29 0	29 0	29 0.01	29 0	29 0
30 0	30 0	30 0	30 0	30 0
	31 0		31 0	31 0.02