



Northern Indiana Public Service Company

Nuclear Staff
RR 3, Box 501
Chesterton, IN 46304
June 24, 1981

BAILLY GENERATING STATION N-1

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



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

Dear Mr. Youngblood:

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

1. Well Charts for 6/10/81 - 6/17/81
2. Bailly Wells Without Recorders for 6/17/81
3. Pond Levels for 6/17/81
4. Pneumatic Pressure Transducers for 6/17/81
5. Water Meter Readings for 6/17/81
6. USGS Wells for 6/17/81
7. Lake Michigan Levels for 3/15/81, 4/1/81, 4/15/81, 5/1/81, 5/15/81 and 6/1/81.

Well #56A, #56B and #57B - Counterweight hit bottom.

While analyzing the long term water level trends an error was discovered in Well #20. Upon further investigation it was determined that this error occurred when the float and counterweight mechanism was inadvertently reversed on the well chart recorder. The error was corrected and the well recalibrated on 6/12/81. The previous water level results were re-evaluated and it was determined that the error occurred on 4/15/81 after well charts had been changed. Therefore, the water levels were re-calculated and the results are as follows:

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THIS DOCUMENT CONTAINS
POOR QUALITY PAGES

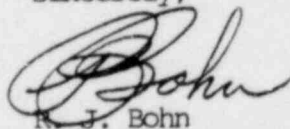
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Mr. B. J. Youngblood
June 24, 1981
Page Two

<u>Date</u>	<u>Correct Water Level</u>
4/15/81	16.42'
4/23/81	16.51'
4/29/81	16.60'
5/6/81	16.52'
5/13/81	16.69'
5/20/81	16.77'
5/27/81	16.81'
6/3/81	16.85'
6/10/81	17.10'
6/17/81	17.53'

Sincerely,



R. J. Bohn
Manager, Nuclear Staff

DEB/mlk

Enclosures

File: Project--Groundwater Observation Monitoring Wells

BAILLY WELLS WITHOUT RECORDERS

Date: 6/17/81

<u>Well #</u>	<u>Water Elevation in Feet</u>
62	22.62
65	21.14
67	18.38
72	10.59
73	11.68
74	14.41
APS-1	FILLED WITH SAND
APS-2	23.94

POND LEVELS

<u>Pond</u>	Date: <u>6/17/81</u>
1	DRY
2	INACCESSIBLE
3	DRY
4	DRY
5	DRY
6	DRY
7	28.93'
8	24.27'
9	28.53'
10	DRY
11	39.50'
12	39.29'
13	DRY

PNEUMATIC PRESSURE TRANSDUCERS

Date: 6/17/81

<u>Transducer</u>	<u>Water Elevation in Feet</u>
P-1	13.9
P-2	OUT OF SERVICE
P-3	9.2
P-4	12.6
P-5	16.2
P-6	15.3

WATER METER READINGS

<u>Date</u>	<u>Time</u>	<u>Meter Reading (Gallons)</u>	<u>Instantaneous Flow Rate (GPM)</u>
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Sump Pump Discharge

6/17/81	12:25 PM	452,903,850	165
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Well Point Discharge

6/17/81	12:25 PM	9,025,589	NOT IN USE
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USGS WELLS
(Elevation in Feet above Station Datum)

Date: 6/17/81

<u>Well</u>	<u>Water Level</u>
23	24.61
23 A	24.62
24	28.95
25	24.80
26	19.24
101	18.58
D-1A	19.97
D-2A	20.48
D-3A	28.68
C-1	23.24
G-2	23.72
G-3	BURIED
G-4A	24.32
G-5	BURIED
G-6	30.06

LAKE MICHIGAN LEVELS

(REFERENCE TO STATION DATUM)

<u>DATE</u>	<u>FEET</u>
3/15/81	2.0
4/1/81	2.0
4/15/81	2.1
5/1/81	2.2
5/15/81	2.3
6/1/81	2.4

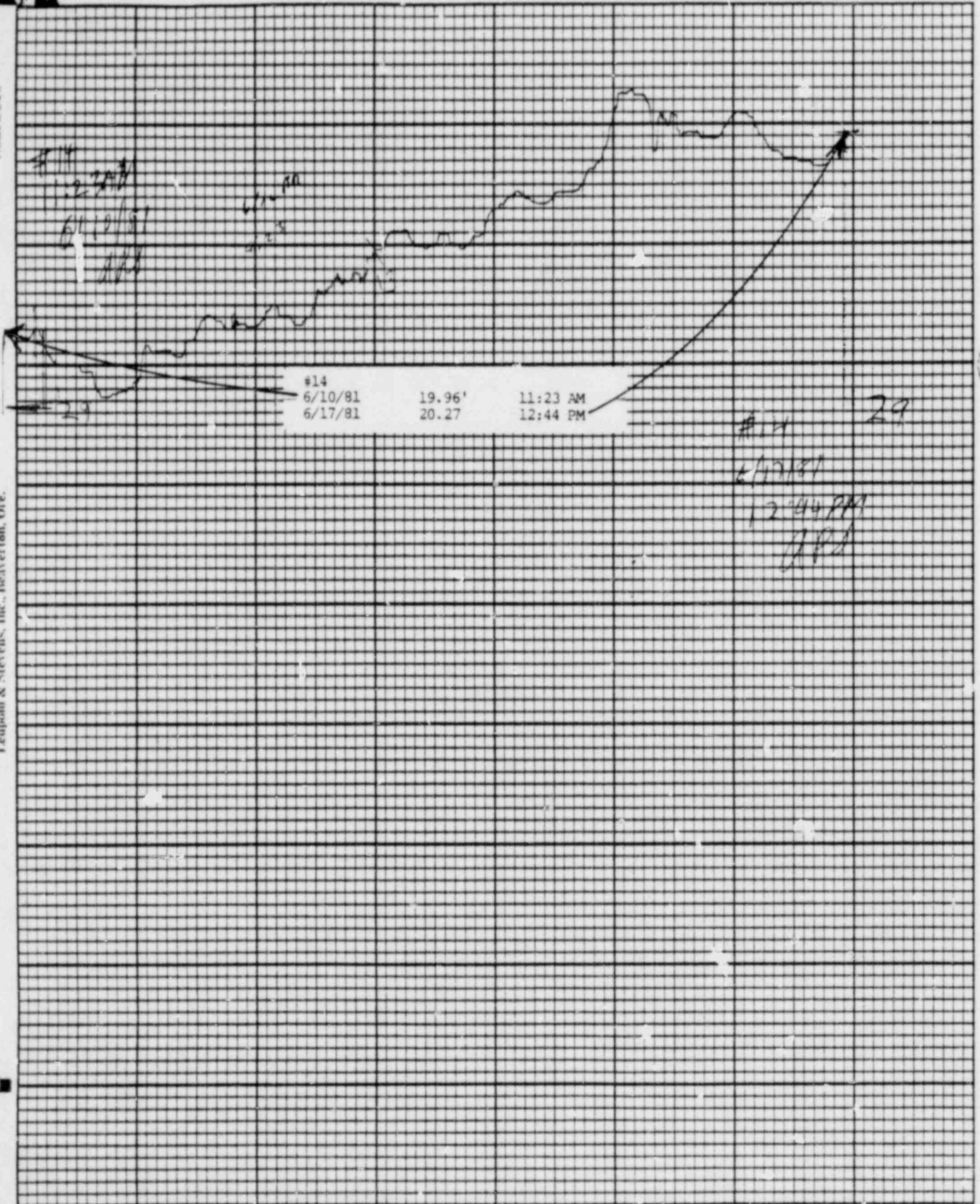
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Leupold & Stevens, Inc., Beaverton, Ore.

Chart F-1

Stevens Water Level Recorder — Type F

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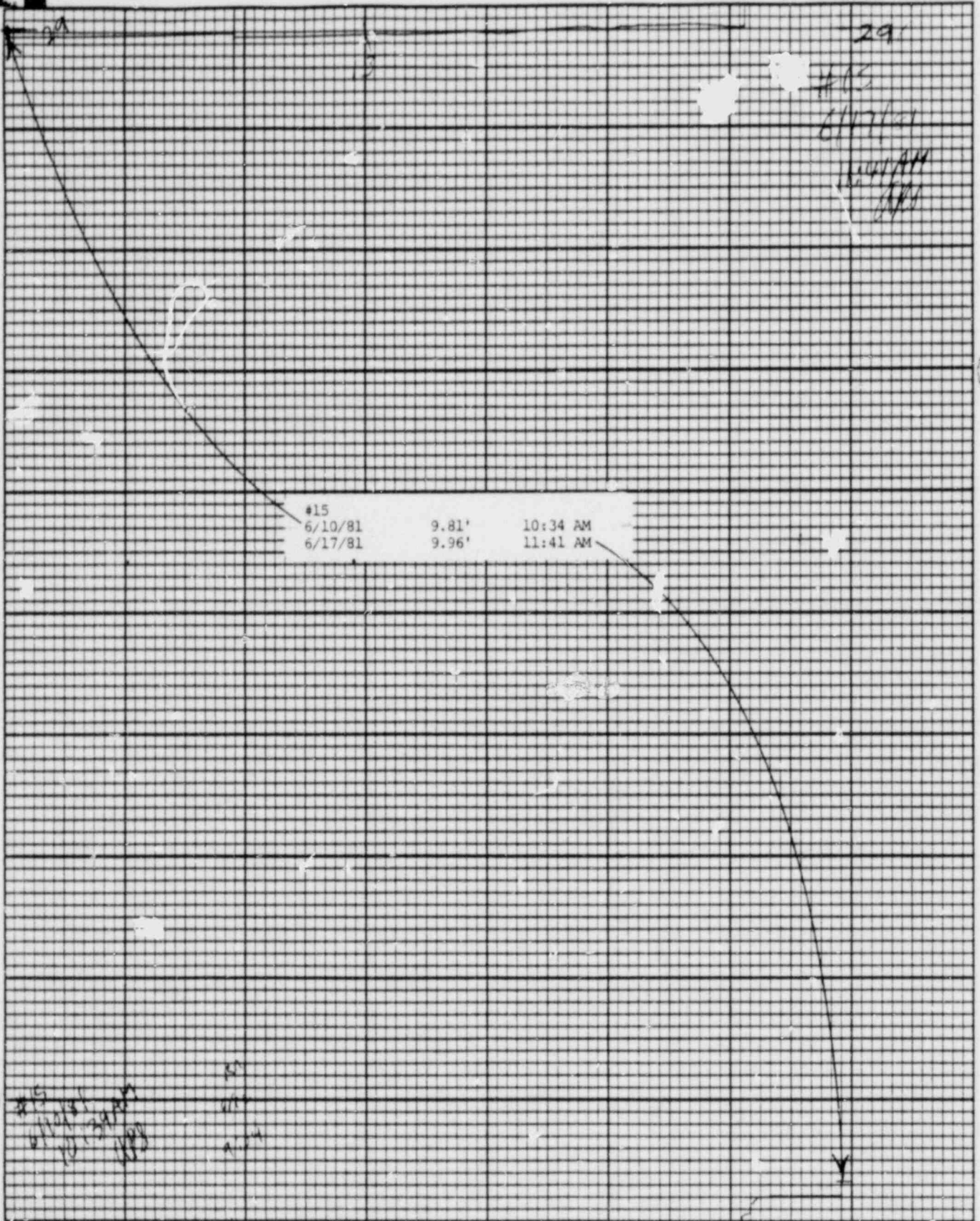
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Chart 21

Stevens Water Level Recorder — Type F

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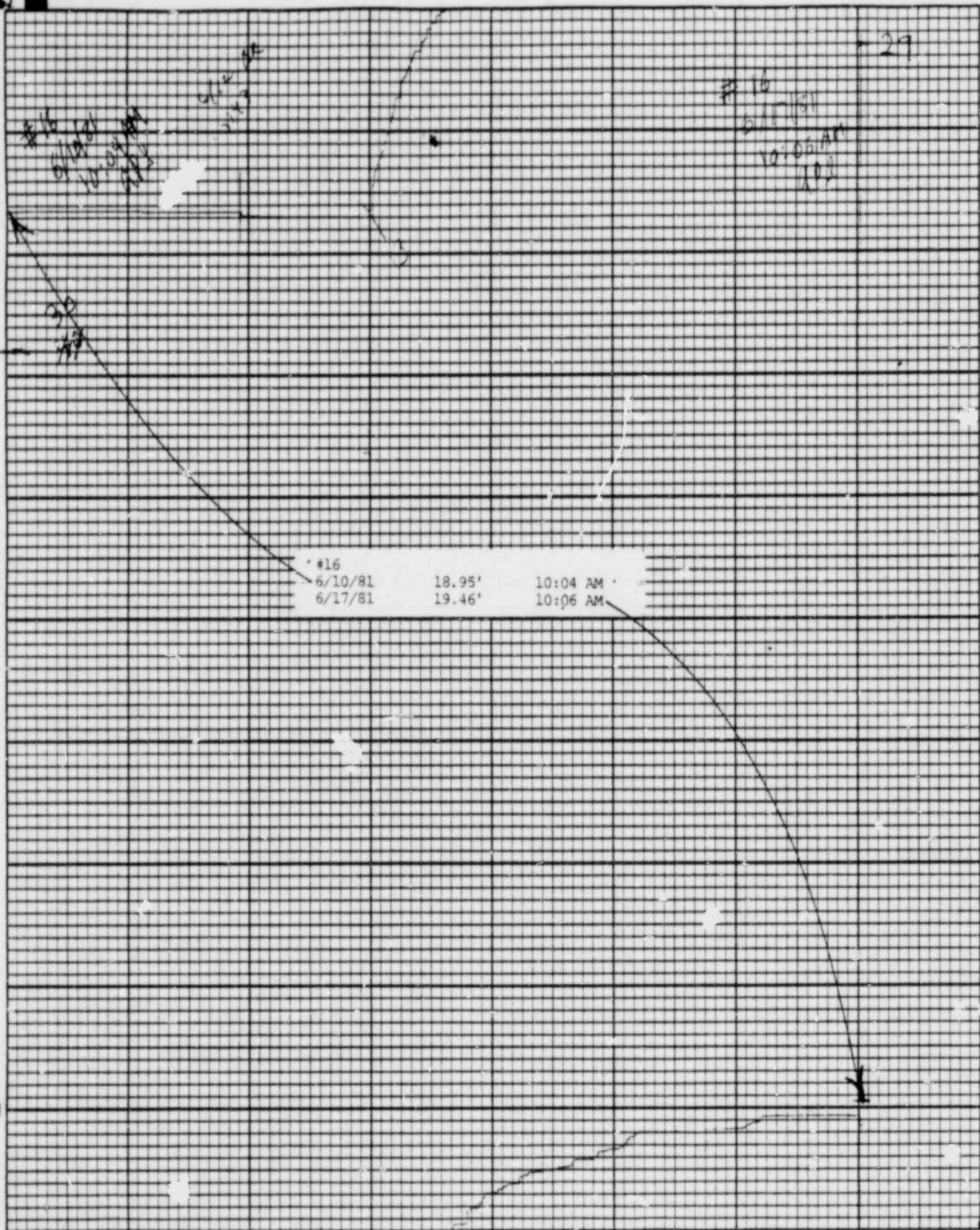
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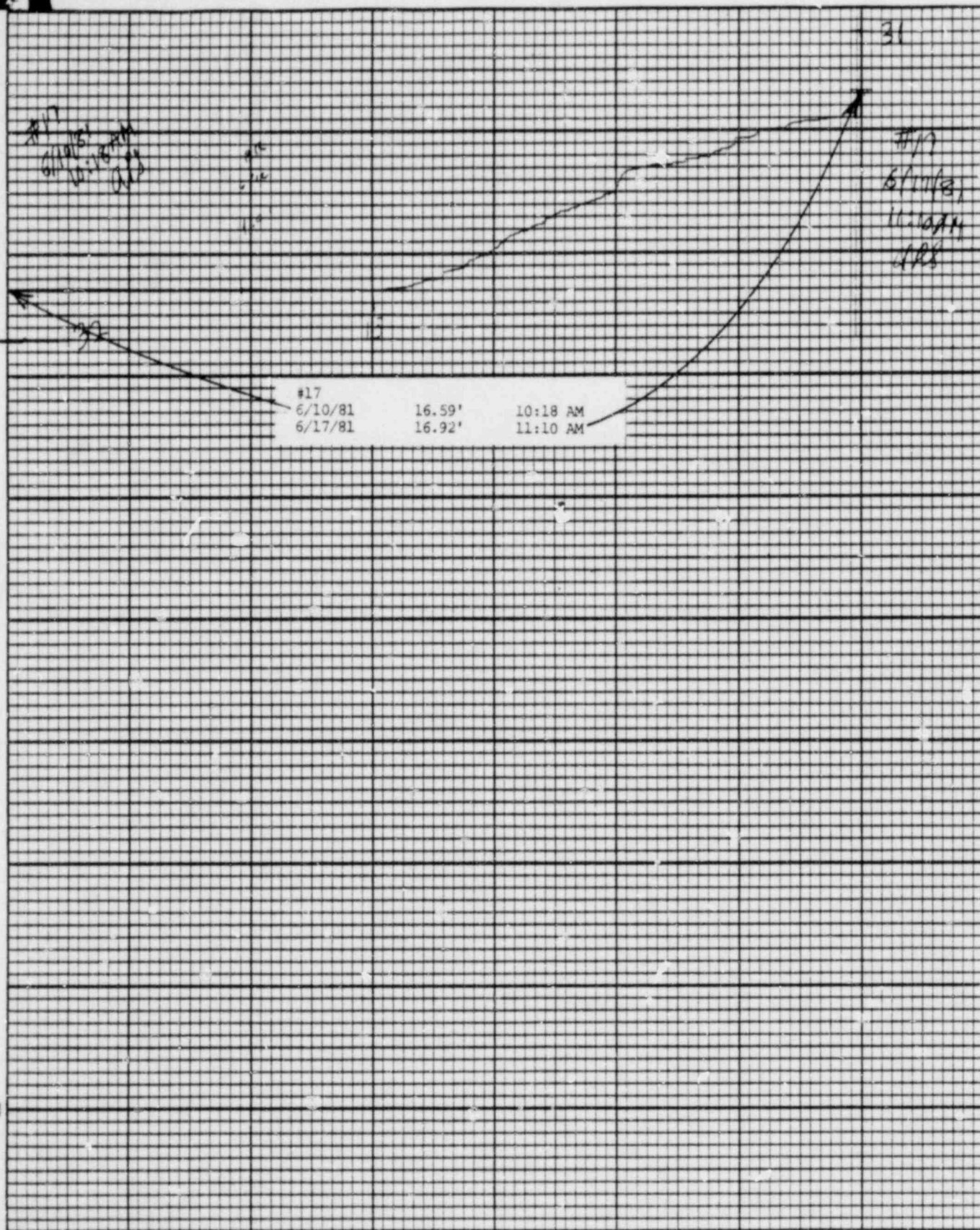
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Chart F-1

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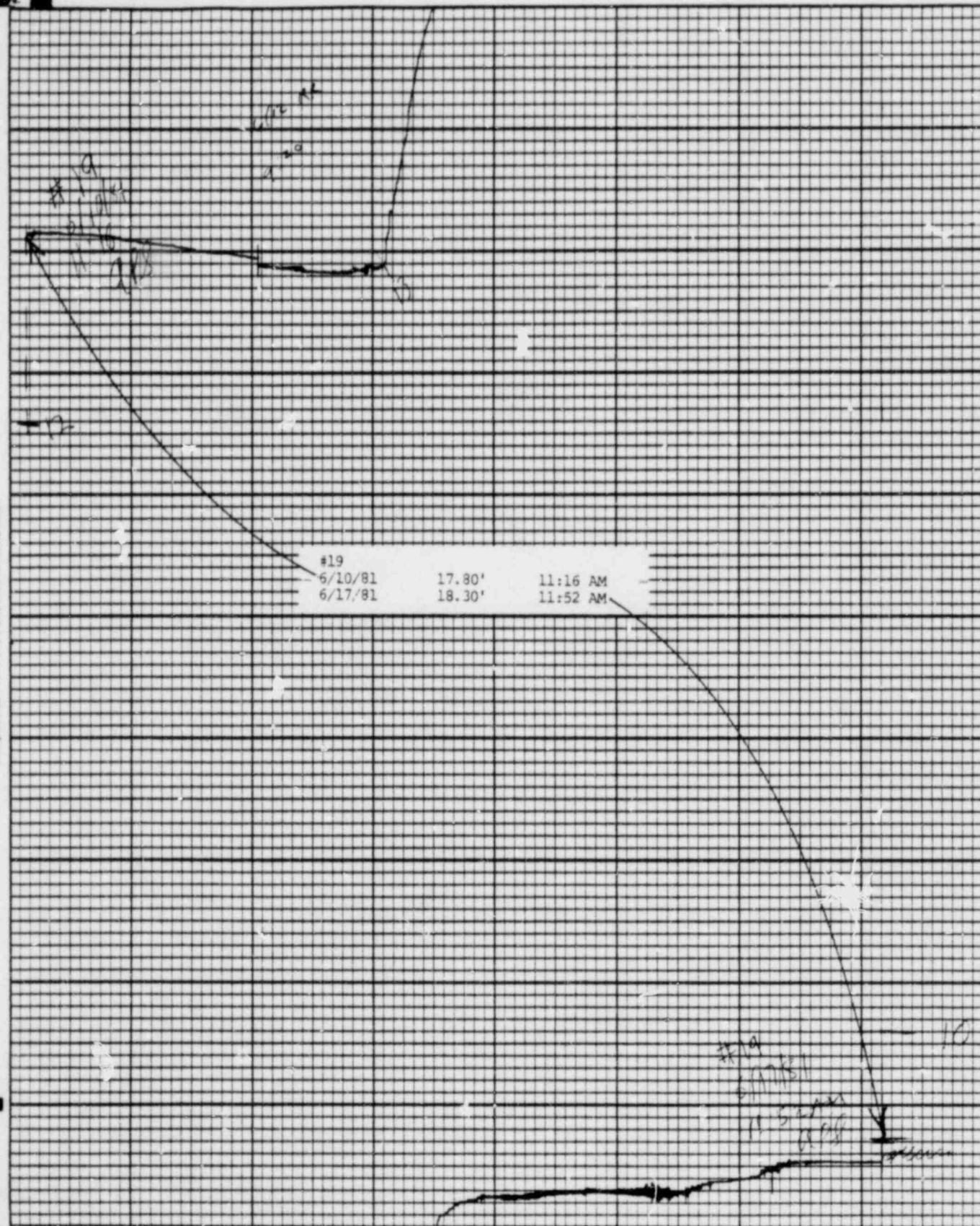
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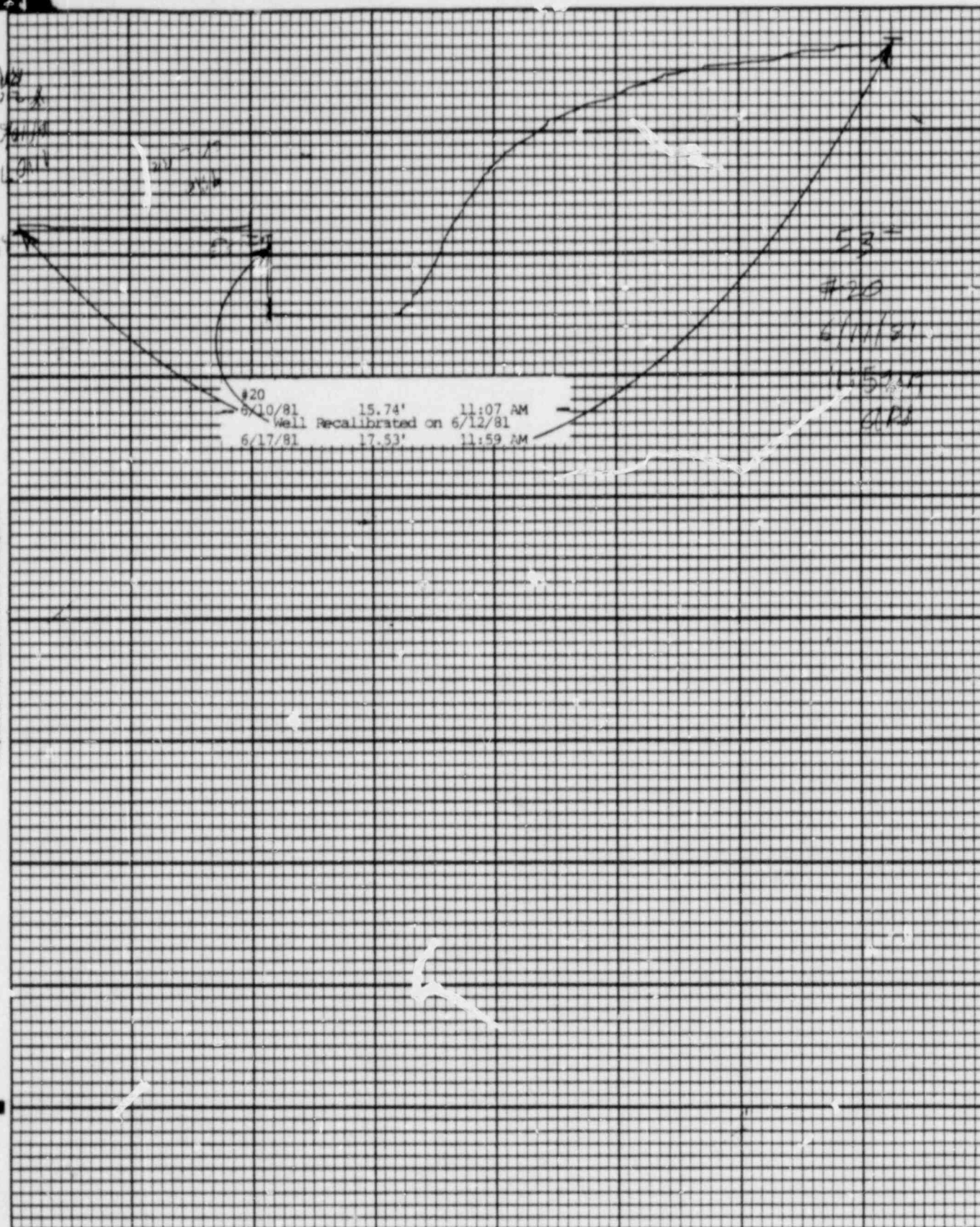
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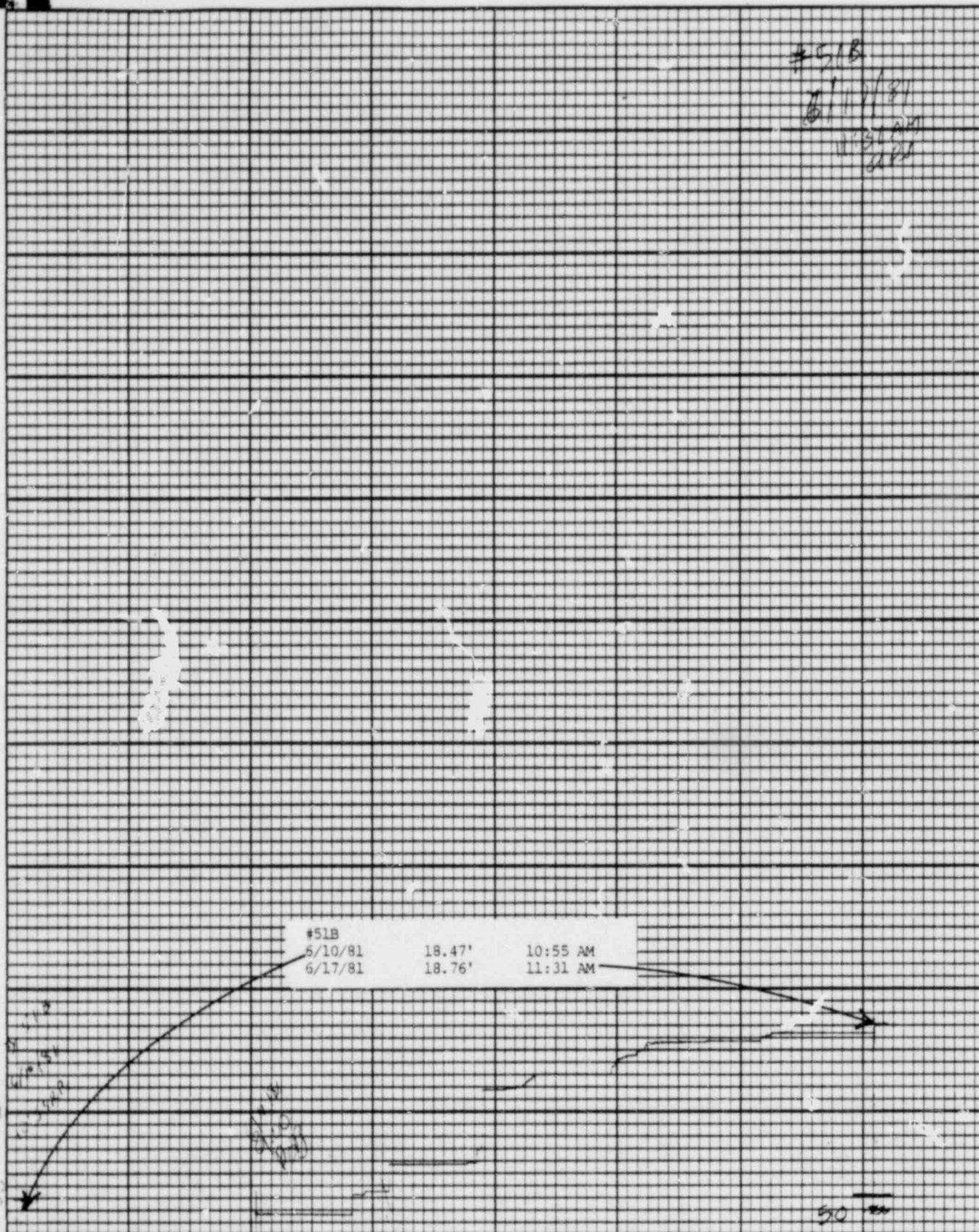
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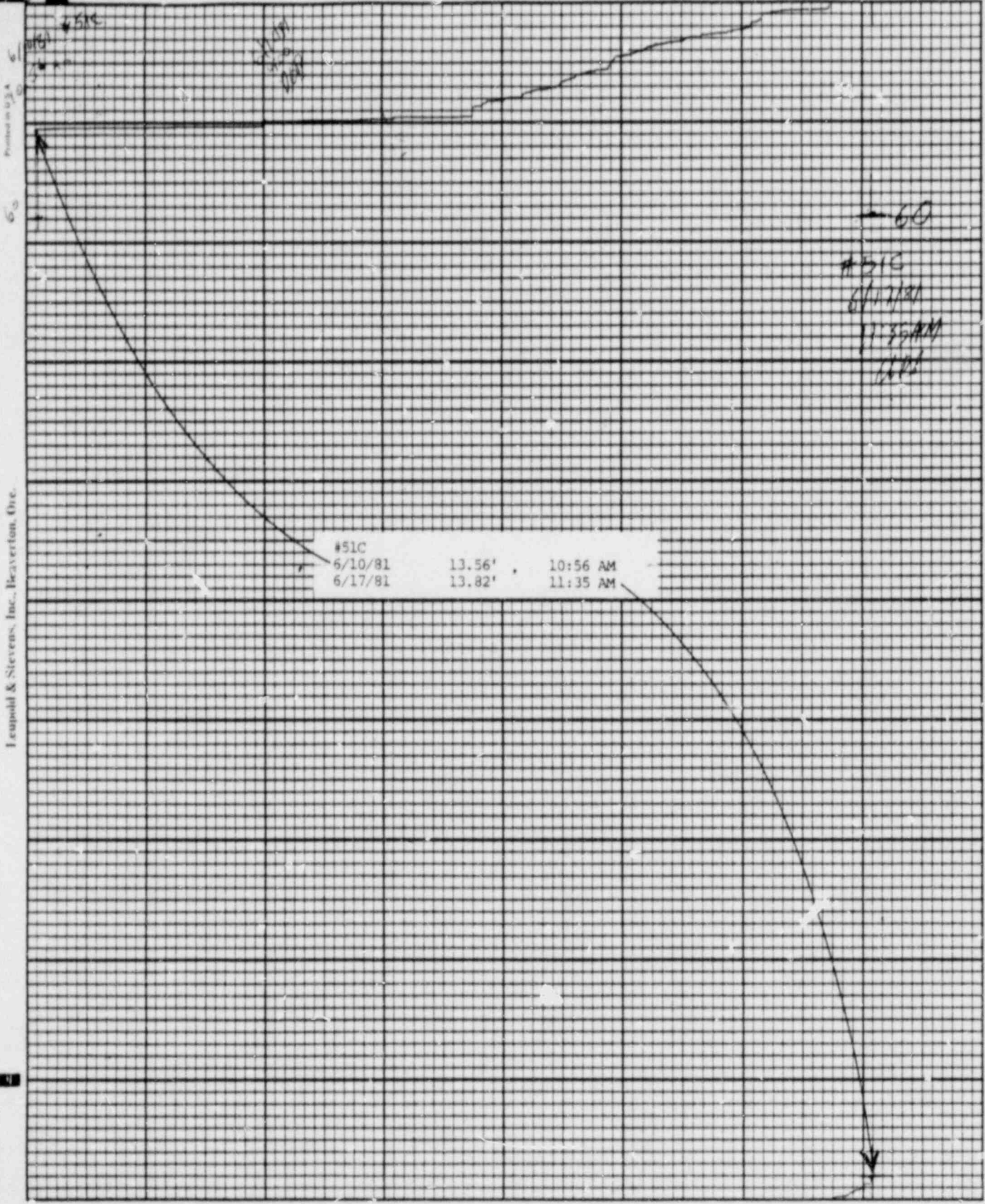
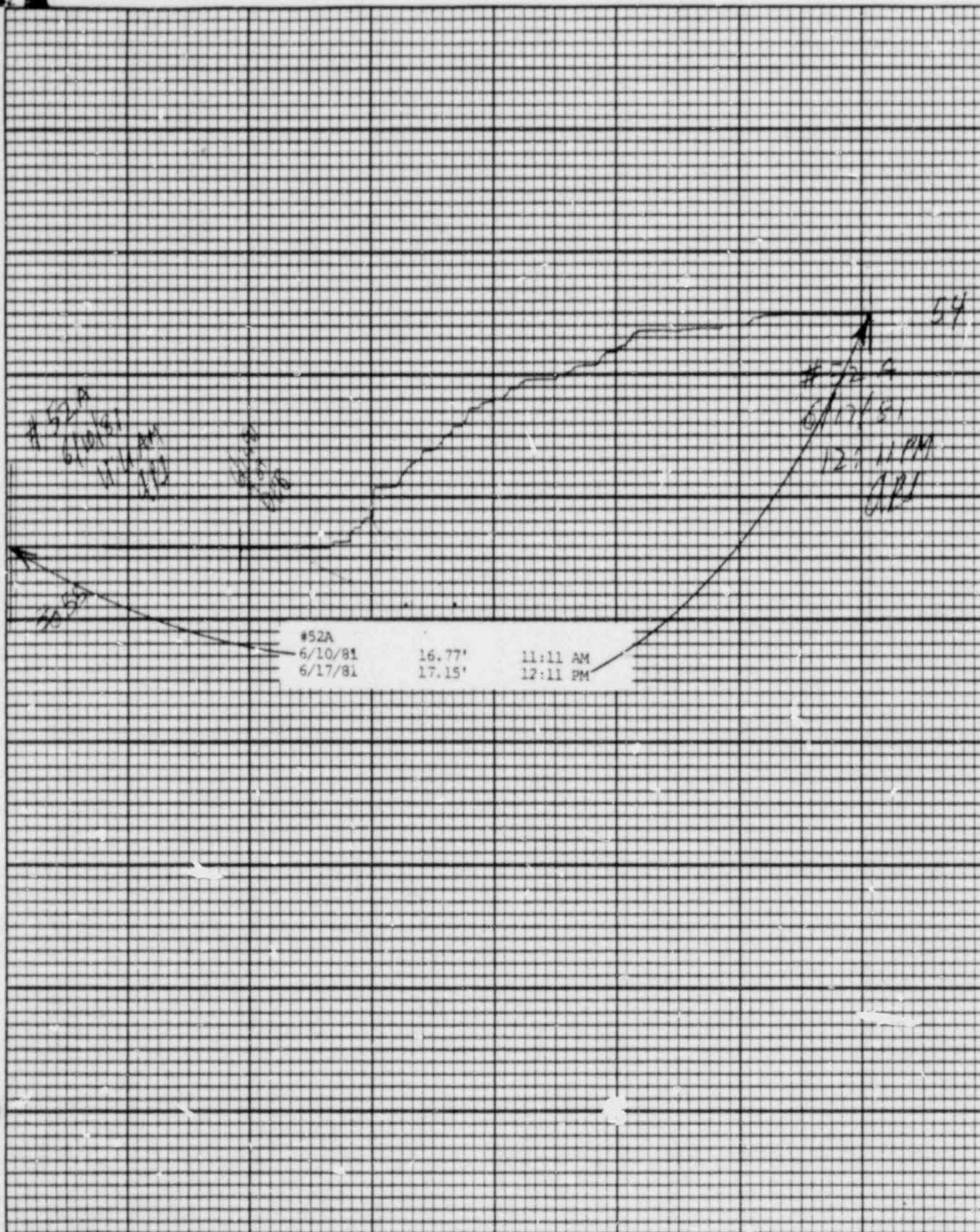


Chart F

Stevens Water Level Recorder — Type F

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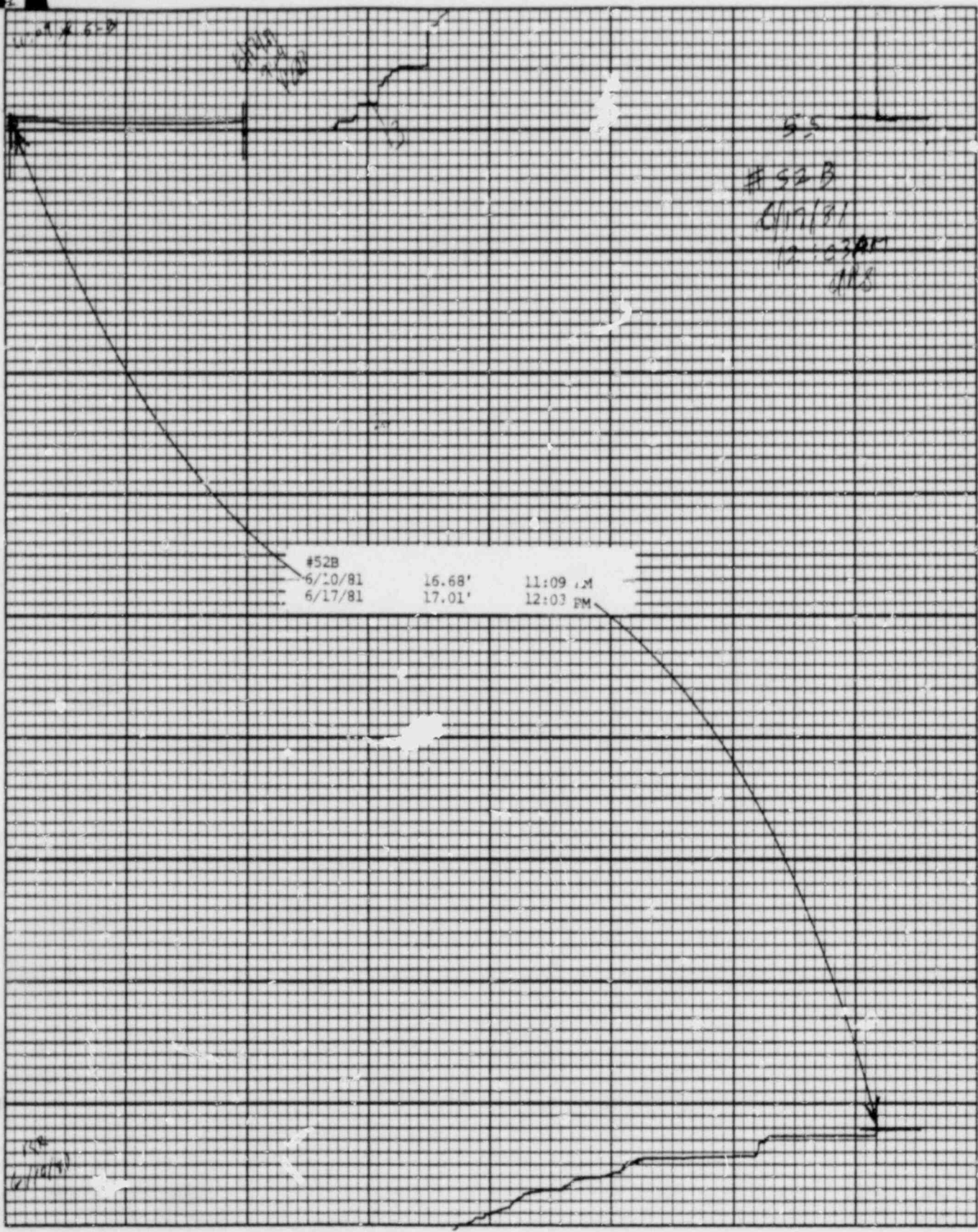
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Stevens Water Level Recorder — Type F



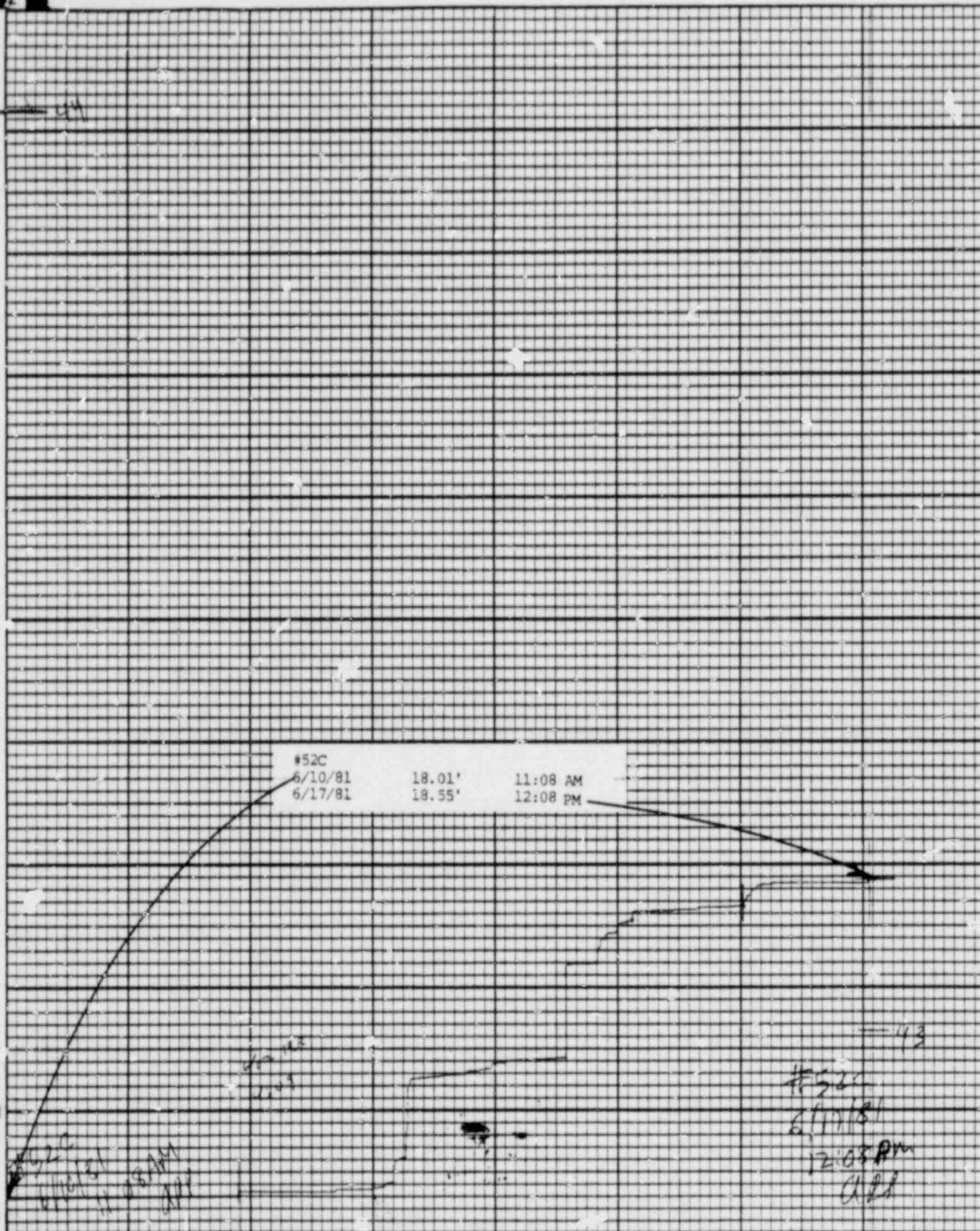
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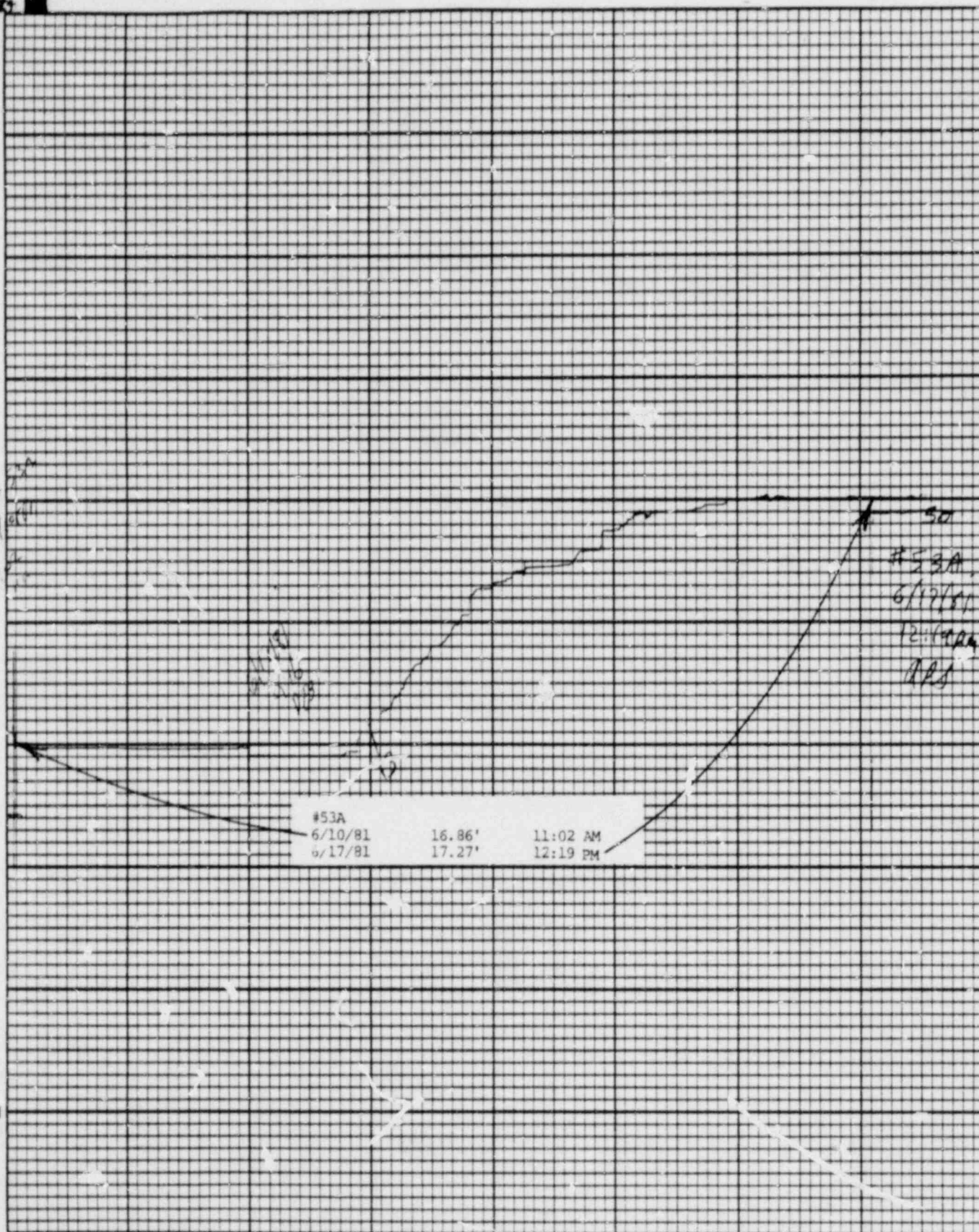
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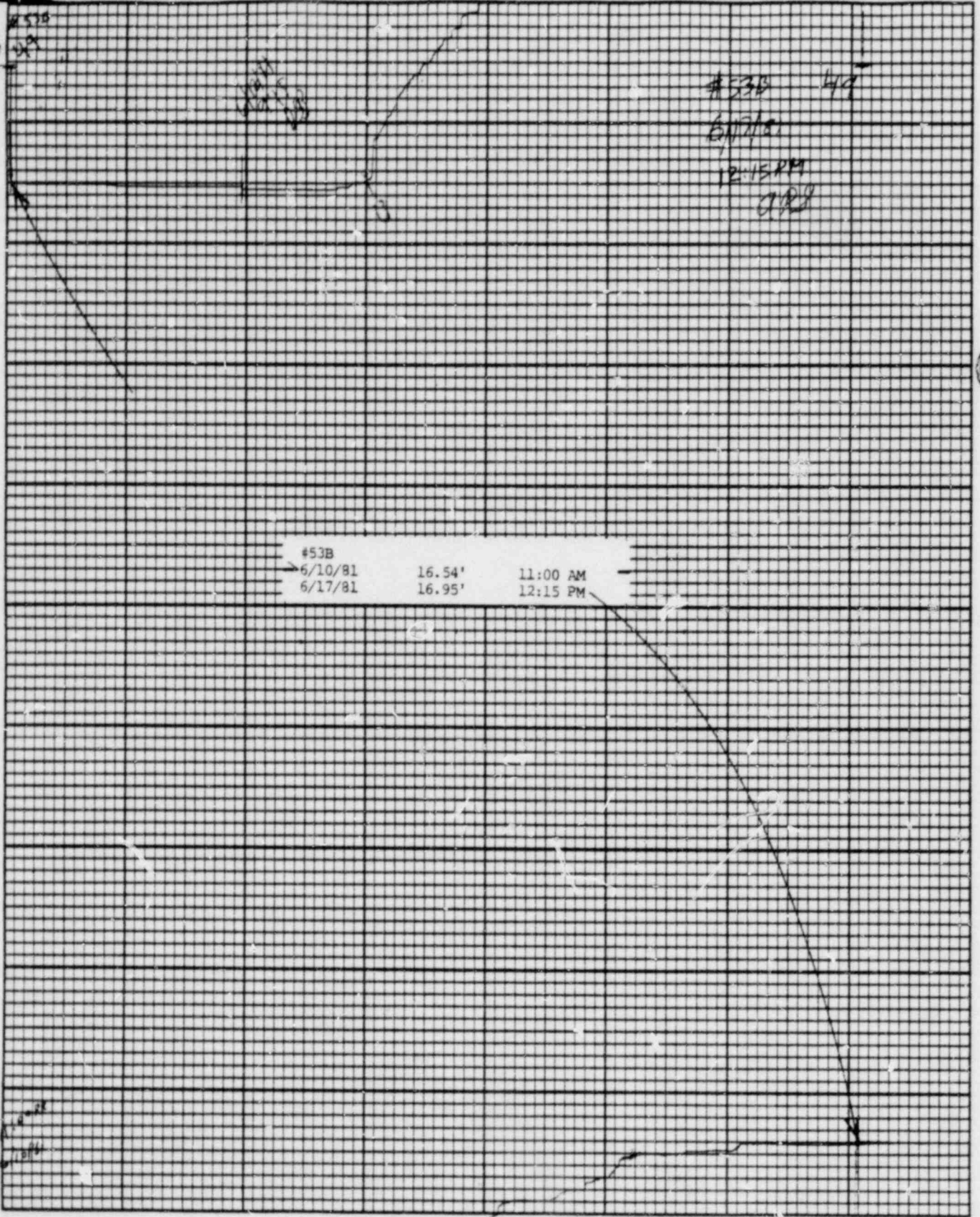
Stevens Wat. Level Recorder — Type F



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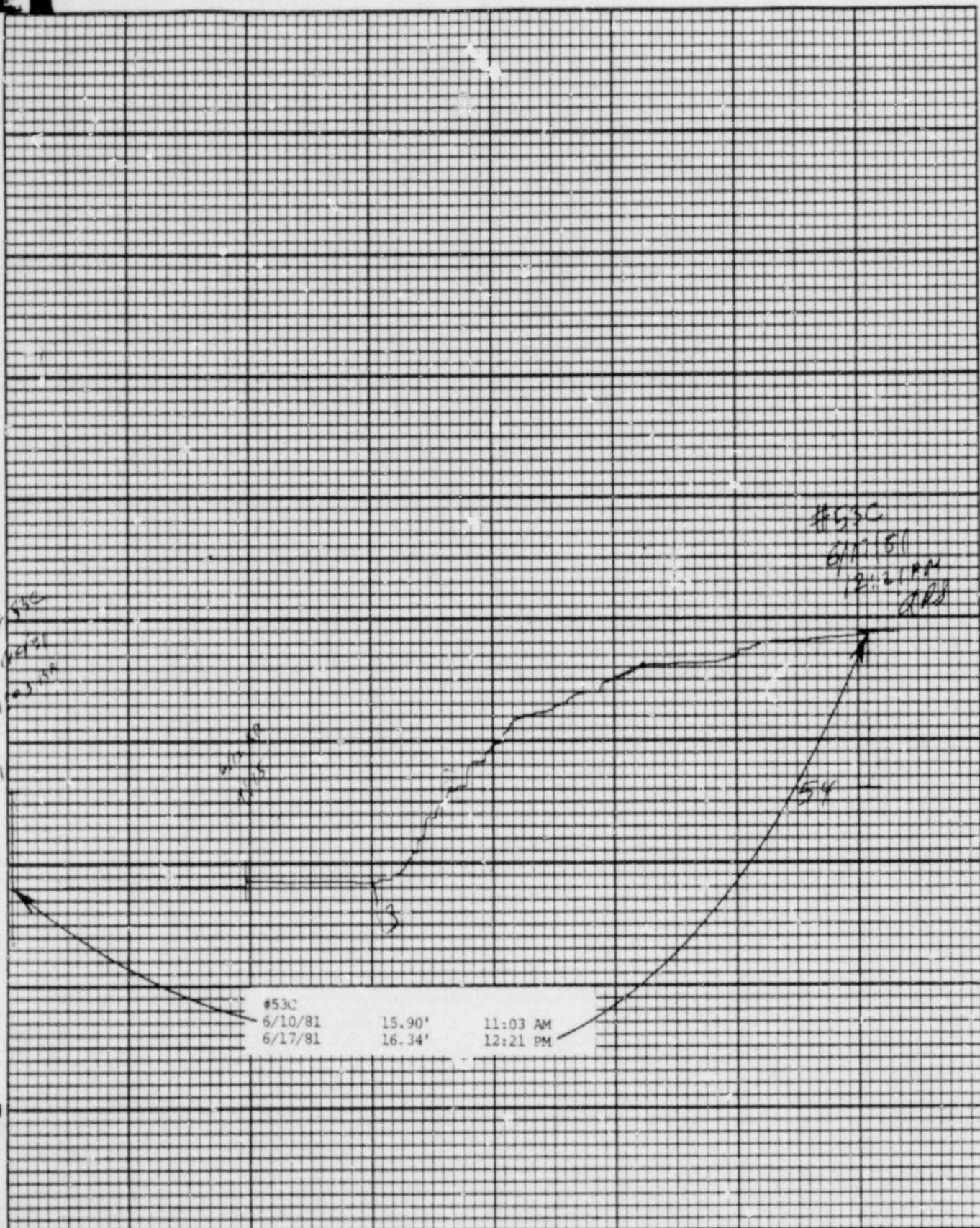
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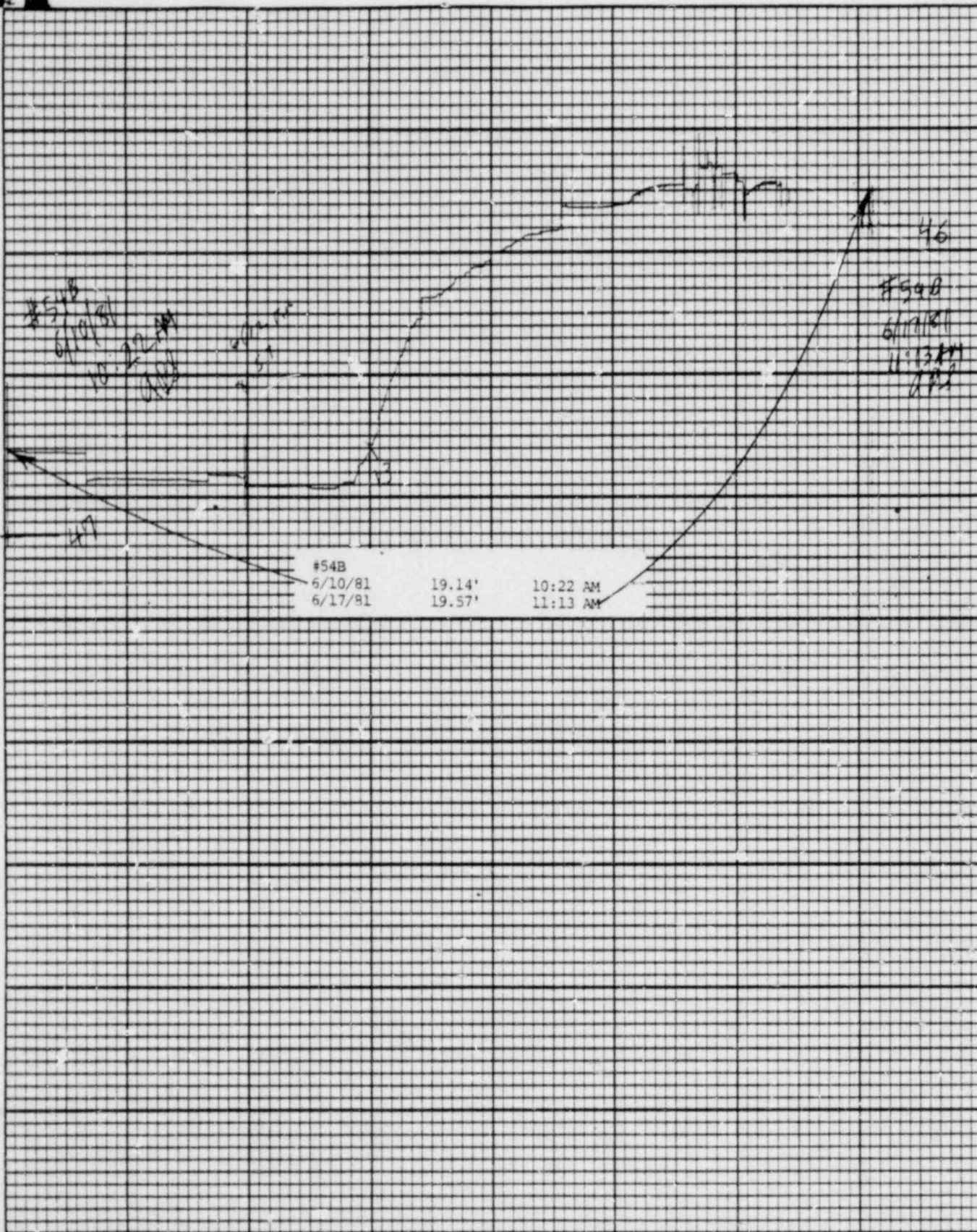
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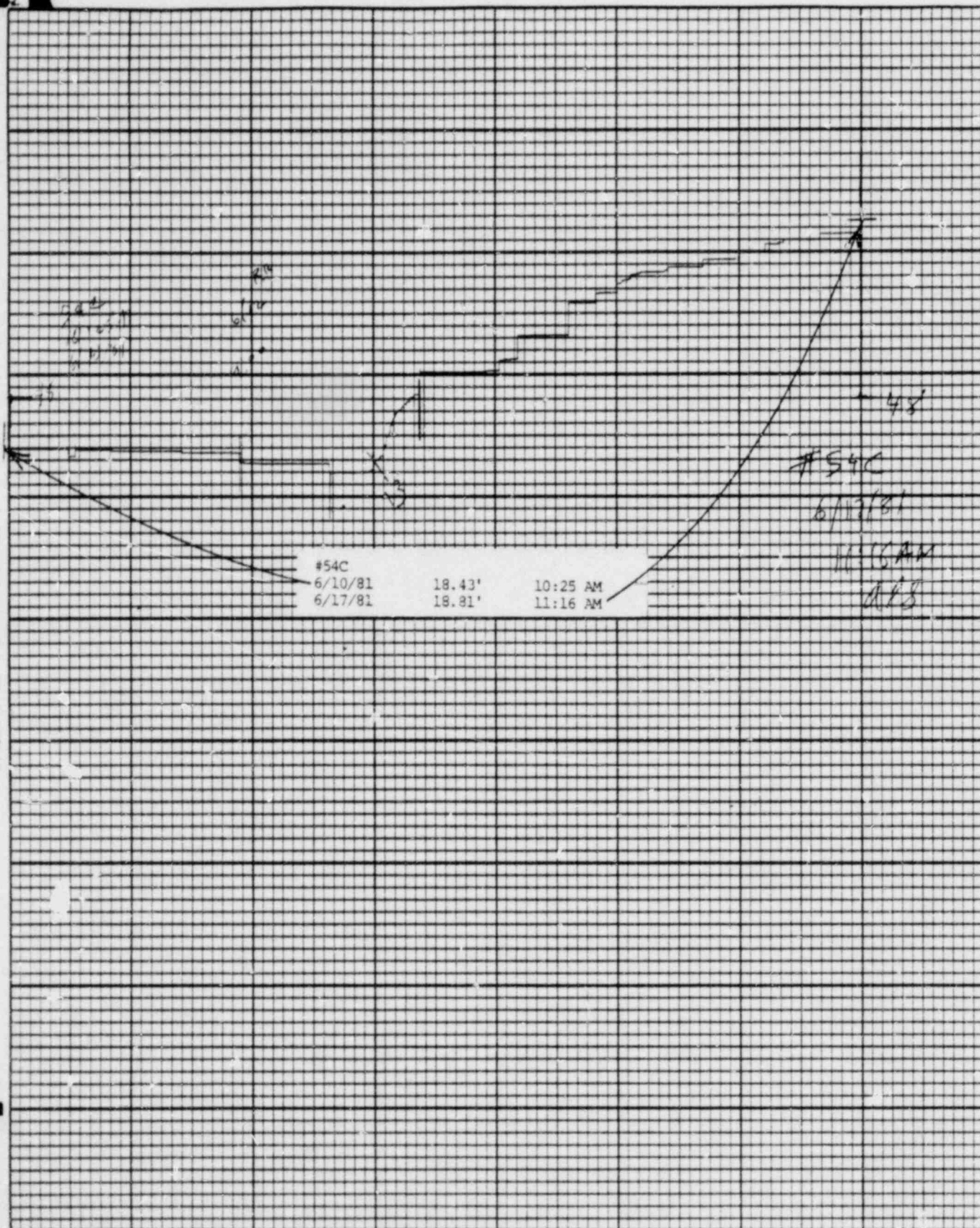
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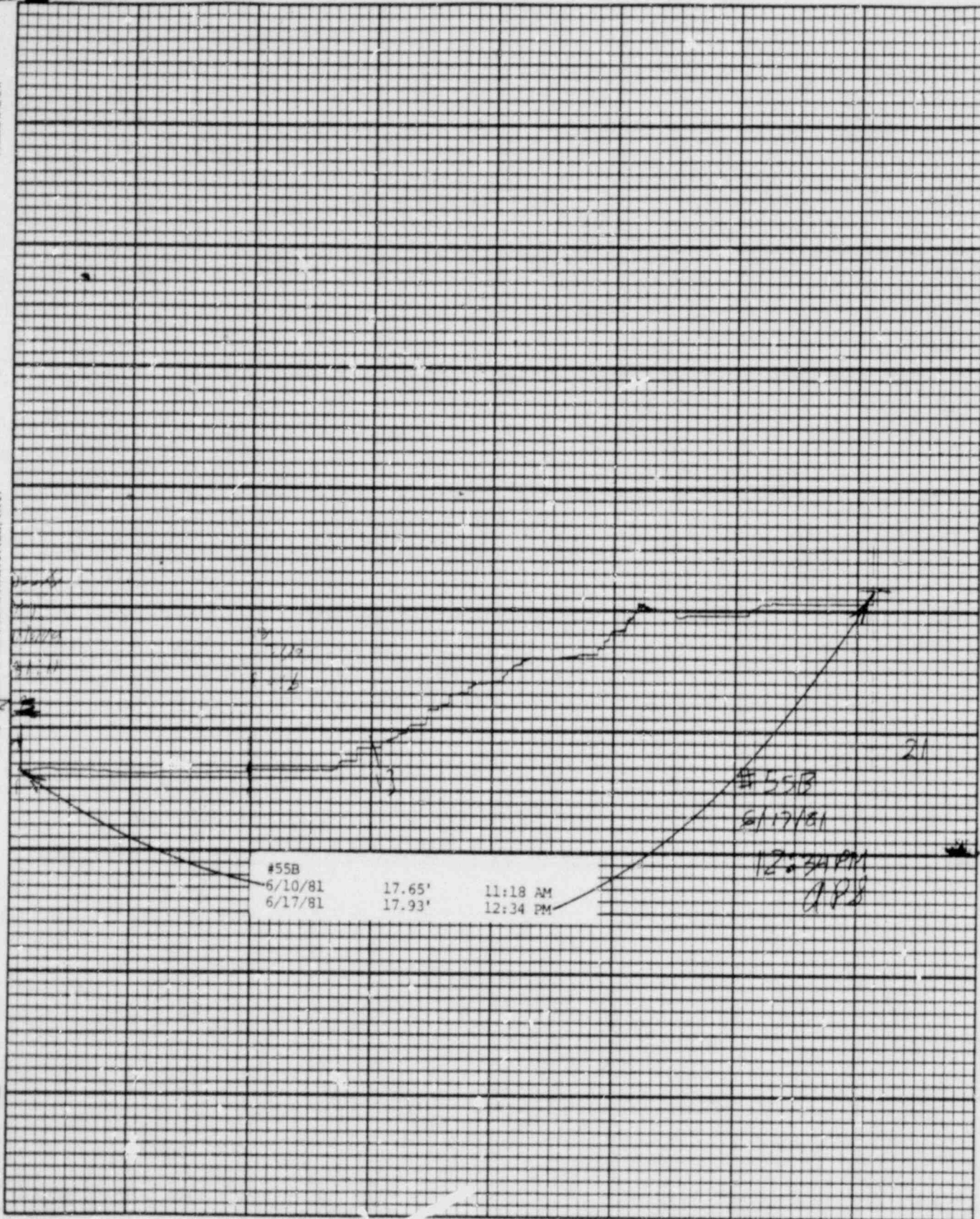
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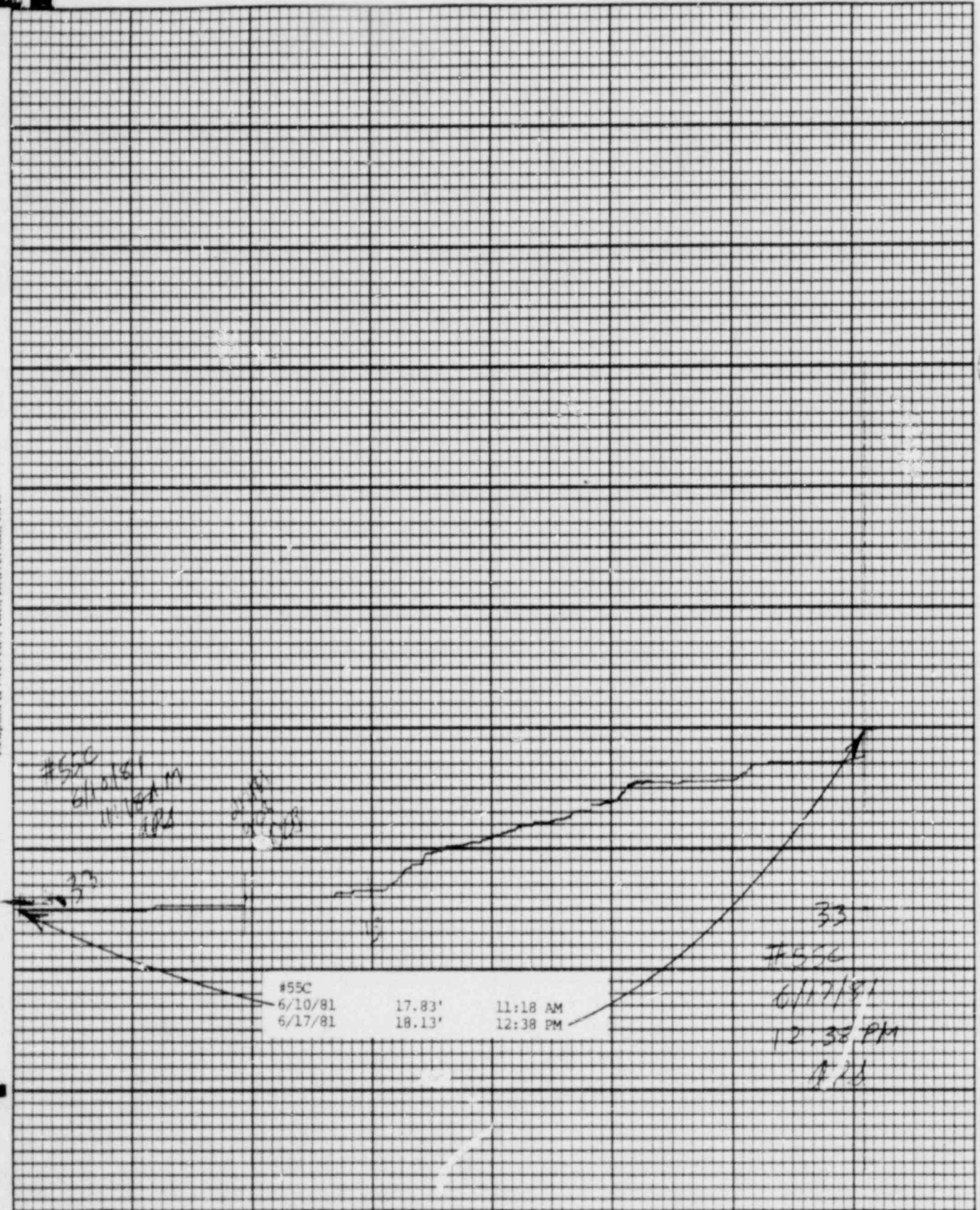
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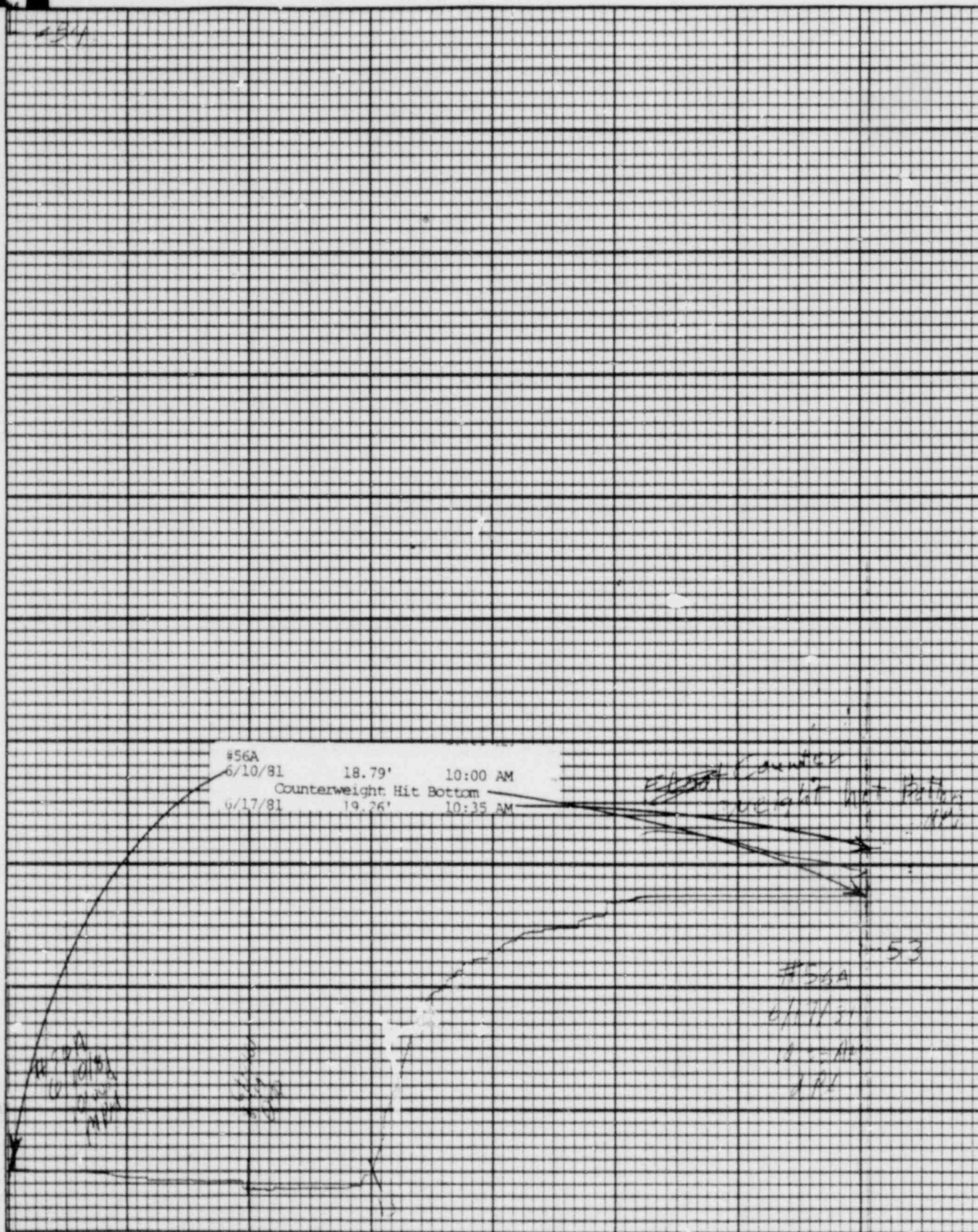
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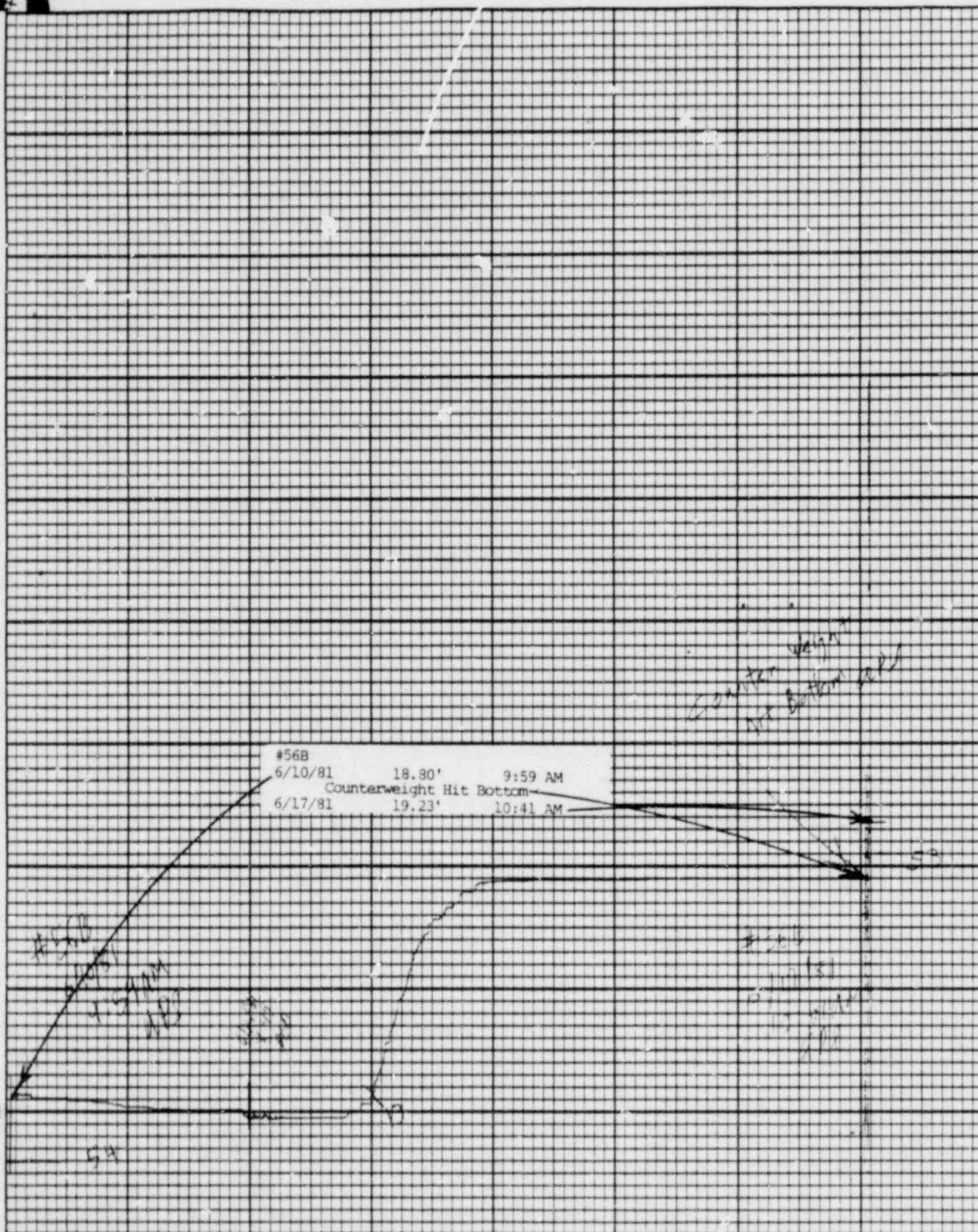
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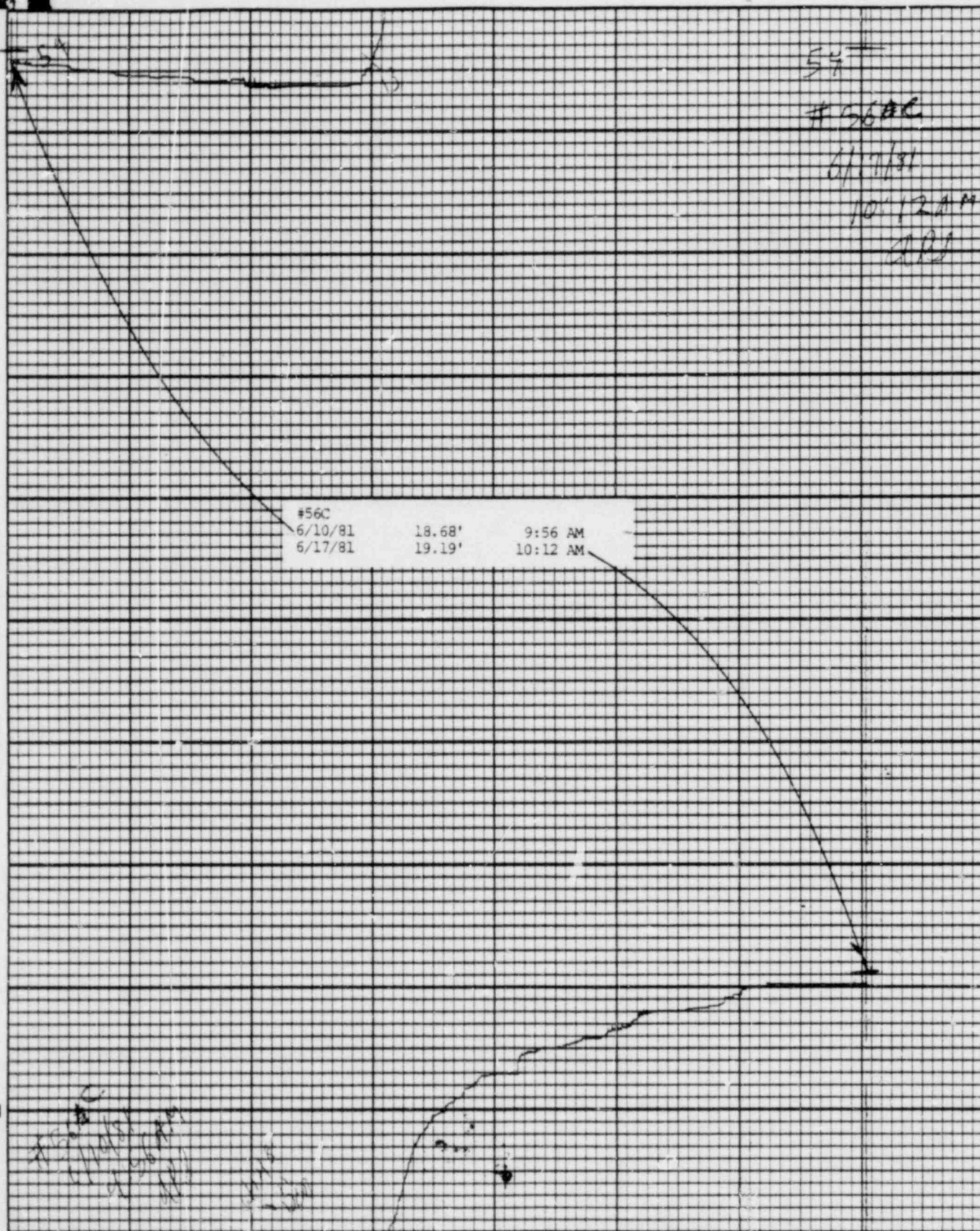
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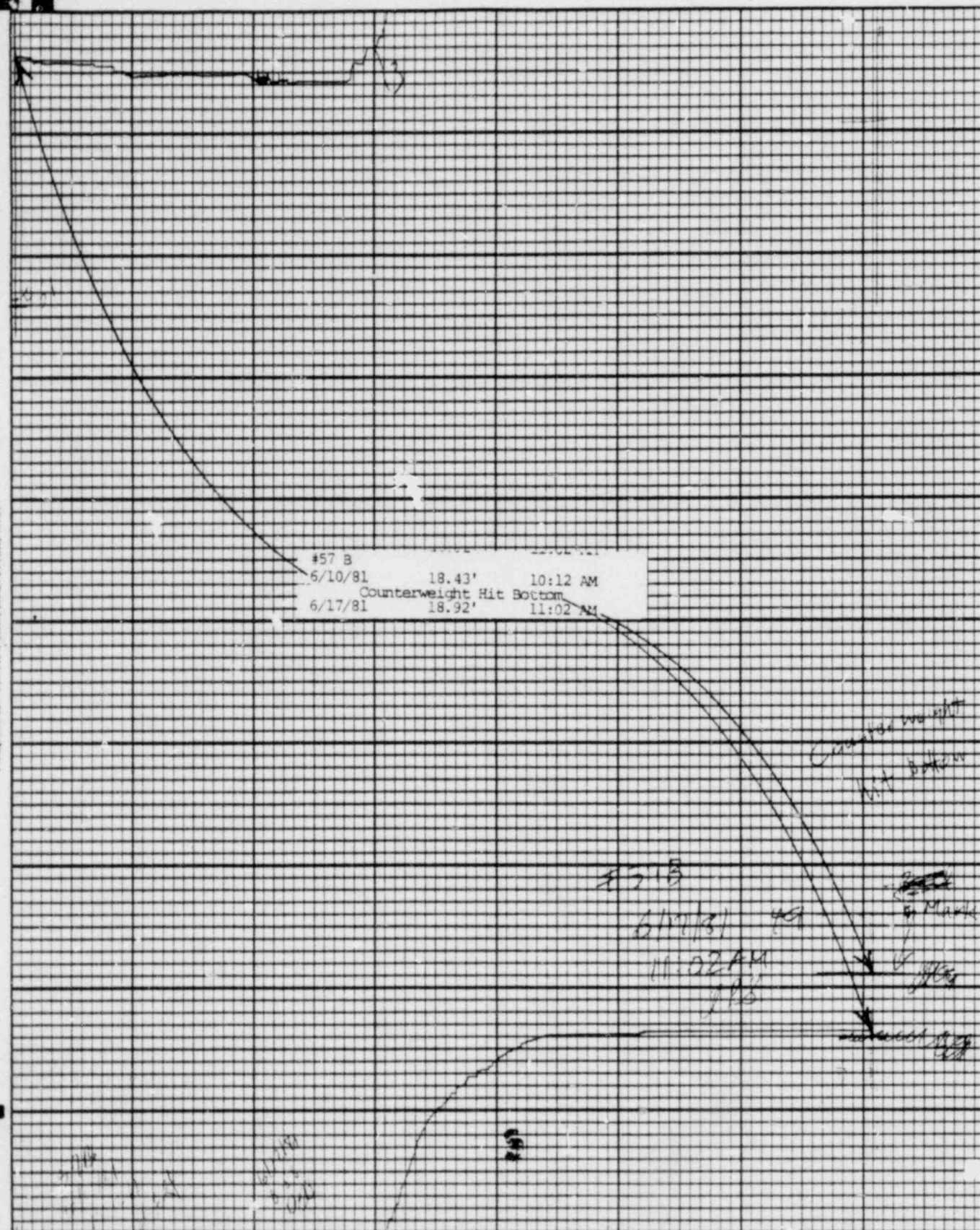
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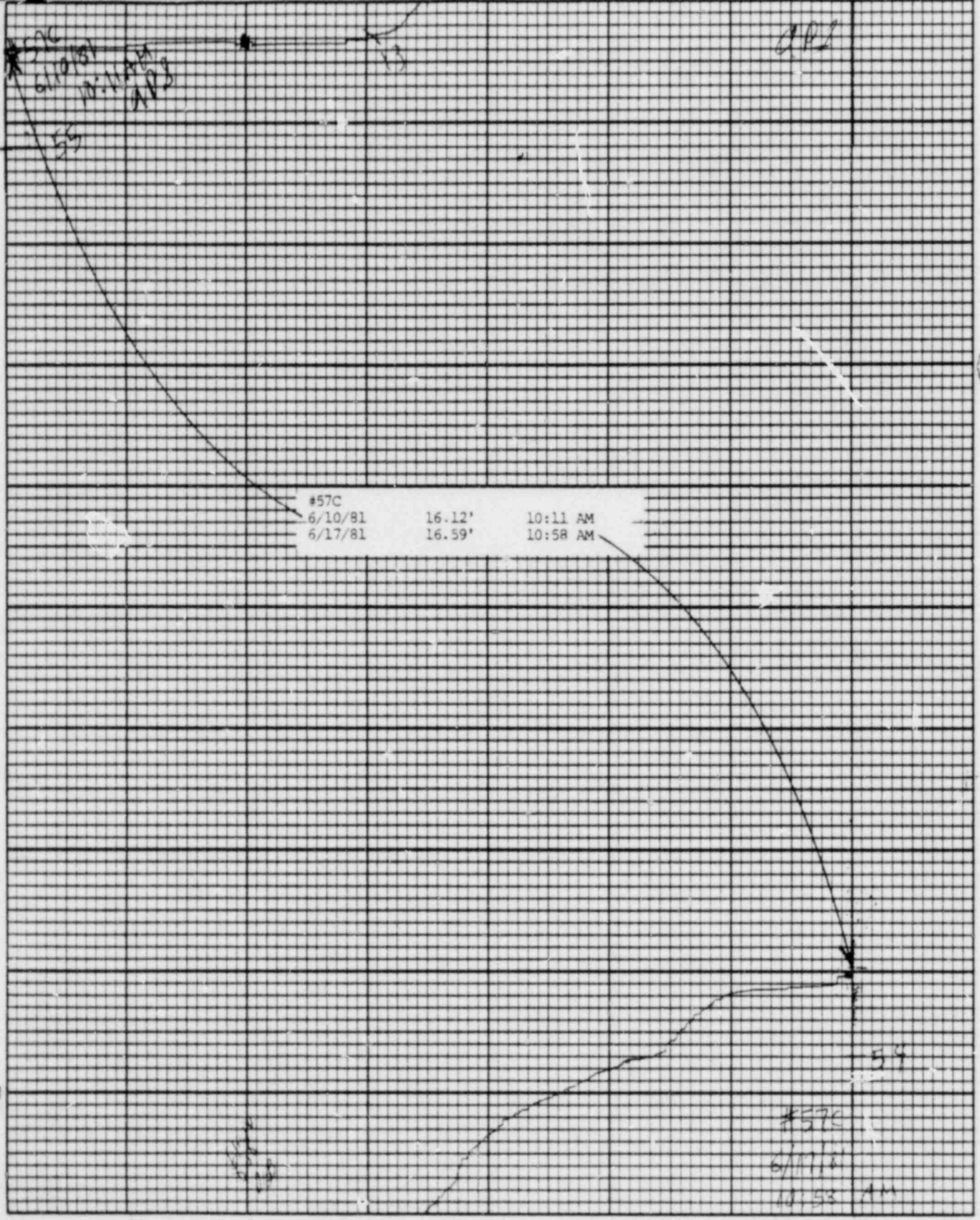
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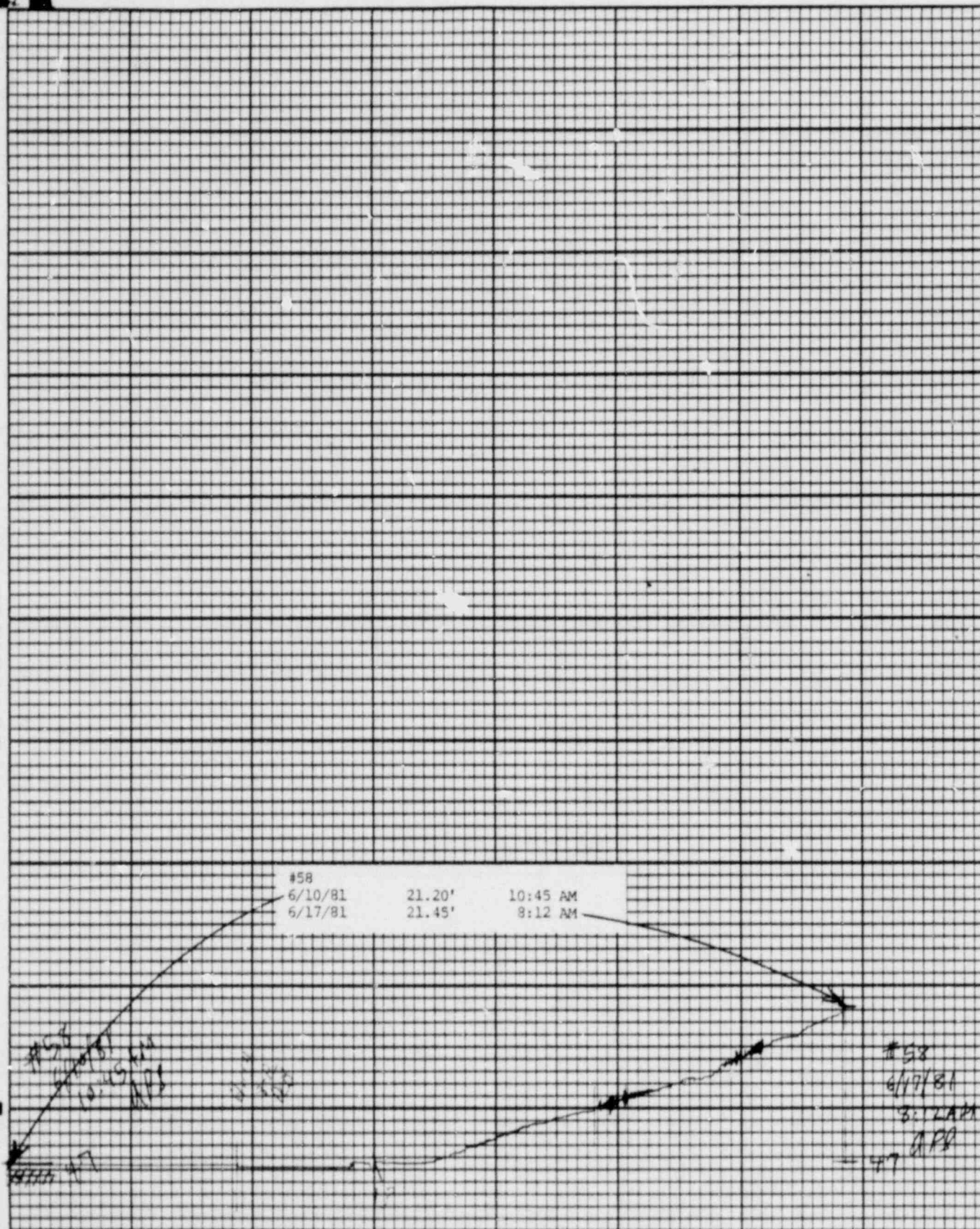
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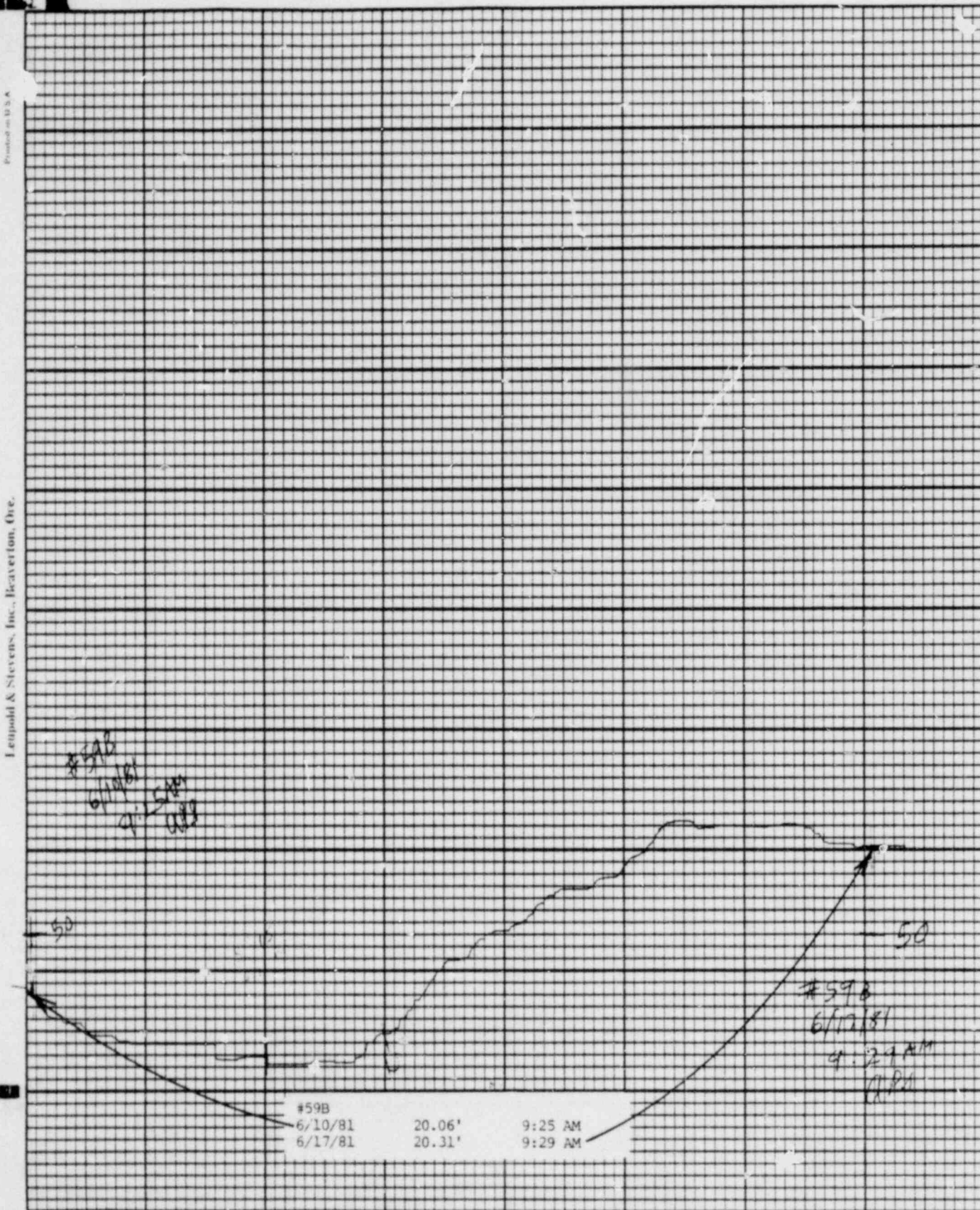
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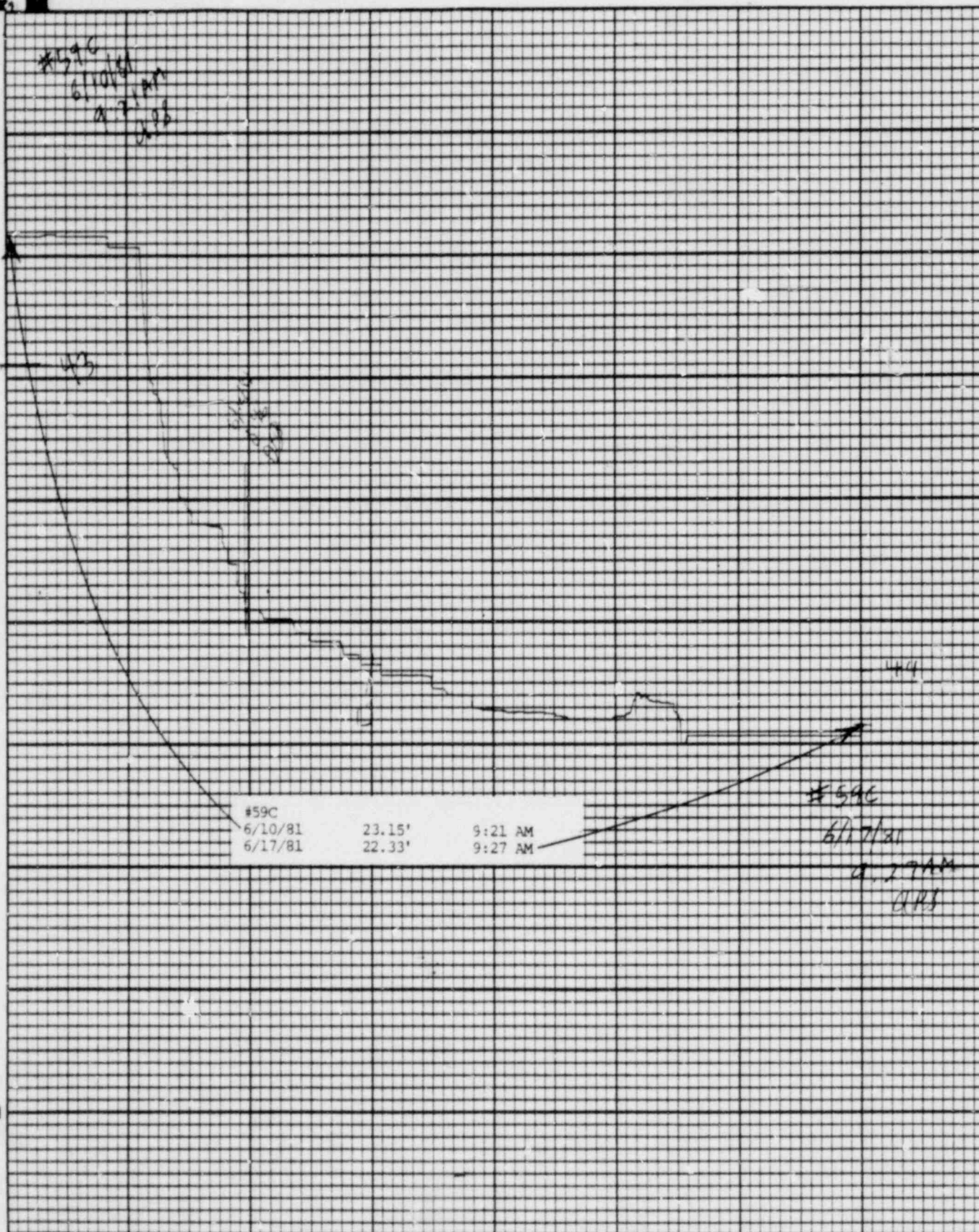
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