

# Interoffice Communication

To A. H. Sather

From Veldon E. Messick

Date October 11, 1979

Subject CONTINUOUS MONITORING SUMMARY FOR SEPTEMBER, 1979

Stream No. 1 2 3 4 5 6 7 8 9 10 % of Total

Laboratory Unit This unit out of order for approximately 2 1/2 days.

Range, PPM

.0 - 0.5

0.5 - 1.0

1.0 - 5.0

+ 5.0

% over 5

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 658  | 657  | 658  | 659  | 656  | 658  | 657  | 655  | 660  | 658  | 99.6 |
| 1    | 2    | 1    | 1    | 3    | 2    | 1    | 4    | 0    | 2    | 0.3  |
| 1    | 1    | 1    | 0    | 1    | 0    | 2    | 1    | 0    | 0    | 0.1  |
| 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.0  |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -    |

## New Large Reactor Area

Range, PPM

.0 - 0.5

0.5 - 1.0

1.0 - 5.0

+ 5.0

% over 5

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 714  | 679  | 708  | 716  | 712  | 715  | 711  | 716  | 699  | 704  | 98.3 |
| 2    | 14   | 7    | 2    | 6    | 1    | 5    | 1    | 15   | 4    | 0.8  |
| 4    | 21   | 3    | 2    | 2    | 4    | 4    | 3    | 5    | 10   | 0.8  |
| 0    | 6    | 2    | 0    | 0    | 0    | 0    | 0    | 1    | 2    | 0.2  |
| 0.00 | 0.83 | 0.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.28 | -    |

## Old Large Reactor Area

Range, PPM

.0 - 0.5

0.5 - 1.0

1.0 - 5.0

+ 5.0

% over 5

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 602  | 580  | 562  | 603  | 592  | 616  | 582  | 492  | 605  | 350  | 77.6 |
| 40   | 53   | 44   | 34   | 67   | 33   | 46   | 62   | 28   | 69   | 6.6  |
| 75   | 84   | 108  | 83   | 61   | 65   | 82   | 139  | 78   | 249  | 14.2 |
| 3    | 2    | 6    | 0    | 0    | 6    | 10   | 27   | 9    | 52   | 1.6  |
| 0.42 | 0.28 | 0.83 | 0.00 | 0.00 | 0.83 | 1.39 | 3.75 | 1.25 | 7.22 | -    |

## Tank Farm Area

Range, PPM

.0 - 0.5

0.5 - 1.0

1.0 - 5.0

+ 5.0

% over 5

|      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|
| 696  | 602  | 675  | 715  | 710  | 649  | 716  | 716  | 718  | 717  | 96.0 |
| 9    | 30   | 15   | 3    | 5    | 15   | 2    | 2    | 0    | 3    | 1.2  |
| 15   | 85   | 21   | 2    | 5    | 43   | 2    | 2    | 2    | 0    | 2.5  |
| 0    | 3    | 9    | 0    | 0    | 13   | 0    | 0    | 0    | 0    | 0.3  |
| 0.00 | 0.42 | 1.25 | 0.00 | 0.00 | 1.81 | 0.00 | 0.00 | 0.00 | 0.00 | -    |

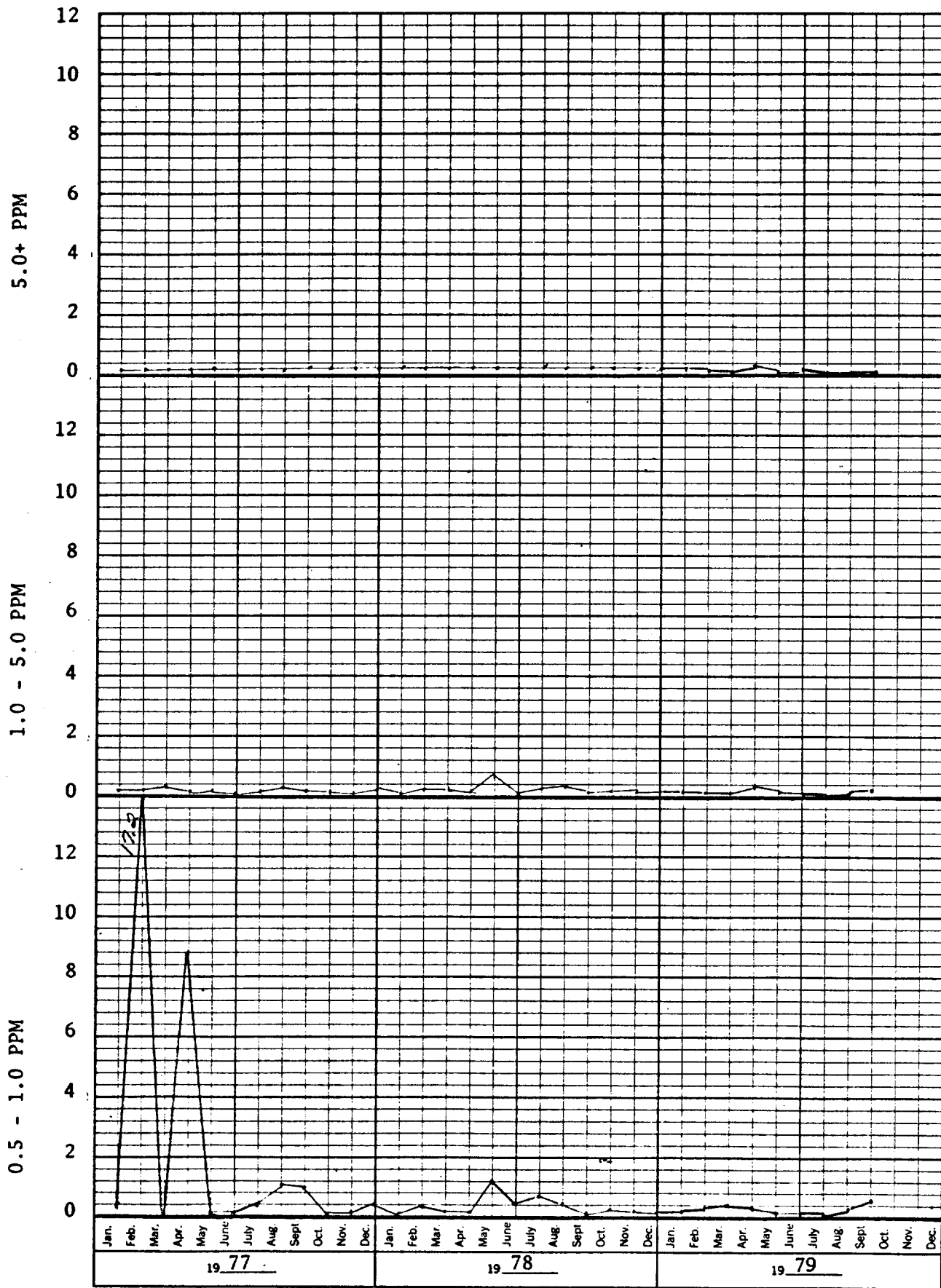
Veldon E. Messick

c: CLM, RAF, RBM, SJV, JRMc, CRM, JVU, DAK, ODS

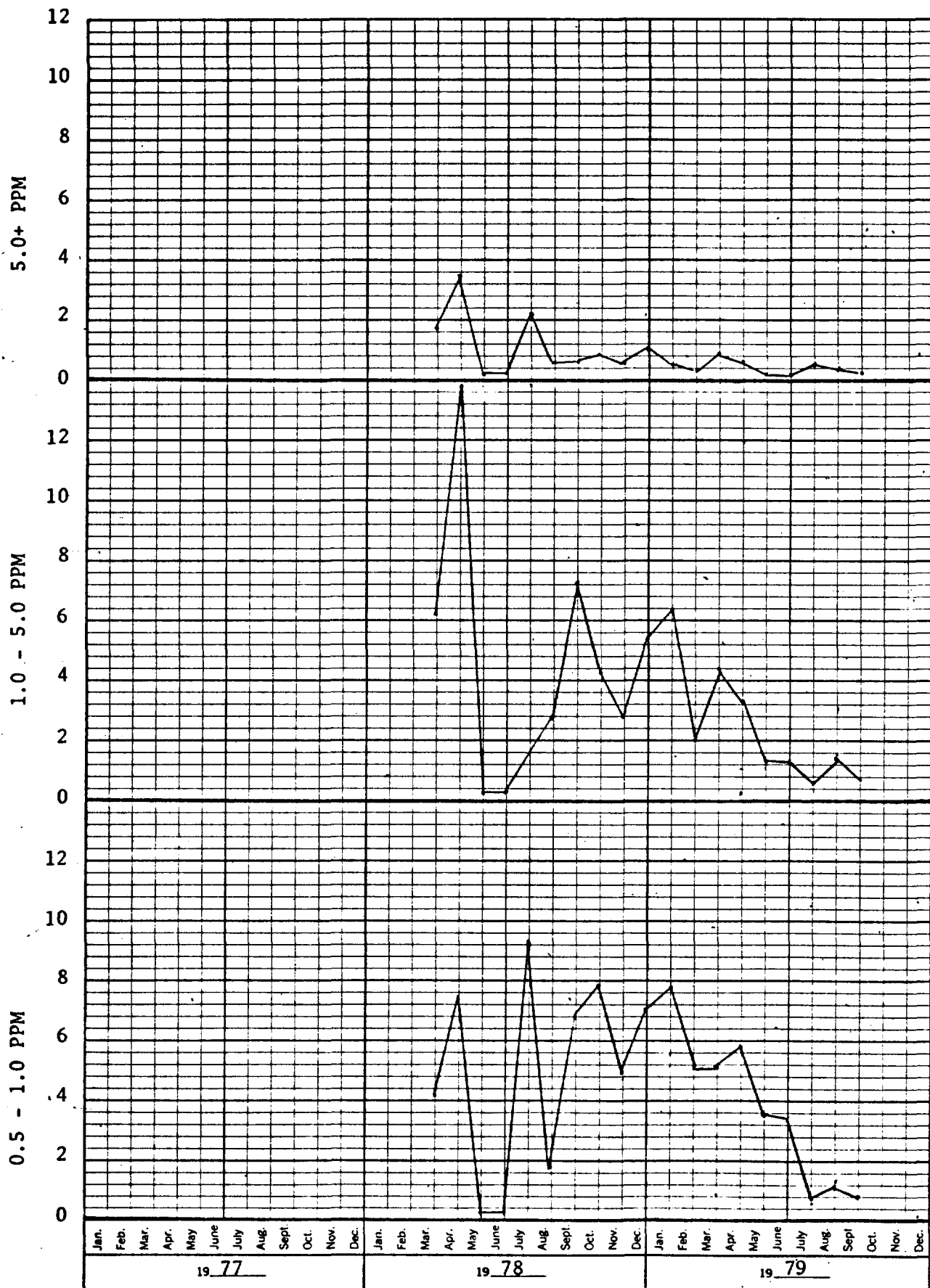
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DTH 000050576

ABERDEEN LABORATORY VCM CONTINUOUS MONITORING UNIT TRENDS  
 -PERCENTAGE OF SAMPLES WITHIN CONCENTRATION RANGES-



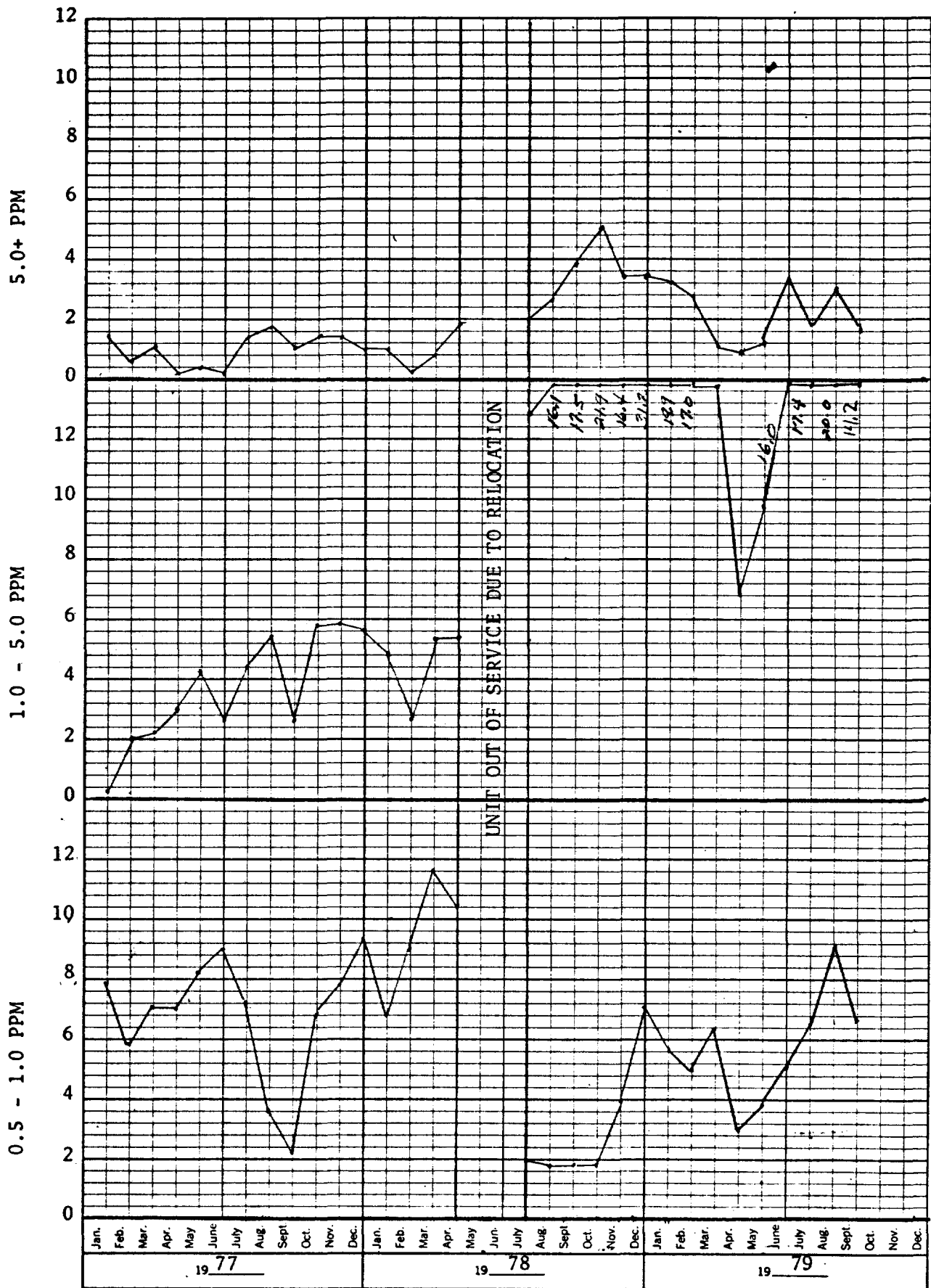
**ABERDEEN NEW LARGE REACTOR VCM CONTINUOUS MONITORING UNIT TRENDS**  
**-PERCENTAGE OF SAMPLES WITHIN CONCENTRATION RANGES-**



New Reactors did not go on stream until March, 1978

DTH 000050578

**ABERDEEN OLD LARGE REACTOR VCM CONTINUOUS MONITORING UNIT TRENDS**  
**-PERCENTAGE OF SAMPLES WITHIN CONCENTRATION RANGES-**



ABERDEEN VCM TANK CONTINUOUS MONITORING UNIT TRENDS  
-PERCENTAGE OF SAMPLES WITHIN CONCENTRATION RANGES-

