

## Interoffice Communication

To A. H. Sather

From J. V. Uptain

Date November 15, 1978

Subject CONTINUOUS MONITORING SUMMARY FOR OCTOBER, 1978

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

Laboratory Unit

Range, PPM

|           |      |      |      |      |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|------|------|------|------|
| .0 - 0.5  | 672  | 669  | 670  | 670  | 668  | 671  | 671  | 671  | 672  | 672  | 99.8 |
| 0.5 - 1.0 | 0    | 3    | 2    | 2    | 4    | 1    | 1    | 1    | 0    | 0    | 0.2  |
| 1.0 - 5.0 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.0  |
| + 5.0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0.0  |
| % over 5  | 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  | 633  | 629  | 620  | 622  | 612  | 590  | 590  | 537  | 621  | 613  | 87.2 |
| 0.5 - 1.0 | 36   | 43   | 50   | 47   | 56   | 63   | 68   | 86   | 48   | 45   | 7.8  |
| 1.0 - 5.0 | 23   | 21   | 20   | 22   | 24   | 30   | 34   | 60   | 21   | 31   | 4.1  |
| + 5.0     | 5    | 4    | 7    | 4    | 5    | 12   | 3    | 11   | 6    | 7    | 0.9  |
| % over 5  | 0.72 | 0.57 | 1.00 | 0.58 | 0.72 | 1.73 | 0.43 | 1.59 | 0.86 | 1.01 | -    |

Old Large Reactor Area

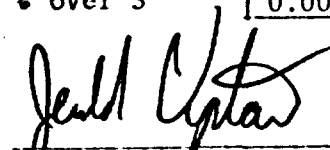
Range, PPM

|           |      |      |      |      |      |      |      |      |      |       |      |
|-----------|------|------|------|------|------|------|------|------|------|-------|------|
| .0 - 0.5  | 588  | 401  | 514  | 466  | 572  | 584  | 512  | 458  | 539  | 301   | 71.0 |
| 0.5 - 1.0 | 9    | 15   | 5    | 26   | 12   | 11   | 20   | 8    | 13   | 16    | 1.9  |
| 1.0 - 5.0 | 95   | 233  | 163  | 175  | 101  | 95   | 134  | 191  | 115  | 222   | 21.9 |
| + 5.0     | 5    | 40   | 13   | 29   | 11   | 6    | 29   | 39   | 27   | 156   | 5.1  |
| % over 5  | 0.72 | 5.81 | 1.87 | 4.17 | 1.58 | 0.86 | 4.17 | 5.60 | 3.89 | 22.45 | -    |

Tank Farm Area

Range, PPM

|           |      |      |      |      |      |      |      |      |      |      |      |
|-----------|------|------|------|------|------|------|------|------|------|------|------|
| .0 - 0.5  | 687  | 656  | 615  | 485  | 666  | 642  | 687  | 694  | 695  | 695  | 93.0 |
| 0.5 - 1.0 | 3    | 4    | 16   | 29   | 4    | 10   | 1    | 2    | 1    | 1    | 1.0  |
| 1.0 - 5.0 | 6    | 14   | 43   | 177  | 26   | 41   | 8    | 0    | 95   | 0    | 5.8  |
| + 5.0     | 0    | 1    | 2    | 6    | 0    | 3    | 0    | 0    | 0    | 0    | 0.2  |
| % over 5  | 0.00 | 0.15 | 0.30 | 0.86 | 0.00 | 0.43 | 0.00 | 0.00 | 0.00 | 0.00 | -    |

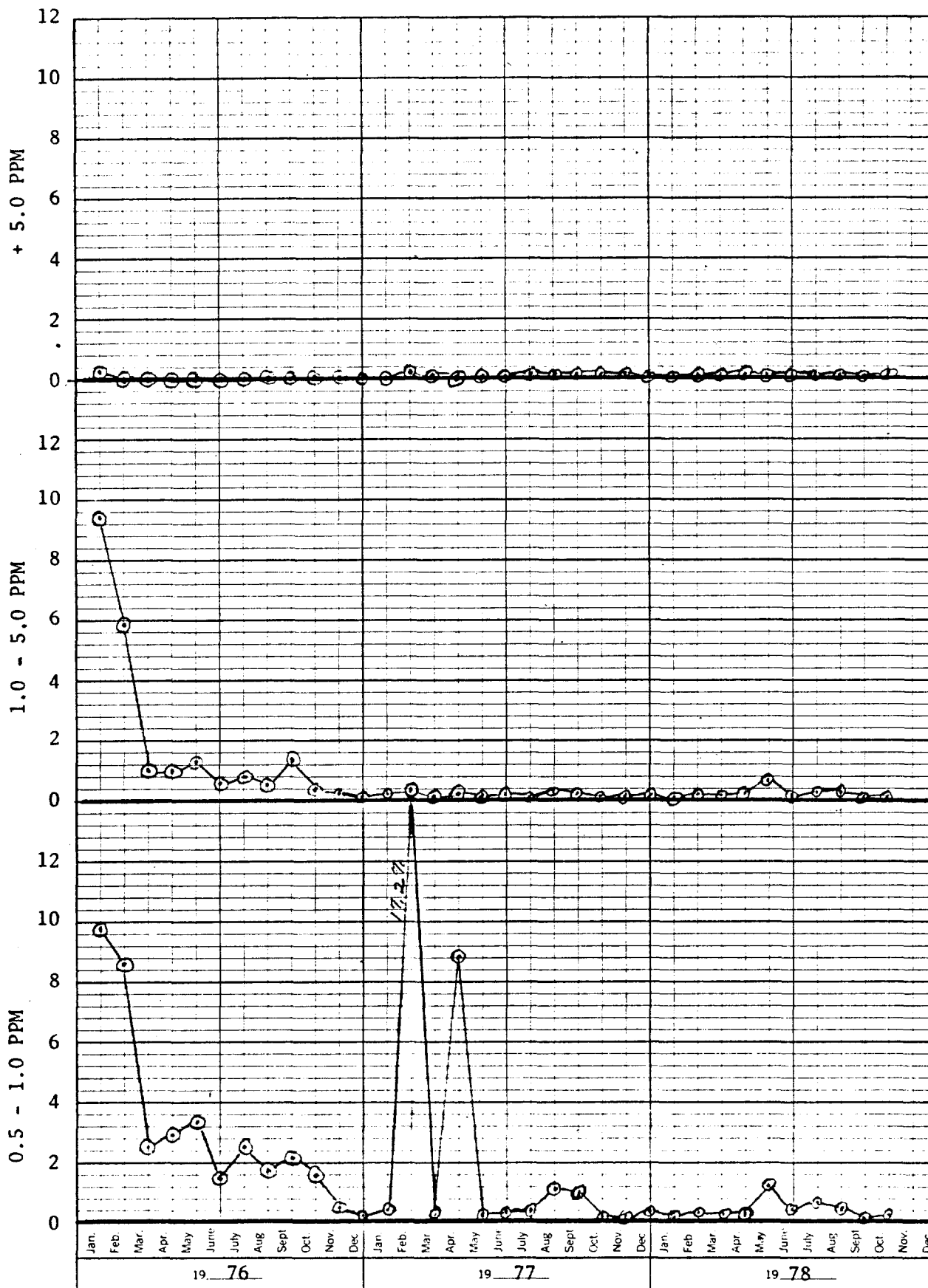
  
 Gerald V. Uptain

cc: CLM; Dept. Heads, DAK-Houston, ODS-Ponca City

jff

DTH 000050498

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



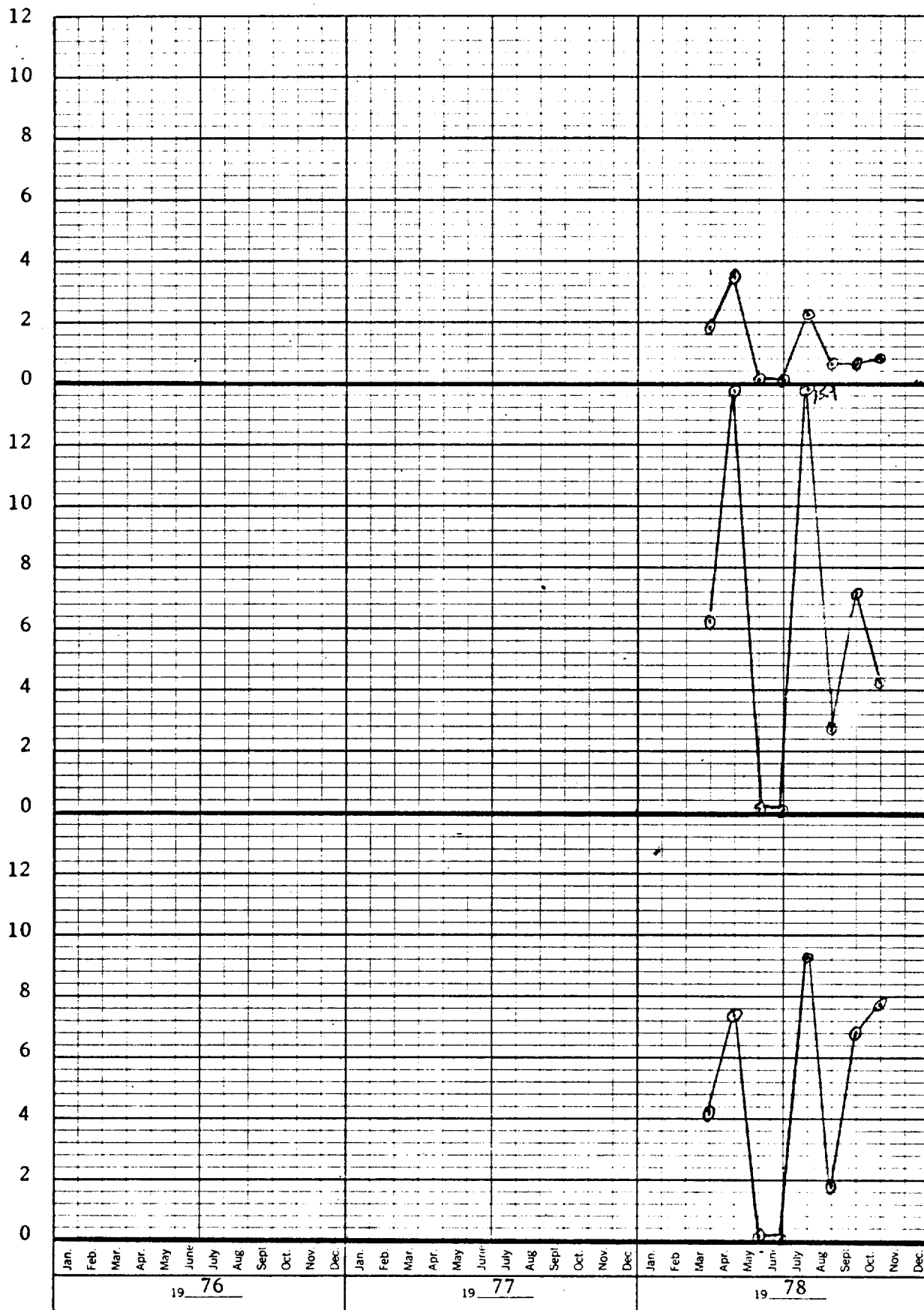
46 3290

K&E 3 YEARS BY MONTHS X 100 DIVISIONS  
KEUFFEL & ESSER CO. MADE IN U.S.A.

DTH 000050499

# ABERDEEN NEW LARGE REACTOR VCM CONTINUOUS MONITORING UNIT TRENDS

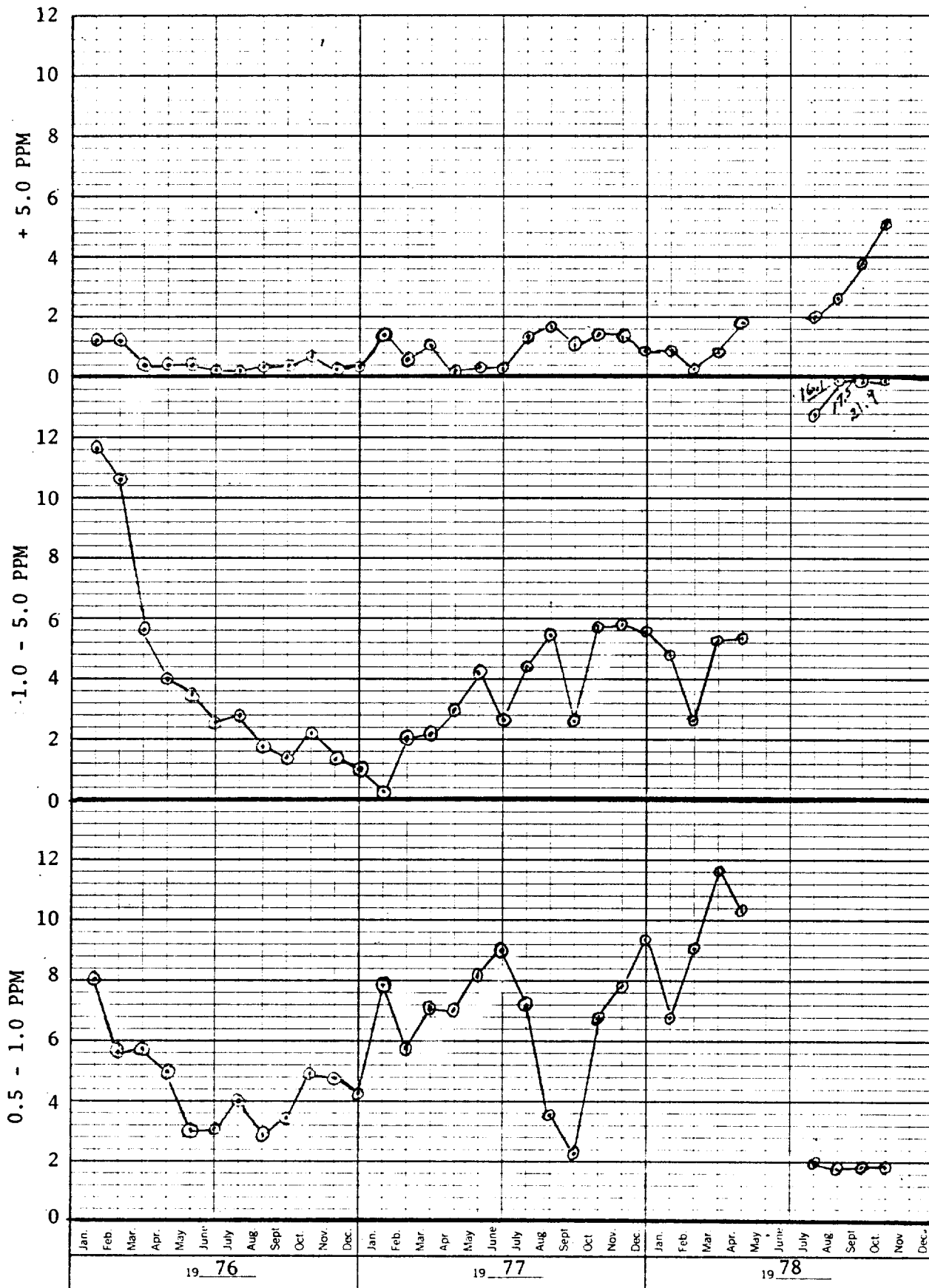
## PERCENTAGE OF SAMPLES WITHIN CONCENTRATION RANGES



Unit down all of May and June. Placed back into service 7/12/78.

DTH 000050500

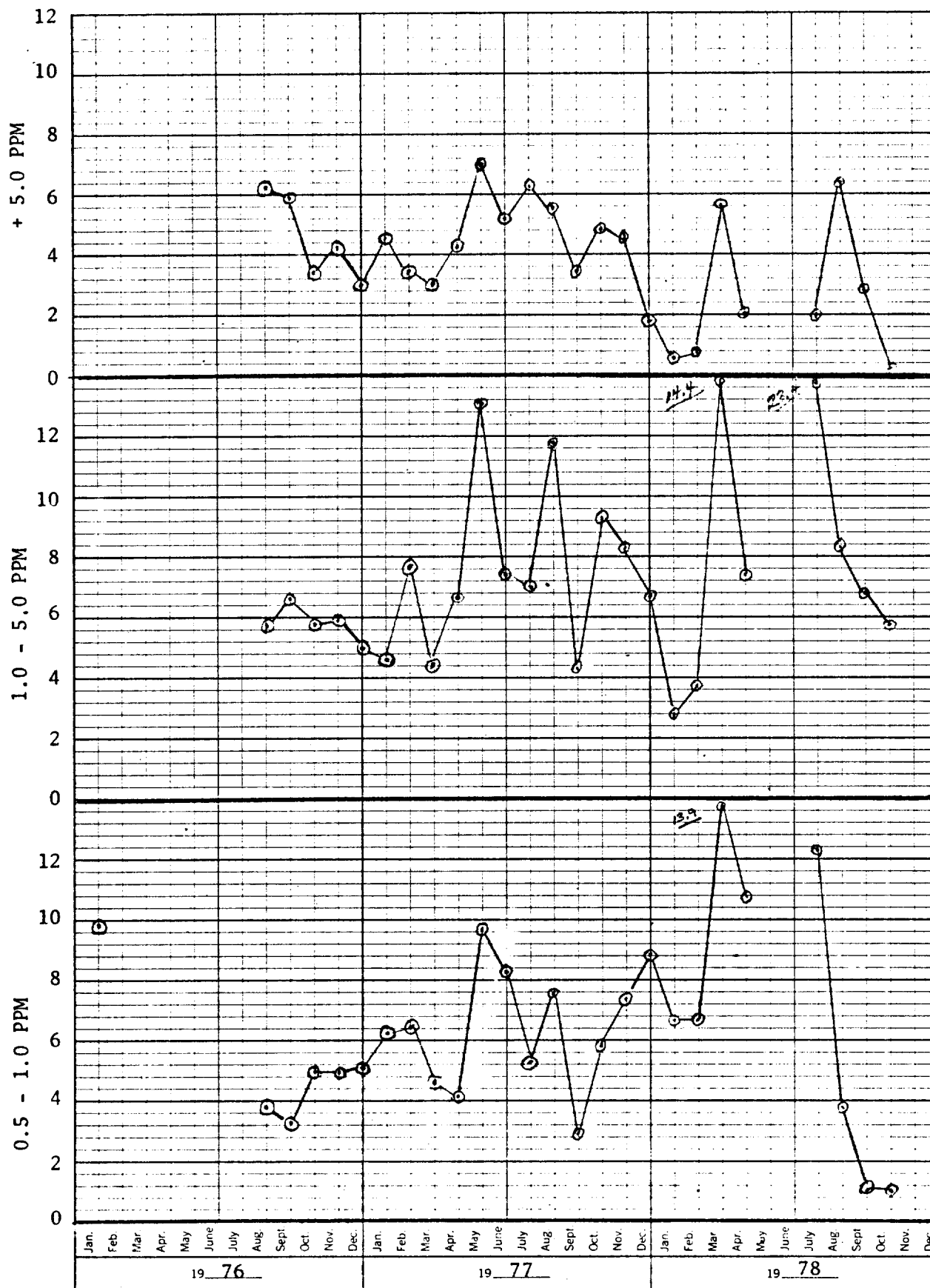
ABERDEEN OLD LARGE REACTOR VCM CONTINUOUS MONITORING UNIT TRENDS  
-PERCENTAGE OF SAMPLES WITHIN COCENTRATION RANGES



Unit down all of May and June. Placed back into service 7/12/78.

DTH 000050501

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



\*Monitored only 14 days  
in August, 1976

Unit down all of May and June.

DTH 000050502

# HONEYWELL CONTINUOUS MONITOR STREAM LOCATIONS

## STREAM NO.      LOCATION MOUNTED

### Laboratory

- |    |                                |
|----|--------------------------------|
| 1  | On Middle Bagger in Warehouse  |
| 2  | In Quality Control Lab         |
| 3  | On Line I Blenders             |
| 4  | On Line III Mill               |
| 5  | In Development Lab             |
| 6  | On Welex Deck in Dry Blend     |
| 7  | In Dry Blend Control Room      |
| 8  | On Dry Blend Blender           |
| 9  | In Section B of East Warehouse |
| 10 | On Shrink Wrap Unit            |

### Old Reactor Module

- |    |                            |
|----|----------------------------|
| 1  | 401 VCM REceiver           |
| 2  | Recovery System, 2nd Floor |
| 3  | Dump Sweco                 |
| 4  | 3rd Recovery Compressor    |
| 5  | Incinerator                |
| 6  | Middle Receiver            |
| 7  | Bottom of D-300            |
| 8  | Top of D-400               |
| 9  | Bottom of D-500            |
| 10 | Top of D-600               |

### VCM Tank Farm

- |    |                                       |
|----|---------------------------------------|
| 1  | South Unloading Station               |
| 2  | Middle Unloading Station              |
| 3  | North Unloading Station               |
| 4  | Compressor Shed                       |
| 5  | Process Control Room                  |
| 6  | VCM Storage Tanks - 201 & 202         |
| 7  | Respirator Air Inlet                  |
| 8  | Dryer Line #6, Blend Tanks, 1st Floor |
| 9  | Dryer Line #6, Activator, 1st Floor   |
| 10 | Spare                                 |

### New Reactor Module

#### Path "A"

- |    |                                     |
|----|-------------------------------------|
| 1  | Bottom of 741                       |
| 2  | Bottom of 742                       |
| 3  | Bottom of 743                       |
| 4  | Bottom of 744                       |
| 5  | North of Dump Sweco                 |
| 6  | East of Blowdown Tank               |
| 7  | Bottom of Middle VCM Receiver       |
| 8  | Rec. VCM Transfer Pumps             |
| 9  | Middle Rec. Comp., 2nd Floor        |
| 10 | Rec. VCM Collection Tank, 2nd Floor |

#### Path "B"

- |                               |
|-------------------------------|
| Top of 741                    |
| Top of 742                    |
| Top of 743                    |
| Top of 744                    |
| Seal Water Pumps, 1st Floor   |
| K. O. Tank Pumps, 1st Floor   |
| Rec. VCM Charge Pumps         |
| VCM Charge Pumps              |
| K.O. Tanks, 2nd Floor         |
| Seal Water Coolers, 1st Floor |