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# ABERDEEN CHEMICAL PLANT

## ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: September, 1981

DATE OF REPORT: October 9, 1981

c: JF, CRM, PEM, JRM, RDJ, TBD, SJV, RAF, RAM, AHS
T. G. Grumbles - Houston, O. D. Steffey - Ponca City

ALL SAMPLE RESULTS:

| Chemical | < PEL | | ≥ PEL OVEREXPOSURES | |
|---|---|---|---|---|
| | No. | % | No. | % |
| VCM | 86 | 92 | 7 | 8 |
| Lead | 5 | 100 | 0 | 0 |
| Antimony | 4 | 100 | 0 | 0 |
| Total Particulates | 4 | 100 | 0 | 0 |

OVEREXPOSURES:

| Job Class | Exposure | Source |
|---|---|---|
| Vinyl Shift Supervisor | 1.0 ppm VCM | Specific cause not identified. |
| Reactor Operator | 1.1 ppm VCM | Specific cause not identified. |
| Reactor Operator | *1.1 ppm VCM | Drained "knock-out" tank in new vinyl area. |
| Chief Operator | *1.4 ppm VCM | Employee replaced "O" ring on 0500 Lenape and corrected malfunction at "B" vacuum pump in old reactor area. |
| General Mechanic | *5.2 ppm VCM | Employee helped clean VCM lines during shutdown. |
| Reactor Operator | *13.0 ppm VCM | Old vinyl area recovery system plugged. |
| Chief Operator | *13.6 ppm VCM | Old vinyl area recovery system plugged. (Same time as 13.0 ppm sample above.) |

* Respiratory protection worn.

Jerald Uptain

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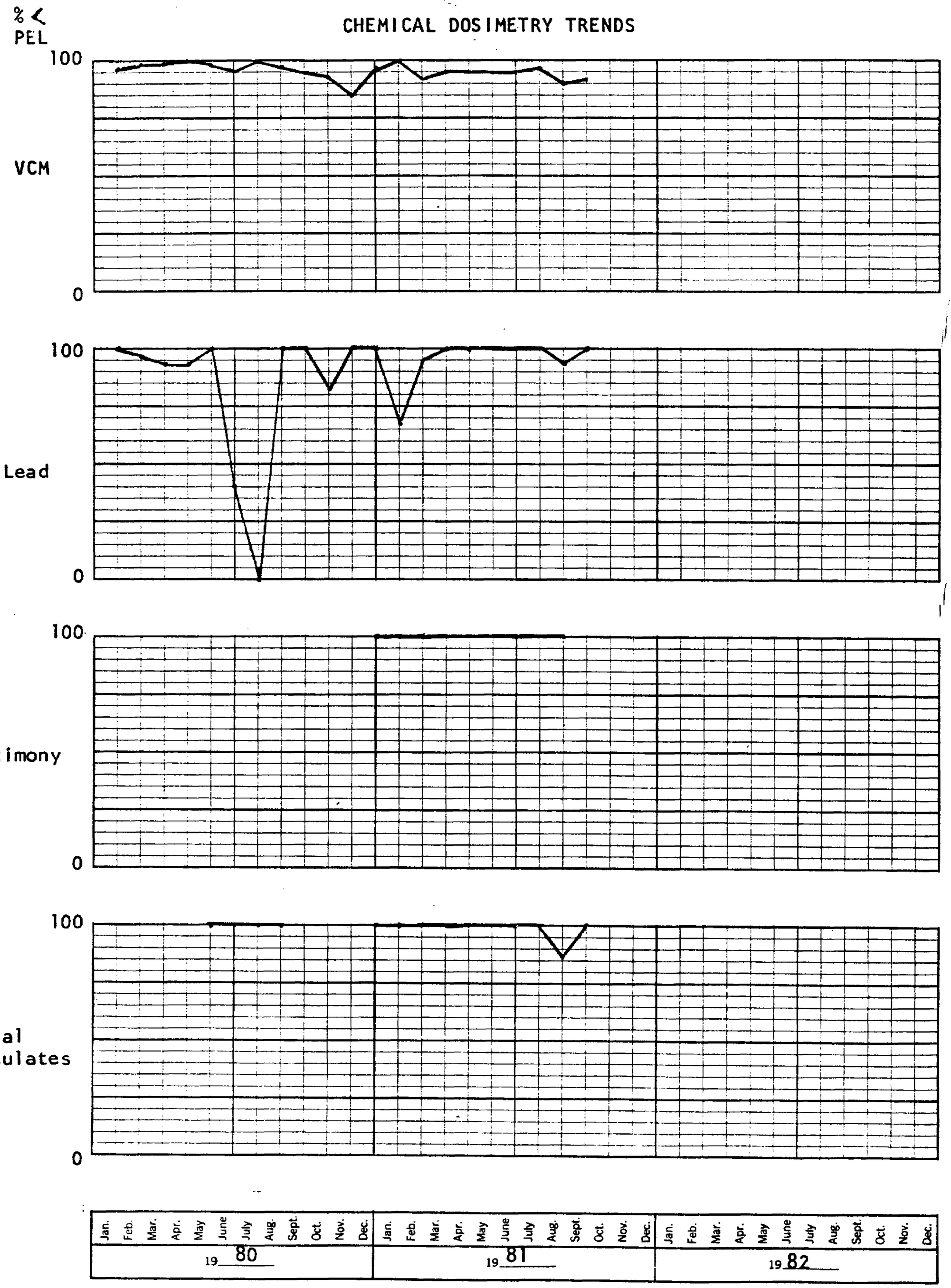
## CHEMICAL DOSIMETRY TRENDS

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