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ABERDEEN CHEMICAL PLANT  
INDUSTRIAL HYGIENE MONTHLY REPORT

Month: November

Date of Report: 1/04/85

Routine Chemical Dosimetry

All Sample Results:

| <u>Chemical</u>    | <u>&lt;</u> | <u>PEL</u> | <u>&gt;</u> | <u>PEL Overexposures</u> |
|--------------------|-------------|------------|-------------|--------------------------|
|                    | <u>No.</u>  | <u>%</u>   | <u>No.</u>  | <u>%</u>                 |
| VCM                | 92          | 97         | 3           | 3                        |
| Lead               | 18          | 95         | 1           | 5                        |
| Total Particulates | 6           | 100        | 0           | 0                        |

Overexposures

| <u>Job Class</u>       | <u>Exposure</u>                        | <u>Source</u>                                                                                                                                          |
|------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Mechanic       | 1.1** ppm, VCM                         | Employee overexposed while welding cracks in the dry blend "gump" screener bowl. The specific cause of the overexposure has not been identified.       |
| General Mechanic       | 2.0** ppm, VCM                         | The employee spent his entire work period doing insulation work in the new Vinyl unit. The specific cause of his overexposure has not been identified. |
| Yard Operator          | 4.6* ppm, VCM                          | Employee overexposed while hooking/unhooking VCM railcars.                                                                                             |
| Color Weigh Compounder | 56.6* microgram<br>lead/m <sup>3</sup> | Employee overexposed while weighing up micro quantities of Epistatic 112 and Epistatic 122 inside the color weigh room.                                |

\* Respiratory protection was worn.

\*\* Respiratory protection was not worn.