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Ptown

QUARTERLY INDUSTRIAL HYGIENE REPORT
PEDRICKTOWN PLANT

1994

TO: Cll Knutsen
Area Managers
~~XXXXXXXXXX~~
Karen Emerling
Anthony Massari
Greg Kaswell

DATE: 2/13/95

FROM: Dennis O'Keefe

SUMMARY OF PERSONNEL MONITORING RESULTS

I. VINYL CHLORIDE

TOTAL NUMBER OF SAMPLES	NUMBER OF SAMPLES GREATER THAN 0.5 PPM	NUMBER OF SAMPLES GREATER THAN 1.0 PPM	NUMBER OF SAMPLES GREATER THAN 1.0 PPM W/O RESP. PROTECT.
29	2	1	0

II. NOISE

TOTAL NUMBER OF MONITORINGS	NUMBER OF SAMPLES GREATER THAN 90/87.5 dB	NUMBER OF SAMPLES GREATER THAN 85/82.5 dB	NUMBER OF SAMPLES GREATER THAN 85/82.5 dB W/O HEAR. PROTECT.
3 @ 8 HOURS	1	2	0
5 @ 12 HOURS	0	2	1

A narrative report was issued for the sample that exceeded 82.5 dBA without hearing protection.

III. LEAD

No lead monitoring was conducted during 1994. Total lead containing compound production for 1994 was a 450,000 lbs. automotive Formula 3 run in October.

IV. OTHER SUBSTANCES

No other personnel monitoring was conducted during 1994.

NGC 15512

MEDICAL SURVEILLANCE SUMMARY

I. VINYL CHLORIDE EXAMINATIONS

A. Total number of exams performed	-	166
B. Exams with abnormal findings related to VCM exposure -	-	0

II. HEARING CONSERVATION

A. Total number of audiograms performed	-	184
B. Number of audiograms required by OSHA	-	178
C. Number of audiograms that showed a confirmed age-adjusted Standard Threshold Shift (STS)	-	2

One of the two employees who showed an age-adjusted STS has had long standing severe hearing loss and works in a job with minimal noise exposure. The other has been under his doctor's care for recurrent ear infections. Both have been determined by Dr. Boyer to be non-work related.

D. Number of audiograms that showed an age-adjusted average loss of 25 dB or more at 2,000 - 4,000 Hz in either ear	-	0
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III. LEAD

A. Total number of blood-lead tests performed	-	0
B. Number of blood-lead results which exceeded 30 ug/100 g. of whole blood	-	0

No blood-lead examinations were performed in 1994 because no lead containing compounds were produced in 1993 and there were no lead containing compounds in our 1994 mix at the time this testing would have been performed. In October of 1994 we did consume 12,479 pounds of a lead containing raw material during a nine day emergency automotive run. We plan to conduct the blood lead tests again in 1995 as a result of this unexpected lead useage.