



FILE

Interoffice Communication

To C. E. Gremillion
From J. J. Hall
Date August 5, 1975
Subject VCM Plant Occupational Noise Exposure
Phase II: Dosimeter Study Results

This report contains the results of noise dosimeter monitoring in the VCM Plant which represents the second step in the evaluation and control of our occupational noise exposure.

Phase I of this noise study was the plant grid survey which indicated that there are areas in the plant with noise levels high enough to pose a potential hazard and/or OSHA violation.

The objective of Phase II is to determine if employees are present in the high noise level areas for sufficient time to be over exposed. The most expedient means for determining employee exposures is by use of noise dosimeters.

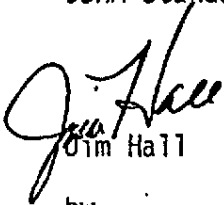
The noise dosimeter is a portable instrument which, when worn on the belt of individual for an eight hour shift, integrates his exposure to high noise levels on a time weighted average basis and yields his daily dose as a per cent of the allowable limit. This monitoring technique eliminates the systematic errors associated with random samples of noise levels in the plant.

Attached is a summary of the dosimeter data by job classification. Each value is a five day average.

RESULTS

The data shows that our employees are not excessively exposed on a routine basis. However, there are specific areas in the plant and particular job tasks (e.g. taking compressor vibration readings) which result in excessive exposure.

A complete report containing recommendations for engineering and/or administrative controls will follow. Overall, it appears that compliance with the forthcoming OSHA standard on noise exposure (85DBA-50%) will present no major problems.


Jim Hall

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Noise Dosimeter Data Summary

VVC 000001525

