



Interoffice Communication

To R. D. Gamblin - Houston
From J. A. DeBernardi
Date February 1, 1982
Subject VCM Plant - Noise Exposure

RECEIVED
FEB 04 1982

Attached you will find Steve Ashby's report related to noise dosimeter testing results for VCM Plant employees.

A handwritten signature in cursive script, appearing to read "J. A. DeBernardi".

J. A. DeBernardi

br
cc + attachment
T. G. Grumbles-Houston

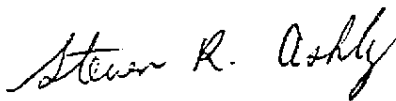
VVC 000013602

Interoffice Communication

To J. A. DeBernardi
From S. R. Ashby
Date January 27, 1982
Subject Personnel Noise Exposure

Attached are the results of the eight-hour personnel noise dosimeter testing conducted during July, September, October, December, 1981 and January, 1982. A total of thirty-one (31) samples were taken. The average noise exposure was 12.68 percent of the allowable limit (100% is equal to 90 dBA exposure averaged over 8 hours). The highest level recorded during this period was on a welder with 76 percent of the allowable exposure limit. The welder was exposed to grinder and chipping gun noise inside the welding shop for the entire duration of the sample period.

Overall, the data indicates personnel noise exposure to be well within acceptable limits. A comparison of the 1981 data (12.68%) with data collected during 1977 (10.23%) and 1979 (9.18%) indicates no significant increase in employee noise exposure. We will continue to place a high priority on our in-plant noise abatement and exposure control program to insure that our personnel are free from excessive noise exposure.



S. R. Ashby
Safety Director

kf
CC: PLF

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NOISE TESTING 1981
8-HOUR DOSIMETER SAMPLING

	<u>No. of Tests</u>	<u>*Test Results (% Of Allowable) Limit)</u>	<u>*Average (% Of Allowable Unit)</u>
<u>OPERATIONS</u>			
Shift Supervisor	2	17.6, 29.2	23.4
Chief Operator	2	.87, 8.6	4.7
1st Operator	1	.23	.23
2nd Operator	3	7.1, .31, 11.8	6.4
2nd Operator (Incinerator)	2	2.1, .13	1.1
Pumper Loader	3	.59, .19, .05	.28
<u>MAINTENANCE</u>			
Mechanical Supervisor	0		0
Elect/Inst Supervisor	0		0
Boilermaker	3	11.9, 1.08, 18.2	10.4
Carpenter/Insulator	1	27.2	27.2
Millwright	4	5.35, 6.37, 10.9, 14.6	9.3
Pipefitter	1	6.2	6.2
Welder	3	19.7, 76.0, 20.1	38.6
Electrician	1	54.2	54.2
Instrumentmen	2	0.2, 8.0	4.1
<u>LABORATORY</u>			
Analyst	1	.15	.15
<u>OFFICE</u>			
Engineer	2	33.19, 1.03	17.11

OVERALL AVERAGE PLANT EXPOSURE (% of Allowable Limit)*

$$\frac{393}{31} = 12.68$$

*Allowable Limit = 90 dBA TWA for 8 hours.

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