



*file - Vinyl
RV*
DOW CHEMICAL U.S.A.

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June 20, 1974

LOUISIANA DIVISION
PLAQUEMINE, LOUISIANA 70764
804 687-4321

R. W. Cochran
G. W. Daigre
R. H. Fisackerly
T. P. Rozas
R. G. Vaughn

cc: G. H. Watkins

Attached is a statement about an internal Dow Guideline for Vinyl Chloride exposure. Louisiana Division should plan on using this guideline until we know what the permanent government standard is.

Larry
L. D. Adcock

Attachment

mst



DOW CHEMICAL U.S.A.

April 23, 1974

LOUISIANA DIVISION
PLAQUEMINE, LOUISIANA 70764
504 687-4321

Ralph Langner
Industrial Hygiene Services
607 Building
MIDLAND, MICHIGAN 48640

Vinyl Chloride Unit, Louisiana Division
Three week Vinyl Exposure Data

Taken by charcoal method using Bendix unit for eight hours per man.

10 min ppm data was calculated as if total (8) hour exposure was taken in 10 min.

Where 10 min calculations exceed 50 ppm spot samples are run on all assigned duties for that particular job classification.

Summary:

Twenty-six individuals have been sampled in a two week period. The third week is presently in progress.

Nineteen are below 50 ppm on 10 minute calculation.

The other seven jobs are being spot sampled at present to insure against surpassing 50 ppm for any 10 minute period.

We are in the process of installing a 10 point continuous analyzer in production unit to be completed in approximately three to four weeks.

Ralph, I have also attached our comments on the emergency standard and method and procedure for compliance. Would appreciate your feeling as to flaws in our interpretation.

For the information of other interested persons I would suggest that the type air line and air-pac units in use be checked. We are converting to a "pressure demand" regulator. This is different from either the straight demand or constant flow unit in that a slight positive pressure is always present inside the facepiece.

R. Vaughn
R. G. Vaughn
Safety & Loss Prevention

AN OPERATING UNIT OF THE DOW CHEMICAL COMPANY

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