

FILE



Interoffice Communication

To G. G. Draper

From D. W. Linderud - D. H. Jones

Date February 5, 1975

Subject Total Hydrocarbon Emission Monitoring Report

Attached is a report giving the results of a survey to determine hydrocarbon emissions from pump seals, control valves, and thermal relief valves in VCM service.

A weekly monitoring system was established to determine the extent of VCM emissions from valves and pump seals. A Century unit analyzer, measuring total hydrocarbons is used to obtain the data. The results will be written and distributed weekly.

Although numbers have been used to determine the extent of the leakage, the results are not quantitative since the Century unit is not specific for VCM.

Of the controllers inspected, three appeared to have no appreciable leaks. The only noticeable increase in the reading of the relief valves occurred when the monitor probe was placed directly in the relief vent. Attached is the individual readings for the week January 26, 1975.

If there are any comments, please direct them to Jim Robinson, David Jones, or David Linderud.

A handwritten signature in cursive script, reading "David Linderud".

David Linderud

A handwritten signature in cursive script, reading "David H. Jones".

David Jones

Approved By: _____

A handwritten signature in cursive script, reading "Jim Robinson".

bw

CC:

JAD-JHM-JRH-JCL-CEG

CCR 000081753

TOTAL HYDROCARBON EMISSIONS REPORT

DATE: 1-29-1975

TIME: 9:30 A.M.

WEATHER CONDITIONS: 2-5 MILES PER HOUR WIND

Equipment Identification	Century Unit Readings (=) PPM		
	Near Leakage	One Foot	Background
FRC-201 HCl Column Feed	10	10	10
FRC-202 Q.C. Reflux	10	10	10
FRC-205 VCM Column Feed	8	8	8
FRC-206 VCM Reflux Rate	300	20	15
PRC-201 VCM Pressure Control	100	15	15
P-104(A) B L.E. Reflux Pumps	70	50	15
P-202A, (B) Q.C. Reflux Pumps	1000	10	10
P-203A, (B) VCM Col. Feed Pumps	100	10	10
P-204(A) B VCM Col. Reflux Pumps	> 10,000	40	20
P-206(A) B Tar Still Reflux Pumps	> 10,000	100	20
A-201(A) (B) Vinyl Tar Still Aagitators	10, 10	10, 10	10, 10
A-104A, B EDC Tar Still Aagitators	—	—	—
H.E. Gate Valve E.	400	15	10
H.E. Gate Valve W.	40	10	10
L.E. Gate Valve E.	100	20	20
L.E. Gate Valve W.	200	50	35
T.R.V. -1 At Loading Rack	> 10,000	10	10
T.R.V. -2 At Loading Rack	300	10	10
T.R.V. -3 At Loading Rack	200	10	10
T.R.V. -4 At Loading Rack	50	10	10
T.R.V. -5 At Loading Rack	50	10	10
VCM Gate Valve E. REMOVED	—	—	—
VCM Gate Valve W. REMOVED	—	—	—

CCR 000081754