

February 21, 1988.

CONTRACT CLEANING OF C-54

On January 28th, the block contractors performed routine cleaning maintenance on the C-54 column. All contractors wore full-face breathing air during the cleaning and were monitored using 3M 3500 badges.

The results of the monitoring are as follows:

CONTRACT PERSONNEL	TIME	(TWA) PPM EXPOSURE BENZENE BUTADIENE
Gerald Taylor	360 min.	.0005 .0001
Alvin Brown	360 min.	.0004 .0001
Randy Pitre	360 min.	NO SAMPLE NO SAMPLE
Freddie Adolph	360 min.	*MDL *MDL
AREA	TIME	(TWA) PPM EXPOSURE BENZENE BUTADIENE
C-54	360 min.	*MDL *MDL

*MDL stands for Method Determination Limited - Bz = .00087 mg/ml

The results of this monitoring indicates that there was no exposure problem to either benzene or 1,3 butadiene during this work procedure.

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LMC 3