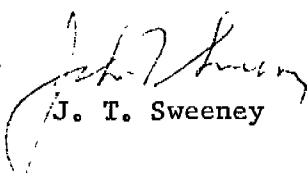


TO G. I. Rozand AT Piscataway DATE February 20, 1976

FROM J. T. Sweeney AT Flemington COPY TO W. D. Bord
D. M. Hershkowitz
W. F. Gabel
P. A. Lobo
R. A. Lojewski
W. Miringoff
F. X. Ritter
M. K. Rosen
P. R. Scarito
F. Toca

SUBJECT Bendix VCM Monitoring Data Analysis
Flemington Plant
January 31, 1976 to February 13, 1976

Attached is the subject analysis.


J. T. Sweeney

JTS:ms

Bendix Monitoring Data
Analysis
Flemington Plant

January 31, 1976 to February 13, 1976

Readings (PPM VCM)

Point No.	Point Location	Total	>5	>25	>100
RE-1	Center Aisle, First Floor	963	15	3	0
RE-2	<u>Remarks:</u> Problem is believed to be the result of reactor washouts - washing frequently has been reduced by 50%. Ventilation system is being redesigned.				
RE-3					
RE-4	No. 1 and 2 Slurry Pumps, First Floor	963	8	4	0
RE-5	<u>Remarks:</u> The slurry chip basket drain has been relocated outside the building and this should reduce the excursion in areas RE-4, 5 and 6.				
RE-6					
RE-7	Recovery Compressor Room	642	171	25	0
RE-8	<u>Remarks:</u> Intermittent leaks in vacuum pump and compressor system. Air mask must be worn in this area.				
RE-9	Center Aisle, Second Floor	963	55	8	3
RE-10	<u>Remarks:</u> General ventilation problem related to reactor ventilation and reactor washout. Engineering estimate is now being prepared covering redesign of reactor ventilation. CAR will follow.				
RE-11					
RE-12	Strippers Platform, Panel Board Area	963	101	12	2
RE-13	Second Floor				
RE-14	<u>Remarks:</u> Problem is believed to be the result of intermittent leaks in the recovery room. Air mask must be worn when observing stripping operations. has been sealed off.				
RE-15					
RE-16	Knockout Tanks, Second Floor	321	28	3	0
	<u>Remarks:</u> Problem is believed to be the result of intermittent leaks in the recovery room. Floor openings have been closed.				
RE-17	West Wall between Styrene Tank, Second	963	60	6	0
RE-18	Floor				
RE-19	Gelatin Make-up Area, Second Floor Stairwell.				
	<u>Remarks:</u> Recent data has shown that VCM from the vent condenser and the cop- pus exhaust from the recovery room is re- entering the Reactor Building through the				

010567

Bendix Monitoring Data
Analysis
Flemington Plant
January 31, 1976 to February 13, 1976

Readings (PPM VCM)

Point No.	Point Location	Total	>5	>25	>100
	heat and ventilation units. A CAR has been submitted for the extension of the vent stack on the vent condenser.				
RE-20	Chip Basket Area <u>Remarks:</u> Problem is believed to be the results of draining and knockout tanks to the blind pool. Alternate methods are being investigated.	234	2	0	0
3-2 3-3	<u>GENERAL AREA</u> Quality Control Lab, West - East <u>Remarks:</u> Inadequate ventilation - CAR has been submitted.	640	6	1	1
3-9	VCM Pumps <u>Remarks:</u> Pump seal leakage - ultimate solution is conversion to "canned" pumps. Engineering is working on the development of a suitable pump.	320	25	5	0
3-10	Tank Car Unloading <u>Remarks:</u> Hose disconnect operation - Engineering is currently working on re-design - priority 2 project. This is an air mask operation.	320	15	0	0
P-1 P-3 P-4 P-5 P-7 P-8 P-9 P-10	<u>PILOT PLANT</u> <u>Remarks:</u> CAR has been submitted covering a multi-faceted project.	2304	75	0	0
P-6	Parshall Flume Well <u>Remarks:</u> Not a work area - does not represent personnel exposure.	288	29	12	1
			W. D. Bord		

010568