

bcc: RAC PJK JGC WPB RH
SAR SAC ~~GWB~~
MGH WLM ~~TEG~~ JLLJ

May 8, 1990

Dr. Mike McDaniel
Assistant Secretary
Office of Air Quality &
Nuclear Energy
Dept. of Environmental Quality
P O Box 44096
Baton Rouge, LA 70804-4096

482ERT
CERTIFIED MAIL #
906 689 504

VISTA

Lt. Kendall Felon
Right To Know Unit
State Police Hazardous
Materials Unit
P.O. Box 66614
Baton Rouge, LA 70896

CERTIFIED MAIL #
906 689 503

Mr. Sam Russell
Community Emergency Coordinator
Office of Emergency Preparedness
P.O. Box 1391
Lake Charles, LA 70602

CERTIFIED MAIL #
906 689 502

Re: Rescission of May 7, 1990 Telephone Notification
Regarding Leak

At 0900 hours on May 7, 1990, a small pinhole leak was discovered on a nozzle of Vista's Light Ends Column (C-102). The leak was stopped by 1030 hours on that same day.

Anticipating that more than the reportable quantity of chemicals were released to the atmosphere, a telephone notification was made to your office.

Through subsequent calculations (see attached), we have now determined that no reporting limits were exceeded.

It is Vista's belief that no adverse impact occurred beyond the boundaries of this facility and that this event did not meet the "dangerous emissions" criteria as set forth under Louisiana Right to Know Law.

Therefore, we are formally rescinding the May 7, 1990 telephone notification made to your office concerning this incident.

Please call me at (318) 494-5031, if you have any questions concerning this incident.

Sincerely,

A handwritten signature in cursive script that reads "David R. Booth".

David R. Booth
Sr. Environmental Coordinator

br(C2)

cc: William Coltrin - SW Regional DEQ

VVV 000003291

ORIFICE - VERSION 82.01

L. E. COLUMB INCIDENT

MAY 7, 1

RESTRICTION ORIFICE RATE CALCULATION FOR GASES OR VAPORS

TYPE 304 STAINLESS STEEL ELEMENT

BAROMETRIC PRESSURE	PSIA	14.7
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FLOW CONDITIONS

TEMPERATURE	DEGREES F	201.0
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PRESSURE(UPSTREAM)	PSIG	17.0
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PRESSURE DROP	PSI	2.3
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FLUID PROPERTIES

DENSITY AT TEMP.	LB./CU. FT.	0.4798
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MOLECULAR WEIGHT	LB./MOLE	107.30
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COMPRESSIBILITY FACTOR		1.000
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HEAT CAPACITY RATIO		1.12
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VISCOSITY AT TEMP.	CENTIPOISE	0.012
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MAXIMUM FLOW RATE	LB./HR.	18.
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	SCFH	65.
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	MSCFD	2.
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RESTRICTION ORIFICE DATA

INSIDE PIPE DIAMETER	INCHES	1.500
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ORIFICE BORE DIAMETER	INCHES	0.125
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DIAMETER RATIO(BETA)		0.083
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ENTER TITLE

?

VVV 000003292

To _____

From _____

Calculation Sheet

VISTA

Basis : Maximum possible flow rate = 18 lbs material per hour
 Duration of Incident = 1.5 hrs.

		(wt.%) (18#) (1.5 hrs)	
SUBSTANCE	wt. %	Material Released	Violation?
WATER	0.35	0.09 lbs.	No
CHLOROFORM	10.08	2.72 lbs.	No
CARBON TET.	22.84	6.17 lbs.	No
BENZENE	0.14	0.04 lbs.	No
VINYL CHLORIDE	0.12	0.03 lbs.	No
CHLOROETHANE	0.39	0.11 lbs.	No
1,2 DICHLOROETHANE	45.70	17.74 lbs.	No
Trans 1,2 DICHLOROETHYLENE	0.13	0.04 lbs.	No
ETHYLENE	0.08	0.02 lbs.	No
1,1,2 TRICHLOROETHANE	0.00	0 lbs.	No
1,1 DICHLOROETHYLENE	0.01	0.003 lbs.	No
TRICHLOROETHYLENE	0.08	0.02 lbs.	No
TOTALS:	99.9%	26.98 lbs.	

FLOW RATE (MAX.) $\Rightarrow$ from Orifice Rate Calculation (see Attached)

Made By SAC
 Date 5/7/90
 Page _____ of _____

Job No. _____
 Title _____