

Pgk A

To: File C8.4.0

From: R. A. Frohreich
Date: November 10, 1987

Interoffice
Communication

Subject: SUPERFUND REPORTING AND MERC REPORTING

VISTA

At 6:45 a.m. on November 8, 1987, I called the National Response Center (1-800-424-8802) to report a leak of vinyl chloride. Petty Officer Oertle accepted the call and this incident was given file number 14131. I told him this call was concerning a leak of vinyl chloride which is a federally permitted release and does not need to be reported. I explained that I was reporting the leak as a courtesy due to the size of the leak.

He asked my name, the name of the company, and the location and phone number of the company. He asked the time and date of the incident and I told him the leak started at 12:15 a.m. on November 8, 1987, and was stopped at 1:45 a.m. on November 8, 1987. He asked if vinyl chloride went to the atmosphere and I replied yes. He asked the size of the leak and I told him approximately 3000 pounds. I told him if this amount is appreciably changed by later calculations that I would advise the National Response Center. He asked the cause of the release and I told him the leak occurred due to a failure of a gasket between the condenser lid and the condenser on 745 reactor. He asked what was done to control the leak and I told him the vapor space in reactor 745 was equalized into an empty reactor and that the pressure in reactor 745 was reduced to 0 psig using the recovery system.

He asked if I had reported the incident to anyone else and I told him I was going to call the Mississippi Emergency Response Commission and the Mississippi Bureau of Pollution Control.

At 6:50 a.m., I called the Mississippi Emergency Response Commission (MERC) (1-800-222-6362) to report the incident. Linda Woelfle accepted the call. This call is required now that SARA is in effect. I told her I was reporting a leak of vinyl chloride and that since this leak is a federally permitted release and does not require reporting, this report is being done out of courtesy due to the magnitude of the leak. I told her there was no emergency requiring any response from MERC. I gave her the details of the leak. She had no questions. I also told her the state regulation requires that the emergency response coordinator of the local planning committee be given notice also. I told her I did not believe this person had been designated and asked who to report to locally. She said she did not know and would have someone call me on the morning of November 9, 1987.

At 10:00 a.m. on November 9, 1987, I received a call from Bill Austin, Special Projects Officer for SARA Title III. He said he had no record of the emergency response coordinator of the local planning committee being appointed. Mr. Austin said he would advise the local planning committee of the leak and that I would not have to contact them.

At 8:05 a.m. on November 8, 1987, I called Jerry Banks (1-939-4474) at his home to advise him of the leak. I provided him the same information as I did the National Response Center. He had no questions.

R. A. Frohreich

R. A. Frohreich
Director of Environmental Control

rah

cc: JF, JWW, PJK, KLF, VEM, WLM, JCL

11-7-87

To Don Johnson
From B.F. Hawkins
Subject 74SR4 Cond. GASKET FAILURE.

AT 2415 I SAW Readings coming up on the Honeywell unit, N. Wilson the A op. was in Control Room taking a break I ASK WILSON TO GO TO UNIT & Check Readings out N. STAHL went with N. Wilson. When N. STAHL got to unit he Radioed BACK TO D. FLIPPO & SAID DO YOU HAVE ANYTHING OPEN SOMETHING IS BLOWING OUT. I TOLD D. FLIPPO TO CLOSE ALL REACTOR VALVES THIS DID NOT STOP THE BLOWING SOUND. N. STAHL & N. WILSON PUT ON SCOTT AIR PACKS, N. STAHL went TO TOP OF 74SR4 & FOUND THE COND. GASKET LEAKING NORTH SIDE. I PUT SCOTT AIR PACK ON & CUT ON SOUTH & WEST FIRE MONITORS ON & SET FLOW TO HIT @ TOP COND. VALVE. WE ALL LEFT THE AREA & CAME TO THE CONTROL ROOM. SET Deluge WATER OFF TO THE NEW module FROM THE CONTROL ROOM. D. FLIPPO Sounded THE EMERGENCY ALARM THE ANNOUNCED WHERE & WHAT THE EMERGENCY WAS. I CALLED THE Cpt. SUPV & GUARD TO MAKE SURE THEY KNEW. I CALLED DON JOHNSON @ 1230 & TOLD HIM WHAT THE EMERGENCY WAS. THE DRYERS WERE SHUT DOWN ALSO.

741 RX. WAS DOWN RINSING @ Time D. FLIPPO
EVAC. 741 R. Then Equalized 745 R. TO 741 R.
Going Through Reloc Line ON TOP, he Then
put 745 R. on the Reloc System.

Reading were Taken with HNU meter From
Control Room TO The Dryers By Terry BARNES
No Readings were detected.

Reading were Taken in the old module By
R. Jones, Bottom D-300 WAS 4 ppm Top D-300 WAS 5
Bottom 700 RX WAS 8 ppm Top 8 ppm.

Honey well unit now module showed ALL
10 STATIONS TO have Readings 10+ For 7 Rounds
The old module had 3 Rounds with Reading of
10+ ON 7 STATIONS, ALL STATIONS had Some
Readings. The VC TANK FARM Honeywell
Unit showed Readings @ 7 STATIONS.

The Control Room Reading WAS $4\frac{1}{2}$ For one
Round.

To my Knowledge No one WAS over exposed.
Due TO wearing SCOT Air PAKS.

Bobby Hamfrin

DATE: 11-8-87

THE FOLLOWING PEOPLE WERE ASKED IF THEY
WANTED MEDICAL SURVILLANCE DO TO THE D745-
REASON CONDENSED LID CABINET LEAK.

R. RAY	NO
M. THREAGILL	NO
T. BARNES	NO
N. STAH	NO
D. FLIPPO	NO
S. WILKS	NO
N. WILSON	NO
L. CHILDERS	NO
H. PRUITT	NO
R. JONES	NO
J. TATE	NO
B. HAWKINS	NO
P. KOBER	NO
D. JOHNSON	NO

Donald Johnson

OLD UNIT - 11/6/67

POINT

— TIME —→

1	.1	.1	.1	.1	.2	.2	.4	.6	.4	.4	.3	.2	.2	.3	.8	1.7	6.6	10 ⁺	8.3	.3	
2	.1	0	0	.1	.2	.4	.2	.1	0	0	.1	0	.2	.2	.5	1.6	.5	.4	0		
3	.3	.1	0	.5	.3	.3	.4	.5	.7	.2	0	.1	1.8	.6	2.2	10 ⁺	10 ⁺	3.6	.2	0	
4	.2	.2	0	.6	.2	.2	1.1	2.1	.3	.5	.3	0	.3	2.3	.6	10 ⁺	10 ⁺	4.6	.2	.1	
5	.2	.6	.3	.6	.2	.3	.3	.4	.5	1.7	.5	1.5	.9	.4	.3	1.4	3.6	10 ⁺	10 ⁺	.4	
6	.2	0	0	.3	.2	.4	.4	4.3	.5	.5	.2	.3	3.3	3.0	4.7	10 ⁺	10 ⁺	1.3	.3	.3	
7	0	0	0	.2	.1	.3	.3	1.2	.2	.1	0	0	3.5	8.4	2.4	.9	10 ⁺	10 ⁺	1.0	.1	0
8	0	0	.5	.2	.3	.5	1.0	4.6	.4	.2	.1	.1	1.0	4.8	.5	10 ⁺	10 ⁺	9.3	.6	.1	.2
9	0	.1	.4	0	.4	.6	.9	5.6	.5	.2	.1	0	1.2	6.3	4.4	2.1	10 ⁺	10 ⁺	1.0	.2	.1
10	0	0	.5	.2	.1	.5	1.2	2.5	.7	.2	0	.1	1.8	0.7	.7	10 ⁺	10 ⁺	5.0	1.0	0	.2

KEY:

- 1 - Fresh VCM Receiver
- 2 - North " "
- 3 - Large Recovery System, Downstairs
- 4 - " " , Upstairs
- 5 - Dump Source
- 6 - Bottom, 0-300
- 7 - Top, 0-400
- 8 - Bottom, 0-500
- 9 - Top, 0-600
- 10 - Bottom, 0-700

NEW UNIT

11/8/11

Print

[illegible]

KEY

- 1 - Bottom, 741
- 2 - Top, 742
- 3 - Bottom, 743
- 4 - Top, 744
- 5 - Bottom, 745
- 6 - Dump Suction
- 7 - Rec. System, Downstairs
- 8 - Middle VCM Receiver
- 9 - Blowdown Tank
- 10 - Rec. System, Upstairs

16 cycles of
steady decrease to 0.

VCM TK FARM - 11/8/67

POINT

TIME →

1	.2	.2	.2	.6	.2	.3	.7	.6	.7	.2	4.4	.4	.2	.6	3	4.4	.6	.4	.3	.4	.6
2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.3	.1	.2	.2	4.3	.6	.6	.2	.2	.3	.1
3	.2	.1	.2	.2	.6	.2	.2	.2	.2	.1	.3	.2	.2	.2	3.4	10.4	.8	.4	.2	.3	.2
4	.2	.4	.2	.2	.6	.2	.2	.1	.1	.4	.2	.2	.2	.2	1.1	3.9	.5	.2	.1	.2	.2
5	.1	.2	.5	.2	.4	.1	.1	.2	.2	.3	.1	.2	.2	.2	.6	9.3	.5	.2	.3	.3	.4
6	.1	.0	.1	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	0.4	.2	.3	.2	.2	.2
7	.1	.2	.7	3.1	.4	.4	.8	.2	.2	.3	1.4	1.3	10.4	10.4	4.6	1.8	.1	.1	.1	.2	.1
8	.1	.5	.6	3.6	.2	.4	.2	.2	.1	.4	.6	.9	10.4	1.5	2.1	.7	0	.1	.1	.2	.2
9	0	0	0	0	0	0	.1	.5	.4	1.4	1.2	1.4	.2	.1	.1	.1	0	0	0	0	.0
10	0	0	0	0	0	0	.1	0	0	.5	.9	1.2	3.4	4.4	3.6	2.6	1.5	1.1	.2	.2	.2

KEY:

- 1 - VCM Compressor Shed
- 2 - N. VCM Unloading Station
- 3 - N. Middle " "
- 4 - S. Middle " "
- 5 - S. VCM " "
- 6 - VCM sphere
- 7 - ERS, upstairs
- 8 - ERS, downstairs
- 9 - NW-C Dryer drum Tanks
- 10 - Vinyl Control Room

pt

Lab - 11/8/87

Time →

id	1	0	0	.3	0	(1.2)	0	0	0	(2.0)	(1.4)	0.9	0	.2	.3	.1
mn	2	0	0	0	.2	.5	.6	.5	.3	.2	.1	0	0	0	0	0
BlDg	3	0	0	.2	.6	(1.1)	(1.1)	.6	.4	.6	.1	0	0	0	0	0
QC	4	0	.2	.3	.6	(1.1)	.4	.2	.1	.1	.1	0	0	0	0	0
GC	5	0	0	.2	.5	.7	.5	.3	.2	.1	.1	0	0	0	0	0
S.P-1	6	0	.3	.9	.7	0	0	0	0	0	0	0	0	0	0	0
Comp	7	0	.5	.6	.6	.2	0	0	0	0	0	0	0	0	0	0
DB Bldg	8	0	.3	.8	.7	.3	0	0	0	0	0	0	0	0	0	0
FO	9	0	0	0	0	.2	0	0	.3	0	0	0	0	0	0	0
Breath Air	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

- KEY:
- 1 - Guard House
 - 2 - Maint. Shop
 - 3 - #1 Dryer Blend Tanks
 - 4 - Q.C. Lab
 - 5 - G.C. Lab
 - 6 - S. of Plasticizer Building
 - 7 - Compound Line I
 - 8 - Dry Blend Building
 - 9 - Main Offices
 - 10 - Plant Breathing Air

To P. KOBEN

From D-501501

Calculation Sheet

VISTA A

SEVERITY OF LEAKING ON HONNBYWAI
CHAMTS DURING 745 COND LID GASKET LEAK

LAB

6 TOTAL PPM

7 @ 0-1 "

"

NEW UNIT 296 TOTAL

87 @ 10 PPM

0 @ 9 "

0 @ 8 "

1 @ 7 "

2 @ 6 "

0 @ 5 "

5 @ 4 "

6 @ 3 "

7 @ 2 "

28 @ 1 "

160 @ 0-1 "

VIC TANK FARM = 45 TOTAL

3 @ 10 PPM

2 @ 9 "

3 @ 4 "

4 @ 3 "

3 @ 2 "

10 @ 1 "

OLD UNIT = 120 TOTAL

28 @ 10 PPM

1 @ 9 "

1 @ 8 "

0 @ 7 "

2 @ 6 "

1 @ 5 "

7 @ 4 "

6 @ 3 "

5 @ 2 "

6 @ 1 "

55 @ 0-1 "

NOTE: @ 10 = 10 OR ABOVE

9 = 9-10 PPM

8 = 8-9 PPM

* PTC.

Made By _____

Date _____

Page _____ of _____

V3-20G-S

Job No. _____

Title _____

VAB.0001215139

A

LOCATIONS: NEW REACTOR MODULE OLD REACTOR MODULE VCM TANK FARM LABORATORY

Circle one of the above

Date 11.7.87

VAB0001215140

NAME																									
Stream No.	TIME	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400	0500	0600
	1	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.4	.9	.0	.6	.71.4	.0	.0	.4	.4	.9	.0	.0	.0
2		.0	.0	.0	.4	.9	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0
4		.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
5		.0	.0	.0	.0	.0	.0	.0	.0	.74	.0	.0	.0	.0	.4	.0	.0	.9	.0	.0	.4	.0	.0	.0	.0
6		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6.9	.0	.0	.0	.0	.0
7		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4.6	.0	.0	.0	.0	.0
8		.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0
10		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Flame On																									
Plant Air On																									

LOCATIONS:

NEW REACTOR MODULE

OLD REACTOR MODULE

VCM TANK FARM

LABORATORY

VCM CONTINUOUS MONITORING LOG SHEET

Circle one of the above

Date11-7-87

NAME

VAB0001215142

TIME	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400	0500	0600
Stream No.	1	2	3	4	5	6	7	8	9	10														
Flame On																								
Plant Air On																								

VCM CONTINUOUS MONITORING LOG SHEET

LOCATIONS:

NEW REACTOR MODULE

OLD REACTOR MODULE

VCM TANK FARM

LABORATORY

Circle one of the above

Date 11-7-87

VAB.0001215143

NAME		6																		1					
TIME	Stream No.	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400	0500	0600
1	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Flame On		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plant Air On		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

OLD REACTOR MODULE

STREAM LOCATIONS

- 401 VCM Receiver
- Recovery System, 2nd Floor
- Dump Sweco
- 3rd Recovery Compressor
- Incinerator
- Middle Receiver
- Bottom of D-300
- Top of D-400
- Bottom of D-500
- Top of D-600

NEW REACTOR MODULE

STREAM LOCATIONS

- Bottom of 741
- Top of 742
- Bottom of 743
- Top of 744
- North of Dump Sweco
- K. O. Tank Pumps, 1st Floor
- Bottom of Middle VCM Receiver
- Rec. VCM Transfer Pumps
- Middle Rec. Comp., 2nd Floor
- Fresh VCM Charge Pump

VCM TANK FARM

STREAM LOCATIONS

- South Unloading Station
- Middle Unloading Station
- North Unloading Station
- Compressor Shed
- Process Control Room
- VCN Storage Tanks - 201 & 202
- Respirator Air Filter Outlet
- Dryer Line #6, Blend Tanks, 1st Flr.
- Dryer Line #6, Activ., 1st Floor
- Respirator Air Filter Inlet

LABORATORY UNIT

STREAM LOCATIONS:

- Guard House
- Front Office
- QC Lab
- Develop. Lab
- Wetex Deck
- P-1 Building
- Dry Blend Control Room
- Maint. Shop
- V-10 Building
- Line 1