



INDUSTRIES

PPG INDUSTRIES, INC. CHEMICAL DIVISION - U.S. P. O. BOX 1000 LAKE CHARLES, LA. 70602

November 1, 1990

Ms. Diana Buck  
Enforcement Branch  
U S Environmental Protection Agency  
1445 Ross Avenue, Ste. 1200  
Dallas, TX 75202-2733

Dear Ms. Buck:

Permit No. LA0000761 - Non-Compliance Report

In accordance with the NPDES Permit #LA0000761 Part II Section D reporting requirements, PPG Industries, Inc., Lake Charles Plant is hereby submitting the attached report of a copper permit limit violation which occurred at Outfall 201 on October 29, 1990.

If you have any questions regarding this report, contact me at (318) 491-4450.

Sincerely,

Mark Wood  
Associate Research Chemist

MWW/vc

CERTIFIED MAIL

SL 026712

NPDES NON-COMPLIANCE REPORT

|                         |                                                         |
|-------------------------|---------------------------------------------------------|
| Company Name            | PPG Industries, Inc.                                    |
| Mailing Address         | P. O. Box 1000<br>Lake Charles, LA 70602                |
| Company Location        | Columbia Southern Road<br>Westlake, LA 70669            |
| Permit Number           | LA 0000761                                              |
| Outfall Number          | 201                                                     |
| Outfall Parameter       | Copper                                                  |
| Date of Deviation       | October 29, 1990                                        |
| Time of Deviation       | 24-Hour Composite ending<br>October 30, 1990 at 7:00 am |
| Maximum Discharge Limit | 49.3 lbs/day                                            |
| Limit Deviation         | +22.9 lbs/day                                           |

Description of Incident:

On 10/29/90 all three OHC Reactors for production of 1,2-dichloroethane tripped off-line. During the shut-down and subsequent start-up procedures, a large quantity of scrubber water was utilized. This water was directed to the metals treatment unit for copper removal. This flowrate exceeded the capacity of the control unit and excessive copper discharge was detected by the unit's automated process copper analyzer. Production rates were cut back and with the reduced flowrates, copper control was reestablished. However, due to the retention time in the treatment equipment, a violation occurred for this 24-hour period. The following 24-hour composite confirmed copper discharge was in control.

An engineering study is underway to investigate installation of a third parallel Lamella Settler to increase capacity to cope with such abnormal demand in the future.

Phone Notifications: October 31, 1990 by M. Wood

1. EPA, 11:59 AM, D. Buck
2. DEQ (Baton Rouge), 8:50 AM, C. Webster