



PPG Industries, Inc. Chemicals P.O. Box 1000 Lake Charles, Louisiana 70602

January 7, 1991

Ms. Diana Buck
Enforcement Branch (6W-E)
U S Environmental Protection Agency
1445 Ross Avenue, Ste. 1200
Dallas, TX 75202-2733

Dear Ms. Buck:

Permit No. LA0000761 - Unanticipated Bypass 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 the January 2, 1991 unanticipated bypass resulting in exceedance of the effluent mercury limitation at Outfall 101.

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

Sincerely,

A handwritten signature in cursive script that reads 'Mark Wood'.

Mark Wood
Associate Research Chemist

MWW/vc

CERTIFIED MAIL

SL 026721

UNANTICIPATED BYPASS REPORT

<u>DATE</u>	<u>OUTFALL</u>	<u>PARAMETER</u>	<u>LIMIT</u>	<u>EXCURSION</u>
1/2/91	101	Hg (24 hr composite)	0.30 lb/day	+4.2 lb/day

EXPLANATION

At 3:55PM on the above date, after several hours of rain, collection of stormwater runoff was halted for 3-1/2 hours. The diversion of runoff directly to the outfall was necessary to prevent overflow from the raw wastewater storage and is proper operating procedure after extended periods of heavy rain. The rarely utilized diversion does not normally result in increased mercury discharge as the "first flush" of surface contamination is collected and treated prior to the cessation of collection. Analysis of the composite sample ending on January 3, 1991 at a point downstream of the confluence of both Mercury Internal Outfall Locations and the diverted stormwater resulted in the measurement of 4.5 lb/day mercury discharged. NPDES compliance monitoring for this same period at Outfall 101, locations 2 and 3, indicated proper mercury control with a combined discharge rate of 0.013 lb/day.

Investigation of the system by operations personnel revealed no malfunction or condition that could account for the discharge. The downstream composite sample, Outfall 101, location 1, analyzed for mercury the following 24-hour period, was near normal.