



VIRGINIA POWER

December 27, 1993

Ms. Camille Cook  
Piedmont Regional Office  
Department of Environmental Quality  
Water Division  
P. O. Box 11143  
Richmond, VA 23230

**RE: SURRY POWER STATION - OIL DISCHARGE REPORT - PREP #94-1332,  
NRC #213398**

Dear Ms. Cook:

This is in follow-up to the telephone notification of a discharge of oil reported to Ms. Martha Hunter at 1600 hours on 12-20-93. Notification was also made to the National Response Center (NRC) and, via the NRC, the U. S. Coast Guard.

At about 1415 hours on 12-20-93, oil was found at the permanent oil boom in the station's discharge canal. Surry Power Station response personnel deployed an additional oil boom downstream of the permanent boom to aid in the capture and collection of the floating oil. During response operations, at about 1525 hours, it was discovered that there was oil on the James River outside of the discharge canal. Original estimates of the amount of oil involved were a total of less than 5 gallons with less than one gallon in the river.

Capture and collection operations continued until just before dark on 12-20 with all apparent oil being removed from the water in the discharge canal with absorbents. The secondary boom and absorbents were left in place overnight to catch any residual amounts of oil which may remain. On the morning of 12-21-93, cleanup operations were completed and no oil remained in the canal.

At the time of discovery of the oil in the canal, there was no ongoing discharge. Station staff inspected all pipes and storm water conveyances leading to the discharge canal. No discharge of oil was found nor was there any evidence of oil in any discharge route from the station. Station operations were reviewed and no leaks were found from any facilities nor were there any activities which could have resulted in a discharge of oil. No source of a discharge of oil could be identified at Surry Power Station.

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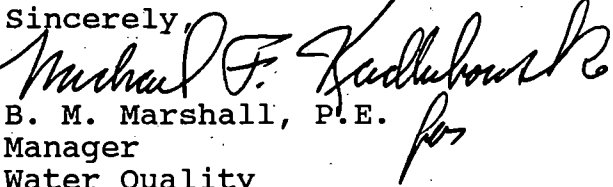
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The reports of this event, and response operations, were made under the initial assumption that the oil in the discharge canal originated from station operations. However, there were circumstances which allow the potential for an outside source. The event occurred during an incoming tide and oil was found on both sides of the permanent oil boom. On the morning of 12-20 there were two private boats inside the discharge canal, downstream of the oil boom. This is a common occurrence since the lower canal is accessible from the river and the warm water discharge is popular with fishermen. Observers reported that one of the boats was being bailed while in the canal. It is also likely that the estimated quantities of oil involved were excessive.

The source of the oil in this event remains undetermined. With the exception of the lesser amount which escaped into the James River, all of the oil has been removed by station personnel for proper disposal.

Should you need additional information or have any questions about this matter, please contact Daniel James at 273-2996.

Sincerely,

  
B. M. Marshall, P.E.  
Manager  
Water Quality

cc: U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta St., NW, Suite 2900  
Atlanta, GA 30323  
Re: Surry Units 1 & 2  
Docket Nos. 50-280/50-281  
License Nos. DPR-32/DPR-37

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555  
Re: Surry Units 1 & 2  
Docket Nos. 50-280/50-281  
License Nos. DPR-32/DPR-37

Mr. M. W. Branch  
NRC Senior Resident Inspector  
Surry Power Station

Commanding Officer, U. S. Coast Guard  
Marine Safety Office  
200 Granby St.  
Norfolk, VA 23510-1888  
Attn: Pollution Response Branch  
Fax (804) 441-3262