

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED



VIRGINIA POWER

August 2, 1991

Christopher P. Thomas  
Acting Chief  
U.S. Environmental Protection Agency  
Region III  
Oil and Title III Section (3HW34)  
841 Chestnut Building  
Philadelphia, PA 19107

RE: OIL SPILL QUESTIONNAIRE VA91337 - 7/4/91  
MINERAL, LOUISA COUNTY, VIRGINIA

Dear Mr. Thomas:

Attached is the completed spill questionnaire for the above referenced incident.

If you have any questions or desire additional information, please contact us.

Sincerely,

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

Attachment

cc: U.S. NRC  
Docket No. 50-338/50-339  
101 Marietta St., NW  
Suite 2900  
Atlanta, GA 30323

U.S. NRC  
ATTN: Docket Control Desk  
Docket No. 50-338/50-339  
Washington, D.C. 20555

NRC Senior Resident Inspector  
Docket No. 50-338/50-339  
North Anna Power Station



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III

841 Chestnut Building  
Philadelphia, Pennsylvania 19107

JUL 23 1991

Virginia Power  
P. O. Box 402  
Mineral, VA 23117

RE: VA91337 07/04/91 Mineral, Louisa County, Virginia

Gentlemen:

This office has received notification that your facility discharged oil or hazardous materials in quantities that may be harmful, in violation of Section 311(b)(3) of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S.C. Section 1321(b)(3). Pursuant to Section 308(a), 33 U.S.C. Section 1318(a), you are hereby required to submit to EPA the following information. Any person who violates Section 308 is subject to a civil penalty of up to \$10,000 per day of violation 33 U.S.C. Section 1319(d). Further, any person who willfully or negligently violates Section 308 may be punished by a fine of not less than \$2,500, nor more than \$25,000 per day of violation, or by imprisonment for not more than one year or both. 33 U.S.C. Section 1319(c)(1).

1. Does the facility have a National Pollutant Discharge Elimination System (NPDES) Permit? YES or NO Yes  
If YES, state the Permit number: VA0052451

2. Does the facility currently have a Resource Conservation and Recovery Act (RCRA) Permit or is the facility under Interim Status?

No

3. Does the facility have a Spill Prevention Control and Countermeasure (SPCC) Plan certified and implemented in accordance with 40 CFR 112?

YES or NO: Yes

4. Time and date of discharge.

Just prior to 1330 hours, July 4, 1991.

5. Date and time of discovery that the discharge was entering the waterways.

At 1330 hours, July 4, 1991

6. Description of the vehicle or facility from which the material was discharged (i.e., pipeline, tank, well, etc.):

Oil/Water Separator

7. Name and address of the owner of the vehicle or facility described above in (6).

Virginia Electric & Power Company

Attn: B. M. Marshall

Manager-Water Quality Department

5000 Dominion Blvd.

Glen Allen, VA 23060

8. Name and address of the operator of the vehicle or facility described above in (6) and, if different from (7) above, describe the relationship between the owner and operator (i.e., employee, subcontractor, lessee, etc.)

Same as 7 above

9. Location of the discharge, including county and state.

Discharge Canal leading to Lake Anna in Louisa County, Virginia

10. List the type of oil and total storage capacities at the facility for any oil related products. Describe the storage tanks at the facility, (e.g., above ground, underground, etc.)

See attached sheet

11. Material(s) discharged.

Fuel Oil

12. Quantity of material discharged from the facility or vehicle.

Estimated Amount - two gallons

13. Did the material enter into any water? (YES or NO) Yes

Did the material enter into any sewer? (YES or NO) No

- (a) If YES, describe the first water reached and the location of this water.

The discharge canal leading to Lake Anna

- (b) State the quantity of material entering the water described above in 13(a).

Estimated amount - less than two gallons

- (c) State the quantity of material reaching the shoreline of the water described above in 13(a) which did not enter the water.

None

- (d) Was the water described above in 13(a), at the time of the spill, a tributary of, or physically connected to a navigable waterway.

(YES or NO) Yes

- (e) If the answer to 13(d) is YES, describe or name the waterways to which the waters in 13(a) connect or flow.

Lake Anna and North Anna River

- (f) If the answer to 13(d) is NO, does the water described above in 13(a) periodically connect with or flow into any hydrological or creek system? If YES, describe the flow and connection.

N/A

14. Did the discharge violate any applicable water quality standards, (e.g., NPDES)? If YES, describe:

To the best of our knowledge, no Water Quality Standards were violated.

No analytical data obtained. No oil was detected outside of the discharge canal.

15. Did the material cause a film, sheen, discoloration or iridescent appearance on the adjoining shorelines of, or surface of, any water described above in 13(a) (e) or (f)? If YES, describe:

13 (a) Yes (e) No (f) N/A - The oil was contained within the discharge canal by an oil boom at the end of the canal.

16. Did the material cause any sludge or emulsion to be deposited on the adjoining shorelines of, or beneath the surface of, the waters described above in 13(a) (e) or (f)? If YES, describe:

No

17. Describe any observed damage to animal life or vegetation.

None observed

18. Describe in detail what actually caused the discharge.

During an unusually heavy rainfall event, approximately 2 gallons of fuel oil from the truck unloading area spill basin was washed into a storm drain. Due to hydraulic overload, the oil/water separator in the storm drain was unable to contain all of the oil, which washed into the discharge canal.

19. Describe steps taken to contain and clean up the spilled material and mitigate environmental damage.

Absorbent pads were employed at the spill basin, the storm drain, and the oil/water separator wier, and along the oil containment booms in the discharge canal and at the end of the canal.

20. Describe action taken or proposed to prevent a recurrence of this type of spill.

As in this event, established procedures will be used to contain the oil should such event recur. However, the truck unloading area spill basin is being evaluated for any design changes which could preclude washout of oil in the future.

21. List the federal and state agencies, if any, to which the owner or operator reported the discharge. Show the agency, its location, the date and time of notification and the official contacted.

National Response Center, Washington, DC, 7-4-91, 1415 Hours, Mr. Wiker.

Virginia Water Control Board, through Va. Dept. of Emergency Services, Chesterfield, VA, 7-4-91, 1415 Hours, Mr. Sineath.

22. List the state and local officials who were on-scene at the spill during or after clean up.

None

23. List the names and addresses of persons believed to have knowledge of the facts surrounding this incident.

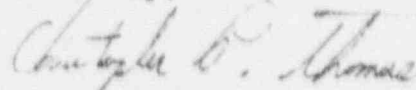
G. E. Kane, North Anna Power Station

P. O. Box 702, Mineral, VA 23117



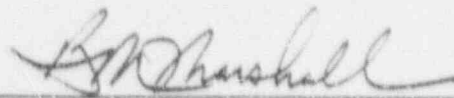
If you cannot answer this letter by AUG 13, or if there are any questions on this matter, you may call Bernie Stepanski or Regina A. Starkey at (215) 597-3152.

Sincerely,



Christopher P. Thomas, Acting Chief  
Oil and Title III Section

Signature: \_\_\_\_\_



I hereby certify the above to be true and accurate to the best of my knowledge.

This information request is not subject to review by the Director of OMB pursuant to the requirements of the Paperwork Reduction Act, 44 U.S.C. Section 3507.

Location of Oils - North Anna Power Station Operations

Fuel Oil - No. 2

1	5,000 bbl storage tank (210,000 gal)	Above ground
2	50,000 gallon storage tank	Below ground
4	1,000 gallon day tanks	Diesel Generator Room
	Maximum Storage Capacity	314,000 gallons
	Average Daily Usage	6,000 gallons
	Average Daily Received	6,000 gallons
1	250 gallon fire pump-tank	Within Service water pump house
1	270 gallon fire pump-tank	Within Warehouse No. 5 pump house

Lubricating Oil

2	16,000 gallon storage tank	Within Turbine Building
2	14,000 gallon storage tank	Within Turbine Building
2	2,000 gallon storage tank	Within Turbine Building
2	200 gallon storage tank	Within Turbine Building
	Maximum Storage Capacity	64,000 gallons

Gasoline (Outside security fence - Adjacent to Warehouse No. 2)

1	3,000 gallon tank (regular)	Below ground
1	1,000 gallon tank (unleaded)	Below ground

Transformers

4	18 MVA Station transformers	Cooling water intake structure
3	330 MVA Main station transformers	North side of Turbine Building
6	15 MVA Station service transformers	North side of Turbine Building

Location of Oils - North Anna Unit 3 Construction

Fuel Oil - Diesel

1	7,500 gallon tank (fuel depot)	Below ground
1	7,500 gallon tank (Warehouse No. 1)	Below ground