Post Office Box 26666
Richmond, Virginia 23261

VIRGINIA POWER

June 19, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

U. S. Environmental Protection Agency
Region III
Superfund Branch (3HW22)
Curtis Building
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

Oil Spill Questionnaire VA-85-189 - 5/18/85 - North Anna Power Station

Gentlemen:

Attached is the completed form submitted to this office on June 5, 1985 by Mr. Thomas Voltaggio on the above referenced oil spill.

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

Very truly yours,

Michael F. Kochubowski for

John A. Taylor, Ph.D.
Manager
Water Quality

cc: Mr. W. L. Kregloe, SWCB (With Enclosure)
Dr. J. Nelson Grace, USNRC, Docket No. 50-338/50-339 (Enclosure)
Mr. Harold R. Denton, USNRC, Docket No. 50-338/50-339 (Enclosure)
Mr. M. W. Branch, USNRC, Docket No. 50-338/50-339 (With Enclosure)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

June 5, 1985

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

Re: VA-85-189 5/18/85, North Anna Power Station, Louisa Co., W.V.

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. 1321(b)(3). You are hereby requested to submit to EPA the following information:

(a) Time and date of discharge:

1410 hours, May 19, 1985

(b) Material(s) discharged:

lubricating oil

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

oil/water separator

(d) Name and address of the owner/operator of the vehicle or facility described above in (c):

Virginia Electric and Power Company
Attention: Dr. John A. Taylor, Water Quality Department
P. O. Box 26666, Richmond, Virginia 23261

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

See (d) above

(f) Location of the discharge, including county and state:
The discharge canal from North Anna Power Station,
Louisa County, Virginia

(g) Quantity of material discharged from the facility or vehicle:
Approximately 1 gallon

(h) Did the material enter into any water (YES or NO): Yes

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

(1) If YES, describe the first water reached and the location of this water:
The discharge canal leading to Lake Anna

(2) State the quantity of material reaching the water described above in (h)(1):
Approximately 1 gallon

(3) State the quantity of material reaching the shoreline of the water described above in (h)(1) which did not reach the water:
Unknown

(4) Was the water described above in (h)(1), at the time of the spill, a tributary of, or physically connected to, any part or tributary of a riverine, hydrological or creek system? (YES or NO): Yes

(5) If the answer to (h)(4) is YES, describe or name the waterways to which the waters in (h)(1) connect or flow:
Lake Anna and the North Anna River

(6) If the answer to (h)(4) is NO, does the water described above in (h)(1) periodically connect with or flow into any tributary or part of any riverine, hydrological or creek system? If YES, describe the flow and connection:
N/A

(i) Did the material cause any film, sheen, discoloration or irridescent appearance on the adjoining shorelines of, or surface of, any water described above in (3), (4), (5) or (6)? If YES, describe:

A light sheen of oil was observed behind a permanently deployed boom around Outfall 004. A small amount of the oil escaped the boom.

(j) 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 (3), (4), (5) or (6)? If YES, describe:

No

(k) Does the facility have a NPDES Permit? YES or NO: Yes

(l) 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 was obtained.

(m) Does the Facility currently have a RCRA Permit or under Interim Status:

Yes. The temporary storage facility is in the process of closure

(n) Date and time of discovery that the discharge was entering the waterways:

May 19, 1985 at 1410 hours

(o) Describe in detail what actually caused the discharge:

No oil spill event is known to have occurred at the facility on May 19, 1985. It is assumed that oil had collected behind the permanently deployed boom from a previous event.

(p) Describe any observed damage to animal life or vegetation:

None was observed

(q) Describe steps taken to contain and clean up the spilled material and mitigate environmental damage:

Station personnel used absorbent pads to remove oil from behind the boom. The small amount which escaped the boom quickly dissipated and no cleanup was possible.

(r) 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:

1) National Response Center, Washington, D. C., May 23, 1985 ~1600 hours

2) Virginia Water Control Board, Valley Regional Office, May 23, 1985 at ~1600 hours (Kregloe)

(s) List the state and local officials who were on-scene at the spill during or after clean up:

None

(t) List the names and addresses of persons believed to have knowledge of the facts surrounding this incident:

E. W. Harrell, Station Manager, North Anna Power Station
P. O. Box 702
Mineral, Virginia 23117

(u) 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

(v) Describe action taken or proposed to prevent a recurrence of this type of spill:

Due to the nature of the spill, no specific action was taken. Station personnel were, however, carefully instructed regarding the requirements for reporting oil spills to the appropriate federal and state agencies within 24 hours.

(w) 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

(x) List any other information you wish to bring to the attention of the federal government:

None

The above information should be mailed to:

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION III
EMERGENCY RESPONSE SECTION (3HW22)
841 CHESTNUT STREETS
PHILADELPHIA, PA 19107

If you cannot answer this letter by June 23, 1985, or if there are any questions on this matter, you may call Carol Oleksiak at (215) 597-9898.

Sincerely,

Thomas C. Voltaggio, Chief
Superfund Branch

Michael F. Kashuba for JOHN A. TAYLOR
I hereby certify the above to be true and accurate to the best of my knowledge.
MGR. - WATER QUALITY

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

Gasoline

1	10,000 gallon tank (fuel depot)	Below ground