

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

R. H. LEASBURG
VICE PRESIDENT
NUCLEAR OPERATIONS

May 26, 1982

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
Attn: Mr. Robert A. Clark, Chief
Operating Reactors Branch No. 3
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 313
NO/JHL:acm
Docket No. 50-339
License No. NPF-7

Gentlemen:

AMENDMENT TO OPERATING LICENSE NPF-7
NORTH ANNA POWER STATION UNIT NO. 2
PROPOSED OPERATING LICENSE AMENDMENT


Pursuant to 10 CFR 50.90, the Virginia Electric and Power Company requests an amendment to Operating License NPF-7 for North Anna Power Station Unit No. 2. The proposed change to the Operating License is enclosed.

License Condition 2.C(21)(d) of the North Anna Unit 2 Operating License states, "VEPCO shall complete modifications to assure adequate access to vital areas and protection of safety equipment following an accident resulting in a degraded core no later than the implementation schedule of NUREG-0737." The implementation schedule stated in NUREG-0737 is July 1, 1982. The proposed change to the Operating License is to complete modifications to assure adequate access to vital areas and protection of safety equipment following an accident resulting in a degraded core no later than January 1, 1983. The proposed amendment is enclosed in Attachment 1. A discussion of the proposed change is provided in Attachment 2.

This request has been reviewed and approved by the Station Nuclear Safety and Operating Committee and the Safety Evaluation and Control staff. It has been determined that this request does not involve an unreviewed safety question as defined in 10 CFR 50.59.

We have evaluated this request in accordance with the criteria in 10 CFR 170.22. Since this request involves a safety issue which the Staff should be able to determine does not pose a significant hazard consideration for Unit 2, a Class III license amendment fee is required for Unit 2. Accordingly, a voucher check in the amount of \$4000.00 is enclosed in payment of the required fees.

Very truly yours,


R. H. Leasburg

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Attachments:

1. Proposed Operating License Amendment
2. Discussion of Proposed Operating License Amendment
3. Voucher Check No. 28138 for \$4000.00

cc: Mr. James P. O'Reilly
Regional Administrator
Region II

COMMONWEALTH OF VIRGINIA)
)
CITY OF RICHMOND)

The foregoing document was acknowledged before me, in and for the City and Commonwealth aforesaid, today by W. L. Stewart, who is Manager-Nuclear Operations and Maintenance, of the Virginia Electric and Power Company. He is duly authorized to execute and file the foregoing document in behalf of that Company, and the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 26th day of May, 19 82.

My Commission expires: 2-26, 19 85.

Ann C. Moore
Notary Public

(SEAL)

M004

CHECK VOUCHER
1578

BANK NO. 25

CHECK NO. 28138

DATE 05/24/82

VENDOR NO. 3301

LINE	DATE	INVOICE NO/OR DESCRIPTION	GROSS AMOUNT	DISCOUNT	NET AMOUNT
1	05/18/82	NA 2 LICENSE AMENDMENT	4,000.00	0.00	4,000.00

ATTACHED CHECK ISSUED AS PAYMENT OF ITEMS LISTED ABOVE - PLEASE DETACH STUB AND CASH CHECK PROMPTLY.

Vepco

BANK OF VIRGINIA

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA

88 589
514

VOID IF NOT CASHED IN 90 DAYS

PAY FOUR THOUSAND AND 00/100 DOLLARS

03301 25 0028138 00000400000

TO THE
ORDER
OF UNITED STATES NUCLEAR
REGULATORY COMMISSION
NUCLEAR REG C DC 20555

BK	CHECK NO.	DATE	VENDOR NO.	AMOUNT
25	28138	05/24/82	3301	\$4,000.00

03301 25 0028138 00000400000

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ATTACHMENT 1

PROPOSED OPERATING LICENSE AMENDMENT

(c) Reactor Coolant System Vents (Section 22.2 Item II.B.1)

VEPCO shall submit procedural guidelines and analytical bases for the reactor coolant system vents. The reactor coolant system vents shall be installed no later than the implementation schedule of NUREG-0737.

(d) Plant Shielding (Section 22.3 Item II.B.2)

VEPCO shall complete modifications to assure adequate access to vital areas and protection of safety equipment following an accident resulting in a degraded core no later than January 1, 1983.

(e) Post-Accident Sampling (Section 22.3 Item II.B.3)

VEPCO shall complete corrective actions needed to provide the capability to promptly obtain and perform radioisotopic and chemical analysis of reactor coolant and containment atmosphere samples under degraded core conditions without excessive exposure at the first outage of sufficient duration but no later than July 1, 1982.

(f) Relief and Safety Valve Test Requirements (Section 22.3 Item II.D.1)

VEPCO shall complete tests to qualify the reactor coolant system relief and safety valves under expected operating conditions for design basis transients and accidents no later than July 1, 1982.

(g) Auxiliary Feedwater Initiation and Indication (Section 22.3 Item II.E.1.2)

VEPCO shall implement the modification to upgrade the safety-grade indications of AFW flow from semi-vital bus power to vital bus power no later than January 1, 1981.

(h) Containment Dedicated Penetrations (Section 22.3 Item II.E.4.1)

VEPCO shall install redundant remote actuated valves in series to isolate the containment vacuum pumps from the combustible gas control system. VEPCO shall also convert the manual valves in the hydrogen recombiner piping to remote manual actuation no later than the implementation schedule of NUREG-0737.

(i) Additional Accident Monitoring Instrumentation (Section 22.3 Item II.F.1)

VEPCO shall install and demonstrate the operability of instruments for continuous indication in the control room of the following variables. Each item shall be completed by the specified date in the condition:

ATTACHMENT 2

DISCUSSION OF PROPOSED OPERATING LICENSE AMENDMENT

DISCUSSION OF PROPOSED OPERATING LICENSE AMENDMENT

North Anna Unit 2 License Condition 2.C(21)(d) states "VEPCO shall complete modifications to assure adequate access to vital areas and protection of safety equipment following an accident resulting in a degraded core no later than the implementation schedule of NUREG-0737."

All requirements of License Condition 2.C(21)(d) will have been met when the installation of remotely operated valves and associated piping in the Atmosphere Cleanup System is complete.

The delay in completing this modification was caused by equipment delivery problems. Unit 2 is currently in a refueling outage and Unit 1 is scheduled for a refueling outage in early summer. Since portions of the Atmosphere Cleanup System are shared, completion of the Unit 1 modification is necessary in order for the Unit 2 system to be fully operable. The intent is to complete these modifications by the end of the Unit 1 outage which may exceed the July 1, 1982 date. The proposed License Condition change will state "VEPCO shall complete modifications to assure adequate access to vital areas and protection of safety equipment following an accident resulting in a degraded core no later than January 1, 1983.

The probability of occurrence or the consequences of a malfunction of equipment important to safety and previously evaluated in the FSAR is not increased because of a delay in installation of modifications to assure adequate access in vital areas and protection of safety equipment following an accident resulting in a degraded core.

The possibility of a different type of accident or malfunction than was previously evaluated in the FSAR has not been created because a delay in installation would not disallow the use of other safety related equipment following an accident resulting in a degraded core.

The margin of safety as described in the BASIS section of any part of the Technical Specifications is not reduced because other safety related equipment following an accident resulting in a degraded core can be utilized.