

Docket 50-339

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

DEC 28 1979



DOCKET NO.: 70-2718

APPLICANT: Virginia Electric and Power Company (VEPCO)

FACILITY: North Anna Power Station, Unit 2

SUBJECT: LICENSE AMENDMENT APPLICATION DATED OCTOBER 16, 1979

Background

VEPCO is authorized under NRC Materials License No. SNM-1801 to possess fuel and accessories for eventual use in the VEPCO North Anna Power Station, Unit 2. The subject October 16, 1979, application requests that the license expiration date be extended, and that existing license conditions requiring a center-to-center minimum spacing of 21 inches between stored fuel assemblies be deleted to permit VEPCO to use high density storage racks which provide a center-to-center spacing of 14 inches.

General

Delays associated with construction and licensing of the facility are such that an operating license will not be issued for the facility prior to the December 1, 1979, scheduled expiration date of SNM-1801. (The license is currently in effect under the timely renewal provision of 10 CFR 70.)

Radiation Safety and Environmental Considerations

Extension of the license expiration date and approval of the storage of fuel assemblies in the spent fuel pool on 14-inch centers do not change any of the previously approved radiological safety parameters, nor does it affect previous environmental considerations.

Nuclear Safety

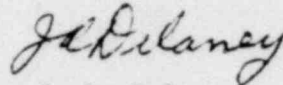
The storage of fuel assemblies in the spent fuel pool at a 14-inch center-to-center spacing has been approved for the North Anna Power Station, Unit 1 by Amendment No. 14 to Facility Operating License NPF-4 issued August 17, 1979. The spent fuel pool has been filled with water which will provide some measure of shielding between assemblies.

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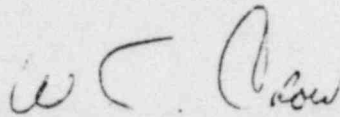
Recommendation

I recommend that the license amendment be issued as requested by VEPCO.



J. C. Delaney
Uranium Fuel Licensing Branch
Division of Fuel Cycle and
Material Safety

Approved By



W. T. Crow, Section Leader