

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

October 19, 1983

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

Serial No. 597
NO/LAJ/JHL:acm
Docket No. 50-339
License No. NPF-7

Gentlemen:

VIRGINIA ELECTRIC AND POWER COMPANY
NORTH ANNA POWER STATION UNIT NO. 2
STATUS OF LICENSE CONDITION 2.C(4)(c)

In your letter dated June 15, 1983, you requested additional information related to the status of vendor repair or redesign or provisions for obtaining other qualified Resistance Temperature Detectors (RTD's) and a proposed schedule for installing qualified RTD's in the North Anna Unit 2 Reactor Coolant System (RCS).

As a result of the further investigations conducted, the previous problems identified with the Weed Instrument Company RTD's during the replacement work conducted at the refueling outage appear to be best identified as anomalies in the results of pre-installation field testing of the devices. These anomalies have since been resolved between Vepco and the manufacturer. New unit sets of RTD's are being manufactured by Weed Instrument Company with improvements that minimize the potential for recurrence of the anomalous responses previously noted. In addition, Vepco Station Maintenance personnel will observe testing and receive field installation training at the manufacturer's facility.

Specific devices have been modified in design to accomodate unique physical interference problems identified during the refueling outage.

It is Vepco's current intention to install the Weed Instrument Company RTD's during the forthcoming refueling outages tentatively scheduled for June, 1984 (Unit 1) and for October, 1984 (Unit 2). Vepco has completed an examination of prototypes of the new RTD's and find them to be satisfactory for their intended use.

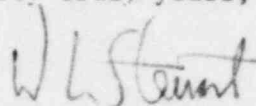
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VIRGINIA ELECTRIC AND POWER COMPANY TO Harold R. Denton

Vepco will continue to conduct the interim tests required by the stipulations of License Condition 2.C(4)(c). The information contained herein amends our previous submittal of May 27, 1983 and the 10 CFR Part 21 report submitted on the same date.

Very truly yours,


W. L. Stewart

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

Mr. M. B. Shymlock
NRC Resident Inspector
North Anna Power Station