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DUKE POWER

May 7, 1991

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Catawba Nuclear Station, Unit 2
Docket No. 50-414
Eighteenth Quarterly Update to Startup Report

In accordance with Section 6.9.1.3 of the Catawba Nuclear Station Technical Specifications, find attached the eighteenth quarterly update to the Unit 2 Startup Report. As indicated in my February 7, 1991 letter, one test is not complete. Additional quarterly updates to the Startup Report will be submitted as required by the Technical Specifications.

Very truly yours,

A handwritten signature in cursive script that reads "M. S. Tuckman".

M. S. Tuckman

CRL/18THUPSR

Attachment

xc: S. D. Ebnetter
Regional Administrator, Region II

R. E. Martin, ONRR

W. T. Orders
Senior Resident Inspector

9105160039 910507
PDR ADOCK 05000414
P PDR

Handwritten initials "K26" and a vertical line.

STARTUP REPORT QUARTERLY UPDATE
CATAWBA UNIT 2 CYCLE 1
May 7, 1991

TESTING COMPLETED DURING QUARTER

None.

STATUS OF TESTING NOT COMPLETE

STEADY STATE PIPING SYSTEMS OPERATIONAL VIBRATION MEASUREMENT -
TP/2/A/1200/21

This test was described in Sections 10.5 and 11.5 of the Startup Report. This test is complete except for retesting the piping associated with the Diesel Generator Fuel Oil and Lube Oil Systems. Additional restraints were installed during the EOC-1 refueling outage. However, further modification was found to be necessary. This modification involved the replacement of rigid piping with flexible piping. Vibration testing following completion of the modification indicated that overall vibration levels had been reduced. However, vibration levels in isolated portions of the piping still exceeded the allowable criteria. These levels were evaluated and found to not constitute an imminent danger of failure. To resolve these isolated problems, modifications were planned which will result in a piping configuration similar to Unit 1. These modifications include the replacement of non-standard fittings with standard fittings, deletion of unnecessary flanges, and valve relocation. Due to the extent of these modifications, work requests have been issued to perform these modifications during the Unit 2 EOC 4 refueling outage scheduled for the fourth quarter of 1991.