

DUKE POWER COMPANY

P.O. BOX 33189  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

August 8, 1985

TELEPHONE  
(704) 373-4531

Dr. J. Nelson Grace, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

Subject: McGuire Nuclear Station, Unit 2  
Docket No. 50-370  
Startup Report (Cycle 1)-Supplement 6

Dear Dr. Grace:

Pursuant to Technical Specifications 6.9.1.1, 6.9.1.2, and 6.9.1.3, attached are two copies (per NRC Regulatory Guide 10.1) of supplement 6 to the startup report for McGuire Nuclear Station, Unit 2/Cycle 1. During the previous 90 days, additional testing on McGuire Unit 2 was performed per TP/2/A/1200/27A, Reinspection of Piping Dynamic Response Following Reactor Trip. Attachment 1 provides a description of this work. As indicated in the attachment, this procedure remains open pending resolution of a problem with one hanger. Future supplements will track the progress of this work. In addition, TP/2/A/2650/25, PD Pump Control of Pressurizer Level at 30% Power will be deleted since all the requirements of FSAR Section 14.0 Table 14.1.4-1 page 19 of 35, Pressurizer Pressure and Level Control System Test, were met in a previously completed test. Consequently, only one Unit 2/Cycle 1 startup test remains uncompleted.

The startup test program is still not complete since not all of the power escalation testing has been performed. Accordingly, pursuant to T. S. 6.9.1.3, additional supplementary reports will be submitted at least every 3 months until completion of all power escalation testing. The next supplemental report keeping you apprised of the progress of this testing will be filed by November 1, 1985.

Please advise if there are any questions concerning this supplement.

Very truly yours,

*H.B. Tucker*

Hal B. Tucker

PBN/hrp

Attachment

8606050391 850808  
PDR ADOCK 05000370  
P PDR

✓ 85-15

Dr. J. Nelson Grace, Regional Administrator  
August 8, 1985  
Page 2

cc: Document Control Desk (36)  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 2055

Mr. Darl Hood  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. W. T. Orders  
NRC Resident Inspector  
McGuire Nuclear Station

Attachment 1

McGuire Nuclear Station - Unit 2  
Startup Report Addendum  
August 8, 1985

TP/2/A/1200/27A - Reinspection of Piping Dynamic Response Following Reactor Trip

On May 16, 1985, McGuire Unit 2 tripped from approximately 96% power. On May 17, 1985 Maintenance personnel reinspected the hangers that were outstanding discrepancies. These had been repaired at the refueling outage.

All discrepancies were resolved with the exception of hanger 2CFH44 on the Feedwater System. This hanger again was in need of mechanical repair and failed to pass inspection. Repair of this hanger cannot be done on line.

Design Engineering has been asked to resolve the problem with a redesign of the hanger. This procedure will remain open until this problem is resolved.

TP/2/A/2650/25 - PD Pump Control of Pressurizer Level at 30% Power

As indicated in the previous Unit 2/Cycle 1 Startup Addendum No. 5 dated May 3, 1985, major modifications to the positive displacement (PD) pump and associated piping were planned for some future date. Modifications to the Unit 2 PD Pump have not been made; however, modifications to the Unit 1 PD Pump have been made and some testing of the redesign has been done. Once the Unit 1 System is performing satisfactorily, the Unit 2 system will be modified accordingly.

TP/2/A/2650/25, PD Pump Control of Pressurizer Level at 30% Power, was written to use the PD Pump to check the same controls as previously checked by the Centrifugal Charging Pumps in TP/2/A/2600/11, Pressurizer Pressure and Level Control System Test. The stations position is that all the requirements of FSAR Section 14.0 Table 14.1.4-1 Page 19 of 35, Pressurizer Pressure and Level Control System Test, were met in TP/2/A 2600/11, Pressurizer Pressure and Level Control System Test. Therefore, TP/2/A/2650/25 will be deleted and this test is considered closed.