

DUKE POWER COMPANY

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June 27, 1984

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief  
Licensing Branch No. 4

Re: Catawba Nuclear Station  
Docket Nos. 50-413 and 50-414

Dear Mr. Denton:

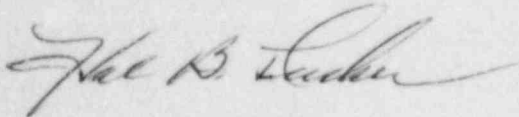
Section 13.5.3 of the Catawba Safety Evaluation Report discusses License Condition 25, Review of Power Ascension Test Procedures and Emergency Operating Procedures by NSSS Vendor (I.C.7).

Requirements for NSSS vendor review of low power and power ascension test procedures are addressed in NUREG-0660. As required by this NUREG, vendor review of low power test procedures must be completed before fuel loading and review of power ascension test procedures must be completed prior to full power operation.

This is to advise that the pre-critical, low power, and power ascension test procedures identified in Attachment 1 have been reviewed by the NSSS vendor (Westinghouse). Comments received are under review for incorporation into the appropriate procedure.

This item was identified in IE Inspection Report 50-413/84-29 and is being tracked by NRC/Region II as Inspector Follow-up Item 413/84-29-07.

Very truly yours,



Hal B. Tucker

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cc: Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323

NRC Resident Inspector  
Catawba Nuclear Station

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*Boo!*  
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Mr. Harold R. Denton, Director  
June 27, 1984  
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cc: Robert Guild, Esq.  
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Attachment 1  
Catawba Nuclear Station  
NSSS Vendor Review of Procedures

Fuel Loading and Precritical

1. TP/1/A/2150/13      Pressurizer Functional Test
2. TP/1/A/2150/01      Reactor Coolant Flow Test
3. TP/1/A/2150/02      Reactor Coolant Flow Coastdown Test
4. TP/1/A/2600/08      RTD Bypass Flow Verification
5. TP/1/B/2600/06      Full Length Rod Mechanism Timing Test
6. TP/1/B/2600/05      Rod Control System Alignment Test
7. TP/1/A/2600/07      Rod Cluster Control Assembly Drop Time Test
8. TP/1/B/2600/04      Rod Position Indication Alignment Test
9. IP/0/A/3231/01      Incore T/C and RTD Calibration
10. IP/0/A/3230/05      Incore T/C Calibration and Functional Test
11. TP/1/B/2600/01      Movable Incore Detector Functional Test
12. TP/1/A/2650/01      Initial Fuel Loading
13. TP/1/A/1530/04      Initial Core Inserts Verification
14. PT/1/A/4150/03C      Core Verification
15. TP/1/A/2100/03      Controlling Procedure for Precritical Testing

Low Power Physics

16. PT/1/A/4150/09      1/M Approach to Criticality
17. TP/1/A/2100/02      Controlling Procedure for Zero Power Physics Testing
18. TP/1/A/2150/06A      Pseudo Rod Ejection (Zero Power)
19. PT/1/A/4150/24      Stuck Rod with Measurement
20. PT/1/A/4150/10      Boron Endpoint Measurement
21. PT/1/A/4150/11A      Control Rod Measurement by Boration/Dilution
22. PT/1/A/4150/12A      Isothermal Temperature Coefficient of Reactivity  
Measurement

- 23. PT/1/A/4150/05 Core Power Distribution
- 24. TP/1/A/2600/14 Nuclear Instrumentation Initial Calibration
- 25. PT/1/B/4150/16 Unit Load Steady State
- 26. PT/1/A/4150/20 Temporary Rod Withdrawal Limit Determination

Power Escalation

- 27. TP/1/A/2650/13 Natural Circulation Verification Test
- 28. TP/1/A/2100/01 Controlling Procedure for Power Escalation
- 29. TP/1/A/2650/12 Station Blackout Test
- 30. TP/1/A/2650/03 Loss of Control Room Functional Test
- 31. TP/1/A/2650/15 S/G Water Hammer Test
- 32. TP/1/A/2600/11 Pressurizer Pressure and Level Control System Test
- 33. TP/1/A/2150/06B Pseudo Rod Ejection (at Power)
- 34. TP/1/A/2150/05 Below Bank Test
- 35. TP/1/A/2650/07 Turbine Trip Test
- 36. TP/1/A/2650/11 Feedwater Temperature Variation Test
- 37. PT/1/A/4600/05A Incore/Excore Instrument Correlation Check
- 38. TP/1/A/2150/04 Doppler Only Power Coefficient Verification
- 39. PT/1/A/4150/03A NSSS Thermal Outputs
- 40. PT/1/A/4150/13B Calorimetric Reactor Coolant Flow Measurement
- 41. TP/1/A/2650/05 Unit Load Transient Test
- 42. TP/1/A/2650/10 Large Load Rejection
- 43. TP/1/A/2650/06 Unit Loss of Electrical Load
- 44. TP/1/A/2600/10 Control Rod System at Power Test