

DUKE POWER COMPANY

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

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

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:

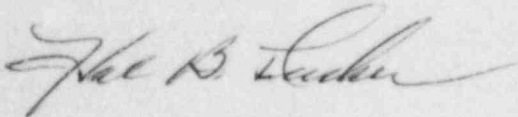
Section 13.5.3 of the Catawba Safety Evaluation Report discusses License Condition 25, Review of Power Ascension Test Procedures and Emergency Operating Procedures by NSSS Vendor (I.C.7).

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

ROS/php

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

8407030357 840627
PDR ADOCK 05000413
E PDR

Boo!
1/1

Mr. Harold R. Denton, Director
June 27, 1984
Page 2

cc: Robert Guild, Esq.
Attorney-at-Law
P. O. Box 12097
Charleston, South Carolina 29412

Palmetto Alliance
2135½ Devine Street
Columbia, South Carolina 29205

Mr. Jesse L. Riley
Carolina Environmental Study Group
854 Henley Place
Charlotte, North Carolina 28207

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