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DUKE POWER

January 13, 1993

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

Subject: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414
McGuire Nuclear Station
Docket Nos. 50-369 and 50-370
Technical Specification Amendment
Relocation of Cycle-Specific Parameter Limits

Attached are changes to the Catawba and McGuire Nuclear Station Technical Specifications which relocate certain cycle-specific parameter limits to the Core Operating Limits Report (COLR). Since the changes for McGuire and Catawba are virtually identical, they are being submitted together in an effort to conserve resources.

As discussed in the technical justifications, amendment 74 and 68 for Catawba Units 1 and 2, and amendment 105 and 87 for McGuire Units 1 and 2 revised the Technical Specifications to replace the values of certain cycle-specific parameter limits with a reference to the COLR. Since the time of these amendments, additional cycle-specific parameters have been identified in support of cycle operation and reload design. Similar changes have been submitted and approved in a safety evaluation dated September 16, 1991 for Oconee Nuclear Station.

Attachment 1 contains the marked up Technical Specification pages, sample COLR, technical justification and No Significant Hazards Analysis for Catawba. Attachment 2 contains the marked up Technical Specification pages, sample COLR, technical justification, and No Significant Hazards Analysis for McGuire.

Pursuant to 10 CFR 50.91 (b) (1), the appropriate South Carolina and North Carolina officials are being provided a copy of this amendment request.

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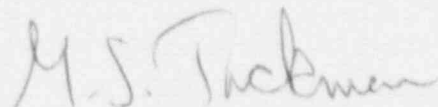
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ADD 1

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Approval of this amendment is needed for McGuire Nuclear Station by June 1, 1993 to allow the Unit 1 Cycle 9 Reload to be done under 50.59, otherwise this reload will require changes to the Technical Specifications.

Very truly yours,

A handwritten signature in dark ink, appearing to read "M. S. Tuckman". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

M. S. Tuckman

Attachments

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xc: Mr. S. D. Ebnetter
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
101 Marietta Street, NW, Suite 2900
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Mr. Heyward Shealy, Chief
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South Carolina Department of Health &
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2600 Bull Street
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American Nuclear Insurers
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New York, NY 10036-2774

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

Mr. K. P. VanDoorn
NRC Resident Inspector
McGuire Nuclear Station

Mr. R. E. Martin
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One White Flint North, Mail Stop 14H25
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Mr. T. A. Reed
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Mr. Dayne Brown, Chief
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Department of Human Services
701 Barbour Drive
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M. S. Tuckman, being duly sworn, states that he is Vice President, Catawba Nuclear Station; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission this revision to the Catawba and McGuire Nuclear Station Technical Specifications, Appendix A to License Nos. NPF-35, NPF-52, NPF-9, and NPF-17; and that all statements and matters set forth therein are true and correct to the best of his knowledge.

M. S. Tuckman

M. S. Tuckman

Subscribed and sworn to before me this 13th day of
JAN., 1993.

Gronm H Jackson

Notary Public

My Commission Expires:

Nov. 21, 2000

Catawba Facility Operating License amendment numbers 74 and 68 dated May 17, 1990 for units 1 and 2 respectively, revised the Catawba Technical Specifications to replace the values of certain cycle-specific parameter limits with a reference to the Core Operating Limits Report (COLR), which contains the values of the limits. However, additional existing cycle-specific parameter limits in the Catawba Technical Specifications, not included in the above amendments, have been revised due to changes in these parameters in support of Unit 2 Cycle 6 operation and reload design. Similar limits have also changed in recent McGuire fuel cycles. In addition, McGuire Facility Operating License amendment numbers 105 and 87 dated March 15, 1990 for units 1 and 2 respectively, revised the McGuire Technical Specifications to incorporate an identical COLR methodology. Therefore, in order to simplify NRC review of identical Technical Specification revision proposals, it is proposed that the McGuire Technical Specifications be changed identically with respect to the applicable item relocations to the COLR. Recent instances where one or more of these limits has been changed in a Technical Specification revision proposal include McGuire 1 Cycle 8, McGuire 2 Cycle 8, Catawba 1 Cycle 7, and Catawba 2 Cycle 5.

In recognition of the burden on licensee and NRC resources associated with changes to Technical Specifications, the NRC issued Generic Letter 88-16 on October 4, 1988 encouraging licensees to propose changes to Technical Specifications that are consistent with the guidance provided in the enclosure to the generic letter. This enclosure provides guidance for the preparation of a license amendment request to modify Technical Specifications that have cycle-specific parameter limits. With the implementation of this alternative the NRC concluded that reload license amendments for the sole purpose of updating cycle specific parameter limits would be unnecessary. The proposed revisions described in tables 1-4 would relocate the cycle-specific parameter limits from the Catawba and McGuire Technical Specifications in accordance with the guidance provided in the enclosure to Generic Letter 88-16.

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Table 1

Summary of Catawba Technical Specification Changes

| <u>Specification</u> | <u>Description of Change</u> |
|----------------------|---|
| 2.2.1 | moved OTAT and OPAT numerical values to COLR |
| 3/4.1.2.5 | moved volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR revised pH range in the bases |
| 3/4.1.2.6 | moved volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR |
| 3/4.3.3.12 | moved Reactor Makeup Water Pump flowrate limits to the COLR |
| 3/4.5.1 | moved boron concentration limits for cold leg accumulator to the COLR |
| 3/4.5.4 | moved boron concentration limits for the RWST to the COLR revised pH range in the bases |
| 3/4.9.2 | moved Reactor Makeup Water Pump flowrate limits to the COLR |

Table 2

Summary of Catawba Core Operating Limits Report Changes

| <u>Specification</u> | <u>Description of Change</u> |
|----------------------|---|
| 2.2.1 | moved TS OTAT and OPAT numerical values to COLR |
| 3/4.1.2.5 | moved TS volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR |
| 3/4.1.2.6 | moved TS volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR |
| 3/4.3.3.12 | moved TS Reactor Makeup Water Pump flowrate limits to the COLR |
| 3/4.5.1 | moved TS boron concentration limits for cold leg accumulator to the COLR |
| 3/4.5.4 | moved TS boron concentration limits for the RWST to the COLR |
| 3/4.9.2 | moved TS Reactor Makeup Water Pump flowrate limits to the COLR |

Table 3

Summary of McGuire Technical Specification Changes

| <u>Specification</u> | <u>Description of Change</u> |
|----------------------|--|
| 2.2.1 | moved OTAT and OPAT numerical values to COLR, corrected typographical error in the OPAT equation |
| 3/4.1.2.5 | moved volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR clarified volume allowances and revised pH range in the bases |
| 3/4.1.2.6 | moved volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR clarified volume allowances in the bases |
| 3/4.5.1 | moved boron concentration limits for cold leg accumulator to the COLR deleted requirement to use three limiting accumulators in weighted average boron concentration deleted statement referring to the UHI system from the bases |
| 3/4.5.5 | moved boron concentration limits for the RWST to the COLR revised pH range in the bases |

Table 4

Summary of McGuire Core Operating Limits Report Changes

| <u>Specification</u> | <u>Description of Change</u> |
|----------------------|---|
| 2.2.1 | moved TS OTAT and OPAT numerical values to COLR |
| 3/4.1.2.5 | moved TS volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR |
| 3/4.1.2.6 | moved TS volume and boron concentration limits for the Boric Acid Storage System and RWST to the COLR |
| 3/4.5.1 | moved TS boron concentration limits for cold leg accumulator to the COLR |
| 3/4.5.5 | moved TS boron concentration limits for the RWST to the COLR |

Attachment 1