

Duke Power Company  
Catawba Nuclear Generation Department  
4800 Concord Road  
York, SC 29745

D. L. REHN  
Vice President  
(803)831-3205 Office  
(803)831-3426 Fax



**DUKE POWER**

October 5, 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  
Technical Specification Amendment  
CLA Water Volume And ECCS Subsystem Surveillance Requirements

Attached are proposed changes to the Catawba Nuclear Station Technical Specifications affecting cold leg accumulator contained borated water volume and ECCS subsystem surveillance requirements. These changes are needed to ensure that the Tech Specs correctly reflect the appropriate operability requirements for cold leg accumulator water volume and surveillance requirement values for the Centrifugal Charging Pumps (CCPs), Safety Injection Pumps (SIPs), and Residual Heat Removal Pumps (RHRPs) to prevent possible runout conditions during a LOCA event. This change is being made to both Units 1 and 2 to maintain consistency between units.

Duke Power Company was notified by Westinghouse and Dresser/Pacific Pumps of changes to the generic runout limits for the CCPs and SIPs at Catawba. This new information indicated that the flow rate values given in Tech Specs may be non-conservative in preventing runout conditions following a LOCA. To correct this problem, Catawba instituted compensatory actions as temporary measures until a Tech Spec change could be developed.

ECCS subsystem flow balancing is normally performed during outages. As a result, the upcoming Unit 1 End-Of-Cycle 7 outage is the appropriate time to correct this situation. This will allow the Unit 1 ECCS subsystems to be properly configured to ensure the affected pumps are operated within the limits specified by the manufacturer. Flow data obtained during the most recent Unit 2 outage indicates the Unit 2 ECCS pumps presently meet the proposed surveillance requirement limits. As a result, the Unit 2 changes can be implemented with the Unit 1 changes. Therefore, it is requested that this submittal receive timely review and approval in order to meet the schedule for the Catawba Unit 1, Cycle 8 startup. Startup is currently scheduled for December 24, 1993.

9310080178 931005  
PDR ADOCK 05000413  
P PDR

Aool  
4/1

U. S. Nuclear Regulatory Commission

October 5, 1993

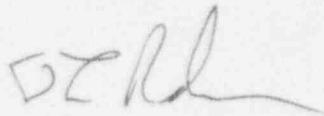
Page 2

The marked up Technical Specification pages are given on Attachment 1. Attachment 2 contains the Technical Justification for these changes, and Attachment 3 contains the No Significant Hazards Analysis and Environmental Impact Statement.

Please note that the change to cold leg accumulator contained borated water volume is on the same page of Tech Specs (3/4 5-1) as changes which were submitted on September 7, 1993 for the Unit 1 Cycle 8 Core Reload Report. The changes requested in the reload report are also needed for startup of Unit 1 for Cycle 8. These changes will need to be coordinated to ensure this TS page is properly revised as requested under both submittals.

Pursuant to 10 CFR 50.91 (b)(1), the appropriate South Carolina official is being provided a copy of this amendment request.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'DL Rehn', with a long horizontal flourish extending to the right.

D. L. Rehn

Attachments

RKS/

U. S. Nuclear Regulatory Commission  
October 5, 1993  
Page 3

xc: Mr. S. D. Ebnetter  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, NW, Suite 2900  
Atlanta, GA 30323

Mr. Heyward Shealy, Chief  
Bureau of Radiological Health  
South Carolina Department of Health &  
Environmental Control  
2600 Bull Street  
Columbia, SC 29201

American Nuclear Insurers  
c/o Dottie Sherman, ANI Library  
The Exchange, Suite 245  
270 Farmington Avenue  
Farmington, CT 06032

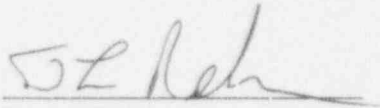
M & M Nuclear Consultants  
1166 Avenue of the Americas  
New York, NY 10036-2774

INPO Records Center  
Suite 1500  
1100 Circle 75 Parkway  
Atlanta, Georgia 30339

Mr. R. J. Freudenberger  
NRC Resident Inspector  
Catawba Nuclear Station

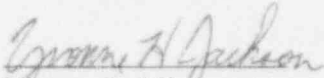
Mr. R. E. Martin  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
One White Flint North, Mail Stop 14H25  
Washington, D.C. 20555

D. L. Rehn, being duly sworn, states that he is Site 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 Nuclear Station Technical Specifications, Appendix A to License Nos. NPF-35 and NPF-52; and that all statements and matters set forth therein are true and correct to the best of his knowledge.



D. L. Rehn

Subscribed and sworn to before me this 5<sup>th</sup> day of Oct., 1993.

  
Notary Public

My Commission Expires:

Nov. 21, 2000