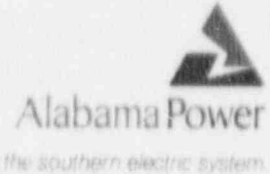


Alabama Power Company
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
telephone 205 868-5581

W. G. Hairston, III
Senior Vice President
Nuclear Operations

January 31, 1991



Docket No. 50-348

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

Gentlemen:

Joseph M. Farley Nuclear Plant - Unit 1
RTD Bypass Elimination and Steam Generator Tube Plugging Amendment

By letter dated October 26, 1990, Alabama Power Company proposed a technical specification amendment to support RTD Bypass Elimination and increased steam generator tube plugging. Submitted as part of the licensing amendment package were WCAP 12613, Revision 1, (proprietary) and WCAP 12614, Revision 1, (non-proprietary). In the process of providing responses to NRC questions pertaining to the referenced WCAPs, it was discovered that the seismic allowance (SA) term associated with the delta-flux penalty for overtemperature ΔT setpoint was inadvertently omitted from the overtemperature ΔT uncertainty calculation. Because the inclusion of an SA uncertainty impacts the overtemperature ΔT allowable value, the proposed technical specification change and supporting WCAPs must be revised as discussed in a telephone conference call on January 23, 1991 between Westinghouse, Alabama Power Company, and the NRC.

Technical specification page 2-10 (Attachment 1) has been changed to reflect the new overtemperature ΔT allowable value. (Previously proposed revisions to page 2-10 are also included.) WCAP 12613, Revision 2 and WCAP 12614, Revision 2 (Attachment 2) have been revised to reflect the delta flux penalty SA term, the changed overtemperature ΔT uncertainty calculation, and the new overtemperature ΔT setpoint allowable value.

Also enclosed with Attachment 2 is Westinghouse authorization letter CAW-91-118 and accompanying affidavit, Proprietary Information Notice, and Copyright Notice. WCAP 12613, Revision 2 contains information proprietary to Westinghouse Electric Corporation which is supported by the affidavit signed by Westinghouse, the owner of the information. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b) (4) of Section 2.790 of the Commission's regulations. Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the

9102060206 910131
PDR ADOCK 05000348
P PDR

Alford
11:10 AM
12:00 PM
Change NRC PAR
4x
1
1 NP

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk

Commission's regulations. Correspondence with respect to the copyright or proprietary aspects of the item listed above or the supporting Westinghouse affidavit should reference letter CAW-91-118 and should be addressed to R. P. DiPiazza, Manager of Operating Plant Licensing Services, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, Pennsylvania, 15230-0355.

Alabama Power Company has reviewed the significant hazards evaluation provided with the license amendment submitted on October 26, 1990. The conclusions of the significant hazards evaluation remain valid and no changes are considered necessary. With the submittal of this changed page the NRC is therefore requested to approve the Unit 1 RTD Bypass Elimination and 15% tube plugging amendment by February 15, 1991.

Alabama Power Company's Plant Operations Review Committee has reviewed the proposed change and the Nuclear Operation Review Board will review the change at a future meeting. A copy of this proposed change is being sent to Dr. C. E. Fox, the Alabama State Designee, in accordance with 10 CFR 50.91 (b)(1).

If there are any questions, please advise.

Respectfully submitted,

ALABAMA POWER COMPANY

W. G. Hairston, III
for W. G. Hairston, III

WGH/REM/MGE:sfj33.06
Attachments

cc: Mr. S. D. Ebnetter
Mr. S. T. Hoffman
Mr. G. P. Maxwell
Dr. C. E. Fox

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 31st DAY OF January, 1991

John J. Barrett
Notary Public

My Commission Expires: 9-19-94

ATTACHMENT 1

Unit 1 Technical Specifications

Changed Page 2-10

TABLE 2.2-1 (Continued)

REACTOR TRIP SYSTEM INSTRUMENTATION TRIP SETPOINTSNOTATION (Continued)

τ_3 = Time constant utilized in the rate lag controller for T_{avg} , $\tau_3 = 10$ secs;

$\frac{1 + \tau_4 s}{1 + \tau_5 s}$ = The function generated by the lead-lag controller for ΔT dynamic compensation;

τ_4 & τ_5 = Time constants utilized in the lead-lag controller for ΔT , $\tau_4 = \tau_5 = 0$ seconds;

$\frac{1}{1 + \tau_6 s}$ = Lag compensator on measured T_{avg} ;

τ_6 = Time constant utilized in the measured T_{avg} lag compensator, $\tau_6 = 0$ sec;

s = Laplace transform operator, sec^{-1} ;

$f_2(\Delta T) = 0$ for all ΔT .

Note 3: The channel's maximum trip point shall not exceed its computed trip point by more than 2.6 percent.

Note 4: Pressure value to be determined during initial startup testing. Pressure value of ≤ 55 psia to be used prior to determination of revised value.

Note 5: Pressure value to be determined during initial startup testing.

Note 6: The channel's maximum trip point shall not exceed its computed trip point by more than 2.9 percent.

ATTACHMENT 2

WCAP-12613,
Revision 2 "RTD Bypass Elimination Licensing Report for J. M. Farley
Nuclear Plant Units 1 and 2" (Westinghouse Proprietary
Class 2)

WCAP-12614,
Revision 2 "RTD Bypass Elimination Licensing Report for J. M. Farley
Nuclear Plant Units 1 and 2" (Westinghouse Proprietary
Class 3)

CAW-91-118 "Application for Withholding Proprietary Information from
Public Disclosure" (Westinghouse letter with enclosures
dated January 23, 1991)