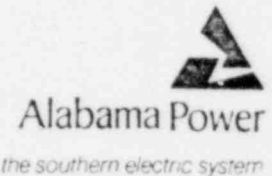


Alabama Power Company  
600 North 18th Street  
Post Office Box 2641  
Birmingham, Alabama 35291  
Telephone 205 250-1000

F. L. CLAYTON, JR.  
Senior Vice President

February 27, 1981



Docket No. 50-364

Director, Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. A. T. Schwencer

Gentlemen:

JOSEPH M. FARLEY NUCLEAR PLANT - UNIT 2  
AMENDMENT TO OPERATING LICENSE NO. NPF-8  
APPENDIX A TECHNICAL SPECIFICATIONS

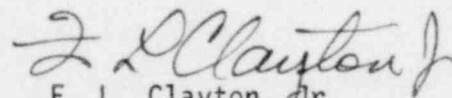


Alabama Power Company hereby requests that an amendment to the Farley Nuclear Plant Unit 2 Technical Specifications be approved granting temporary relief from certain Technical Specification items in order to perform augmented low power test 501-7-007, "Natural Circulation Cooldown and Boron Mixing". Revision 3 to the Farley Nuclear Plant Unit 2 Special Low Power Test Safety Evaluation, which includes the Technical Specification relief that Alabama Power Company is hereby requesting is enclosed. These items are designated Class III in accordance with 10CFR170 requirements. A check for \$4,000 is also enclosed to cover the fees required for a Technical Specification amendment.

In accordance with 10CFR50.30(c)(1)(i), three (3) signed originals and thirty-seven (37) additional copies of this proposed amendment are enclosed.

If you have any questions, please advise.

Very truly yours,

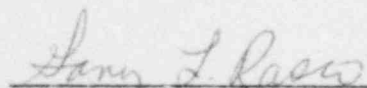
  
F. L. Clayton, Jr.

FLCJr/RWS:nac

Enclosures

cc: Mr. R. A. Thomas  
Mr. G. F. Trowbridge  
Mr. L. L. Kintner (w/Enclosure)  
Mr. W. H. Bradford ( " " )

Sworn to and subscribed before me  
this 27th day of February, 1981.

  
NOTARY PUBLIC

My Commission Expires: 2-15-82

P

8103100 530



Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Commercial  
Operations Division

Box 355  
Pittsburgh Pennsylvania 15230

February 18, 1981

S.O. APR-4705

Mr. O. D. Kingsley, Manager  
Nuclear Engineering and  
Technical Support  
Alabama Power Company  
600 North Eighteenth Street  
Birmingham, AL 35203

Dear Mr. Kingsley:

JOSEPH M. FARLEY NUCLEAR PLANT  
UNIT 2  
Special Low-Power Tests Safety Evaluation

Attached is Revision 3 of the Farley Unit 2 Special Low-Power Tests Safety Evaluation" report for the performance of the natural circulation tests. This revision incorporates the Boron Mixing and Cooldown Test (Test 7) which will be performed utilizing decay heat following the 100-hour plant performance test run. Also attached is the Safety Evaluation Checklist applicable to this revision of the above document.

If you have any questions concerning the above, please contact the undersigned.

Sincerely,

  
J. L. Vota, Manager  
Southern Company Projects

L. E. Conway/je  
Attachment

cc: O. D. Kingsley 1L, 1A  
A. A. Vizzi 1L, 1A  
O. Batum 1L, 1A  
R. P. McDonald 1L, 1A  
F. E. Ehrensperger 1L, 1A  
V. C. Valekis 1L, 1A  
H. O. Thrash 1L, 1A  
W. G. Hairston 2L, 2A

Customer Reference No(s).  
\_\_\_\_\_

Westinghouse Reference No(s).  
(Change Control or RFQ as Applicable)  
\_\_\_\_\_

WESTINGHOUSE  
NUCLEAR SAFETY EVALUATION CHECK LIST  
PAGE 1 OF 3

- (1) NUCLEAR PLANT(S) Farley Unit 2
- (2) CHECK LIST APPLICABLE TO: APR Special Test Program (Rev. 3 of SER)  
(Subject of Change)
- (3) The written safety evaluation of the revised procedure, design change or modification required by 10CFR50.59 has been prepared to the extent required and is attached. If a safety evaluation is not required or is incomplete for any reason, explain on Page 3.

Parts A and B of this Safety Evaluation Check List are to be completed only on the basis of the safety evaluation performed.

CHECK LIST - PART A

- (3.1) Yes  No  A change to the plant as described in the FSAR?
- (3.2) Yes  No  A change to procedures as described in the FSAR?
- (3.3) Yes  No  A test or experiment not described in the FSAR?
- (3.4) Yes  No  A change to the plant technical specifications  
(Appendix A to the Operating License)?
- (4) CHECK LIST - PART B (Justification for Part B answers must be included on Page 3.)
- (4.1) Yes  No  Will the probability of an accident previously evaluated in the FSAR be increased?
- (4.2) Yes  No  Will the consequences of an accident previously evaluated in the FSAR be increased?
- (4.3) Yes  No  May the possibility of an accident which is different than any already evaluated in the FSAR be created?

Customer Reference No(s).

Westinghouse Reference No(s).  
(Change Control or RFQ as Applicable)

WESTINGHOUSE  
NUCLEAR SAFETY EVALUATION CHECK LIST  
PAGE 2 OF 3

- (4.4) Yes  No  Will the probability of a malfunction of equipment important to safety previously evaluated in the FSAR be increased?
- (4.5) Yes  No  Will the consequences of a malfunction of equipment important to safety previously evaluated in the FSAR be increased?
- (4.6) Yes  No  May the possibility of a malfunction of equipment important to safety different than any already evaluated in the FSAR be created?
- (4.7) Yes  No  Will the margin of safety as defined in the bases to any technical specification be reduced?

If the answers to any of the above questions are unknown, indicate under (5) REMARKS and explain on Page 3.

If the answer to any of the above questions in (4) cannot be answered in the negative, based on written safety evaluation, the change cannot be approved without an application for license amendment submitted to NRC pursuant to 10CFR50.90.

(5) REMARKS:

(6) APPROVAL LADDER (Signatures):

- (6.1) Prepared by (Nuclear Safety): G. E. Lang *SEL* Date: 2-11-81
- (6.2) Coordinated with (Engineer(s)): B. A. McIntyre / G. Agent Date: 2-11-81
- (6.3) Coordinating Group Manager(s): W. D. Johnson / A. Dzenis Date: 2-16-81
- (6.4) Nuclear Safety Group Manager: D. G. Bevard *D.G. Bevard* Date: 2-16-81
- (6.2) R. Radcliffe *R.C. Radcliffe 2-17-81*
- (6.3) P. K. Doshi *P. K. Doshi 2/17/81*

Customer Reference No(s).

Westinghouse Reference No(s).  
(Change Control or RFQ as Applicable)

WESTINGHOUSE  
NUCLEAR SAFETY EVALUATION CHECK LIST  
PAGE 3 OF 3

The following summarizes the justification, based upon the written safety evaluation<sup>(1)</sup>, for answers given in Part B of the Safety Evaluation Check List:

See NS-LAA-80-73

(1) Reference to document(s) containing written safety evaluation: \_\_\_\_\_  
NS-LAA-80-73

PREPARED BY: G. E. Lang *GE Lang* DATE: 2-11-81