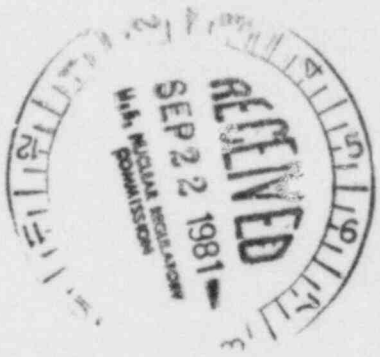
Mailing Address
Alabama Power Company
600 North 18th Street
Post Office Box 2641
Birmingham, Alabama 35291
Telephone 205 783-6081

F. L. Clayton, Jr.
Senior Vice President
Flintridge Building

Alabama Power
the southern electric system

September 8, 1981

Docket No. 50-364



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

Attention: Mr. S. A. Varga

Gentlemen:

Joseph M. Farley Nuclear Plant - Unit 2
Leakage Outside Containment

As required by NUREG-0737, item III.D.1.1 and the Joseph M. Farley Nuclear Plant Unit 2 Safety Evaluation Report, Supplement No. 5, the below listed leakage rates of systems outside containment are submitted. The allowable leakage rate levels given are those levels at which Alabama Power Company feels additional investigation and/or further leakage reduction would be advisable.

1. Containment Spray System. Allowable leakage is 0.25 GPM, Unit 2 leakage is 0 GPM (3 drops/min.).

2. High Head Safety Injection (CVCS System). Allowable leakage is 1.0 GPM, Unit 2 leakage is 0 GPM.

3. Low Head Safety Injection (RHR). Allowable leakage is 1.0 GPM, Unit 2 leakage is 0 GPM.

4. Containment Atmosphere Sample System. Allowable leakage is 100 SCCM, Unit 2 leakage is 16.7 SCCM.

5. Sampling System. Allowable leakage is 0.25 GPM, Unit 2 liquid leakage is 0.0006 GPM. Allowable VCT gas leakage determined by soap bubble (Snoop) leak check is 500 SCCM, Unit 2 leakage is 0 SCCM.

6. Waste Gas System. Allowable leakage is 500 SCCM, Unit 2 leakage is 0 SCCM.

7. All relief lines of systems covered under the leakage assessment program are satisfactory.

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If you have any questions, please advise.

Yours very truly,

F. L. Clayton, Jr.

FLCJr/JAR:jc

cc: Mr. R. A. Thomas
Mr. G. F. Trowbridge
Mr. J. P. O'Reilly
Mr. J. O. Thoma
Mr. W. H. Bradford

Intracompany
Correspondence

OOK
RLG, Response to NRC

Alabama Power

Subject: Review of Draft Letter
FNP-81-1008

Date: August 19, 1981

From: W. G. Hairston, III

To: Mr. O. D. Kingsley, Jr.

At: Farley Nuclear Plant

In response to your letter NT-81-0471 (A4.02) dated August 12, 1981 we have the following recommendation. Change the allowable leakage for Low Head Safety Injection (RHR) from 0.25 GPM to 1.0 GPM. The leakage assessment procedure results for this system were substantiated by the Operations Group performance of a surveillance test procedure (FNP-2-STP-9.0), "RCS Leakage Test", which lists its acceptance criteria as $\leq$ 1.0 GPM unidentified leakage and $\leq$ 10.0 GPM identified leakage.

All other information presented in the draft letter appears appropriate.

If you have any questions, please advise.

W. G. Hairston, III

WGH/KBM:jh

cc: R. L. George
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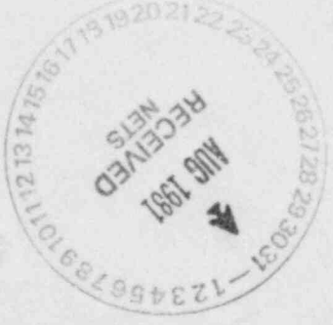

Intracompany
Correspondence

Alabama Power
NT-81-0471 (A4.02)

Subject Review of Draft Letter

Date August 12, 1981

To Mr. W. G. Hairston, III

From O. D. Kingsley, Jr.
At Nuclear Generation

Attached for your review is the draft letter to the NRC on the Unit 2 Leakage Outside Containment report. Please review and provide comments to NETS by August 17, 1981.

If you have any questions, please contact Mr. J. A. Ripple at extension 6182.

R S George for

O. D. Kingsley, Jr.

ODKJr/JAR:de

Attachment

cc: Mr. R. L. George

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F. L. Clayton, Jr.
Senior Vice President
Flintridge Building

Alabama Power
the southern electric system

August 17, 1981

Docket No. 50-364

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

Attention: Mr. B. J. Youngblood

Gentlemen:

Joseph M. Farley Nuclear Plant - Unit 2
Leakage Outside Containment

As required by NUREG-0737, item III.D.1.1 and the Joseph M. Farley Nuclear Plant Unit 2 Safety Evaluation Report, Supplement No. 5, the below listed leakage rates of systems outside containment are submitted. The allowable leakage rate levels given are those levels at which Alabama Power Company feels additional investigation and/or review would be required.

1. Containment Spray System. Allowable leakage is 0.25 GPM, Unit 2 leakage is 0 GPM (3 drops/min.).

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6. Waste Gas System. Allowable leakage is 500 SCCM, Unit 2 leakage is 0 SCCM.

7. All relief lines of systems covered under the leakage assessment program are satisfactory.

If you have any questions, please advise.

Yours very truly,

F. L. Clayton, Jr.

FLCJr/JAR:de

cc: Mr. R. A. Thomas
Mr. G. F. Trowbridge
Mr. J. P. O'Reilly
Mr. J. O. Thoma
Mr. W. H. Bradford