DISTRIBUTION
Docket File
NRC PDR
Local PDR
ORB 1 File
D. Eisenhut
C. Parrish
E. Reeves
C. Trammell
OELD
I&E (3)
NSIC
TERA
ACRS (10)

JAN 6 1982

Docket Nos. 50-348
and 50-364

Mr. F. L. Clayton
Senior Vice President
Alabama Power Company
P. O. Box 2641
Birmingham, Alabama 35291

Dear Mr. Clayton:

SUBJECT: COMPLETION OF NUREG 0737 ITEMS II.K.3.9, II.K.3.10 AND II.K.3.12
JOSEPH M. FARLEY NUCLEAR PLANT UNITS 1 AND 2

We have reviewed your submittals relating to the subject TMI Action Plan, NUREG-0737. The completion status for each item is as follows:

1. II.K.3.9, PID Controller

This item requires licensees to remove the derivative (rate) function from the PID controller for the PORV by either of two methods by January 1, 1981. You advised that the Farley design "rate-time constant" in the PID controller is zero seconds. This is acceptable and should remain set in this manner unless NRC is advised prior to any change. The derivative time constant (your "rate-time constant") should not be set to "OFF." A recent Licensee Event Report (LER 81-013 for CASOSI) from another facility reported that a setting to "OFF" had an effect of increasing the PID controller's response. This action is opposite to that desired by item II.K.3.9.

Your letter of June 26, 1980 for Unit 1 indicates you have taken acceptable action requested under item II.K.3.9 of NUREG-0737. For Unit 2 the action was taken prior to issuance of Operating License NPF-8 on March 31, 1981. Our Safety Evaluation Report (SER) Supplement No. 4 item C.3.9 on page 107 documents our resolution of this item for Unit 2. Therefore, this item is resolved for your facility.

2. II.K.3.10, Proposed Anticipatory Trip Modifications

Your letter of June 26, 1980 for Unit 1 indicates that no increase in the setpoint for the reactor trip on turbine trip is contemplated. For Unit 2 our SER Supplement No. 5, page 22.3-18 and -19, documents our resolution of this item on Unit 2. Therefore, item II.K.3.10 is resolved for your facility.

8201220219 820106
PDR ADOCK 05000348
P PDR

OFFICE							
SURNAME							
DATE							

3. II.K.3.12, Anticipatory (Reactor) Trip on Turbine Trip

Your letter of June 26, 1980 confirms that the Farley Nuclear Plant Unit 1 has an anticipatory reactor trip on turbine trip, in conformance with this item of NUREG 0737. For Unit 2 our SER Supplement No. 5, page 22.3-18, documents our resolution of this item by discussion of the companion item II.K.3.10. Therefore, this item is resolved for your facility.

If you have any questions about our evaluation and this completion status please contact the NRC Project Manager.

Sincerely,

/S/

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

cc: See next page

OFFICE	ORB 1	ORB 3	ORB 1				
SURNAME	EReeves/rs	CTrammell	SVarga				
DATE	1/6/82	1/6/82	1/6/82				

Mr. F. L. Clayton, Jr.
Alabama Power Company

cc: Mr. W. O. Whitt
Executive Vice President
Alabama Power Company
Post Office Box 264'
Birmingham, Alabama 35291

Ruble A. Thomas, Vice President
Southern Company Services, Inc.
Post Office Box 2525
Birmingham, Alabama 35202

George F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Robert A. Buettner, Esquire
Balch, Bingham, Baker, Hawthorne,
Williams and Ward
Post Office Box 306
Birmingham, Alabama 35201

George S. Houston Memorial Library
212 W. Burdeshaw Street
Dothan, Alabama 36303

Resident Inspector
U. S. Nuclear Regulatory Commission
Post Office Box 24-Route 2
Columbia, Alabama 36319

Mr. R. P. McDonald
Vice President - Nuclear Generation
Alabama Power Company
P.O. Box 2641
Birmingham, Alabama 35291