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Docket No. 50-348

Mr. F. L. Clayton, Jr.  
Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

Dear Mr. Clayton:

By License Amendment No. 11 to Facility Operating License No. NPF-2 for the Joseph M. Farley Nuclear Plant Unit No. 1 we issued the fire protection review evaluation report. Two items required additional information from your staff for our evaluation. These items related to your proposed method of installation of fire barriers for cable trays and conduits and your alternate shutdown methods.

For the fire rated barrier item, our concern was that a small, transient exposure fire could affect redundant electrical cables in the same fire areas. To resolve our concern, you committed to provide fire rated barriers (kaowool) for affected cable trays/conduits. Based on our review, we approved this concept, but stated that we would need to review the details of the proposed design and the installation method. On August 21, 1980, we visited the Farley site to review the cable fire barriers. We reviewed the design and method of installation. Based on our review, we have determined that the fire rated barriers applied to cables/conduits have been installed in a satisfactory manner, meet our fire protection guidelines, and, therefore, are acceptable.

The second open item is the alternate shutdown system, which is still under review. We will report the resolution of this item in a subsequent letter.

Sincerely,

Original signed by

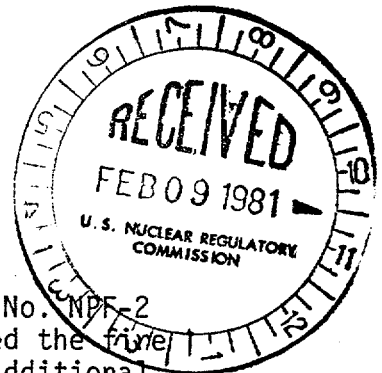
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

cc: See next page

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|---------|------------|----------|----------|--|--|--|--|
| OFFICE  | ORB#1:DL   | ORB#5:DL | ORB#1:DL |  |  |  |  |
| SURNAME | EReeves/cf | Twambach | SAVarga  |  |  |  |  |
| DATE    | 2/3/81     | 2/3/81   | 2/3/81   |  |  |  |  |



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

February 3, 1981

Docket

Docket No. 50-348

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Senior Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

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Sincerely,

A handwritten signature in dark ink, appearing to read "Steven A. Varga".

Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

cc: See next page

Mr. F. L. Clayton  
Alabama Power Company

cc: Mr. W. O. Whitt  
Executive Vice President  
Alabama Power Company  
Post Office Box 2641  
Birmingham, Alabama 35291

U. S. Environmental Protection Agency  
Region IV Office  
ATTN: EIS COORDINATOR  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

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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 1814  
Dothan, Alabama 36302

State Department of Public Health  
ATTN: State Health Officer  
State Office Building  
Montgomery, Alabama 36104

Director, Criteria and Standards Division  
Office of Radiation Programs (ANR-460)  
U. S. Environmental Protection Agency  
Washington, D. C. 20460