

November 4, 1985

Docket Nos. 50-348
and 50-364

Mr. R. P. McDonald
Senior Vice President
Alabama Power Company
Post Office Box 2641
Birmingham, Alabama 35291

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Dear Mr. McDonald:

Enclosed is a copy of a "Notice of Environmental Assessment and Finding of No Significant Impact" for your information. This notice relates to your application dated March 13, 1985, as supplemented June 26 and July 19, 1985, for exemption from the requirements of Appendix R to 10 CFR Part 50 for the Joseph M. Farley Nuclear Generating Plant, Unit Nos. 1 and 2.

The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

/s/SVarga

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

Enclosure:
As stated

cc w/enclosure:
See next page

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Mr. R. P. McDonald
Alabama Power Company

Joseph M. Farley Nuclear Plant

cc:

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

Mr. Louis B. Long, General Manager
Southern Company Services, Inc.
Post Office Box 2625
Birmingham, Alabama 35202

Chairman
Houston County Commission
Dothan, Alabama 36301

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

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

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

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

D. Biard MacGuineas, Esquire
Volpe, Boskey and Lyons
918 16th Street, N.W.
Washington, DC 20006

Charles R. Lowman
Alabama Electric Corporation
Post Office Box 550
Andalusia, Alabama 36420

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

Ira L. Myers, M.D.
State Health Officer
State Department of Public Health
State Office Building
Montgomery, Alabama 36130

UNITED STATES NUCLEAR REGULATORY COMMISSIONALABAMA POWER COMPANYDOCKET NOS. 50-348 AND 50-364NOTICE OF ENVIRONMENTAL ASSESSMENT ANDFINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an exemption from the requirements of Appendix R to 10 CFR 50 to Alabama Power Company, (the licensee), for the Joseph M. Farley Nuclear Unit Nos. 1 and 2 located near the City of Dothan, Alabama.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The exemption would permit alternatives to the technical requirements of Appendix R concerning certain specifically identified fire areas in Farley Unit No. 2 and areas shared with Unit No. 1.

The exemption is responsive to the licensee's application for exemptions dated March 13, 1985, as supplemented by letters dated June 26, and July 19, 1985.

The Need for the Proposed Action: The proposed exemption is needed because the features described in the licensee's requests regarding the existing fire protection at the plant for these items are the most practical means for meeting the intent of Appendix R and literal compliance would not significantly enhance the fire protection capability.

Environmental Impacts of the Proposed Action: The proposed exemption and modifications to be made will provide a degree of fire protection that is equivalent to that required by Appendix R for the affected areas of the plant such that there is no increase in the risk of fires at this facility. Consequently, the probability of fires has not been increased and the post-fire radiological releases will not be greater than previously

determined nor does the proposed exemption otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed exemption.

With regard to potential non-radiological impacts, the proposed exemption involves features located entirely within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed exemption.

Alternative Use of Resources: This action involves no use of resources not previously considered in the Final Environmental Statement (construction permit and operating license) for the Joseph M. Farley Nuclear Plant, Units 1 and 2.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed exemption.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for exemptions dated March 13, 1985, and supplements dated June 26 and July 19, 1985, which are available for public inspection at the Commission's Public

Document Room, 1717 H Street, N.W., Washington, D.C., and at the
Local Public Document Room, located at the George S. Houston Memorial
Library, 212 W. Burdeshaw Street, Dothan, Alabama.

Dated at Bethesda, Maryland, this 4th day of November 1985.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "Steven A. Varga". The signature is stylized with a large, looped initial "S" and a prominent "V".

Steven A. Varga, Acting Assistant Director
for Operating Reactors
Division of Licensing