



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 49 TO FACILITY OPERATING LICENSE NO. NPF-2
AND AMENDMENT NO. 40 TO FACILITY OPERATING LICENSE NO. NPF-8

ALABAMA POWER COMPANY

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-348 AND 50-364

INTRODUCTION

By letter dated March 2, 1984, the licensee responded to Commission guidance provided in our letter dated October 21, 1983, relating to licensee proposed Technical Specification 3/4.3.3.4, Tables 3.3-8 and 4.3-5. Our letter provided a safety evaluation, Enclosure 2, "Meteorological Monitoring Instrumentation and Surveillance," which noted that the measurement of atmospheric stability was not shown in Tables 3.3-8 and 4.3-5 of the existing Technical Specifications for the Farley Nuclear Plant, Units 1 and 2. The licensee now proposes to upgrade and add the essential element needed to perform dose projections for both routine and accidental releases (per Regulatory Guide 1.97 Rev. 3). Our discussion and evaluation follows.

DISCUSSION AND EVALUATION

The NRC staff has evaluated the licensee's proposed changes to the meteorological monitoring instrumentation and surveillance requirements contained in Tables 3.3-8 and 4.3-5 of the plant Technical Specifications. Specifically, the licensee now proposes the addition of a measurement of "Air Temperature Difference" between nominal elevations of 200-ft and 35-ft in Tables 3.3-8 and 4.3-5. The licensee further modified Tables 3.3-8 and 4.3-5 to reflect that two sources (the primary and the back-up towers) would provide measurements of wind speed and wind direction at the 33-ft elevation.

SAFETY SUMMARY

On the basis that the licensee's proposed changes comply with the NRC staff recommendations contained in our October 21, 1983, letter, and since the meteorological monitoring instrumentation and surveillance for all safety-related meteorological parameters essential for dose assessment are now included in Technical Specifications for Joseph M. Farley Nuclear Plant, Units 1 and 2, we find the changes acceptable.

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Environmental Consideration

These amendments involve a change in the installation or use of the facilities components located within the restricted areas as defined in 10 CFR 20. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meets the eligibility criteria for categorical exclusion set forth in 10 CFR Sec 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

Conclusion

We have concluded, based on the considerations discussed above, that:
(1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: October 4, 1984

Principal Contributors:

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

October 2, 1984

Docket Nos. 50-348
and 50-364

Mr. R. P. McDonald
Senior Vice President
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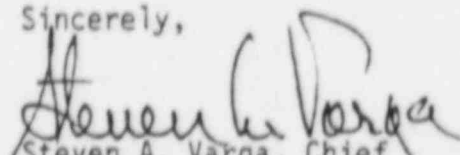
Dear Mr. McDonald:

SUBJECT: NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT - EXEMPTION TO 10 CFR 20, APPENDIX A, TO ALLOW CREDIT FOR A RADIOIODINE PROTECTION FACTOR FOR GMR-I CANISTERS - JOSEPH M. FARLEY NUCLEAR PLANT UNITS 1 AND 2

I am enclosing the subject notice which relates to your request for exemption from the requirements of 10 CFR 20, Appendix A. The notice relates to your request dated January 13, 1984, supplemented on February 10 and 13, March 5, and May 8, 1984.

This notice is being forwarded to the Office of the Federal Register for publication.

Sincerely,


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

Enclosure:
As stated

cc w/enclosure:
See next page

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A/A

Mr. R. P. McDonald
Alabama Power Company

Joseph M. Farley Nuclear Plant
Units 1 and 2

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