



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 47 TO FACILITY OPERATING LICENSE NO. NPF-2
AND AMENDMENT NO. 38 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 AND BACKGROUND

In November 1980, the staff issued NUREG-0737, "Clarification of TMI Action Plan Requirements", which included all TMI Action Plan items approved by the Commission for implementation at nuclear power reactors. NUREG-0737 identifies those items for which Technical Specifications were scheduled for implementation after December 31, 1981. The staff provided guidance on the scope of Technical Specifications for all of these items in Generic Letter 83-37. Generic Letter 83-37 was issued to all Pressurized Water Reactor (PWR) licensees on November 1, 1983. In this Generic Letter, the staff requested licensees to:

1. review their facility's Technical Specifications to determine if they were consistent with the guidance provided in the Generic Letter, and
2. submit an application for a license amendment where deviations or absence of Technical Specifications were found.

By letter dated December 12, 1983, Alabama Power Company (the licensee) responded to Generic Letter 83-37 by submitting Technical Specification change requests for Farley Units 1 and 2. This evaluation covers the following TMI Action Plan items:

1. Reactor Coolant System Vents (II.B.1)
2. Noble Gas Effluent Monitors (II.F.1.1)
3. Containment Water Level Monitor (II.F.1.5)
4. Containment Hydrogen Analyzer (II.F.1.6)

EVALUATION

1. Reactor Coolant System Vents (II.B.1)

Our guidance for RCS vents identified the need for at least one operable vent path at the reactor vessel head and the pressurizer steam space, for Westinghouse reactors. Generic Letter 83-37 also provided limiting conditions for operation and the surveillance requirements for the RCS vents.

The licensee has proposed TSs for reactor vessel head vents that are consistent with our guidance contained in Generic Letter 83-37. The licensee indicated that TSs for pressurizer steam space are covered by existing Technical Specifications for the pressurizer relief valves. We have reviewed the proposed TSs for reactor vessel head vents and existing TSs for pressurizer relief valves, and conclude that the licensee has provided TSs that satisfy the intent of the guidelines contained in Generic letter 83-37. Therefore, we find the proposed TSs to be acceptable.

2. Noble Gas Effluent Monitors (II.F.1.1)

The licensee has supplemented the existing normal range monitors to provide noble gas monitoring in accordance with TMI Action Plan Item II.F.1.1. The existing TSs for Farley Units 1 and 2 include TSs for noble gas effluent monitors. However, the licensee has proposed a revision to the present TSs to ensure consistency with the guidelines contained in Generic Letter 83-37. We have reviewed the proposed revision and determined that it is consistent with the guidelines contained in Generic Letter 83-37. Therefore, we find the proposed TSs to be acceptable.

3. Containment Water Level Monitor (II.F.1.5)

Narrow range and wide range containment water level monitors provide the capability required by TMI Action Plan Item II.F.1.5. The TSs for both units contain limiting conditions of operation and surveillance requirements that are consistent with the guidance contained in Generic Letter 83-37. We conclude that the proposed TSs for containment water level monitors are acceptable.

4. Containment Hydrogen Analyzers (II.F.1.6)

The licensee installed containment hydrogen analyzers that provide the capability required by TMI Action Plan Item II.F.1.6. The existing TSs for Farley Units 1 and 2 include TSs for these analyzers. However, the licensee has proposed to revise limiting conditions for operation to be consistent with the guidelines contained in Generic Letter 83-37. We have reviewed the proposed changes and determined that they are consistent with the guidelines contained in Generic Letter 83-37. Therefore, we find the proposed changes to be acceptable.

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 occupation 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 meet 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: September 12, 1984

Principal Contributor:

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