Ina

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

JUN 30 1980

Docket Nos. 50-369
and 50-370

Mr. William O. Parker, Jr.
Vice President - Steam Production
Duke Power Company
Post Office Box 33189
422 South Church Street
Charlotte, North Carloina 28242

Dear Mr. Parker:

SUBJECT: McGUIRE NUCLEAR STATION, UNITS NOS. 1 & 2 -
REQUEST FOR ADDITIONAL INFORMATION

As a result of our review of your application for operating licenses for the McGuire Nuclear Station, we find that we need additional information in the area of reactor systems. The specific information required is listed in the Enclosure.

If you desire any discussion or clarification of the information requested, please contact R. A. Birkel, Licensing Project Manager, (301) 492-8516.

Sincerely,

B. J. Youngblood

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

8007110583

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

ETSB COMMENTS ON THE MCGUIRE NUCLEAR STATION
RESPONSE TO TMI CONCERNS
(May 23 1980)
Docket Nos. 50-369/370

1) Additional Accident Monitoring Instrumentation (Effluent), Action Plan II.F.1

a) Before fuel loading, an interim method is required when the high range noble gas effluent monitors are not yet installed and operable. You should describe the interim method, addressing item 2.1.8.b enclosed in our letter dated November 9, 1979, pages 31 to 36, providing information required in 1.A.1.a and 1.A.1.b for noble gas effluents and 2.A.1 and 2.A.2 for particulate and radioiodine effluents. Your response should contain a descriptive summary of the interim procedures for quantifying high level accidental radioactivity releases to meet the requirement in the Action Plan NUREG-0660, Appendix A, Table A.1, item (17) for II.F.1.(a).

b) By January 1, 1981, complete the installation of the high range noble gas effluent monitors II.F.1.(f) and provide the information required in item 2.1.8.b sections 1.A and 2.B given in the November 9, 1979 letter. Clarify that the steam dump/safety and containment hydrogen purge exhaust will have high range noble gas effluent monitors.

2) Primary Coolant Sources Outside Containment, Action Plan III.D.1.1.1

Before full power operation, provide a description of the method to be used during refueling outage leak rate tests and the weekly leak test procedure. Discuss the test method to be used for each system or subsystem, such as

hydraulic, mass spectrometer, freon, etc., and the acceptance criteria for the test. Compare the leak test criteria to area and effluent radiation monitor levels. Indicate the steps to be taken to minimize occupational radiation exposure, maintain test results, repair leaks and assure system completeness. Specify the staffing and training requirements.

3) Post Accident Sampling, Action Plan II.B.3

Before full power operation prior to January 1, 1981, provide a descriptive summary of the interim provisions and procedures for sampling and analyzing the reactor coolant and the containment atmosphere. Consider the modifications needed for the physical, chemical, as well as the radiological analysis steps. By January 1, 1981, provide a description and final system design of the new accident level sampling panel, and modifications to the sample handling and counting facilities to achieve analysis within the time specified in item 2.1.8.a given in the November 9, 1979 letter.