



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

AUG 03 1979

Docket Nos. 50-369
and 50-370

Mr. William O. Parker, Jr.
Vice President, Steam Production
Duke Power Company
P. O. Box 2178
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Parker:

SUBJECT: CORE PERFORMANCE - REQUEST FOR ADDITIONAL INFORMATION
(McGuire Nuclear Station, Units 1 and 2)

As a result of our continuing review of your application, we find that we are in need of specific information regarding McGuire core performance. This information is described in the Enclosure.

We request that this information be provided by September 4, 1979.

Please contact us if you have any questions concerning this matter.

Sincerely,

Robert L. Baer
Robert L. Baer, Chief
Light Water Reactors Branch No. 2
Division of Project Management

Enclosure:
Request for Additional
Information

ccs w/enclosure:
See next page

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Mr. William O. Parker, Jr.

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ENCLOSURE

AUG 03 1979

REQUEST FOR ADDITIONAL INFORMATION
MCGUIRE NUCLEAR STATION

241.3

The requirements for analyzing the asymmetric hydraulic horizontal load have been changed by the A-2 Task Force (Asymmetric Blowdown Loads on Reactor Primary Coolant System) since our SER of March 1978. To satisfy the new requirements McGuire should perform a plant specific analysis of their plant using the best available methodology and criteria for their design. At this time, McGuire should provide the results of an analysis which shows that their fuel assemblies can withstand the asymmetric loadings. McGuire should also commit to perform a further evaluation of their fuel following NRC approval of the generic analysis method should the methodology or criteria developed from this task warrant such reevaluation.

241.4

During a recent refueling outage at a N plant (Salem 1), strap damage was observed on a number of fuel spacer grids. It is not known whether the damage occurred during the initial core loading or during the refueling withdrawal. What assurances can you provide that the same type of grid damage will not be experienced at McGuire 1 and 2?

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