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

NOV 6 1980

U.S. NRC
DISTRIBUTION SERVICES
BRANCH SERVICES

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DISTRIBUTION
SERVICES UNIT

Docket Nos.: 50-369
and 50-370

Duke Power Company
ATTN: Mr. William O. Parker, Jr.
Vice President - Steam Production
P. O. Box 33189
422 South Church Street
Charlotte, North Carolina 28242

Dear Mr. Parker:

SUBJECT: ANTICIPATORY REACTOR TRIP ON TURBINE TRIP - TMI ITEM II.K.3
(MCGUIRE NUCLEAR STATION, UNITS 1 AND 2)

TMI related action plan item II.K.3, Final Recommendations of B&O Task Force, sub item C.3.12 recommends that for Westinghouse designed reactors confirmation be obtained that there is an anticipatory reactor trip on turbine trip. By letter of October 10, 1980 you provided us with your present position on this item. The primary objective of the B&O Task Force recommendation was the reduction of PORV challenges to the extent feasible by design and operational procedures. Retention of the presently proposed full load rejection capability without the anticipatory reactor trip on turbine trip would not conform to this objective.

Based on our review of your design we have concluded that operation without the anticipatory trip action is not justified in view of the PORV challenges that would occur for turbine trips while operating near and at full power without the anticipatory trip action. Consequently, we require that you commit prior to fuel loading to install this trip function and have it in operation prior to issuance of a full power license.

Regarding item C.3.10 on anticipatory trip by-pass above 10 percent nominal power, we require a response to this item if by-pass above 10 percent is planned.

We request that you response to this matter no later than November 14, 1980.

Sincerely,

R. L. Tedesco, Assistant Director
for Licensing
Division of Licensing

cc: See next page

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