

Docket Nos.: 50-369
and 50-370

Mr. H. B. Tucker, Vice President
Nuclear Production Department
Duke Power Company
422 South Church Street
Charlotte, North Carolina 28242

MAR 10 1986

Dear Mr. Tucker:

Subject: Request for Additional Information Regarding Deviation from
10 CFR 50 Appendix R - McGuire Nuclear Station, Units 1 and 2

The NRC staff is reviewing your letter of August 3, 1984 which identifies and provides justification for several apparent deviations of the Fire Protection Program at McGuire from 10 CFR 50 Appendix R. Our review is being performed with the technical assistance of the Franklin Research Center. We find that additional information, identified in the enclosure, is needed to complete this review.

Your reply to the enclosure is requested within 60 days of this letter. If you have questions regarding the enclosure, contact your Project Manager, Darl Hood, at (301) 492-8060.

Sincerely,

ISI

B. J. Youngblood, Director
PWR Project Directorate #4
Division of PWR Licensing-A

Enclosure: As stated

cc: See next page

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~~Docket File~~

NRC PDR
Local PDR
PRC System
NSIC
PWR#4 Rdg
MDuncan
DHood
OELD
ACRS (10)
JPartlow
BGrimes
EJordan
JStang

8603140497 860310
PDR ADOCK 05000369
F PDR

DH
PWR#4/DPWR-A
DHood/mac
03/7/86

DHm
PWR#4/DPWR-A
MDuncan
03/7/86

DHm
PWR#4/DPWR-A
BJYoungblood
03/7/86

Mr. H. B. Tucker
Duke Power Company

McGuire Nuclear Station

cc:

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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION REGARDING

APPENDIX R DEVIATIONS

MCGUIRE NUCLEAR STATIONS, UNITS 1 AND 2

The following information is needed to evaluate the Appendix R deviations discussed in the Licensee's August 3, 1984 submittal.

[Note: Page numbers in this request refer to those of the Licensee submittal, "Deviations from Appendix R Justifications".]

1. Provide fire loading in terms of BTUs per square foot for the following areas/locations:
 - a. Nuclear Service Water Pumps at Elevation 716
 - b. Component Cooling Water Pumps at Elevation 733
 - c. Turbine Driven AFW
 - d. Motor Driven AFW
 - e. Areas containing piping penetrations in reactor building shield walls
 - f. Auxiliary building electrical penetration rooms at Elevations 733 and 750
 - g. Locations having unrated HVAC duct penetrations in reactor building walls
 - h. Access portals to the reactor building from the auxiliary building
 - i. Wall locations having modified fire doors equipped with security hardware
 - j. Area on Elevation 733 (directly above Elevation 716) having 3 inch seismic gap filled with cork

Also, for items "a" through "j" above, verify that no fire hazardous equipment and/or concentrated fire load(s) exist in the vicinity of an area for which a deviation has been identified.

2. Verify that for all locations, for which a deviation has been identified, manual hose station and fire extinguisher coverage is provided.
3. Describe the spacing and/or protection afforded redundant hot shutdown cables located in the auxiliary building electrical penetration rooms on Elevations 733 and 750 (Page 1).
4. State (and describe if applicable) whether or not safe shutdown cables/equipment exist in the areas having access portals to the reactor building from the auxiliary building (Page 2).
5. Identify nearby safe shutdown cables/equipment on either side of fire doors equipped with unrated security hardware (Page 3).