

March 10, 1989

Docket Nos.: 50-369  
50-370

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

Dear Mr. Tucker:

SUBJECT: LICENSE AMENDMENT CORRECTIONS

My letter dated March 2, 1989, forwarded Amendments 93 and 74 to Facility Operating Licenses NPF-9 and NPF-17 for the McGuire Nuclear Station, Units 1 and 2, respectively. Enclosed with the amendments were Technical Specifications page changes. Two of those pages contained typographical errors and page 3/4 7-46 should have been omitted. Please remove page 3/4 7-46 of the March 2 transmittal and replace pages 3/4 7-45 and B 3/4 7-8 of the March 2 transmittal with the enclosed revised pages.

Sincerely,

Darl Hood, Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/encl:  
See next page

DISTRIBTUION:

Docket File  
NRC PDR  
Local PDR  
PDII-3 R/f  
MRood  
DHood  
DMatthews  
GLainas  
EAdensam  
OGC  
DHagan  
EJordan  
BGrimes  
TMeeks(8)

Wanda Jones P-130A  
EButcher 11-F-23  
ACRS (10) P-135  
GPA/PA 17-F-2  
ARM/LFMB AR-2015  
McGuire Plant File

PDII-3  
MRood  
03/10/89

<sup>DSN</sup>  
PDII-3  
DHood: 1s  
03/8/89

*MP*  
PDII-3  
DMatthews  
03/10/89

*DFOL*  
*11*

*CP-1*

*81*



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

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Sincerely,

A handwritten signature in black ink that reads "Darl Hood". The signature is stylized with a large, sweeping initial "D" and "H".

Darl Hood, Project Manager  
Project Directorate II-3  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/encl:  
See next page

Mr. H. B. Tucker  
Duke Power Company

McGuire Nuclear Station

cc:

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Pittsburgh, Pennsylvania 15230

TABLE 3.7-7

AUXILIARY BUILDING GROUNDWATER LEVEL MONITORS

<u>LOCATION</u>	<u>INTERIOR/ EXTERIOR ELEVATION</u>	<u>UNIT</u>
	(Feet - Mean Sea Level)	
PP51	Interior 731' - 0"	1
QQ56	Interior 731' - 0"	1 & 2
PP-61	Interior 731' - 0"	2
West Wall	Exterior 731' - 0"	1
East Wall	Exterior 731' - 0"	2

## PLANT SYSTEMS

### BASES

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#### 3/4.7/13 GROUNDWATER LEVEL

This Technical Specification is provided to ensure that groundwater levels will be monitored and prevented from rising to the potential failure limit for the McGuire Units 1 and 2 Auxiliary Buildings. This potential failure limit is based on engineering calculations that have determined that the Auxiliary Buildings are susceptible to overturning due to buoyancy at elevation 737 feet Mean Sea Level (MSL). Under the requirements of this Technical Specification, if groundwater level exceeds elevation 731 feet MSL, (3 out of 5 Tech Spec groundwater monitor alarms), and cannot be reduced in one (1) hour, McGuire must begin reducing Units 1 and 2 to Mode 5, Cold Shutdown.

Analysis performed by Design Engineering determined that the Reactor and Diesel Generator Buildings are designed to withstand hydrostatic loadings due to groundwater levels up to elevation 760 feet MSL; therefore, no Technical Specification requirements are specified for these structures.

Elevation 731 feet MSL is the Technical Specification action level of the five Technical Specification groundwater monitors listed in Table 3.7-7. The East Wall exterior monitor alarm at elevation 731 feet MSL is the Alert alarm due to the groundwater well being bored to a depth of 730 feet MSL because of underground rock formation below the well. The other four (4) monitors are Hi-Hi alarms at elevation 731 feet (MSL).

The East Wall exterior monitor was originally on the exterior of the Unit 2 Auxiliary Building and subsequently was enclosed by the construction of the Equipment Staging Building.

As required by Operations procedures, any alarms on non-Technical Specification groundwater monitors will also be investigated. Additionally, if three (3) out of the five (5) Technical Specification Groundwater monitors alarm at levels below the Technical Specification action levels, Operations will contact Duke Design Engineering (Civil) for investigation and resolution of the increased groundwater level.

If one or more of the 5 Technical Specification groundwater monitors is determined to be inoperable, the monitor(s) will be considered to be indicating above the 731'-0" level until repaired and returned to an operable status.