



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555  
May 14, 1985

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

Dear Mr. Tucker:

Subject: Technical Specification Corrections

My March 22, 1985, letter transmitted Amendment No. 42 to Facility Operating License NPF-9 and Amendment No. 23 to Facility Operating License No. NPF-17 for the McGuire Nuclear Station, Units 1 and 2.

Two of the Technical Specification pages attached to these amendments contained typographical errors. Enclosed are corrected pages.

Please replace pages 2-5 and 3/4 3-9 in Amendments 42 and 23 with the attached corrected pages.

Sincerely,

A handwritten signature in cursive script that reads "Elinor G. Adensam".

Elinor G. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing

Enclosures:  
As stated

cc w/encl:  
See next page

DESIGNATED ORIGINAL

Certified By

A handwritten signature in cursive script that reads "Angela Statton".

McGuire

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TABLE 3.3-2

REACTOR TRIP SYSTEM INSTRUMENTATION RESPONSE TIMES

<u>FUNCTIONAL UNIT</u>	<u>RESPONSE TIME</u>
1. Manual Reactor Trip	N.A.
2. Power Range, Neutron Flux	$\leq 0.5$ second*
3. Power Range, Neutron Flux, High Positive Rate	N.A.
4. Power Range, Neutron Flux, High Negative Rate	$\leq 0.5$ second*
5. Intermediate Range, Neutron Flux	N.A.
6. Source Range, Neutron Flux	N.A.
7. Overtemperature $\Delta T$	$\leq 6.0$ (Unit 1), 8.0 (Unit 2) seconds*
8. Overpower $\Delta T$	$\leq 6.0$ (Unit 1), 8.0 (Unit 2) seconds*
9. Pressurizer Pressure--Low	$\leq 2.0$ seconds
10. Pressurizer Pressure--High	$\leq 2.0$ seconds
11. Pressurizer Water Level--High	N.A.

\* Neutron detectors are exempt from response time testing. Response time of the neutron flux signal portion of the channel shall be measured from detector output or input of first electronic component in channel.

TABLE 2.2-1

## REACTOR TRIP SYSTEM INSTRUMENTATION TRIP SETPOINTS

FUNCTIONAL UNIT	TRIP SETPOINT	ALLOWABLE VALUES
1. Manual Reactor Trip	N.A.	N.A.
2. Power Range, Neutron Flux	Low Setpoint - $\leq 25\%$ of RATED THERMAL POWER High Setpoint - $\leq 109\%$ of RATED THERMAL POWER	Low Setpoint - $\leq 26\%$ of RATED THERMAL POWER High Setpoint - $\leq 110\%$ of RATED THERMAL POWER
3. Power Range, Neutron Flux, High Positive Rate	$< 5\%$ of RATED THERMAL POWER with $\bar{a}$ time constant $\geq 2$ seconds	$< 5.5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ seconds
4. Power Range, Neutron Flux, High Negative Rate	$< 5\%$ of RATED THERMAL POWER with $\bar{a}$ time constant $\geq 2$ seconds	$< 5.5\%$ of RATED THERMAL POWER with a time constant $\geq 2$ seconds
5. Intermediate Range, Neutron Flux	$< 25\%$ of RATED THERMAL POWER	$\leq 30\%$ of RATED THERMAL POWER
6. Source Range, Neutron Flux	$< 10^5$ counts per second	$\leq 1.3 \times 10^5$ counts per second
7. Overtemperature $\Delta T$	See Note 1	See Note 3
8. Overpower $\Delta T$	See Note 2	See Note 3
9. Pressurizer Pressure--Low	$\geq 1945$ psig	$\geq 1935$ psig
10. Pressurizer Pressure--High	$< 2385$ psig	$\leq 2395$ psig
11. Pressurizer Water Level--High	$< 92\%$ of instrument span	$\leq 93\%$ of instrument span
12. Low Reactor Coolant Flow	$\geq 90\%$ of design flow per loop*	$\geq 89\%$ of design flow per loop*

\*Design flow is 98,400 gpm per loop for Unit 1 and 97,220 gpm per loop for Unit 2.