



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,

Handwritten signature of Elinor G. Adensam in cursive.

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

Enclosures:  
As stated

cc w/encl:  
See next page

DESIGNATED ORIGINAL

Certified By

Handwritten signature of Angela Statton in cursive.

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	≤ 0.5 second*
3. Power Range, Neutron Flux, High Positive Rate	N.A.
4. Power Range, Neutron Flux, High Negative Rate	≤ 0.5 second*
5. Intermediate Range, Neutron Flux	N.A.
6. Source Range, Neutron Flux	N.A.
7. Overtemperature ΔT	≤ 6.0 (Unit 1), 8.0 (Unit 2) seconds*
8. Overpower ΔT	≤ 6.0 (Unit 1), 8.0 (Unit 2) seconds*
9. Pressurizer Pressure--Low	≤ 2.0 seconds
10. Pressurizer Pressure--High	≤ 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

<u>FUNCTIONAL UNIT</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUES</u>
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	$<$ $1.3 \times 10^5$ 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	$>$ 1945 psig	$>$ 1935 psig
10. Pressurizer Pressure--High	$<$ 2385 psig	$<$ 2395 psig
11. Pressurizer Water Level--High	$<$ 92% of instrument span	$<$ 93% of instrument span
12. Low Reactor Coolant Flow	$>$ 90% of design flow per loop*	$>$ 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.