

→ M. DUNN

To: - Ralph Birkel
X 28516

DUKE POWER COMPANY

POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

From: Skip Copp
(2 pages)

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

September 21, 1981

TELEPHONE AREA 704
373-4083

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

Re: McGuire Nuclear Station
Proposed Amendment to License NFF-9
Docket No. 50-369

Ralph,

This one needs to
be expedited. We cannot
exceed 48 to power until
this is approved.

Skip

Dear Mr. Denton:

Attached is a proposed change to the McGuire Nuclear Station, Unit 1, Technical Specifications. This change corrects the setpoint associated with the reactor trip initiated by a turbine trip.

This change has been reviewed and it has been determined that there are no adverse safety or environmental impacts associated with the proposed change. The proposed change is considered to be a Class III amendment pursuant to 10 CFR 170.22. Therefore, enclosed is a check in the amount of \$4000.

Very truly yours,

s/William O. Parker, Jr.
William O. Parker, Jr.

GAC/sah

cc: Ms. M. J. Graham
Resident Inspector
McGuire Nuclear Station

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

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U.S. NUCLEAR REGULATORY
COMMISSION

Technical Specification 2.2 - Reactor Trip Instrumentation Setpoints

Proposed Change

Change Values on Item 12B in Table 2.2-1 to read:

12A) Low System Pressure Trip - Trip Setpoint \geq 43 psig
Allowable Value \geq 42 psig

Justification and Safety Analysis

The design of the Turbine Trip/Reactor Trip circuit is based on the control oil system which is used to control DEH system oil pressure through an interface valve. When a turbine trip signal is initiated, a section of the control oil system is bled off which in turn dumps the pressure on the DEH system to close the turbine control and stop valves. This control oil system generates a low pressure signal at 43 psig through 2 out of 3 logic to trip the reactor above the P-8 setpoint. The DEH low pressure trip at 900 psig serves to close the turbine control and stop valves which in turn would trip the reactor through the turbine stop valve closure switch at 1% open. However, the DEH system low pressure trip does not directly feed the reactor trip circuit. Therefore, the setpoint specified should be for the control oil pressure switches which directly initiate the reactor trip.

This proposed change corrects the current Technical Specifications to correctly specify the trip setpoint and as such does not result in any adverse safety implications.
