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DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

October 31, 1979

TELEPHONE AREA 704  
373-4083

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

Re: McGuire Nuclear Station  
IE Bulletin 79-24  
RII:JPO  
50-369 and 50-370

Dear Mr. O'Reilly:

Attached is Duke Power Company's response to IE Bulletin 79-24  
which was transmitted in your letter of September 27, 1979.

Very truly yours,

*William O. Parker, Jr.*  
William O. Parker, Jr. *By HWT*

THH/sch  
Attachment

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McGuire Nuclear Station  
Response to IE Bulletin 79-24

A review of the design of McGuire Nuclear Station has revealed that adequate protective measures have been taken to prevent safety-related process, instrument, and sampling lines from freezing. All safety-related piping buried outdoors is covered by a minimum of 24 inches of soil. This piping is therefore buried below the Charlotte area frost line, which can vary from 12 to 20 inches. All safety-related lines located in covered trenches or supported above the ground are heat traced and insulated.

In addition the vent and instrumentation lines on the RWST are heat traced, monitored for low temperature, insulated, and covered with stainless steel sheathing. Duke Power Company is also in the process of providing heat tracing on the RWST overflow and recirculation lines. These modifications will be complete by January 1, 1980.

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