

DUKE POWER COMPANY

P.O. BOX 33188  
CHARLOTTE, N.C. 28242

HAL B. TUCKER  
VICE PRESIDENT  
NUCLEAR PRODUCTION

TELEPHONE  
(704) 373-4531

October 11, 1982

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

Subject: McGuire Nuclear Station - Unit 2  
Docket No. 50-370

Dear Mr. Denton:

In order to support your review for the proposed facility operating license for McGuire Unit 2, the important differences in design features between McGuire Units 1 and 2 are identified on the attached page. Please contact R. E. Harris (704-373-8771) if you have any questions.

Very truly yours,

*H.B. Tucker / HBT*

Hal B. Tucker

REH:jfw  
Attachment

cc: James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

P. R. Bemis  
Senior Resident Inspector  
McGuire Nuclear Station

Boo1

Attachment 1

McGuire Unit 1 - Unit 2  
Significant Differences

1. B<sub>4</sub>C control rods on Unit 2 (Re: FSAR Section 4).
2. No Boron Injection Tank (BIT) for Unit 2.
3. Offsite power distribution voltages. (Re: FSAR Section 8.1)
4. Five thermocouples in upper reactor head not installed on Unit 2.
5. Steam Generator preheater instrumentation not installed on Unit 2.  
(Re: FSAR Table 14.1.4-3)
6. Tests not required for Unit 2 such as UHI high-pressure blowdown test, steam generator water hammer test, and special low power tests (natural circulation verification, etc.)