

Duke Power Company  
McGuire Nuclear Station  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

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**DUKE POWER**

January 27, 1992

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D. C. 20555

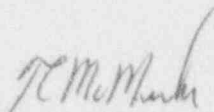
Subject: McGuire Nuclear Station, Units 1 and 2  
Docket Nos. 50-361 and 50-370  
10 CFR 50.61(b)(1)  
Evaluation of Pressurized Thermal Shock  
for McGuire Unit 2, WCAP-13518

Dear Sir;

Please find attached the following report: WCAP-13518, "Evaluation of Pressurized Thermal Shock for McGuire Unit 2". The purpose of this report is to determine the  $RT_{PTS}$  values for the McGuire Unit 2 reactor vessel. As discussed in the report, all the  $RT_{PTS}$  values currently remain below the NRC Pressurized Thermal Shock screening criterion, and are projected to remain below the criterion at the end-of-license (32 EFPY). This report is provided pursuant to the requirements of 10 CFR 50.61(b)(1).

Please contact Paul Guill at (704) 875-4002 if you have any questions regarding this report.

Very truly yours,

  
T. C. McMeekin

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January 7, 1993  
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