

DUKE POWER COMPANY
POWER BUILDING
122 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28202

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WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

April 10, 1980

TELEPHONE AREA 704
373-4083

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

Subject: McGuire Nuclear Station
Docket No. 50-370

Re: RII:ENG
50-370/80-01

Dear Mr. O'Reilly:

As requested by Mr. Milt Hunt and Mr. Ed Girard of your Staff in a conference call held on April 3, 1980 please find attached further information in regard to Item A of the subject inspection report. This letter supplements my responses of March 5, 1980 and March 27, 1980.

Very truly yours,

William O. Parker, Jr.
William O. Parker, Jr. *WOP*

LJB:scs

Attachment

POOR ORIGINAL

MCGUIRE NUCLEAR STATION

Supplemental Response To
IE Inspection Report 50-370/80-01
April 11, 1980

RESPONSE

In regard to the inspection of samples of flanges and fittings referred to in my responses of March 5, 1980 and March 27, 1980, area (b) should be corrected to read, "Socket weld flanges using schedule 40 or less pipe for weld size."

The corrective action taken for welds on McGuire Unit 2 which were below the minimum requirements is updated as follows: The weld buildup of undersized welds is underway and is scheduled to be completed by May 16, 1980. The pressure testing of these buildup areas will occur when the systems are scheduled for their initial test. These tests, dependent upon the system, occur between May 1, 1980 and February 1, 1981.

The following corrective action has been taken for welds on McGuire Unit 1. The results of the Unit 2 inspection indicated a need to inspect the weld size on all socket weld flanges on pipe of greater than schedule 40 thickness. The Unit 2 inspection indicated no need for concern for regular socket weld fittings and for flanges on pipe of schedule 40 or less thickness.

All of the socket weld flanges on McGuire Unit 1 on greater than schedule 40 pipe have been checked. A total of 125 flanges were checked; thirty-nine of these welds were rejected. The rejected welds were undersized up 0.201 inches with most of the welds being undersized approximately 0.050 inches. The weld buildup on these undersized welds will be completed by May 9, 1980. Pressure testing of these areas will occur, dependent upon the system, between May 1, 1980 and May 16, 1980.

This incident occurred due to personnel error. In the transfer of information from the ASME Code to the Duke Power Process Control Manual the weld size 1.4T was incorrectly transferred as 1 1/4T. The Process Control Manual was revised on January 18, 1980 to correct these instructions. Correct weld size information for all types of Code socket welds have been provided to Quality Assurance inspectors and craftsman. A review of the process used to transfer information to inspectors and craftsman indicates that this process is adequate and that no action needs to be taken in this area.