

OFFICIAL COPY

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

July 2, 1981

TELEPHONE AREA 704
373-4083

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



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

Dear Mr. O'Reilly:

Pursuant to 10CFR 50.55e please find attached Significant Deficiency Report
SD 370/81-06.

Very truly yours,

William O. Parker, Jr.

William O. Parker, Jr.

RWC/php

Attachment

cc: Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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

8107310257 810702
PDR ADDCK 05000370
S PDR

1E27
S111

Report Number SD-370/81-06
Report Date July 2, 1981
Facility McGuire Nuclear Station Unit 2

Identification of Deficiency

Radiographic film for reactor vessel CRDM housing welds supplied by Westinghouse does not meet the requirements of ASME Section III Appendix IX.

Initial Report

On June 3, 1981, Mr. J. Bryant of NRC Region II, Atlanta, GA, was notified of this deficiency by Messrs. W. O. Henry, J. E. Cavender, and J. K. Berry of Duke Power Company, Charlotte, NC 28242. This notification was a result of potentially reportable items CA-81-19 and MC-81-11.

30-day Follow-Up Report

Westinghouse determined on June 24, 1981 that 13 RT films at Catawba and 11 RT films at McGuire exceeded the film density requirements. These welds will require additional volumetric examination by Westinghouse. This work is expected to start about August 15, 1981, when the Catawba reactor vessel head can be removed. The Catawba resident NRC inspector was present during the film evaluation by Duke and Westinghouse.

One film for a CRDM weld was not found in the McGuire records and will also be included in the reexamination.

Westinghouse is continuing their technical evaluation of the radiograph technique used. Also a CRDM mockup is being made to evaluate different volumetric examination techniques.

A final report will be provided by December 15, 1981.