

OFFICIAL COPY

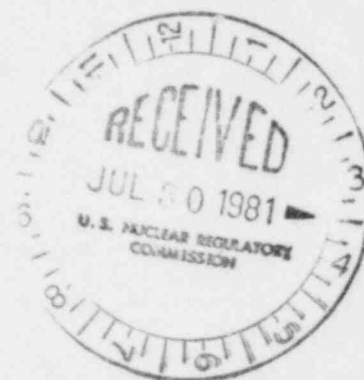
DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

TELEPHONE: AREA 704
373-4083

July 2, 1981

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



Re: Catawba Nuclear Station
Unit 1
Docket No. 50-413

Dear Mr. O'Reilly:

Pursuant to 10CFR 50.55e, please find attached Significant Deficiency Report SD 413/81-12.

Very truly yours,

William O. Parker Jr.
William O. Parker, Jr.

RWO/php

Attachment

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

Resident Inspector
Nuclear Regulatory Commission
Catawba Nuclear Station

IER7
51/1

Report Number SD-413/81-12
Report Date July 2, 1981
Facility Catawba Nuclear Station Unit 1

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 Messers. 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 film 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.