UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION I
970 BROAD STREET
NEWARK, NEW JERSEY 07102

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AUG 10 1972

Niagara Mohawk Power Corporation
Attention: Mr. F. J. Schneider
Vice President - Operations
300 Erie Boulevard West
Syracuse, New York 13202

Docket No. 50-220

Gentlemen:

Thank you for your letter informing us of the action you have taken or the program you intend to pursue in response to our letter of June 22, 1972, relating to "Wall Thicknesses of Nuclear Service Valves."

The results and corrective actions will be reviewed during subsequent inspections of your facility.

Your cooperation with us is appreciated.

Sincerely yours,

James P. O'Reilly
Director

cc: Mr. P. A. Burt, General Superintendent

bcc: RO Files
DR Central Files
PDR
Local PDR
NSIC
DTIE

Misc Appl

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

July 21, 1972

United States Atomic Energy Commission
Division of Compliance, Region I
Attention: Mr. James P. O'Reilly
Director
970 Broad Street
Newark, New Jersey 07102

Dear Mr. O'Reilly:

Re: Provisional Operating License: DPR-17
Docket No.: 50-220

In your letter of June 22, 1972, you requested that we advise you of our plans and schedule for documentation of wall thickness on valves relating to nuclear safety within the reactor coolant pressure boundary.

The valves installed in the reactor coolant pressure boundary at Nine Mile Point Nuclear Station, Unit #1, as defined in subsection 50.55 (Codes and Standards) of 10 CFR 50, were designed and purchased under ASA B-31.1, B-16.5-1961, MSS-SP-66 and ASME Sections III and VIII. Those codes, at that time, did not require documentation of valve wall thickness although the valve manufacturer was required to design and cast the valve in accordance with the applicable code.

A comprehensive review of our records indicates that documentation of valve wall thickness was not included in the manufacturing records furnished to Nine Mile Point, Unit #1.

In light of the above information, a program to obtain documentation of wall thickness of these valve bodies is being instituted.

The documentation of wall thickness of the affected valves will be the result of ultrasonic measurements of wall thickness, with comparison to specified minimum wall thickness.

The ultrasonic measurement technique will be demonstrated to have a maximum error in repeatability and accuracy of not more than 2% and documented against a machine test block of the appropriate material and minimum wall thickness.

Minimum wall thickness documentation using the above technique will be accomplished over a three year period commencing with Spring 1973 annual outage. Approximately 26 valves can be documented during each annual outage resulting in complete documentation of the approximately 72 valves in three years.

Very truly yours,

F. J. Schneider

F. J. Schneider
Vice President - Operations

FJS:pw