

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

Nine Mile Point Nuclear Station
P. O. Box 32
Lycoming, New York 13093
August 16, 1972

Mr. Donald J. Skovholt
Assistant Director for Reactor Operations
Division of Reactor Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Skovholt:

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

During the annual inspection outage of Nine Mile Point Nuclear Station, Unit #1 this past spring, a problem with the electromatic relief valve was discovered and a letter dated June 2, 1972, forwarded to your office.

In this letter a repair to all six valves was outlined which would improve the dependability of valve operation. In effect, the repair was to remove the locking screw and lock retainer plate and in their place cut four 1/4" V grooves, 1" long in the joint between the disc retainer and the valve body insert and stitch weld them together. (See enclosed drawing).

Electromatic valve #112 on which the disc retainer had backed out and was found in the bottom of the valve body had sustained damage to the disc retainer threads and valve body threads. A new disc retainer was purchased, installed and stitch welded along the valve body disc retainer joint. However, the testing of this valve following maintenance revealed that leakage was developed past the disc retainer into Chamber A from Chamber C. This would be the result of damage to the valve body threads. It was then deemed necessary to seal weld instead of stitch weld the entire joint between the disc retainer and the valve body to insure no leakage and dependable operation of the valve. Subsequent testing showed the valve fully operable.

Very truly yours,

T. J. Perkins
T. J. Perkins
Station Superintendent

COPY SENT REGION I

8/24
P.M.
G.R.
HT
JK
RM
DK

8303010353 721212
PDR ADOCK 05000220
PDR
Q

50-220
inquiry
1653