

AMB



THE CLEVELAND ELECTRIC ILLUMINATING COMPANY

P.O. BOX 5000 - CLEVELAND, OHIO 44101 - TELEPHONE (216) 622-9800 - ILLUMINATING BLDG. - 55 PUBLIC SQUARE

Serving The Best Location in the Nation

MURRAY R. EDELMAN
VICE PRESIDENT
NUCLEAR

October 9, 1985

PY-CEI/OIE 0117 L

Mr. James G. Keppler
Regional Administrator, Region III
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

RE: Perry Nuclear Power Plant
Docket Nos. 50-440; 50-441
Borg-Warner Gate Valves
[RDC 121(84)]

Dear Mr. Keppler:

Our letter of August 19, 1985, detailed corrective action for Borg Warner gate valves determined subject to failure in various orientations (ref: PY-CEI/OIE 0054 L); this report indicated that both guides would be replaced in the RON-218 valves found subject to failure in vertical piping through exercising of a RON-207 valve in a similar orientation.

Contributing factors to the failure of the RON-207 valve during inspection/cycling were determined to be welded-in carbon steel guides and excessive gate/guide operating clearance which allowed the gate seizure phenomenon described in our previous letter.

Upon disassembly of the RON-218 valves for repair, it was discovered that these valves had guides casted as an integral body part, and that gate/guide operating clearance were significantly closer than in the RON-207 valve. As this reduced clearance will serve to limit the gate inclination required to precipitate gate seizure, The Cleveland Electric Illuminating Company has decided not to replace the guides in these valves. Gate sliding surface corners will be contoured instead as an added measure to preclude gate seizure.

8511070206 851009
PDR ADOCK 05000440
S PDR

10 1627
OCT 11 1985

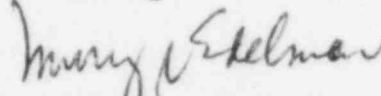
Mr. James G. Keppler

-2-

October 9, 1985
PY-CEI/OIE 0117 L

This is our final report on this matter. If there are any questions, please call.

Sincerely,



Murray R. Edelman
Vice President
Nuclear Group

MRE:sab

cc: Mr. J. A. Grobe
USNRC, Site Office (SBB50)

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

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Records Center, SEE-IN
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339