

Illinois Power Company

U- 0637
L30-83(05-18)-L

500 SOUTH 27TH STREET, P. O. BOX 511, DECATUR, ILLINOIS 62525-1805

Docket No. 50-461

May 18, 1983

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Schwencer:

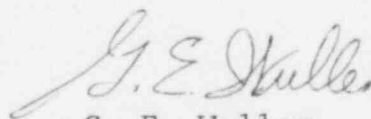
- Reference: 1) Letter 3/26/82, J. R. Miller (NRC) to L. J. Koch
(IP), "Fast Scram Loads on Control Rod Drive Systems"
- 2) Letter 9/24/82, (U-0552) G. E. Wuller (IPC) to
C. D. Thomas (NRC), "Clinton Power Station Unit 1"

The reference 1 letter requested information on the hydrodynamic water hammer analysis of the Control Rod Drive (CRD) System for Clinton Power Station. We provided the requested information in the reference 2 letter.

We reported in the reference 2 letter that the design basis opening time for the inlet scram valve (V126) is twenty milliseconds (20 ms). Based on additional analysis and test data available since that time, we have determined that a forty-five millisecond (45 ms) valve opening parameter more appropriately models the valve hydraulic response. Therefore, the design basis opening time for the inlet scram valve is forty-five milliseconds.

The remainder of the reference 2 response is unchanged.

Sincerely,



G. E. Wuller
Supervisor, Licensing
Nuclear Station Engineering

PEW/lt

cc: Dr. H. Abelson, NRC Clinton Project Manager
Mr. H. H. Livermore, NRC Resident Inspector
Illinois Department of Nuclear Safety

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