

# Illinois Power Company

U-0621  
L30-83(03-23)L

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

Docket No. 50-461

March 23, 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:

Clinton Power Station Unit #1  
Capability for Safe Shutdown Following Loss of  
a Bus Supplying Power to Instruments and Controls  
(SER Outstanding Issue #14)

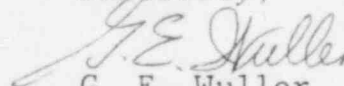
Reference: IP Letter U-0580 from G. E. Wuller to A. Schwencer,  
NRC December 9, 1982; (SER Outstanding Issues Nos. 14 & 15)

The referenced letter included a report prepared by Quadrex Corporation on the evaluation of Clinton Power Station with respect to IE Information Notice 79-22 and IE Bulletin 79-27. The report contained a recommendation that Illinois Power Company (IP) provide alarms and/or indications in the main control room to alert the operator to the loss of power to each bus.

Five instances where loss of a particular instrumentation power bus will necessitate reliance on emergency procedures to achieve cold shutdown were identified. After further review by IP, it has been determined that loss of voltage alarms will be installed to annunciate in the main control room for these five instances.

We believe that the above information is adequate to close out CPS-SER Outstanding Issue #14 in the next SER Supplement. Please let us know, at your earliest convenience, if you have any additional questions.

Sincerely,



G. E. Wuller  
Supervisor-Licensing  
Nuclear Station Engineering

JPO/LG/jmm

cc: H. Abelson, NRC Clinton Project Manager  
H. H. Livermore, NRC Resident Inspector  
R. A. Kendall, NRC Instrumentation & Control Systems Branch  
Illinois Dept. of Nuclear Safety

Boo!