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ILLINOIS POWER COMPANY



CLINTON POWER STATION, P.O. BOX 678, CLINTON, ILLINOIS 61727

Docket No. 50-461

March 27, 1986

Director of Nuclear Reactor Regulation  
Attention: Dr. W. R. Butler, Director  
BWR Project Directorate No. 4  
Division of BWR Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Clinton Power Station  
Response to IE Information Notice No. 85-09

Dear Dr. Butler:

A review of IE Information Notice No. 85-09 has been performed. The subject notice calls attention to potential deficiencies in the electrical design of isolation transfer switches installed outside the control room. The transfer switches provide electrical isolation of certain shutdown circuits from the control room and other essential areas during post-fire accident conditions. It was discovered that a fire in the control room of the Wolf Creek facility could result in a condition where troubleshooting/repair would be required to achieve or maintain hot shutdown if fuses in certain circuits blew.

This concern is not applicable to the Clinton Power Station. A review of schematic diagrams and operating procedures associated with achieving hot shutdown during a post-fire accident condition indicates that all isolation transfer switches in these circuits are located at the remote shutdown panel (RSP). All circuits are redundantly fused and when a transfer switch is in the "emergency" position, control power to its circuits is supplied from the RSP. Because of this, fire damage in the control room which results in blown fuses and loss of control power to the circuits will not render the circuits inoperable when its isolation transfer switch is placed in the "emergency" position.

If you need any further information, please advise.

Sincerely yours,

A handwritten signature in dark ink, appearing to read 'F. A. Spangenberg'.

F. A. Spangenberg  
Manager - Licensing and Safety

DWW/ckc

cc: B. L. Siegel, NRC Clinton Licensing Project Manager  
NRC Resident Office  
Regional Administrator, Region III USNRC  
Illinois Department of Nuclear Safety

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