

ILLINOIS POWER COMPANY



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

10CFR50.59

May 1, 1987

Docket No. 50-461

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

Subject: Clinton Power Station  
10CFR50.59 Report

Dear Sir:

Pursuant to the Facility Operating License NPF-62, Condition 2.C.8, Illinois Power Company is hereby reporting changes to the programs described in Chapter 14 of the Clinton Power Station Final Safety Analysis Report (FSAR). These changes were made after evaluations were performed in accordance with the provisions of 10CFR50.59. These changes are described in Attachment 1.

If you have any questions or need any additional information, please contact me.

Sincerely yours,

F. A. Spangenberg  
Manager - Licensing and Safety

DWW/bsa

Attachment

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

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## Attachment 1

### Change Description

FSAR Section 14.2.12.2.34.3 will be revised to state "The reactor will be scrammed or shut down from any temperature, with pressure above 20 psig and the MSIV's will be subsequently closed. It will be . . .". Also, item 15 of Table 14.2.-4 (page 14.2-180) will be revised to be consistent.

### Safety Evaluation Summary

The requirement to be at rated temperature and pressure is unnecessary since the MSIV leakage control system (MSIV-LCS) may only be initiated when the 20 psig permissive is received. No change is made to the method used to initiate the MSIV-LCS.

This change has been evaluated in accordance with 10CFR50.59 per the appropriate procedures, and it has been determined that the change can be made per 10CFR50.59.

### Change Description

FSAR Section 14.2.12.2.31.4 will be revised to state "The bottom head flow indicator shall be recalibrated to the RWCU flow indicator if the deviation between them is greater than 25 gpm, for normal system flow between 60 to 160 gpm." Also, item 31 of Table 14.2-4 (page 14.2.179) will be revised to be consistent.

### Safety Evaluation Summary

The change specifies the system flow range within which the bottom head flow indicator will be recalibrated to the Reactor Water Cleanup (RWCU) flow indicator if the two deviate more than 25 gpm. This range (60-160 gpm) encompasses the normal range of flows expected through this line. Since the system will not normally be operating outside this range, the change does not affect the safety design basis as described in the FSAR.

This change has been evaluated in accordance with 10CFR50.59 per the appropriate procedures, and it has been determined that the change can be made per 10CFR50.59.