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U-603206
2C.220

May 13, 1999

Docket No. 50-461

10CFR50.73

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

Subject: Clinton Power Station - Unit 1
Cancellation of Licensee Event Report No. 1998-014-00

Dear Madam or Sir:

This letter cancels Licensee Event Report (LER) 1998-014-00, "Design Fatigue Analysis for Feedwater Piping Does Not Match Fatigue Analysis for Feedwater Nozzles Resulting in a Condition that was Outside the Design Basis of the Plant." The LER was transmitted to the NRC via letter U-602984 dated April 20, 1998.

The LER reported that sections of the feedwater piping were outside the plant's design basis for fatigue analysis. The decision to report this condition was based on a comparative review of the stress reports for the ASME Class 1 feedwater piping and data from a conservative estimate of the number of feedwater injection cycles experienced during plant shutdowns and restarts. The total number of cycles appeared to exceed the values assumed in the fatigue analysis. Since these values were considered to be part of the design basis for the feedwater system, this issue was reported under the provisions of 10CFR50.73(a)(2)(ii) representing "a condition outside the design basis" of the plant. The cause, corrective action, and analysis of the safety consequences and implications for the condition had not been completely evaluated at the time of LER submittal.

Upon subsequent investigation of the issue, Clinton Power Station determined that the fatigue analysis used for comparative evaluation was overly conservative. Using inputs more representative of the operation and construction of the feedwater system, a calculation was performed which demonstrated that the feedwater piping is currently, and has always been, within its design basis. Therefore, this condition is not reportable under 10CFR50.73(a)(2)(ii).

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Sincerely yours,



John P. McElwain
Chief Nuclear Officer

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cc: NRC Clinton Licensing Project Manager
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Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety
INPO Records Center