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U-602261
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March 17, 1994

Docket No. 50-461

10CFR50.44

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

Subject: Clinton Power Station
Hydrogen Control Final Analysis

Dear Sir:

Pursuant to 10CFR50.44, Illinois Power (IP) has completed the Clinton Power Station (CPS) hydrogen control final analysis. The CPS-specific analysis was performed in accordance with the approved Hydrogen Control Owners Group (HCOG) topical report. The generic program completed by the HCOG provided a basis for the plant-specific analysis of CPS structures and equipment. Based on the results of the generic activities and the plant-specific efforts completed by IP, we conclude that CPS is in full compliance with the requirements of the hydrogen rule.

By letter dated August 6, 1993 from D. V. Pickett (NRC) to R. F. Phares (IP), the NRC staff indicated they do not intend to perform a detailed review of the CPS hydrogen control final analysis on the basis that the generic analysis performed by the HCOG was reviewed and approved by the NRC staff and that IP committed to complete the plant-specific analysis consistent with the generic analysis. In accordance with the NRC staff request, IP is not submitting the final analysis of CPS compliance with the hydrogen rule. However, IP will retain the subject report and all associated documentation as part of the permanent plant records. All records will be available for review upon request.

Sincerely yours,

Richard F. Phares
Director, Licensing

TAB/csm

cc: NRC Clinton Licensing Project Manager
220030 NRC Resident Office, V-690
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety

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