



Illinois Power Company  
Clinton Power Station  
P.O. Box 678  
Clinton, IL 61727  
Tel 217 935-8881

Joseph V. Sipek  
Director - Licensing

U-603089  
1A.12C

September 29, 1998

Docket No. 50-461

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

Subject: Clinton Power Station's Request to Modify the  
National Pollutant Discharge Elimination System Permit

Dear Madam or Sir:

The Environmental Protection Plan, Appendix B to the Facility Operating License (License No. NPF-62), requires Illinois Power to notify the NRC of proposals to modify the National Pollutant Discharge Elimination System (NPDES) Permit for Clinton Power Station (CPS).

The attached copy of a proposal to modify the NPDES Permit for CPS is provided for your information. This request has been submitted to the Illinois Environmental Protection Agency for consideration.

Sincerely yours,

Joseph V. Sipek  
Director - Licensing

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Attachment

cc: NRC Clinton Licensing Project Manager  
NRC Resident Office, V-690  
NRC Regional Administrator, Region III

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September 22, 1998

Mr. Stephen F. Nightingale, P.E.  
Manager, Industrial Unit, Permits Section  
Division of Water Pollution Control  
Bureau of Water  
Illinois Environmental Protection Agency  
P.O. Box 19276  
Springfield, IL 62794-9276

Dear Mr. Nightingale:

Clinton Power Station  
NPDES Permit IL0036919  
Request to Modify Permit

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On August 17, 1998, your office issued construction permit 1998-EN-1285 for the installation of a dechlorination facility at Outfall 006 (the screenhouse discharge) at Clinton Power Station. Since the issue of chlorinated traveling screen backwash water was discovered after the last issuance of the NPDES permit, the current NPDES operating permit does not contain any effluent limitations or sampling requirements for chlorine.

Illinois Power Company hereby requests a modification of CPS' current NPDES permit to incorporate the following effluent limitations and sampling requirements:

- During the intermittent discharge of chlorinated service water ( $\leq 120$  minutes) from the traveling screens, the concentration of TRC:
  - ♦ averaged over the discharge period will not exceed 0.2 mg/l
  - ♦ as an instantaneous maximum will not exceed 0.5 mg/l
- During the continuous discharge of chlorinated service water ( $> 120$  minutes) from the traveling screens, TRC concentrations will not exceed 0.05 mg/l.
- The TRC concentration in the effluent will be verified by the collection of a representative grab sample once per week.

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In addition, Illinois Power Company has requested two other NPDES permit modifications at CPS since the permit was originally issued on September 21, 1995. These two requests were sent to your office in letters dated September 29, 1995 and November 7, 1995. The September letter to Mr. LeCrone requests the correction of typographical errors in the originally issued permit. The original reissued permit, with the typographical errors noted, was enclosed with the September 29, 1995 request. The November letter to you requests a modification of the frequency of the total residual chlorine (TRC) monitoring requirement at Outfall 007 from continuous to once-weekly.

Clinton Power Station is planning to begin construction on the Outfall 006 dechlorination facility around October 19, 1998 and plans for the facility to be operational approximately three weeks after installation begins.

If you have any questions regarding these proposed modifications, please contact Natalie Locke at 217/424-7087 or me at 217/424-6833.

Sincerely,

ILLINOIS POWER COMPANY

*Thomas L. Davis for*

Brett J. Marshall  
Group Leader, Water

bc: J. V. Sipek, V-920  
M. A. Reandeau, V-920  
G. B. Statton, V-920  
R. L. Jones, V-920  
R. C. Maurer, T-31C  
J. M. Niswander, T-31C  
S. G. Massie, T-31C  
J. C. Traynor, T-31C  
D. C. Siebert, T-31B  
T. L. Davis/CPS NPDES Corr., A-17  
N. E. Locke, A-17