



Commonwealth Edison

One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690 - 0767

May 12, 1988

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Byron Station Units 1 and 2
NPDES Permit
NRC Docket Nos. 50-454 and 50-455

Gentlemen:

Commonwealth Edison is the holder of National Pollutant Discharge Elimination System (NPDES) Permit No. IL0048313 for Byron Station. A modification to the permit was issued April 14, 1988 by the Illinois Environmental Protection Agency. The permit has been modified to return the pH monitoring frequency of the sewage treatment plant effluent to twice per month.

This notification of a change to the NPDES Permit fulfills the reporting requirement specified in section 3.2 of Appendix B of Facility Operating Licenses NPF-37 and NPF-66. The modified permit is enclosed with this letter.

Please direct any questions regarding this matter to this office.

Very truly yours,

K. A. Ainger
Nuclear Licensing Administrator

CS

Enclosure

cc: Byron Resident Inspector
NRC Region III Office

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PDR ADOCK 05000454
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Commonwealth Edison Company
Byron Nuclear Power Station
NPDES Permit No. IL0048313
Modification of NPDES Permit (Without Public Notice)

April 14, 1988

Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690

Gentlemen:

The Illinois Environmental Protection Agency has examined the request for modification of the above-referenced NPDES Permit as stated in your letters of January 8 and January 11, 1988. Our final determination is to modify the Permit as follows:

Per your request of January 11, 1988 the frequency for monitoring the pH of Outfall 001(b) Sewage Treatment Plant, has been corrected by restoring the monitoring frequency to twice per month as in the reissued NPDES Permit for the subject facility dated April 28, 1986.

The Agency is unable to grant your request of January 8, 1988, to delete monitoring of Outfalls 001(e) and 002 Construction Runoff, because your request is inconsistent with applicable regulations and/or policy. Effluent limitations for Outfall 001(e) for pH, total suspended solids and iron were exceeded in 1987 and effluent limits for pH and oil and grease were exceeded in January 1988. The low pH of 2.96 in November 1987 and the oil and grease value of 52.5 mg/l in the effluent in January 1988 are not indicative of uncontaminated stormwater runoff. It is this Agency's opinion that monitoring of Outfalls 001(e) and 002 be continued at this time in light of the recently observed levels of contaminants.





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Enclosed is a copy of the modified permit. Because the changes made in the Permit were minor, no formal Public Notice of the modification will be issued.

Should you have questions or comments, please contact Gary Cima of my staff.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Thomas G. McSwiggin".

Thomas G. McSwiggin, P.E.
Manager, Permit Section
Division of Water Pollution Control

TGM:GC:dks/1008j, 3-4

Enclosure: Modified Permit

cc: USEPA 5WQP/With Enclosure
Region I/With Enclosure
Records Unit
Compliance Assurance Section/With Enclosure
Mr. Thomas E. Hemminger/With Enclosure