

SEP 13 1985

Docket No. 50-454
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Commonwealth Edison Company
ATTN: Mr. Cordell Reed
Vice President
Post Office Box 767
Chicago, IL 60690

Gentlemen:

Recent inspections of radiation protection activities at the Byron Nuclear Power Station identified numerous deficiencies which resulted in enforcement conferences on June 27 and July 22, 1985, between you and members of your staff and Mr. J. G. Keppler and members of his staff. Since those enforcement conferences, you have experienced several radioactive waste related events: two instances of radioactive resin sent to offsite, non-licensed facilities for processing, a potentially explosive mixture in your gaseous waste decay tank, and a radioactive liquid release at concentrations exceeding your technical specification limits.

Although these latter events are not currently expected to result in escalated enforcement action, they, in conjunction with your radiation protection program deficiencies, indicate to us that the quality of your radiological control program is below that expected of nuclear power plant licensees. We are concerned that you may not be devoting sufficient management attention and resources to your radiological controls program.

In order to assure ourselves that your radiological controls program is meeting acceptable standards, and to better define those aspects of your program in need of strengthening, we intend to implement augmented inspections of all aspects of your radiological controls program. We would likewise expect that you will significantly increase your management involvement in these programs in order to improve your performance.

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We will discuss our anticipated increased inspection activities with your site personnel in the near future. If you desire further information concerning this matter at this time, please contact Mr. L. Robert Greger, (312 790-5644) of my staff.

Sincerely,

Jack A. Hind
Jack A. Hind, Director
Division of Radiation Safety
and Safeguards

cc: D. L. Farrar, Director
of Nuclear Licensing
V. I. Schlosser, Project Manager
Gunner Sorensen, Site Project
Superintendent
R. E. Querio, Plant Manager
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A. B. Davis, Deputy Regional Administrator
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RIII

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