

November 5, 1998

Mr. Oliver D. Kingsley
President, Nuclear Generation Group
Commonwealth Edison Company
ATTN: Regulatory Services
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: NRC RADIATION PROTECTION INSPECTION REPORTS 50-454/98021(DRS);
50-455/98021(DRS)

Dear Mr. Kingsley:

On October 16, 1998, the NRC completed an inspection of the radiation protection program at your Byron Generating Station, Units 1 and 2. The results of this inspection were discussed on that date with Mr. Levis and other members of your staff. The enclosed report presents the results of that inspection.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress. Specifically, the inspection was a review of the as-low-as-is-reasonably-achievable (ALARA) planning and radiation work permit programs, and the whole body counting and screening programs. In addition several open items were reviewed and closed.

Based on the results of this inspection, no violations of NRC requirements were identified. The NRC has determined that the ALARA planning, radiation work permit, and the whole body counting and screening programs were effectively implemented. However, the inspectors observed poor housekeeping in the radioactive waste building and noted a large amount of processed waste stored there. This was discussed with your staff during the inspection and it is our understanding that actions are being implemented to improve the condition of the radioactive waste building. We will continue to monitor your efforts in this area.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room (PDR).

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We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Original Signed by Gary L. Shear

Gary L. Shear, Chief
Plant Support Branch 2

Docket Nos.: 50-454; 50-455
License Nos.: NPF-37; NPF-66

Enclosure: Inspection Reports 50-454/98021(DRS); 50-455/98021(DRS)

cc w/encl: D. Helwig, Senior Vice President
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C. Crane, BWR Vice President
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