

November 10, 1999

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 REPORT 50-456/99017(DRS);  
50-457/99017(DRS)

Dear Mr. Kingsley:

On October 13, 1999, the NRC completed an inspection at your Braidwood Nuclear Generating Plant. The purpose of the inspection was to review the plant's processing, storage, packaging, and transportation of radioactive waste. In addition, the inspection addressed external dosimetry used in support of the radiation protection department. The enclosed report presents the results of that inspection. No violations of NRC requirements were identified.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress.

We concluded that, in general, your solid radioactive waste management, transportation and external dosimetry programs were well-implemented. Processing and storage of radioactive wastes were carried out in accordance with NRC regulations and plant procedures. In addition, radioactive waste shipments reviewed during the inspection were properly classified, packaged, shipped, and documented. Finally, the external dosimetry portion of the radiation protection program was effective.

In accordance with 10 CFR 2.790 of the NRC's "Rules and Practice," a copy of this letter and its enclosure 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 James E. Foster For Gary L. Shear

Gary L. Shear, Chief  
Plant Support Branch

Docket Nos. 50-456; 50-457  
License Nos. NPF-72; NPF-77

Enclosure: Inspection Report 50-456/99017(DRS); 50-457/99017(DRS)

cc w/encl: D. Helwig, Senior Vice President, Nuclear Services  
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