

November 13, 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 ROUTINE RADIATION PROTECTION INSPECTION REPORTS
50-456/98015(DRS); 50-457/98015(DRS) AND NOTICE OF VIOLATION

Dear Mr. Kingsley:

On October 22, 1998, the NRC completed an inspection at your Braidwood Generating Station, Units 1 and 2. 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 focused on the radiological controls for Unit 1 outage activities and the steam generator replacement project, and included a review of the radiological environmental monitoring program.

The inspection determined that the overall radiological controls and the As-Low-As-Is-Reasonably-Achievable (ALARA) program were effectively implemented during the outage and the steam generator replacement project, and dose was maintained reasonably low. The radiological environmental monitoring program was also well implemented, with no discernable impact on the environment from plant operations. However, an isolated problem was identified with the control of radiographic operations and problems with worker practices were noted. Also, poor work group communications and lack of recognition of simultaneous evolutions led to fuel handling building cross town area contaminations.

Based on the results of the inspection, two violations of NRC requirements were identified, as specified in the enclosed Notice of Violation (Notice). The first violation involved the failure to ensure that all personnel had been instructed to leave an area prior to beginning radiography. Two workers were not notified to leave an area prior to the beginning of radiography. As a result, they were inside a posted radiological boundary during the performance of radiography and could have received unnecessary radiation exposures. The second violation involved the failure of workers to properly follow the dress requirements of the radiation work permit that governed the work activity. Specifically, workers in containment failed to wear the proper gloves as specified in the work permit, which could have resulted in contamination of the workers.

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The NRC has concluded that information regarding the reason for the violations, the corrective actions taken and planned to correct the violations and prevent recurrence, is already adequately addressed in the subject inspection report. Therefore, you are not required to respond to these violations unless the description of the problems as described in the inspection report does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

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

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

Sincerely,

Original Signed by Wayne J. Slawinski (for)

Gary L. Shear, Chief
Plant Support Branch 2

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

Enclosures: 1. Notice of Violation
2. Report Nos. 50-456/98015(DRS); 50-457/98015(DRS)

cc w/encls: D. Helwig, Senior Vice President
H. Stanley, PWR Vice President
C. Crane, BWR Vice President
R. Krich, Regulatory Services Manager
D. Greene, Licensing Director
DCD - Licensing
T. Tulon, Site Vice President
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