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December 9, 1997

Mr. L. W. Pearce
Site Vice President
Quad Cities Station
Commonwealth Edison Company
22710 206th Avenue North
Cordova, IL 61242

SUBJECT: NRC RADIATION PROTECTION INSPECTION REPORTS 50-254/97025(DRS);
50-265/97025(DRS)

Dear Mr. Pearce:

On November 7, 1997, the NRC completed an inspection of the radiation protection program at your Quad Cities Nuclear Power Station. The results of this inspection were discussed on that date with you and other members of your staff. The enclosed report presents the results of that inspection.

The purpose of the inspection was to review the implementation of the respiratory protection program, the 1997 station radiation dose, source term reduction efforts, and several previous inspection items. In addition the inspection included a review of doses received from performing the Unit 2 Class 1 Pressure Test at power.

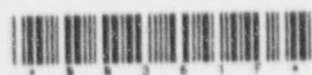
The respiratory protection and source term reduction programs were effectively implemented. The actual 1997 station radiation dose was well below the projected dose due to innovative scaffolding arrangements, reduced size of work crews, and the lack of significant emergent work during outages Q2R14 and Q2P01. Our review of several radiological protection open items indicated that effective corrective actions have been implemented. However, we noted that problems in the planning and conduct of the Class 1 Pressure Test resulted in unnecessary personnel exposure.

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 John M. Jacobson (for)

John A. Grobe, Director
Division of Reactor Safety

Docket Nos. 50-254; 50-265
License Nos. DPR 29; DPR 30

Enclosure: Inspection Reports 50-254/97025(DRS); 50-265/97025(DRS)

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