

DCV

June 26, 1997

Mr. John H. Mueller
Site Vice President
Zion Generating Station
Commonwealth Edison Company
101 Shiloh Boulevard
Zion, IL 60099

SUBJECT: NRC ROUTINE RADIATION PROTECTION INSPECTION REPORT NO.
50-295/97015(DRS); 50-304/97015(DRS)

Dear Mr. Mueller:

On June 6, 1997, the NRC completed an inspection at your Zion 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. The inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

Some improvement was identified in aspects of your radiological protection program. The radiation protection staff performed good assessments of radioactive material control and Unit 2 start-up readiness. Also, your staff took actions to identify radioactive material outside of the radiologically protected area and to prevent any additional radioactive material from being released. Improvements in radiation protection oversight of the Auxiliary Building resulted in some reduction of radiological impediments and improvement in access to plant equipment. The radiological planning for recovery of a piece of highly radioactive material from the reactor vessel flange area was good. However, we recognize that corrective actions to address previously identified radiation protection weaknesses have only recently been implemented, and we will continue to assess the results of these actions for long term, sustained improvement in your radiation protection performance.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosure will be placed in the NRC Public Document Room.

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

Sincerely,

/s/ Geoffrey E. Grant
Geoffrey E. Grant, Director
Division of Reactor Projects

Docket Nos. 50-295; 50-304

Enclosure: Inspection Report 50-295/304/97015(DRS)

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