

October 29, 1998

Mr. Walter G. MacFarland IV
Senior Vice President
Clinton Power Station
Illinois Power Company
Mail Code V-275
P. O. Box 678
Clinton, IL 61727

SUBJECT: NRC RADIATION PROTECTION AND CHEMISTRY INSPECTION REPORT
50-461/98024(DRS)

Dear Mr. MacFarland:

On October 1, 1998, the NRC completed an inspection at your Clinton Nuclear Power Station. The enclosed report presents the results of this inspection. No violations of NRC requirements were identified during this inspection.

This 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 of work in progress, and interviews with personnel. Specifically, the inspection focused on your staff's radiological planning and oversight of the emergency core cooling system suction strainer modification. The inspection also reviewed your staff's actions on previous inspection findings in the areas of radiation protection and chemistry.

We observed some improvement in your radiological planning and oversight of plant activities. Specifically, your staff performed a thorough evaluation of radiological conditions and controls associated with the modification of the emergency core cooling system suction strainers. During the evolution, we observed good teamwork and communications between the work organizations.

We also noted an improvement in the chemistry staff's adherence to sampling and quality control procedures. In certain cases, your staff also implemented necessary changes to programs and to procedures to address previously identified performance issues; we will assess the effectiveness of these changes as they are fully implemented. Although we recognize these accomplishments and the improvement in radiological protection performance discussed above, we will continue to critically monitor your performance to ensure that these improvement efforts were not isolated instances, that the improvements continue, and that the accomplishments result in sustained, improved performance in both radiation protection and chemistry.

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

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

Sincerely,

Original Signed by Marc L. Dapas

Marc L. Dapas, Deputy Director
Division of Reactor Projects

Docket No.: 50-461
License No.: NPF-62

Enclosure: Inspection Report 50-461/98024(DRS)

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and Performance Improvement
J. Sipek, Director - Licensing
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