

OCT 28 1985

Docket No. 50-461

Illinois Power Company
ATTN: Mr. W. C. Gerstner
Executive Vice President
500 South 27th Street
Decatur, IL 62525

Gentlemen:

This refers to the routine safety inspection conducted by Mr. Joseph M. Ulie of this office on September 9 through October 19, 1985, of activities at Clinton Nuclear Power Plant authorized by NRC Construction Permit No. CPPR-137 and to the discussion of our findings with Mr. D. Hall at the conclusion of the on-site inspection. Additional documentation review was conducted in the Region III office during the period September 16 through October 19, 1985.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

During our inspection we determined that most of the major features of the fire protection program were not complete at the time of the inspection visit including (1) certain sprinkler systems had yet to be installed, (2) not all fire detection systems were installed and other existing detection systems were being replaced, (3) the majority of fire doors and penetration seals were not installed, (4) inadequate separation criteria and lack of automatic sprinkler protection was provided in the Control Room peripheral rooms, (5) fire hydrant spacing exceeds that allowed in NRC guidelines, (6) there was a lack of cable tray sprinkler protection, and (7) the majority of the fire protection features had yet to be pre-operationally tested. All the items mentioned above have to be satisfactorily resolved prior to issuance of a license to load fuel.

During this inspection, certain of your activities appeared to be in non-compliance with NRC requirements, as specified in the enclosed Appendix. A written response is required. As mentioned in the inspection report, in addition to the specific deficiencies identified in the Notice of Violation which are of concern, of equal importance to the NRC is your control in ensuring proper installation and maintaining of the fire protection features at the Clinton site.

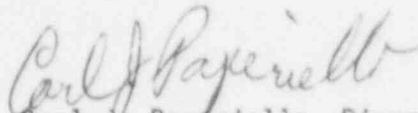
OCT 23 1985

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

The responses directed by this letter (and the accompanying Notice) are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

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

Sincerely,



Carl J. Paperiello, Director
Division of Reactor Safety

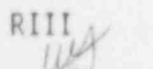
Enclosures:

1. Appendix, Notice
of Violation
2. Inspection Report
No. 50-461/85047(DRS)

cc w/enclosures:

DCS/RSB (RIDS)
Licensing Fee Management Branch
Resident Inspector, RIII
Richard Hubbard
Gary N. Wright, Manager
Nuclear Facility Safety
Jean Foy, Prairie Alliance
Mark Jason, Assistant
Attorney General,
Environmental Control Division
H. S. Taylor, Quality Assurance
Division


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Ulie/rr
10/22/85

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Guldemon
10/22/85

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RFW for
Gwynn
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RIII

Reyes
10/23

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Weil
10/22/85

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Paperiello
10/23