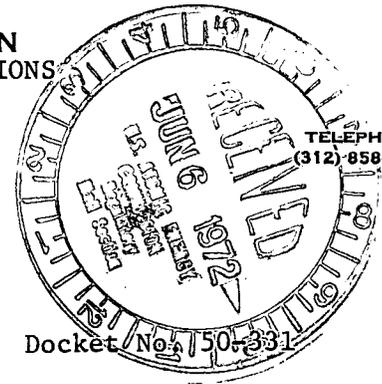


UNITED STATES  
**ATOMIC ENERGY COMMISSION**  
 DIRECTORATE OF REGULATORY OPERATIONS  
 REGION III  
 799 ROOSEVELT ROAD  
 GLEN ELLYN, ILLINOIS 60137

TELEPHONE  
 (312) 858-2660

June 1, 1972



Iowa Electric Light and Power Company  
 ATTN: Mr. Charles W. Sandford  
 Vice President, Engineering  
 Security Building  
 P. O. Box 351  
 Cedar Rapids, Iowa 52405

Gentlemen:

This refers to the inspection conducted by Messrs. Vetter, Boyd, Hayes, and Sutton of this office on May 10 - 12, 1972, of activities at the Duane Arnold site authorized by AEC Construction Permit No. CPPR-70 and to the discussion of our findings at the conclusion of the inspection with Messrs. Root, Wallace, Ward, and Cook of your staff.

Areas examined during the inspection included installation and protection of the reactor coolant recirculation piping, the availability of quality documentation for Class I components and equipment manufactured by the General Electric Company, receiving inspection activities and procedures, nonconformance and design change documentation practices, 10 CFR Part 50.55 reporting requirements, in-plant storage of equipment and components lacking the required quality documentation, electrical equipment and cable installation, and quality records and storage provisions relative to the reactor pressure vessel internals. Other areas examined during the inspection included plans for station staffing and the status of programs for operator training and preoperational testing. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with plant personnel, and observations by the inspectors.

The inspectors also examined actions you have taken with respect to the item identified in your letter of May 5, 1972, relating to matters previously brought to your attention. With respect to this matter, it appeared during this inspection that the corrective action identified in your May 5 letter had not been sufficiently implemented. However, in view of additional corrective action accomplished prior to the conclusion of this inspection and the issuance of further instructions to assure adequate resolution of this matter, we have no further questions at this time. We will examine this matter further during our next routine inspection.

June 1, 1972

During this inspection, it was found that one of your activities appears to be in noncompliance with 10 CFR Part 50, Appendix B. The item and reference to the pertinent requirements are listed in the enclosure to this letter. Please provide us within 30 days, in writing, with your comments concerning this item, any steps which have been or will be taken to correct it, any steps that have been or will be taken to prevent recurrence, and the date all corrective action or preventive measures were or will be completed. Your reply should emphasize, in particular, any appropriate changes that have been or will be made to improve the effectiveness of your quality assurance program to prevent recurrence.

With regard to questions raised during this inspection, we understand that you intend to: (1) review the circumstances associated with premature installation of control room control panels, as well as inadequate receiving inspection, and take appropriate corrective action, and (2) re-evaluate current practices concerned with in-plant storage of equipment and components lacking required quality documentation, and take steps as necessary to assure proper control of this activity. Our inspectors will examine your action on these matters during our next routine inspection.

Should you have questions concerning this inspection, we will be glad to discuss them with you.

Sincerely yours,

Boyce H. Grier  
Regional Director

Enclosure:

Description of Noncompliance Item

cc: L. D. Root, Asst. Project Mgr.  
J. A. Wallace, General Production Mgr.  
G. A. Cook, Quality Assurance Mgr.  
J. N. Ward, Nuclear Group Leader

bcc: J. G. Keppler, RO  
J. B. Henderson, RO  
H. D. Thornburg, RO  
R. H. Engelken, RO  
A. Giambusso, L  
RO Files  
DR Central Files  
PDR  
NSIC  
DTIE

ENCLOSURE

Iowa Electric Light and Power Company  
Docket No. 50-331

One of your activities appears to be in noncompliance with 10 CFR Part 50, Appendix B, as identified below:

Part 50, Appendix B, Criterion XV, states, in part, that: "Measures shall be established to control materials, parts, or components which do not conform to requirements in order to prevent their inadvertent use or installation." Part 50, Appendix B, Criterion VII, states, in part, that: "Measures shall be established to assure that purchased material, equipment, and services, whether purchased directly or through contractors and subcontractors, conform to the procurement documents."

Contrary to the above, control room panels 1C06, 1C07, 1C08, and 1C31 were being installed even though quality deficiencies identified during the receipt inspection had not been fully corrected. Moreover, installation of the subject panels was contrary to written instructions, contained in a letter issued by Iowa Electric Light and Power Company to Bechtel Corporation Engineering, regarding resolution of the quality deficiencies.

Of further concern is the fact that subsequent to the receiving inspection and installation of the subject panels, two relays and eleven switches were found to be in nonconformance with seismic requirements.