

MAR 8 1973

Jersey Central Power and Light Company
Attention: Mr. R. H. Sims
Vice President
Madison Avenue at Punch Bowl Road
Morristown, New Jersey 07960

Bucket No. 50-219

Gentlemen:

This refers to the inspection conducted by Mr. Cantrell of this office on November 9 and 10, 12 and 13, 17, 20, and December 7 and 8, 1972 of activities authorized by AEC License No. DPR-16 and to the discussions of our findings held by Mr. Cantrell with Messrs. McCluskey, Riggle, Sullivan and Reeves at the conclusion of the inspection, and to subsequent telephone discussions between Mr. McCluskey and Mr. Cantrell on December 12, 13, 19, 20, 1972 and January 26 and 30, 1973.

Areas examined during this inspection included: administrative controls; operation during the period July 15 through December 8, 1972; surveillance testing: the radwaste operating foreman's log for the period October 3 to November 17, 1972; the radwaste log for the period November 10 - 17, 1972; radiation survey records for the period November 1 - 17, 1972; the report by the General Office Review Board Committee that investigated the twelve exposures in excess of three rem/quarter during the second quarter of 1972, and the controls instituted to prevent recurrence; facility procedures; the schedule for regenerating condensate and clean-up demineralizers; the controls instituted to assure the correct sequence of control rod withdrawal when the rod worth minimizer is inoperable; flaking observed on irradiated fuel channels; specifications for the torus - drywell isolation valves; malfunction experience with remote operated valves in safeguard systems; organization changes reported in your letter to the Directorate of Licensing dated November 10, 1972; the circumstance relating to abnormal occurrences (AO) discussed in your reports to the Directorate of Licensing dated August 11 (two AO's), 22, 28, September 28 (two AO's), October 6, November 22, and December 7 and 19, 1972; the circumstances relating to a defective control rod drive selector switch on August 15, 1972, and the inoperable manual close switch for main steam isolation valve NS04B on December 3, 1972. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

B/303

OFFICE ▶	GRESS:I				
SURNAME ▶	Cantrell:iss	Caphton	Carlson	O'Reilly	
DATE ▶	3/2/73				

Form AEC-318 (Rev. 9-53) AECM 0240

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During this inspection, it was found that certain of your activities appeared to be in violation of AEC requirements. The items and references to the pertinent requirements are listed in the enclosure to this letter. This letter constitutes a notice sent to you pursuant to the provisions of Section 2.201 Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office within 20 days of your receipt of this notice, a written statement of explanation in reply, including: (1) corrective steps which have been or will be taken by you, and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. We note that the above information was supplied in your letters to the Directorate of Licensing reporting Item Nos. 3, 5 and 6; therefore no additional information is required relative to these three items in your response to this letter.

With respect to the program you have instituted to control personnel exposures as a result of the investigation of the exposure of twelve men in excess of three rem during the April - June 1972 quarter, we have no further question; however, your reports of these exposures dated August 10 and September 14, 1972 to the Director of the Directorate of Regulatory Operations did not meet the reporting requirements of 10 CFR 20. The specific deficiencies were identified in a separate letter to you from the Director of the Directorate of Regulatory Operations; therefore, your reply to the specific deficiencies should be to the Director of the Directorate of Regulatory Operations.

In your letter dated August 28, 1972 to the Directorate of Licensing reporting a violation of the total activity limit in the outside radwaste tanks, you specifically stated for corrective action that the concentrated waste tank alarm will be set no higher than 95% to insure that the tank high level alarm is operable. It is our understanding, based on the reference discussions, that you will conduct a special study of the function of each individual tank in the radwaste system to see if 95% should be the maximum allowable high level alarm set point on all tanks in the radwaste system and implement this as a requirement as appropriate. We will review this matter during a future inspection.

In addition, it is our understanding, based on the above discussion, that when the rod worth minimizer is inoperable, the additional control room operator that is assigned to verify the correct sequence of control rod

withdrawal will use and fill out a separate check list. It is also our understanding that you will make a copy of your procedure for transferring irradiated fuel channel samples to a shipping cask available to this office for review prior to transferring these samples to the shipping cask.

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

Sincerely,

James P. O'Reilly
Director

Enclosure:
Description of Violations

cc: Mr. T. J. McCluskey, Station Superintendent

bcc: RO Chief, Reactor Test and Operations Branch, HQ
RO:HQ (4)
Directorate of Licensing, HQ (4)
DR Central Files
PDR
Local PDR
NSIC
DTIE
State of New Jersey