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bcc:  
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T. Abernathy, TIC  
ACRS (16)

Docket No: 50-363

JAN 29 1979

Mr. Ivan R. Finfrock, Jr.  
Vice President  
Jersey Central Power & Light Company  
Madison Avenue at Punch Bowl Road  
Morristown, New Jersey 07960

Dear Mr. Finfrock:

SUBJECT: FORKED RIVER NUCLEAR GENERATING STATION 10 CFR  
PART 50 APPENDIX I SAFETY EVALUATION

Enclosed is the safety evaluation for the Forked River Nuclear Generating Station with respect to 10 CFR Part 50 Appendix I. This report provides our evaluation of the liquid and gaseous radwaste treatment systems for the Forked River Nuclear Generating Station. The evaluation is based on the information provided in your submittals of June 4, 1976, August 13, 1976 and March 27, 1978. The report includes the results of our dose assessment and the cost benefit analysis. Based on our evaluation, we have concluded that the radioactive waste treatment systems provided at Forked River are capable of maintaining releases of radioactive materials in effluents to as low as is reasonably achievable levels in conformance to the requirements of Section II.A, II.B, II.C and II.D of Appendix I of 10 CFR Part 50.

During the operating license review, we will do a confirmatory evaluation of the liquid and gaseous radwaste treatment systems to verify that the bases for our conclusions have not changed.

If you have any questions or comments on the enclosed report please contact us.

Sincerely,

Original signed by  
D. B. Vassallo

D. B. Vassallo, Assistant Director  
for Light Water Reactors  
Division of Project Management

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|---------|---------------------------------|-------------|------------|------------|--|
| OFFICE  | Enclosure:<br>Safety Evaluation | DPM:LWR #4  | DPM:LWR #4 | DPM:LWR/AD |  |
| SURNAME |                                 | RNaventi:   | SVarga     | DVassallo  |  |
| DATE    | See next page                   | 1/28/79 tlb | 1/28/79    | 1/24/79    |  |

JAN 29 1970

Jersey Central Power & Light Company - -

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