

MAR 12 1975

Docket Nos.: 50-269 ✓
50-270
and 50-287

Duke Power Company
ATTN: A. C. Thies
Senior Vice President
Production and Transmission
422 South Church Street
Charlotte, North Carolina 28201

POOR ORIGINAL

Gentlemen:

Thank you for your letter of March 3, 1975, in response to our letter requesting technical details and status regarding the permanent Radwaste System.

We understand that you have conducted an evaluation of the Oconee Nuclear Station Radwaste Systems performance. To assist us to also evaluate your radwaste system performance and the potential impact on the environment of the effluent releases in accordance with 10 CFR Part 50.36a, it requested that copies of these data obtained for the Oconee radwaste systems including waste volumes, waste sources and radwaste systems performance be provided to us. This information should be in addition to that reported in the Oconee Radiochemistry Survey Program Semiannual Report, July to December 1973, LRC-9041, May 1974. This information would be helpful in our determination of whether the operational difficulties experienced at the Oconee Station were unique to the station or are generic to the design. These data are also needed to evaluate the final modifications to the radwaste systems to ensure that the modified systems will provide a control of effluents in accordance with General Design Criterion 60 of Appendix A to 10 CFR Part 50 and will conform to the "as low as practicable" guidelines.

The design and construction of the radioactive waste management systems should be designed, constructed, installed and maintained on a level commensurate to protect the health and safety of the public and plant operating personnel. The failure to the gaseous radwaste system should not result in a potential of doses exceeding the limits of 10 CFR Part 100. Also, the failure of any component of the liquid radwaste system should not adversely affect any potable water supplies, i.e., the concentrations should not exceed the limits in 10 CFR Part 20, Appendix B, Table II, Column 2.

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Should you have any questions, please contact Mr. Mark Au, P.E.,
Environmental Project Manager, telephone number: (301) 443-6970.

Sincerely,

Original Signed by
Fred J. Clark, Jr.

Gordon Dicker, Chief
Environmental Projects Branch #2
Division of Reactor Licensing

cc: Mr. William L. Porter
Duke Power Company
P.O. Box 2178
442 South Church Street
Charlotte, North Carolina 28201

Mr. Troy B. Conner
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