



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

NRC PUBLIC DOCUMENT **REC-17** May 10, 1979



Sheldon J. Wolfe, Esq., Chairman
Atomic Safety and Licensing Board
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dr. Harry Foreman, Director
Box 395, Mayo
University of Minnesota
Minneapolis, Minnesota 55455

Dr. Walter H. Jordan
51 West Outer Drive
Oak Ridge, Tennessee 37830

In the Matter of Louisiana Power and Light Company
Waterford Steam Electric Station, Unit 3
Docket No. 50-382

Gentlemen:

Pursuant to your request at the April 26, 1979 special prehearing conference (Tr. 31), enclosed please find copies of the March 2, 1979 letter from D. G. Eisenhut, Deputy Director, Division of Operating Reactors to Mr. D. L. Aswell, Vice President, Power Production, Louisiana Power and Light Company as well as copies of the report, "Summary of Operating Experience with Recirculating Steam Generators," NUREG-0523.

Sincerely,

Joseph R. Gray for
Henry J. McGurren

Counsel for NRC Staff

Enclosure: As stated

cc w/encls: E. Blake, Esq.
Mr. Stephen M. Irving
Mr. Lyman L. Jones, Jr.
Mr. Luke Fontana
Mr. M. Stevenson
Docketing and Service Section

292 098

cc w/cy of ltr. only: Rest of Service List

7907050 476 A



NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

MAR 2 1979

Docket No. 50-382

Mr. D. L. Aswell
Vice President, Power Production
Louisiana Power & Light Company
142 Delaronde Street
New Orleans, Louisiana 70174

Gentlemen:

This letter is being sent to all licensees authorized to operate or construct a pressurized water power reactor and to all applicants for a license to operate or construct a pressurized water power reactor.

Operating problems have occurred in Pressurized Water Reactor (PWR) steam generators. The enclosed report, "Summary of Operating Experience with Recirculating Steam Generators," NUREG 0523, focuses on the problems associated with steam generators of the recirculation type, i.e., those manufactured by Combustion Engineering and Westinghouse. The report discusses the NRC staff's evaluation of these problems and the programs for resolving these problems.

The NRC has recently identified steam generator degradation as an Unresolved Safety Issue deserving the highest priority for resolution. However, for the reasons identified in the report, the NRC staff has concluded that continued operation of existing plants and licensing of new plants with recirculation type steam generators, pending completion of our review, does not constitute an undue risk to the health and safety of the public and therefore may continue.

It should be noted that a number of research efforts are currently underway which will improve our knowledge of steam generator degradation mechanisms. The information presented in the report represents our current understanding of each issue. Comments on this report and information

292 099

DUPLICATE DOCUMENT

Entire document previously entered
into system under:

ANO 7903270605

No. of pages: 2

PUBLIC DOCUMENT BOARD



NUREG-0523

SUMMARY OF OPERATING EXPERIENCE WITH RECIRCULATING STEAM GENERATORS

D. G. Eisenhut
B. D. Liaw
J. Strosnider



Office of Nuclear Reactor Regulation
U. S. Nuclear Regulation

292 100

DUPLICATE DOCUMENT

Entire document previously entered
into system under:

ANO 7903130077

No. of pages: 87