



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

NRC PDR

MAR 2 1979

Docket No. STN 50-482

Mr. Glenn L. Koester  
Vice President - Operations  
Kansas Gas & Electric Company  
201 North Market Street  
Wichita, Kansas 67201

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.

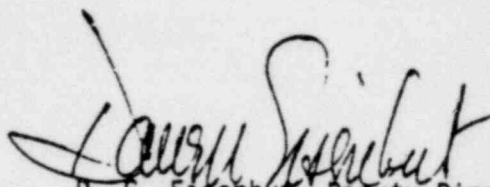
The NRC has recently identified steam generator degradation as an Unresolved Safety Issue deserving the highest priority for resolution. However, for the reasons identified in the report, the NRC staff has concluded that continued operation of existing plants and licensing of new plants with recirculation 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 under way 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

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related to steam generator degradation mechanisms are encouraged and should be forwarded to Dr. Boen-Dar Liaw, Engineering Branch, Division of Operating Reactors, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555.



D. G. Eisenhut, Deputy Director  
Division of Operating Reactors

Enclosure:  
Summary of Operating Experience  
with Recirculating Steam  
Generators, January 1979,  
NUREG 0523

Mr. Glenn L. Koester

cc: Mr. Nicholas A. Petrick  
Executive Director, SNUPPS  
5 Choke Cherry Road  
Rockville, Maryland 20850

Gerald Charnoif, Esq.  
Shaw, Pittman, Potts,  
Trowbridge & Madden  
1800 M Street, N. W.  
Washington, D. C. 20036

Mr. Donald T. McPhee  
Vice President  
Kansas City Power & Light Compan  
1330 Baltimore Avenue  
Kansas City, Missouri 64141

James T. Wiglesworth, Esq.  
9800 Metcalf  
Suite 400  
General Square Center  
Overland Park, Kansas 66212

Mr. William H. Griffin, Esq.  
Assistant Attorney General  
State of Kansas  
State House  
Topeka, Kansas 66612

Mr. John M. Wylie II  
Energy Reporter  
Kansas City Star  
1729 Grand  
Kansas City, Missouri 64108

John Halzer, Esq.  
Law Offices of Ralph Foster  
Kansas Gas & Electric Company  
P. O. Box 208  
Wichita, Kansas 67201

William H. Ward, Esq.  
MACEA  
5130 Mission Road  
Shawnee Mission, Kansas 66205

Alan S. Rosenthal, Esq., Chairman  
Atomic Safety and Licensing Appeal Board  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Michael C. Farrar, Esq.  
Atomic Safety and Licensing Appeal Board  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. John H. Buck  
Atomic Safety and Licensing Appeal Board  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Ms. Treva Laska, Assistant General Council  
Public Service Commission  
P. O. Box 360  
Jefferson City, Missouri 65102