

Jua



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

AUG 15 1980

Docket No.: 50-482

Kansas Gas & Electric Company
ATTN: Mr. Glen L. Koester
Vice President - Operations
Post Office Box 208
Wichita, Kansas 67201

Dear Mr. Koester:

SUBJECT: INTERIM ACTIONS NEEDED FOR PLANT OPERATION PENDING FINAL RESOLUTION
OF ANTICIPATED TRANSIENTS WITH FAILURE TO SCRAM (ATWS) (WESTINGHOUSE PWR)

In December 1978 the Nuclear Regulatory Commission (NRC) staff issued Volume 3 of NUREG-0460 which describes the proposed type of plant modifications the staff believes are necessary to reduce the risk from anticipated transients with failure to scram (ATWS) to an acceptable level. The NRC's Regulatory Requirements Review Committee completed its review in January 1979, and concurred with the staff's approach described in Volume 3 of NUREG-0460, insofar as it applies to your plant. The staff has issued requests for the industry to supply generic analyses to confirm the ATWS mitigation capability described in Volume 3 of NUREG-0460. Subsequently, the staff plans to present its recommendations for rulemaking on ATWS to the Commission. The Commission would, by rulemaking, determine the required modifications to resolve ATWS concerns and the required schedule for the implementation of such modifications. Your plant would, of course, be subject to the Commission's decision in this matter.

Based on considerations described in pages 42 through 45, Volume 3 of NUREG-0460, the staff generally concluded that plants with operating licenses can continue to operate without undue risk to the health and safety of the public during the estimated 2 to 5 year period needed to implement the necessary modifications.

However, the staff believes the following steps should be taken as a prudent course prior to the issuance of an operating license in order to further reduce the risk from ATWS events during the interim period before the required plant modifications as determined by the Commission are completed.

1. An emergency operating procedure should be developed for an ATWS event, including consideration of scram indicators, rod position indicators, flux monitors, pressurizer level and pressure indicators, pressurizer relief valve and safety valve position indicators, coolant average temperature, containment temperature and pressure indicators, steam generator level, pressure and flow indicators, and any other alarms

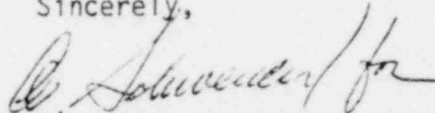
8009030685

annunciated in the control room including alarms not processed through the electrical portion of the reactor scram system. The emergency operating procedure should be sufficiently simplified and unambiguous to permit prompt ATWS recognition.

2. The emergency operating procedure should describe actions to be taken in the event of an ATWS including consideration of manually scrambling the reactor by using the manual scram buttons, prompt actuation of the auxiliary feedwater system to assure delivery of the full capacity of this system, and initiation of turbine trip. These actions must be taken immediately following the occurrence of the event. Actions should also include prompt initiation of boration by actuation of the high pressure safety injection system to bring the plant to a safe shutdown condition.

We require that you submit your ATWS emergency operating procedure. Our review may include a visit to your plant to determine the feasibility of implementing your proposed procedures through operator simulation of the steps. Our evaluation must conclude that an acceptable procedure and operator training are completed prior to the issuance of a full power operating license.

Sincerely,



Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

cc: See next page

Mr. Glenn L. Koester
Vice President - Operations
Kansas Gas and Electric Company
201 North Market Street
P. O. Box 208
Wichita, Kansas 67201

cc: Mr. Nicholas A. Petrick
Executive Director, SNUPPS
5 Choke Cherry Road
Rockville, Maryland 20750

Mr. Jay Silberg, Esquire
Shaw, Pittman, Potts & Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Mr. Donald T. McPhee
Vice President - Production
Kansas City Power and Light Company
1330 Baltimore Avenue
P. O. Box 679
Kansas City, Missouri 64101

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

Mr. Gary Haden
Wichita Eagle and Beacon
Box A-20
Wichita, Kansas 67201

Ralph Foster, Esq.
Kansas Gas & Electric Company
P. O. Box 208
Wichita, Kansas 67201

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

Ms. Treva Hearne, Assistant General Counsel
Public Service Commission
P. O. Box 360
Jefferson City, Missouri