

February 25, 1988

Docket No. 50-482

Mr. Bart D. Withers
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, Kansas 66839

Dear Mr. Withers:

SUBJECT: MAIN STEAM LINE BREAK (MSLB) OUTSIDE CONTAINMENT
WITH SUPERHEATED STEAM RELEASE (TAC NO. 61224)

By letter dated April 4, 1986, Wolf Creek Nuclear Operating Corporation (WCNOC, previously Kansas Gas and Electric Company) submitted an analyses entitled "Evaluation of Environmental Qualification of Equipment Considering Superheat Effects of High Energy Line Breaks for Callaway Plant and Wolf Creek Generating Station." This report responded to the NRC staff's concerns described in IE Notice 84-90. Additional information was requested by the staff and was provided by WCNOC in letters dated April 1, 1987, October 2, 1987 and February 12, 1988.

The NRC staff, with technical assistance from Battelle Pacific Northwest Laboratory, has completed its review of your submittals. Based upon the staff's review we conclude that you have demonstrated that proper environmental qualification of safety-related equipment outside of containment has been demonstrated. The staff's related Safety Evaluation is enclosed.

Sincerely,

/s/

Paul W. O'Connor, Project Manager
Project Directorate - IV
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc w/enclosure:
See next page

DISTRIBUTION

Docket File
DR4A/J. Collins
OGC-Bethesda
PD4 Plant File

NRC PDR
J. Calvo
E. Jordan

Local PDR
P. Noonan
J. Partlow

PD4 Reading
P. O'Connor
ACRS (10)

PD4/LA *ppm*
PNoonan
02/24/88

PD4/PM *PWOC*
PO'Connor:sr
02/24/88

PD4/D *MC*
JCalvo
02/25/88

8803040207 880225
PDR ADOCK 05000482
PDR
Q

Mr. Bart D. Withers
Wolf Creek Nuclear Operating Corporation

Wolf Creek Generating Station
Unit No. 1

cc:

Jay Silberg, Esq.
Shaw, Pittman, Potts & Trowbridge
1800 M Street, NW
Washington, D.C. 20036

Chris R. Rogers, P.F.
Manager, Electric Department
Public Service Commission
P. O. Box 360
Jefferson City, Missouri 65102

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Senior Resident Inspector/Wolf Creek
c/o U. S. Nuclear Regulatory Commission
P. O. Box 311
Burlington, Kansas 66839

Mr. Robert Elliot, Chief Engineer
Utilities Division
Kansas Corporation Commission
4th Floor - State Office Building
Topeka, Kansas 66612-1571

Mr. Gerald Allen
Public Health Physicist
Bureau of Air Quality & Radiation
Control
Division of Environment
Kansas Department of Health
and Environment
Forbes Field Building 321
Topeka, Kansas 66620

Mr. Gary Boyer, Plant Manager
Wolf Creek Nuclear Operating Corp.
P. O. Box 411
Burlington, Kansas 66839

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
Office of Executive Director
for Operations
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Mr. Otto Maynard, Manager Licensing
Wolf Creek Nuclear Operating Corp.
P. O. Box 411
Burlington, Kansas 66839