



TIC

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 1000
ARLINGTON, TEXAS 76012

October 17, 1979

In Reply Refer To:

RIV

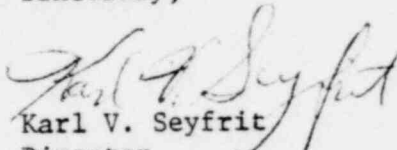
Docket No. STN 50-482/IE Bulletin No. 79-13 (Rev. 2)

Kansas Gas & Electric Co.
Attn: Mr. Glenn L. Koester
Vice President-Operations
Post Office Box 208
Wichita, Kansas 67201

Gentlemen:

The enclosed IE Bulletin 79-13, Revision 2 is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,


Karl V. Seyfrit
Director

Enclosures:

1. IE Bulletin No. 79-13,
Revision 2
2. List of IE Bulletins
Issued in the Last
Six Months

cc: w/enclosures

Messrs. Nicholas A. Petrick, SNUPPS
D. T. McPhee, Kansas City Power and Light Company
Gerald Charnoff, Shaw, Pittman, Potts & Trowbridge
E. W. Creel, Kansas Gas and Electric Company

1248 246

7910310422;

SSINS: 6830
Accession No.:
7908220135

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

IE Bulletin No. 79-13
Revision 2
October 16, 1979
Page 1 of 5

CRACKING IN FEEDWATER SYSTEM PIPING

Description of Circumstances:

This revision to IE Bulletin No. 79-13 is based on the results of the radiographic examinations and ongoing investigation of the subject problem to date since the initial Bulletin was issued. The revision reduces in scope the number and extent of the piping system welds required to be examined. The requirements for reporting and action time frame remain unchanged.

On May 20, 1979, Indiana and Michigan Power Company notified the NRC of cracking in two feedwater lines at their D. C. Cook Unit 2 facility. The cracking was discovered following a shutdown on May 19 to investigate leakage inside containment. Leaking circumferential cracks were identified in the 16-inch feedwater elbows adjacent to two steam generator nozzle elbow welds. Subsequent radiographic examination revealed crack indications in all eight steam generator feedwater lines at this location on both Units 1 and 2.

On May 25, 1979, a letter was sent to all PWR licensees by the Office of Nuclear Reactor Regulation which informed licensees of the D. C. Cook failures and requested specific information on feedwater system design, fabrication, inspection and operating histories. To further explore the generic nature of the cracking problem, the Office of Inspection and Enforcement requested licensees of PWR plants in current outages to immediately conduct volumetric examination of certain feedwater piping welds.

As a result of these actions, several other licensees with Westinghouse steam generators reported crack indications. Southern California Edison reported on June 5, 1979, that radiographic examination revealed indications of cracking in feedwater nozzle-to-pipe welds on two of three steam generators of San Onofre Unit 1. On June 15, 1979, Carolina Power and Light reported that radiography showed crack indications in similar locations at their H. B. Robinson Unit 2. Duquesne Power and Light confirmed on June 18, 1979, that radiography has shown cracking in their nozzle-to-vessel nozzle weld. Public Service E

NOTE: R1 and R2 indicates lines revised

DUPLICATE DOCUMENT

Entire document previously
entered into system under:

ANO

7908220135

No. of pages: _____

1248 247

R2