



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA ST., N.W., SUITE 3100
ATLANTA, GEORGIA 30303

QERA

JUN 26 1979


In Reply Refer To:
RII:JPO
50-321, 50-366
50-424, 50-425

Georgia Power Company
Attn: J. H. Miller, Jr.
Executive Vice President
270 Peachtree Street, N. W.
Atlanta, Georgia 30303

Gentlemen:

This Circular is provided as an early notification of a possibly significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If further NRC evaluations so indicate, an IE Bulletin will be issued to recommend or request specific licensee actions. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

Sincerely,


James P. O'Reilly
Director

Enclosures:

1. IE Circular No. 79-10
2. List of IE Circulars
Issued in Last 12
Months

425 238

7908070 172

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Georgia Power Company

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

June 26, 1979

IE Circular No. 79-10
(7906200171)

PIPEFITTINGS MANUFACTURED FROM UNACCEPTABLE MATERIAL

Description of Circumstances:

Liberty Equipment and Supply Company of Kennewick, Washington and Tube Turns Division, Chemetron Corporation of Louisville, Kentucky reported on April 4 and 12, 1979, respectively, that potentially defective pipe fittings were manufactured from material with a high carbon content beyond the range allowed by ASTM A-234 WPB. These high carbon content fittings may crack when welded.

Tube Turns received 3.500 OD x .250W pipe from U. S. Steel - Lorain - identified as U. S. Steel Heat No. N570028. A total of 28,153 feet was received and identified by Tube Turns as Lot W6719. U. S. Steel has not been able to determine the exact number of lengths of pipe of incorrect chemistry, but indicated it could be at least four lengths. From this pipe, 4" - 90 degrees and 45 degrees - .237 wall elbows and 2" - .237 wall straight tees, ASTM A-234 WPB, are produced by Tube Turns. Each length of pipe is twenty feet and makes from 20 to 30 fittings. Approximately 27,000 fittings were produced and each is identified by Tube Turns Lot No. W6719. Shipment of these fittings started in March of 1978, and it is estimated all were shipped before the end of 1978.

On May 10, 1979, the Tube Turns Division reported to the NRC that 4" elbows, Lot W6719, have been provided to the nuclear power plants listed below. U.S. Steel has tested about one hundred and fifty (150) loose and installed fittings at the seven sites noted by an asterisk.

*Grand Gulf
*Brown's Ferry
Shoreham
*Brunswick

*Zimmer
Midland
*LaSalle
Hartsville

*Phipps Bend
Limerick
Sequoyan
Bellefonte

*Waterford III

On June 1, 1979, the Tube Turns Division reported to the NRC via telephone that of the 160 fittings tested at Nuclear Power Plants, three (3) pieces were found to have a high carbon content and were replaced.

All construction permit holders are pipefitting receiving documents for and determine if fittings manufactured identified as Tube Turn Lot W6719 were received, appropriate correct

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DUPLICATE DOCUMENT

Entire document previously entered into system under:

ANO 7906200171

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