



## Connex Pipe Systems

Connex Pipe Systems, Inc.  
1115 Gilman Street  
Marietta, OH 45750  
614-373-7541

(Connex)

April 5, 1991

US Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

ATTENTION: James G. Keppler  
Director, Region III  
Office of Inspection and Enforcement

Dear Mr. Keppler:

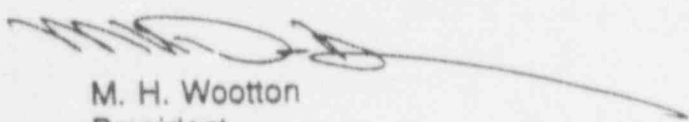
On March 26, 1991, Connex Pipe Systems, Inc. discovered that we had furnished to Tennessee Valley Authority (TVA), Browns Ferry Nuclear Plant, twelve (12 each) 1-1/2" - 3000# Socket Weld Unions, ASTM B247 Alloy 6061-T6 on their order number 90NJS-82557C and three (3 each) 3" - 150# Pipe Flanges, ASTM B62 Cast Brass on their order 91NJA-82667C which fail to comply with their purchase order requirements.

Their Purchase Order required the material to be supplied following an ANSI N45.2 Quality Program. The material was actually supplied following a commercial program. Connex cannot verify the quality of the items; therefore, our Manager of Quality Assurance is working with Mr. Robert Bradley of TVA to have all of the material on these orders returned to Connex. We hope to have the material returned by April 5, 1991.

Please contact us, should additional information be required.

Sincerely,

CONNEX PIPE SYSTEMS, INC.



M. H. Wootton  
President

attachments

MHW:cak

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## *SIGNIFICANT HAZARD EVALUATION FOR E5004 - QA-1*

*CONNEX JOB NUMBER:* E5004

*NCR:* E5004 - QA-1

*PLANT:* BROWN'S FERRY NUCLEAR PLANT UNIT #2

*ITEM DESCRIPTION:* 12 EA. 1-1/2" - 3000# SOCKET WELD UNION, PER  
ASTM B247 ALLOY 6061-T6

*TVA PURCHASE ORDER #:* 90NJS-82557C

### *PRELIMINARY EVALUATION BY TVA:*

Twelve of the unions have been accepted by TVA's receipt inspection. Two (2) unions are installed in the Residual Heat Removal Service Water Piping. This is considered a Critical Structure and is safety related. If failure occurred, such as a rupture, then the effect would be a loss of pressure boundary in the 1-1/2" line. Ten (10) each unions are in TVA's warehouse and are now on hold.

The system is complete and has been accepted.

The plant has not gone on line.

The evaluation was conducted by Bill Terry, TVA Engineer.

### *Persons Contacted at TVA:*

Robert Bradley, Jr PE  
TVA Lead Auditor  
Supplier Evaluation Program  
Materials & Procurement Quality  
Phone (615) 751-6782

## *SIGNIFICANT HAZARD EVALUATION FOR E5007 - QA-1*

*NCR:* E5007 QA-1

*PLANT:* BROWN'S FERRY NUCLEAR PLANT UNIT #2

*ITEM DESCRIPTION:* (3 EA.) 3" - 150# CAST BRASS PIPE FLANGES PER  
ASTM B62

*TVA PURCHASE ORDER #:* 91NJA-82667C

*PRELIMINARY EVALUATION  
BY TVA:*

Three (3) of the flanges have been accepted by TVA's receipt inspection. Three (3) flanges are installed in the Reactor Closed Cooling System, Drywell Chiller Coils. This is considered a Critical Structure and is safety related. If a failure were to occur, such as a rupture or fracture, the effect would be a loss of the pressure boundary for cooling water.

The status of this system is unknown at this time, however, the plant has not gone on line.

The evaluation was conducted by Bill Terry TVA Engineer.

Persons contacted at TVA:

Robert Bradley, Jr. PE  
TVA Lead Auditor  
Supplier Evaluation Program  
Materials & Procurement Quality  
Phone (615) 751-6782