

Swagelok

SWAGELOK COMPANY
29500 Solon Road, Solon, Ohio 44139-3492 U.S.A.

June 23, 2000

Document Control Desk
Office of Reactor Regulation
Nuclear Regulatory Commission
Washington DC 20555

Re: Failure to Comply

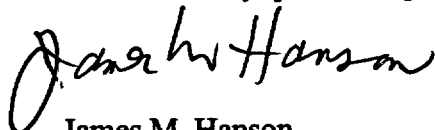
On December 17, 1999 we wrote on a failure to comply with a notification of a potential defect in a Swagelok tube fitting. (Item 1 enclosed).

As promised in that notice, a comprehensive audit covering over 2000 certifications has been conducted of our certification database. Five other certifications have been found where we cannot verify that the licensee has been contacted. The list follows on page 2. All of these pertain to a notification dated September 9, 1998 on a stainless steel Swagelok front ferrule, part number SS-1613-1. A copy of this notification is also enclosed. (Item 2 enclosed.)

We are notifying the licensees concurrently with this communication.

Now that our certifications database has been updated and verified, our corrective action to avoid this type of situation in the future will be to audit the database on a monthly basis to verify information is being entered accurately.

If there are any questions, please do not hesitate to contact us.



James M. Hanson
Vice President of Engineering & Technology

JE19

CUSTOMER	PART NUMBER	QTY	PO NUMBER	BOX CODE
Pennsylvania Power & Light	SS-1610-6	2	6101709 8146883	R18FM0012
Virginia Power (Anna Station)	SS-1610-2-16	10	CNT 563184	R17IF0530
IES Utilities, Inc.	SS-1613-1	4	P107993	R17IC0521
Southern Cal. Edison	SS-1610-9	1	6C278902 Rel A002	R18GP0051
Southern Cal. Edison	SS-1610-9	1	6C278902 Rel A001	R18GP0051

Swagelok®

Swagelok Company
29500 Solon Road, Solon, OH 44139
Phone: 440-248-4600
Fax: 440-519-7384
FACSIMILE COVER SHEET

Date: June 23, 2000
To: Document Control Desk
Office of Reactor Regulation
Nuclear Regulatory Commission
From: Bruce Flusche/ Swagelok

Total Pages: 8

Subject: Failure to Comply

Original to follow by Registered Mail

Please call me if there are any questions

15000
5/23/00

December 17, 1999

Document Control Desk
Office of Reactor Regulation
Nuclear Regulatory Commission
Washington, DC 20555

Further to our notice of November 18, 1999 on Swagelok part number SS-400-3-4TTM, we are providing further information. As earlier reported the licensee below was not notified:

Florida Power and Light
P.O. #00029212
5 pcs. SS-400-3-4TTM
Product I.D. R17KL0509B

The reason for the lack of notification was that the certification had not been entered into our database. The associate responsible for entering the certifications is no longer with Swagelok and we have scheduled an audit of our database for the time period from June 1997 through July 1999, as we believe this is the time period that most needs to be scrutinized.

Whether further review of the database is necessary will be determined on the findings of this audit.

Please contact us if you have any questions.

James M.Hanson
Vice President Engineering & Technology

Swagelok

Item 2

SWAGELOK COMPANY
29500 Solon Road, Solon, Ohio 44139-3492 U.S.A.

September 9, 1998

Document Control Desk
Office of Reactor Regulation
Nuclear Regulatory Commission
Washington, DC 20555

Subject: Defects Potentially Reportable Under 10CFR21

We are writing to inform you about a possible machining defect in certain one inch stainless steel Swagelok front ferrules, part number SS-1613-1.

The front ferrule is shipped as a component in a Swagelok tube fitting, or sold separately as a replacement part.

A list containing the part numbers of assembled fittings and nuclear safety related certifications under which these ferrules have been sold is enclosed. All of these customers have already been notified by us about this possible problem. Only front ferrules with the heat codes ILA, JVA and JYL stamped on the part are affected; and only one inch ferrules are involved.

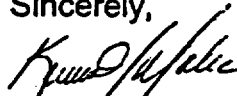
The possible defect is that the 45 degree chamfer on the trailing edge of the ferrule may not be correct. A drawing is enclosed that shows this dimension, along with a drawing that illustrates the front ferrules' position in the Swagelok tube fitting. When these ferrules were machined, an improper set-up allowed a few pieces to be manufactured with an inappropriate dimension. Our inspection of the lots involved shows that about 0.019 per cent of the ferrules manufactured in these lots were affected.

Laboratory testing of these parts with this incorrect dimension had the tubing slip out of the fitting at three times working pressure of the tubing.

Our corrective action includes doubling our sample size on these parts and implementing a long term project to 100 per cent inspect using automation.

If there are any questions, please do not hesitate to contact us.

Sincerely,



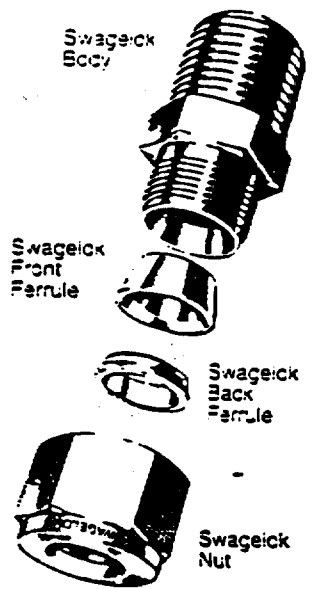
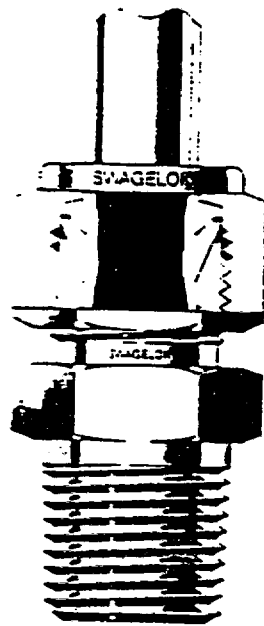
Kennan J. Malec

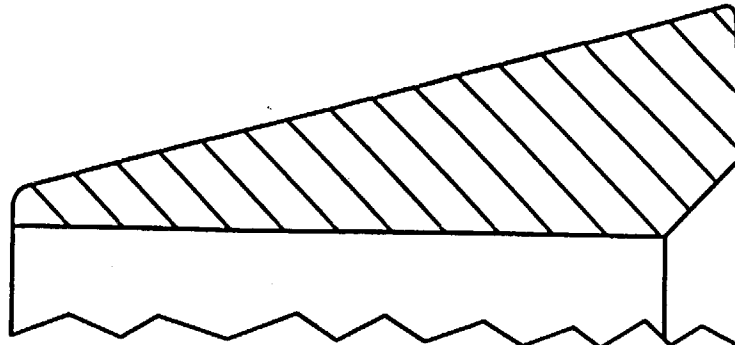
Vice President & General Manager

SWAGELOK COMPANY

SS-1613-1

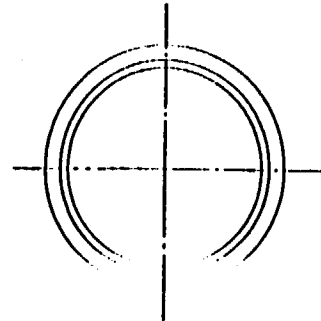
Company	Purchase Order	Part Number	QTY	Product ID
Florida Power & Light (Turkey Point)	00032839	SS-1610-1-16	5	R18G20183
Public Service Electric & Gas	P2 0957644 1850	SS-1610-1-16	10	R18FJ0055B
Mechanical Engineering Workshop	SF CRX/198/433	SS-1613-1	50	R17IC0521B
IES Utilities (Duane Arnold)	T30228	SS-1613-1	4	R17IC0521B
Duke Power (Oconee)	ON33500007310100	SS-1610-1-16	24	R17GX0505B
Westinghouse Savannah River	AC04139A #8	SS-1610-1-16	1	R17GX0505



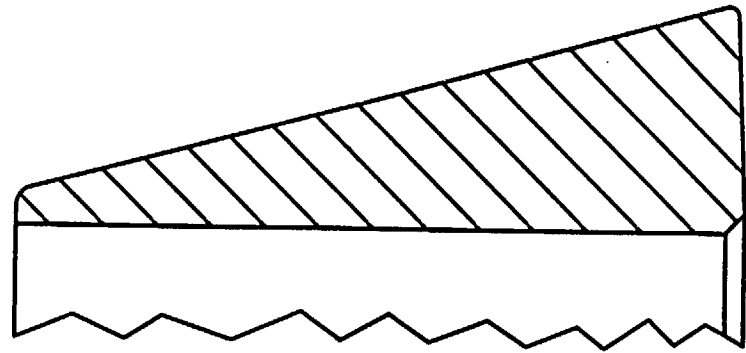


10x SIZE

ACCEPTABLE

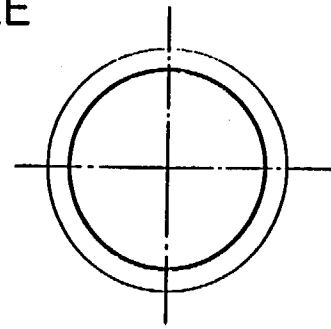


FULL SIZE



10x SIZE

NOT ACCEPTABLE



FULL SIZE

CUSTOMER DRAWING



- DRAWING NOT TO SCALE.
- DIMENSIONS ARE INCHES OVER (MILLIMETERS).
- DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.

DRAWN BY
JN

DATE

TITLE

APPROVED BY

DATE

PART NO.

1613-1