

Swagelok

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

November 4, 1999

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

Subject: Defect potentially reportable under 10CFR21


We are writing further to our preliminary notification on October 6, 1999 about a possible defect in a Swagelok tube fitting, part number SS-400-3-4TTM, male branch tee.

The utilities to whom we have sold this are repeated in the appendix to this letter.

As we reported earlier, the defect is a crack in the seat of the fitting. This crack resulted from overheating during the resistive type heated forging process; it was not a defect in the raw material. The estimated per cent of forgings that have this condition is less than 0.03%.

This forging was processed in December of 1996. Since the middle of 1998 we have required liquid penetrant testing on all resistive type heated forgings.

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


Kennan J. Malec
Vice President of Operations

IE19

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APPENDIX

Georgia Power Company
Plant Vogtle
P.O.# 70306960022
10 pcs. SS-400-3-4TTM
Product I.D. R17F30508

Duke Power Company
Oconee Nuclear Station
Ref. ON 3350 7310 052
100 pcs. SS-400-3-4TTM
Product I.D. R17ECO510B

Arizona Public Service Co.
Palo Verde Nuclear Generating Station
P.O. #500217158
15 pcs. SS-400-3-4TTM
Product I.D. R17KL0509

North Atlantic Energy Service Co.
Seabrook Station P.O. 02055171
10 pcs. SS-400-3-4TTM
Product I.D. R17KL0509B

Virginia Power
Surry Power Station
PO BNT 448898 Rel.292
3 pcs. SS-400-3-4TTM
Product I. D. R17KL0509

Omaha Public Power District
Ft. Calhoun Nuclear Station
P.O. C500635 Q
10 Pcs. SS-400-3-4TTM
Product I. D. R17KL0509B

General Information or Other (PAR)

Event # 36263

Rep Org: SWAGELOK COMPANY		Notification Date / Time: 10/06/1999 09:48 (EDT)	
Supplier: SWAGELOK COMPANY		Event Date / Time: 10/04/1999 (EDT)	
		Last Modification: 11/04/1999	
Region: 3	Docket #:		
City: Solon	Agreement State: No		
County:	License #:		
State: OH			
NRC Notified by: BRUCE FLUSCHE (Fax)	Notifications:	JOHN KINNEMAN	R1
HQ Ops Officer: LEIGH TROCINE		BRIAN BONSER	R2
Emergency Class: NON EMERGENCY		JOHN JACOBSON	R3
10 CFR Section:		KRISS KENNEDY	R4
21.21	UNSPECIFIED PARAGRAPH	VERN HODGE	NRR

POSSIBLE 10-CFR-PART-21 REPORT REGARDING A POSSIBLE DEFECT IN A SWAGELOK TUBE FITTING

The following text is a portion of a facsimile submitted by Swagelok Company:

"This is a preliminary notification of a possible defect in a Swagelok tube fitting, part number SS-400-3-4TTM, male branch tee. A drawing of the part is included with this notification. We are also notifying each of the involved utilities."

"We became aware of this on October 4, 1999."

"The defect is a crack in the seat of the fitting. We are continuing our analysis of the part and will provide further details in accordance with NRC timetables."

"[The] following are the six utilities to whom we have sold these parts:

Georgia Power [Company], Plant Vogtle, ... , 10 pcs. ... [;]
 Duke Power Company, Oconee Nuclear Station, ... , 100 pcs. ... [;]
 Arizona Public Service Co., Palo Verde Nuclear Generating Station, ... , 15 pcs. ... [;]
 North Atlantic Energy Service Co., ... , Seabrook Station, ... , 10 pcs. ... [;]
 Virginia Power, Surry Power Station, ... , 3 pcs. ... [; and]
 Omaha Public Power District, Ft. Calhoun Nuclear Station, ... , 10 Pcs."

(Call the NRC operations officer for Swagelok contact information.)

*** UPDATE 1553 EST ON 11/4/99 FROM BRUCE FLUSCHE TO S. SANDIN ***

The following information was received via fax:

"We are writing further to our preliminary notification on October 6, 1999 about a possible defect in a Swagelok tube fitting, part number SS-400-3-4TTM, male branch tee.

General Information or Other (PAR)

Event # 36263

"The utilities to whom we have sold this are repeated in the appendix to this letter.

"As we reported earlier, the defect is a crack in the seat of the fitting. This crack resulted from overheating during the resistive type heated forging process; it was not a defect in the raw material. The estimated per cent of forgings that have this condition is less than 0.03%.

"This forging was processed in December of 1996. Since the middle of 1998 we have required liquid penetrant testing on all resistive type heated forgings.

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

Notified the R1DO (Mohamed Shanbaky), R2DO (Pierce Skinner), R3DO (James Creed), and R4DO (Claude Johnson). Faxed to NRR part 21 (Vern Hodges).



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

Date: November 4, 1999
To: Document Control Desk . (301) 816-5151
From: Bruce Flusche
Total Pages: 3
Subject: Part 21 notification

This is follow up to our preliminary notification of October 6, 1999.

The original of this letter will be sent via registered mail