

Part 21 (PAR)

Event # 52745

<b>Rep Org:</b> TIOGA PIPE, INC.	<b>Notification Date / Time:</b> 05/11/2017 09:40 (EDT)
<b>Supplier:</b> SUMMERILL TUBE CORP.	<b>Event Date / Time:</b> 04/28/2017 (CDT)
	<b>Last Modification:</b> 05/11/2017
<b>Region:</b> 4	<b>Docket #:</b>
<b>City:</b> HOUSTON	<b>Agreement State:</b> Yes
<b>County:</b>	<b>License #:</b>
<b>State:</b> TX	
<b>NRC Notified by:</b> RUSSELL LION	<b>Notifications:</b> MIKE ERNSTES R2DO
<b>HQ Ops Officer:</b> DONG HWA PARK	PART 21/50.55 REACTORS EMAIL
<b>Emergency Class:</b> NON EMERGENCY	
<b>10 CFR Section:</b>	
21.21(a)(2) INTERIM EVAL OF DEVIATION	

INTERIM REPORT CONCERNING SUPPLY OF STAINLESS STEEL TUBING

The following is a summary of a report received via fax:

"This [interim report is being provided] in accordance with 10 CFR Part 21.21 concerning the supply of 0.5 inch Stainless Steel Tubing to the Duke/Progress Energy Brunswick Nuclear Generating Station. Mackson Nuclear subcontracted Tioga Pipe to supply the tubing. Tioga Pipe in-turn subcontracted Summerill Tube; in which Summerill Tube procured the tubing commercially utilizing the provisions of ASME Section III, NCA 3855.5. However, Summerill failed to properly implement the requirements of NCA-3855.5(a)(2) in that a product analysis of each piece of unqualified source material was not performed.

"Tioga Pipe does not have the capabilities to conduct an evaluation of the defect to determine if a substantial safety hazard exists in the tubing supplied to Duke/Progress Energy. As such, Tioga cannot provide a timeframe as to an expected completion date, and is relying on the licensee, Duke/Progress Energy, to make the final determination.

"If you have any questions, please feel free to contact William Kotcher at (713) 512-3569 or our Quality Director, Russell Lion, at (484) 546-5612."

\*\*\*\*\*

IE19  
NRR

# FAX

**Date:** 05/11/2017

**Pages including cover sheet:** 8

<b>To:</b>	"3018165151@rcfax.com'
<b>Phone</b>	
<b>Fax Number</b>	(301) 816-5151

<b>From:</b>	Russell Lion
	AL
<b>Phone</b>	(888) 224-9926 * 612
<b>Fax Number</b>	(888) 224-9926

**NOTE:**



When it has to be right.

TP-LTR-NRC-2017-01

May 10, 2017

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555-0001  
Phone: (301) 816-5100  
Fax: (301) 816-5151  
E-Mail: EIE@nrc.gov

Subject: Interim Report Notification Pursuant To 10 CFR Part 21.21, Regarding Supply Of 0.5" OD X .065" MW SA213 TP 316/316L Tubing.

This letter provides an interim report in accordance with §21.21 concerning the supply of 1/2" Stainless Steel Tubing to the Duke / Progress Energy Brunswick Nuclear Generating Station. Mackson Nuclear subcontracted Tioga Pipe to supply the tubing. Tioga Pipe in-turn subcontracted Summerill Tube; in which Summerill Tube procured the tubing commercially utilizing the provisions of ASME Section III, NCA 3855.5. However, Summerill failed to properly implement the requirements of NCA-3855.5(a)(2) in that a product analysis of each piece of unqualified source material was not performed. Please see Attachment 1, "Interim Report Notification Information per §21.21", for additional details and clarification.

Tioga Pipe does not have the capabilities to conduct an evaluation of the defect to determine if a substantial safety hazard exists in the tubing supplied to Duke / Progress Energy. As such, Tioga cannot provide a timeframe as to an expected completion date, and is relying on the licensee, Duke / Progress Entergy, to make the final determination.

If you have any questions, please feel free to contact me at (713) 512-3569 or our Quality Director, Russell Lion, at (484) 546-5612.

William Kotcher,

A handwritten signature in black ink, appearing to read "William Kotcher".

William Kotcher  
Chief Operating Officer  
Tioga Pipe Co

Tioga Pipe, Inc.  
Forks Distribution Center  
100 Mort Drive, Easton, PA 18040

610-252-7473  
tiogapipe.com



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Enclosures: "Attachment 1, Interim Report Notification Information per §21.21"

Cc:

Andrew Keiser, Tioga  
David Keiser, Tioga  
Donald Carver, Tioga  
Russell Lion, Tioga  
Richard Crowley, Tioga  
Glenn Reigel, Tioga  
Bryan Nichols, Tioga  
Hill Muse, Mackson  
Tom Sharp, Mackson  
Shannon Echols, Mackson

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**Attachment 1**  
**Interim Report Notification Information per §21.21**

**I. Name and address of the individual or individuals informing the Commission:**

Bill Kotcher  
Chief Operating Officer  
Tioga Pipe Co.  
616 West FM 1960  
Houston, TX 77090

**II. Identification of the facility, the activity, or the basic component supplied for such facility which fails to comply or contains a defect.**

.500" OD X .065 MW SA-213 TP 316 / 316L tubing procured as ASME Section III, Subsection NC Class 2.  
Delivered to the Brunswick Nuclear Generating Station 1 & 2  
Tioga Sales Order: SO 878586; Heat #540535 Lot# 32826; 48 pcs; 960 feet total

**III. Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.**

Summerill Tube Corp.

**IV. Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.**

Summerill Tube Corp purchased unqualified source material from Shanghai Maxmount Special Steel Co. Ltd and failed to properly certify in accordance with ASME Section III NCA-3855.5(a)(2) in that Summerill subcontracted only 1 product analysis per Heat / Lot for the unqualified source material instead of the required 1 product analysis per piece of source material (4 analyses should have been performed). The material was drawn into 48 pieces to supply Tioga Sales Order 878586 and directly shipped to Brunswick 1 & 2 on January 11, 2017.

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**Attachment 1 (cont.)**  
**Interim Report Notification Information per §21.21**

- V. The date on which the information of such defect or failure to comply was obtained.**

Summerill Tube Corp notified Tioga Pipe on April 28, 2017  
Tioga Pipe notified Mackson Nuclear on May 5, 2017  
Mackson Nuclear notified Duke / Progress Energy on May 8, 2017

- VI. In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.**

(48) 20 ft long pieces = 960 total linear feet supplied to Brunswick 1 & 2. On May 10<sup>th</sup> Brunswick advised Mackson & Tioga that approximately 30 feet had been installed.

- VII. The corrective action, which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.**

Tioga Pipe Corrective Action, N-CAR-2017-20 has been generated.

Completed Actions:

1. Extent of condition: Tioga Quality performed an extent of condition, from January 2014 to Present of all Tioga Pipe Sales Orders with Summerill Tube. No additional Sales Orders were affected by this noncompliance. (Exception Action #2)
2. Summerill Tube identified in an email to Tioga Pipe on May 4<sup>th</sup> that that 2 additional Tioga Sales Orders were affected by the improper certification. Sales Orders 904897-1 (0.375" OD X 0.035" MW SA213 316TP/316L Tubing) and 904897-2 (0.375" OD X 0.049" MW SA213 316TP/316L Tubing); Tioga located this material in its inventory which was immediately quarantined and tagged with NC tags. NCRs, N-NCR-2017-07 and N-NCR-2017-08 were raised with a disposition of "reject" / "scrap".
3. Notified Mackson Nuclear of Part 21 reportable condition for ½" 316TP/316L tubing supplied to Duke / Progress Energy.

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**Attachment 1 (cont.)**  
**Interim Report Notification Information per §21.21**

4. Temporary suspension Summerill Tube on Tioga Approved Suppliers List.

Open Actions:

5. Prepare and Issue Interim Notification Report to NRC – due May 11, 2017
6. Evaluate Summerill Tube's qualification status and determine if supplemental audit required for dedication of commercial material, and control of purchased items and services – due May 28, 2017
7. If required, schedule and perform supplemental audit of Summerill Tube – due TBD

- VIII. Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.**

Any stock material should be quarantined and tagged as nonconforming material.

- IX. In the case of an early site permit, the entities to whom an early site permit was transferred.**

Not applicable.