

Part 21 (PAR)

Event # 52734

Rep Org: SUMMERILL TUBE CORPORATION	Notification Date / Time: 05/05/2017 14:38 (EDT)
Supplier: SUMMERILL TUBE CORPORATION	Event Date / Time: 03/08/2017 (EDT)
	Last Modification: 05/05/2017
Region: 1	Docket #:
City: SCOTTDALE	Agreement State: Yes
County:	License #:
State: PA	
NRC Notified by: SCOTT SALVATORE	Notifications: JAMES DWYER R1DO
HQ Ops Officer: STEVE SANDIN	RANDY MUSSER R2DO
Emergency Class: NON EMERGENCY	ROBERT ORLIKOWSKI R3DO
10 CFR Section:	MARK HAIRE R4DO
21.21(a)(2) INTERIM EVAL OF DEVIATION	PART 21/50.55 REACTORS EMAIL

INTERIM PART 21 - UNQUALIFIED SOURCE MATERIAL FOR NUCLEAR APPLICATIONS

During a Vendor Audit by Consolidated Power Supply located in Birmingham, AL, it was discovered that three (3) orders had been received from Summerill Tube Corporation that did not meet the ASME BPVC, Section III, NCA-3800 criteria.

Management Systems Analysis, Inc. completed a Supplier Quality Audit Report for Consolidated Power Supply which is described, in part, below:

"SUPPLIER QUALITY AUDIT REPORT

"SUPPLIER NAME/LOCATION: Summerill Tube Corp., Franklin Street, P.O. Box 302, Scottdale, Pa 15683, Phone: 724-887-9700

"PRODUCT: Ferrous & Nonferrous Tubing

"SPECIFICATIONS: ASME SECT III Div 1NCA3800 15 Ed, 10CFR50 APP 'B', ANSIN45.2, NQA-1 94 Ed thru & including 08 Ed/09 Ad Basic Requirements, 10CFR21, SNT-TC-1a ASME Nx 5500

"AUDIT SCOPE

"Summerill Tube is a Material Organization manufacturing Ferrous and Nonferrous Tubing in accordance with their Quality Assurance Manual Rev 04 dated 10/22/12 and Nuclear Code Manual Rev 03 dated 12/19/12 that supplements the program in accordance with the ASME Code.

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"QUALITY ASSURANCE SUMMARY: On March 2, 2017 an audit was conducted of Summerill Tube in Scottsdale, Pennsylvania. The primary contact during the investigation was Scott Salvatore Quality Assurance Manager.

"Summerill was procuring qualified materials from approved sources, typically ASME QSC holders for extrusion into its final form. Once material is accepted at their facility it is entered into inventory and stored in a lay down area outside. Upon acceptance of an order materials are allocated the job, a work order is issued detailing the sequence of operations to be performed and the customer's requirements. Testing is performed on each heat of material issued for code work using qualified materials. During the past year this has changed as documented in Audit Finding No 1.

"The material is annealed to remove work hardening, passivated to remove any scale or contamination and tested. Testing typically consists of eddy current testing, hydrostatic testing and ultrasonic examination as required. The completed materials are then line marked packaged and shipped.

"The following orders were reviewed as the primary basis of the investigation including certification of the material by Summerill material certifications, associated Shop Orders, testing performed to qualify the material, hydro testing, flare testing, heat treatment and final inspection of the parts prior shipment.

"Reviewed the following orders:

"Order 32422 Lot 32422 SA213 316L 5/17/16 ASME III NC 15 Ed Ht 541455 from Sandvik dated 7/7/15 Penn State Metals 5/12/16 Chem Analysis by LTI dated 5/13/16 Solution Anneal 5/3/16. Dim Inspection dated 5/16/16 Certification dated 5/17/16

"Order 32675 Lot 32675 SA213 to ASME III Cl 2 15Ed Ht 541366 from Sandvik dated 11/4/15 Tensile by Penn State dated 9/26/16 & Chem by Lab Testing dated 9/26/16 Solution Anneal dated 9/21/16. Dim Inspection dated 10/3/16 Certification dated 10/6/16

"Order 32676 Lot 32676 SA213 316L ASME III NC 15 Ed Ht 541028 from Sandvik dated 5/19/15 Tensile by Penn State dated 9/30/16 Chem by LTI 9/26/16 Solution Anneal dated 9/21/16. Dim Inspection dated 10/11/16 Certification dated 10/12/16

"Order 32120 Lot 32120 SA213 304L to ASME III Cl 1 15 Ed Ht 531223 from Sandvik dated 4/18/12 Tensile by Penn dated 9/11/16 Chem by Lab Testing dated 8/31/16 UT by LTI 9/21/16 Solution Anneal dated 8/22/16. Dim Inspection dated 10/1/16 Certification dated 11/22/16

"As a part of the investigation corrective action to previous audit deficiencies was reviewed with the following results.

"Audit Finding No. 1 (V16-7) Contrary to NCA 1140.g STC does not have a copy of the 2015 Edition of the ASME Code and consequently has not reviewed the edition for changes that would impact their program. A copy of the 2015 Ed of Section III was obtained and reviewed. Actions taken found to be satisfactory.

"Based on the investigation the supplier program was found to be adequate and effective.

"RESULTS

"As a result of the investigation performed at Summerill revealed the following deficiency was noted.

"Audit Finding No. 1

"Two suppliers appear on the Approved Suppliers List, Walsin Specialty dated 4/15/16 and Shanghai Maxmount dated 4/13/16, as ASME III NCA 3800 suppliers. Audits of each of these suppliers performed by AccuInspection. The checklist sections covering NCA 3800 indicate 'Minor NC' and 'N/A' as a result without further explanation. Materials from these supplier were purchased from Krupala in Canada and unaudited source.

"Audit Finding No. 2

"Contrary to NCA 3855.5 and Section 7.3 of the manual only one chemistry was performed by Lab Testing on Ht E110462 Sa213 316L unqualified source material from Outokumpu via Krupalu and Walsin to represent 18 pieces used on order 32132. This material was certified as ASME Section III NC 2015 Ed."

Summerill identified three (3) additional unqualified orders that were shipped to Tioga who was notified on 04/28/2017.

For additional information, you may contact:

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