

Part 21 (PAR)

Event # 51344

Rep Org: FURMANITE	Notification Date / Time: 08/25/2015 18:31 (EDT)
Supplier: FURMANITE	Event Date / Time: 08/25/2015 (CDT)
	Last Modification: 07/13/2016
Region: 4	Docket #:
City: Houston	Agreement State: Yes
County:	License #:
State: TX	
NRC Notified by: KERRY J. KOSKI	Notifications: RICHARD SKOKOWSKI R3DO
HQ Ops Officer: JEFF HERRERA	STEVE ROSE R2DO
Emergency Class: NON EMERGENCY	VIVIAN CAMPBELL R4DO
10 CFR Section:	PAUL KROHN R1DO
21.21(a)(2) INTERIM EVAL OF DEVIATION	PART 21/50.55 REACTORS EMAIL

PART 21 FURMANITE NUCLEAR GRADE LEAK SEAL MATERIAL FSC-N-1B

"Furmanite FSC-N-1B Batch #1026 was discovered (post-delivery) to have Chloride levels above acceptable limits. As Discovered: 2400 ppm Chloride. Furmanite Specification: 100 ppm Chloride.

"Part Name: Nuclear Grade Leak Seal Material FSC-N-1B.

"Specification: Furmanite Material Specification 1220.1 R2.

"Furmanite Notice Number: 25.08.2015

"Potential affected customers:

America Electric Power - DC Cook
 Arizona Public Service - Palo Verde
 DTE Energy - Fermi Power Plant 2
 Duke - Catawba Nuclear Station
 Duke - McGuire Nuclear Station
 Exelon Nuclear - Limerick Generating Station
 Florida Power & Light Co. - St. Lucie Nuclear Plant
 Florida Power & Light Co. - Turkey Point Nuclear Plant"

*** UPDATE AT 1629 EDT ON 7/13/16 FROM EDWARD RICH TO JEFF HERRERA ***

The following update was received via email:

JEFF
 APR

"This is an update to part 21 report 2015-63-00. Event # ML15243A174

"The remaining in process items 4 and 5 of the attached report have been completed.

"4. Team Furmanite has contacted all affected customers and has accounted for all boxes of batch # 26 that were manufactured. No material was installed and the boxes were either returned or destroyed by the plant.

"5. Root cause and corrective actions are complete and are listed below.

"Root cause:

"Inadequate controls during manufacturing process. Testing of concentration levels only at one time during process and it was determined this was not adequate to detect contamination.

"Corrective action:

"New procedure PRG.000284.022 was developed with concentration levels being checked at raw material stage and after final packaging. Compound is placed in a hold area before being shipped until third party test results have shown the batch to be acceptable."

Contact information for additional questions:

Edward Rich
Director of Quality - Team Furmanite
Phone: (281) 388-5567

Notified the R1DO (Ferdas), R2DO (Rich), R3DO (Kunowski), R4DO (Gaddy), Part 21 Reactors group (via email).

TEAM FURMANITE

Fax

To: NRC

From: Edward Rich

Fax: 301-816-5151

Pages: 6

Phone: 281-388-5567

Date: 7-13-2016

Re: Update to Part 21 report

cc:

For Review

Comments:

Attached is an update to part 21 report 2015-63-00.

Entity submitting updated report:

Edward Rich – Director of Quality

Team Corporate

200 Herman Drive

Alvin, Tx 77511

Firm Supplying Component:

Furmanite

6330 Dixie Drive

Houston, Tx 77087

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Event # ML15243A174

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- Florida Power & Light Co. - St. Lucie Nuclear Plant
- Florida Power & Light Co. - Turkey Point Nuclear Plant"

IE19
NRR

FURMANITE®

Fax To: NRC Operations Center - # 301.816.5151

From: Kerry J. Koski
Vice president Quality
Furmanite
10370 Richmond Ave
Suite 600
Houston, Texas 77042

Phone: 832.570.9751

Cover + 1 page.

2 pages

(KK)

Added Cust List.

FURMANITE**NOTICE OF ANOMALY 10 CFR PART 21**

form 1322.2A Rev. 1,9/10/08

Notice Number
25.08.2015**P.O. Number**
See attached list**Contract Number**
NA**Report Date**
25 August 2015**Customer**
See attached list**Location**
See attached list**Job Number**
See attached list**Notification Date**
25 August 2015**Notification Made By:**
Kerry Koski
Vice President - Quality**Immediate Supervisor**
Jay Goodyear
Executive Vice President
Furmanite**Region**
Americas**Anomaly Date:**
Product shipped beginning
April 2014**Category:** Specimen Procedure Test Equipment Other (describe)**Part Name:** Nuclear Grade Leak Seal Material FSC-N-1B**Part Number:** FSC-N-1B
Batch #1026**Test Name:** NA**I.D. Number:** NA**Specification:** Furmanite Material Specification 1220.1 R2**Paragraph Number:** 7.2**Describe Requirements:**

1. Contamination limits defined per Furmanite Specification 1220.1 R2. Chlorine \leq 100 ppm
2. Each Batch of material tested prior to Customer delivery

Describe Anomaly:

1. Furmanite FSC-N-1B Batch #1026 was discovered (post-delivery) to have Chloride levels above acceptable limits
 - a. As Discovered: 2400 ppm Chloride
 - b. Furmanite Specification: 100 ppm Chloride

Recommendation: Containment – Correction – Prevention

1. Complete: Furmanite quarantine Nuclear Grade Leak Seal Materials on-hand
2. Complete: Furmanite contact Customers in receipt of FSC-N-1B Batch #1026 and notify to place material on-hold
3. Complete: Furmanite hold shipments of Nuclear Grade Leak Seal Materials until requirements are re-validated
4. In-process: Furmanite to coordinate with Customers regarding significance of anomaly
5. In-process: Furmanite to conduct root cause and preventative analysis and implement improvements as applicable

Quality Assurance

Kerry Koski 25 Aug 2015
 Signature and Date
 Kerry Koski
 Vice President Global Quality

Senior Leadership

Jay Goodyear 25 Aug. 15
 Signature and Date
 Jay Goodyear
 Executive Vice President - Furmanite

Pg 1/2
Pg 1/1

Furmanite Job	Custom PO#	Customer	Ship-to-address	QTY	Ship Date	Contact Name
102LP402550	1565949	AEP DC Cook Plant	America Electric Power. Material Center. 9970 Red Arrow Highway. Bridgman, MI 49106. ATTN: Mike Fry	6 boxes-SR	6/18/2014	Jody Liddick
185LS402538	500584584	Arizona Public Service	APS - Palo Verde. Palo Verde Warehouse. 5801 S. Winterburg Road. Tonopah, AZ 85354. Palo Verde Chemical Storage Facility	5 boxes-NSR	7/1/2014	Paulette Barker
109LS401476	4700793211	DTE Energy	Enrico Fermi Power Plant 2. EF2-Site 6400 North Dixie Hwy. Newport, MI 48166	6 boxes-NSR	9/4/2014	Tracy Clasey
101PR403171	199807	Duke - Catawba	Catawba Nuclear Station. 4800 Concord Road. York, SC 29745	14 boxes-NSR	5/21/2015	Mark Alley
101PR403170	199803	Duke - McGuire	McGuire Nuclear Station. 12225 Hagers Ferry Road HWY 73. Huntersville, NC 28078-8985	1 boxes-NSR	5/21/2015	Mark Alley
108LS402002	90 073686 REV 0	Exelon Nuclear	Limerick Generating Station. 3146 Sanatoga Road. Pottstown, PA 19464	4 boxes-NSR	1/15/2015	Justin Covington
101PR402141	2317897 RLS 25	Florida Power & Light Co.	St. Lucie Nuclear Plant, Gate A. 6501 S. Ocean Drive. Jensen Beach, FL 34957	11 boxes-NSR	5/30/2014	Melanie Rudy
101PR402648	02317888 RLS 12	Florida Power & Light Co. - Turkey Pt	Turkey Point Nuclear Plant. 97060 SW 344 Street. Florida City, FL 33035. ATTN: Central Receiving Facility	2 boxes-SR	10/23/2014	Melanie Rudy