

Part 21 (PAR)

Event # 51344

<b>Rep Org:</b> FURMANITE		<b>Notification Date / Time:</b> 08/25/2015 18:31 (EDT)	
<b>Supplier:</b> FURMANITE		<b>Event Date / Time:</b> 08/25/2015 (CDT)	
		<b>Last Modification:</b> 08/25/2015	
<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> KERRY J. KOSKI		<b>Notifications:</b> RICHARD SKOKOWSKI	R3DO
<b>HQ Ops Officer:</b> JEFF HERRERA		STEVE ROSE	R2DO
<b>Emergency Class:</b> NON EMERGENCY		VIVIAN CAMPBELL	R4DO
<b>10 CFR Section:</b>		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"

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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. (RK)  
2 pages  
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

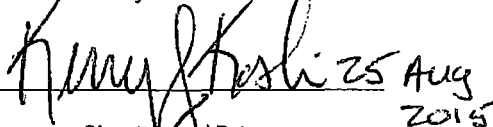
**Describe Anomaly:**

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

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

Senior Leadership

  
25 Aug. 15Signature and Date  
Jay Goodyear  
Executive Vice President - FurmanitePg 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. 13225 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	2317887 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