

\*\*\* This Event has been retracted !!!

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Part 21 (PAR)

Event # 52502

<b>Rep Org:</b> C&D TECHNOLOGIES, INC.		<b>Notification Date / Time:</b> 01/20/2017 16:01 (EST)	
<b>Supplier:</b> C&D TECHNOLOGIES		<b>Event Date / Time:</b> 11/23/2016 (EST)	
<b>Last Modification:</b> 03/20/2017			
<b>Region:</b> 1	<b>Docket #:</b>		
<b>City:</b> BLUE BELL	<b>Agreement State:</b>		Yes
<b>County:</b>	<b>License #:</b>		
<b>State:</b> PA			
<b>NRC Notified by:</b> ARMAND LAUZON	<b>Notifications:</b>	SILAS KENNEDY	R1DO
<b>HQ Ops Officer:</b> JEFF HERRERA		LADONNA SUGGS	R2DO
<b>Emergency Class:</b> NON EMERGENCY		AARON McCRAW	R3DO
<b>10 CFR Section:</b>		GREG WERNER	R4DO
21.21(a)(2)	INTERIM EVAL OF DEVIATION	PART 21/50.55 REACTORS	EMAIL
		PART 21 MATERIALS	EMAIL

PART 21 - PLASTIC JAR DEDICATION SAMPLING

The following is an excerpt of a part 21 received via email:

"The purpose of this letter is to provide the NRC an interim report in general conformity to the requirements of 10CFR Part 21.21 (a)(2). During an internal audit in November 2016, the sampling plan for dedication of plastic jars used in 1E battery cells was reviewed. Two lot numbers are associated with each plastic jar, a material lot number and a molding number. A material lot may encompass several molding lots. The dedication sampling plan was based on the material lot, and may not have properly sampled variations in critical characteristics generated by molding lots. An analysis of historical data is underway to determine whether any deviations to specifications for critical characteristics may have occurred, and whether these possible deviations could represent a defect as defined by Part 21. C&D expects that this analysis will be completed by March 20, 2017.

The facilities where the components have been supplied are:

Arkansas Nuclear One, Limerick, Beaver Valley, Millstone, Braidwood, Monticello, Browns Ferry, Nine Mile Point, Byron, Oconee, Clinton, Palisades, Columbia, Perry, Cook, Point Beach, Cooper, Prairie Island, Crystal River, River Bend, Diablo Canyon, Robinson, Duane Arnold, Salem, Farley, Sequoyah, Fermi, St. Lucie, Fitzpatrick, Summer, Ft. Calhoun, Susquehanna, Grand Gulf, Three Mile Island, Harris, US Navy, Hatch, Vogtle, Hope Creek, Vermont Yankee, Indian Point, Waterford, Watts Bar, LaSalle

"If you have any questions or wish to discuss this matter or this report, please contact

"Robert Malley  
 VP Quality and Process Engineering  
 bmalley@cdtechno.com

IE19  
 NRR

(215) 619-7830"

\*\*\* RETRACTION ON 3/20/17 AT 1602 EDT FROM ROBERT MALLEY TO DONG PARK \*\*\*

The following is an excerpt of a part 21 received via email:

"Based on this review the Interim Report (NRC Log No. 2016-00-06) dated January 20, 2017 is retracted. If you have any questions or wish to discuss this matter, please contact

"Robert Malley  
VP Quality and Process Engineering  
bmalley@cdtechno.com  
(215) 619-7830"

Notified R1DO (Bickett), R2DO (Ernstes), R3DO (Orlikowski), R4DO (Drake), Part 21/50.55 Reactors group, and Part 21 Materials group.

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# **C&D TECHNOLOGIES, INC.**

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Power Solutions

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March 20, 2017

VIA ELECTRONIC TRANSMISSION  
Nuclear Regulatory Commission  
Operations Center  
[hoo.hoc@nrc.gov](mailto:hoo.hoc@nrc.gov)

**Subject:** Retraction of Interim Report – Plastic Jar Dedication Sampling

On January 20, 2017 C&D Technologies submitted an interim Part 21 report regarding the issue of dedication of plastic containers used in nuclear safety related battery systems. In the interim report C&D reported that an internal audit had discovered an issue with lot numbers used to perform sample selection for parts dedication. Dedication sampling and testing had been based on larger material lots vs smaller molding lots.

A detailed review of plastics dedication testing has been performed by C&D. This review concludes that the sampling issue does not pose a substantial safety hazard for Class 1E products in the field. This review included analysis of field and return data (cracked jar incidence rate below 0.002% and no operability failures), confirmation that the critical characteristics of material identification and strength were properly sampled, and confirmation that the dimensional analysis that was performed from 2011 to present never resulted in the rejection of any plastic lots.

Based on this review the Interim Report (NRC Log No. 2016-00-06) dated January 20, 2017 is retracted. If you have any questions or wish to discuss this matter, please contact

Robert Malley  
VP Quality and Process Engineering  
[rmalley@cdtechno.com](mailto:rmalley@cdtechno.com)  
(215) 619-7830

Sincerely,



Armand Lauzon Jr.  
Chairman and Chief Executive Officer  
C&D Technologies

Cc: D. Anderson  
R. Malley  
S. DiMauro  
L. Carson  
J. Anderson  
J. Link