

Part 21 (PAR)

Event # 47741

<b>Rep Org:</b> AMETEK SOLIDSTATE CONTROLS	<b>Notification Date / Time:</b> 03/14/2012 15:38 (EDT)
<b>Supplier:</b> AMETEK SOLIDSTATE CONTROLS	<b>Event Date / Time:</b> 03/14/2012 (EDT)
	<b>Last Modification:</b> 03/14/2012
<b>Region:</b> 3	<b>Docket #:</b>
<b>City:</b> COLUMBUS	<b>Agreement State:</b> Yes
<b>County:</b>	<b>License #:</b>
<b>State:</b> OH	
<b>NRC Notified by:</b> ROBERT GEORGE	<b>Notifications:</b> PAUL KROHN R1DO
<b>HQ Ops Officer:</b> JOHN KNOKE	EUGENE GUTHRIE R2DO
<b>Emergency Class:</b> NON EMERGENCY	MICHAEL KUNOWSKI R3DO
<b>10 CFR Section:</b>	CHUCK CAIN R4DO
21.21 UNSPECIFIED PARAGRAPH	PART.21 GRP EMAIL

PART 21 - POTENTIAL DEFECT ON ARVAN ELECTRICAL TERMINAL BLOCKS

The following information was provided by facsimile:

"COMPONENT DESCRIPTION:

Arvan electrical terminal blocks, part number MS27212-x-xx, Revision P, sizes -3-xx and -5-xx. any length; Ametek Solidstate Controls part number 03-120608-00. Only lots purchased from 2010 to present are of concern.

"PROBLEM YOU COULD SEE:

A mottled or marbled appearance, vertical cracks and/or a slim void/flow line on a cut section of the terminal block,

"CAUSE:

The manufacturer's investigation revealed that an improper application of acetone agent, which ensures proper bonding/blending of materials, was not properly monitored and resulted in intermittent inadequate blending. Not every lot or complete batch run is affected.

"EFFECT ON SYSTEM PERFORMANCE:

Cracks and/or voids in the material could be exploited should a seismic event occur.

"ACTION REQUIRED:

We have no known failures of these terminal block products in our systems. We believe the failure rate has been extremely low and the risk is minimal. Each operating facility will need to evaluate the potential risk to their operation.

"AMETEK SOLIDSTATE CONTROLS CORRECTIVE ACTION:

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NRR

Part 21 (PAR)

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If you wish to replace the terminal blocks in your systems, Ametek Solidstate Controls will work with you to arrange replacements. Please contact our Client Services group at 1-800-222-9079 or 614-846-7500 ext. 6260."

The nuclear sites identified by the licensee to have these potentially defective parts are: Beaver Valley, Ginna, Harris, Hatch, VC Summer, Watts Bar, Braidwood, Byron, Cook, Davis Besse, Prairie Island, Arkansas Nuclear One, San Onofre Nuclear Generating Station, and South Texas Project.

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**FAX COVER SHEET**



**SOLIDSTATE CONTROLS**

**Quality Assurance**

875 Dearborn Drive, Columbus, OH 43085 U.S.A.

Telephone: 614-846-7500 1-800-635-7300 Fax: 614-885-3990

**TO:** NRC Operations Center      **FROM:** Robert E. George  
**FAX:** 301-816-5151              **EXTENSION:** 614-410-6317  
**DATE:** March 14, 2012  
**PAGES:** 3 (including this cover sheet)

**SUBJECT:** Pt. 21 Reporting

**MESSAGE:**

See following attachments...

**NOTE:** The information contained in this FAX is confidential and/or privileged. If the reader of this message is not the intended recipient, any dissemination, distribution, or copying of this communication is prohibited. If this communication has been received in error, please notify us by telephone immediately so we can arrange for the return of the original(s). Thank you.



**SOLIDSTATE CONTROLS**

**Quality Assurance**

875 Dearborn Drive, Columbus, OH 43085 U.S.A.

Telephone: 614-846-7500 1-800-635-7300 Fax: 614-885-3990

E-mail: bob.george@ametek.com

Robert E. George

*Director of Quality*

March 14, 2011

U.S. Nuclear Regulatory Commission

Document Control Desk

Washington, D.C. 20555

Attention: MANAGER DOCUMENT CONTROL CENTER

Subject: Notification of Potential Defect - 10CFR Part 21

Product: Arvan electrical terminal blocks, part number MS27212-x-xx, Revision P, sizes -3-xx and -5-xx, any length.

Ametek Solidstate Controls is submitting the following Report of a Potential Defect in accordance with the requirements of 10CFR Part 21.

Please contact me if you require any further information.

Sincerely,

Robert E. George

Director of Quality

Ametek Solidstate Controls





**COMPONENT DESCRIPTION:**

Arvan electrical terminal blocks, part number MS27212-x-xx, Revision P, sizes -3-xx and -5-xx, any length; Ametek Solidstate Controls part number 03-120608-00. Only lots purchased from 2010 to present are of concern.

**PROBLEM YOU COULD SEE:**

A mottled or marbled appearance, vertical cracks and/or a slim void/flow line on a cut section of the terminal block.

**CAUSE:**

The manufacturer's investigation revealed that an improper application of acetone agent, which ensures proper bonding/blending of materials, was not properly monitored and resulted in intermittent inadequate blending. Not every lot or complete batch run is affected.

**EFFECT ON SYSTEM PERFORMANCE:**

Cracks and/or voids in the material could be exploited should a seismic event occur.

**ACTION REQUIRED:**

We have no known failures of these terminal block products in our systems. We believe the failure rate has been extremely low and the risk is minimal. Each operating facility will need to evaluate the potential risk to their operation.

**AMETEK SOLIDSTATE CONTROLS CORRECTIVE ACTION:**

If you wish to replace the terminal blocks in your systems, Ametek Solidstate Controls will work with you to arrange replacements. Please contact Mr. Jim Ackinclose of our Client Services group at 1-800-222-9079 or 1-614-846-7500 ext. 6260.  
[jim.ackinclose@ametek.com](mailto:jim.ackinclose@ametek.com)