Part 21 (PAR) Event # 50545

Rep Org: AMETEK SOLIDSTATE CONTROLS		**Notification Date / Time:** 10/16/2014 16:34 (EDT)	
Supplier: AMETEK SOLIDSTATE CONTROLS		**Event Date / Time:** 10/16/2014 (EDT)	
		Last Modification: 10/17/2014	
Region: 3	**Docket #:**		
City: COLUMBUS	**Agreement State:** Yes		
County:	**License #:**		
State: OH			
NRC Notified by: ROBERT GEORGE	**Notifications:**	WILLIAM COOK	R1DO
HQ Ops Officer: JEFF ROTTON		DAVID AYRES	R2DO
Emergency Class: NON EMERGENCY		LAURA KOZAK	R3DO
10 CFR Section:		MARK HAIRE	R4DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE		PART 21 GROUP	EMAIL

PART 21 - INSUFFICIENT SPOT WELD ON WIRE WOUND RESISTOR

The following information was excerpted from a facsimile from AMETEK Solidstate Controls:

Ohmite 5 watt, 470 ohm wire wound resistor with component Date Code 1201 is mounted on a printed circuit board installed in power supplies manufactured by Ametek Solidstate Controls.

"Component Description: Ohmite 5 watt, 470 ohm wire wound resistor with Date Code 1201

"Problem You Could See: Internal open - (100 hour burn-in performed)

"Probable Cause: Insufficient spot weld on the wire wound resistor

"Effect on System Performance: Resistor opens

"Action Required: Notify NRC and affected utilities. Prepare replacements.

"Ametek Solidstate Controls Corrective Action Taken: Notified affected utilities of the potential defect and advised that the power supplies be returned to our factory. Further corrective action will be to install new boards with unaffected resistors, retest, perform 100 hour burn in and return."

Person notifying the NRC: Mr. Robert George, Director of Quality, 875 Dearborn Drive, Columbus, OH 43085, Telephone: (614) 846-7500

* * * UPDATE ON 10/17/14 AT 0755 EDT FROM ROBERT GEORGE TO DONG PARK * * *

IE19
NRR

The affected plants are Waterford, Indian Point and Salem.

Notified R1DO (Cook), R2DO (Ayres), R3DO (Daley), R4DO (Allen) and Part 21 group via email.

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FAX COVER SHEET

AMETEK

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: U.S. Nuclear Regulatory Commission Operations Center
FROM: Robert E. George
FAX: 301-816-5151
DATE: October 16, 2014
PAGES: 3 **(including this cover sheet)**

SUBJECT: Notification of Potential Defect -10CFR Part 21
ATTENTION: Manager, Document Control Center

MESSAGE:

Ohmite 5 watt, 470 ohm wire wound resistor. This component with Date Code 1201 is mounted on a printed circuit board installed in power supplies manufactured by Ametek Solidstate Controls.

Please see the following attachments...

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

October 16, 2014

U.S. Nuclear Regulatory Commission Operations Center
Document Control Desk
Washington, D.C. 20555

Subject: Notification of Potential Defect

Product: Ohmite 5 watt, 470 ohm resistor

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.

Best regards,

Robert E. George
Director of Quality

SOLIDSTATE CONTROLS

AMETEK

Component Description

Ohmite 5 watt, 470 ohm wire wound resistor with Date Code 1201

Problem You Could See

Internal open – (100 hour burn-in performed)

Probable Cause

Insufficient spot weld on the wire wound resistor

Effect on System Performance

Resistor opens

Action Required

Notify NRC and effected utilities. Prepare replacements.

Ametek Solidstate Controls Corrective Action Taken

Notified affected utilities of the potential defect and advised that the power supplies be returned to our factory. Further corrective action will be to install new boards with unaffected resistors, retest, perform 100 hour burn in and return.