

Part 21 (PAR)

Event # 47976

<b>Rep Org:</b> RSCC WIRE & CABLE LLC	<b>Notification Date / Time:</b> 05/30/2012 16:26 (EDT)
<b>Supplier:</b> RSCC WIRE & CABLE LLC	<b>Event Date / Time:</b> 05/30/2012 (EDT)
	<b>Last Modification:</b> 05/30/2012
<b>Region:</b> 1	<b>Docket #:</b>
<b>City:</b> EAST GRANBY	<b>Agreement State:</b> No
<b>County:</b>	<b>License #:</b>
<b>State:</b> CT	
<b>NRC Notified by:</b> ROBERT GEHM	<b>Notifications:</b> HIRONORI PETERSON R3DO
<b>HQ Ops Officer:</b> JOE O'HARA	GREG PICK R4DO
<b>Emergency Class:</b> NON EMERGENCY	PART-21 GRP EMAIL
<b>10 CFR Section:</b> 21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE	

PART-21 NOTIFICATION - FIREZONE 3HR 600V CABLE MAY NOT FUNCTION AS TESTED AND QUALIFIED

The following information was received via fax:

"Nature of Defect: RSCC Wire & Cable LLC's Firezone 3HR 600V cables may have been installed in a configuration not tested by RSCC. RSCC has only tested the Firezone 3HR 600V cable while installed in a tray with no additional cables. The actual installation at the Comanche Peak Nuclear Power Plant of the Firezone 3HR 600V cable was in a tray with other non-fire rated cables. The guidelines given by UL in FHIT.Guide Info and FHIT.31 are not specific enough to cover this case. RSCC Wire & Cable LLC conservatively concludes this may be a potential defect.

"Potential Hazard: Under fire conditions in a tray with other non-fire rated cables, Firezone 3HR 600V cables may not function as tested and qualified in accordance with UL 2196.

"The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action: RSCC has issued a Corrective Action Report (CAR 12-19) to address requirements that include documented installation procedures for Firezone 3HR 600V cables. Robert Gehm, Applications Engineering Manager for RSCC Wire & Cable LLC, has been designated as the responsible individual for action(s) to be taken. Completion of the corrective action is expected by June 29, 2012.

"Notification will be made to Comanche Peak Nuclear Power Plant and the Dresden Nuclear Power Plant for their evaluation regarding the condition as described. Notification will be made by May 31, 2012."

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TE19  
NRR



A Division of RSCC Cable Group  
ISO 9001 Registered

**RSCC Wire & Cable LLC**  
20 Bradley Park Road  
East Granby, CT 06026 USA  
Tel: 860-653-8300  
Fax: 860-653-8420

May 30, 2012

U. S. Nuclear Regulatory Commission  
Operations Center  
Facsimile No.: 301-816-5151

**Subject: Initial Notification of 10CFR Part 21 Defect/Failure to Comply**

Dear Sir or Madam:

This letter shall serve as the initial notification by RSCC Wire & Cable LLC that a basic component supplied for use in nuclear power plants may contain a defect or fail to comply, which is reportable under the requirements of 10 CFR 21.

Written notification shall be provided by June 29, 2012.

The following information is supplied in accordance with the requirements of 10 CFR 21.

**I. Name and address of individual informing the Commission:**

Richard C. Brown – Quality Assurance Manager  
RSCC Wire & Cable LLC  
20 Bradley Park Road  
East Granby, CT 06026

**II. Identification of the basic component supplied which fails to comply or contains a defect:**

RSCC Wire & Cable LLC's Firezone 3HR 600V cables.

**III. Identification of the firm supplying the basic component which fails to comply or contains a defect:**

RSCC Wire & Cable LLC located on 20 Bradley Park Road, East Granby, CT.

**IV. Nature of the defect or failure to comply and the safety hazard which is created:**

Nature of Defect:

RSCC Wire & Cable LLC's Firezone 3HR 600V cables may have been installed in a configuration not tested by RSCC. RSCC has only tested the Firezone 3HR 600V cable while installed in a tray with no additional cables. The actual installation at the Comanche Peak Nuclear Power Plant of the Firezone 3HR 600V cable was in a tray with other non-fire rated cables. The guidelines given by UL in FHIT.Guide Info and FHIT.31 are not specific enough to cover this case. RSCC Wire & Cable LLC conservatively concludes this may be a potential defect.

Potential Hazard:

Under fire conditions in a tray with other non-fire rated cables, Firezone 3HR 600V cables may not function as tested and qualified in accordance with UL 2196.

**V. The date on which the information of such defect or failure to comply was obtained:**

On the basis of our evaluation, it was determined that on 5/30/12 that a defect or failure to comply as defined by 10 CFR 21 may exist.

**VI. The number and location of all basic components which contain a defect or fails to comply:**

Comanche Peak Nuclear Power Plant

2/C 10 AWG Firezone 3HR 600V Cable	1,548 ft
4/C 10 AWG Firezone 3HR 600V Cable	3,288 ft
5/C 10 AWG Firezone 3HR 600V Cable	1,986 ft
7/C 10 AWG Firezone 3HR 600V Cable	2,844 ft

Dresden Nuclear Power Plant

2/C 12 AWG Firezone 3HR 600V Cable	2,200 ft
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**VII. The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action:**

RSCC has issued a Corrective Action Report (CAR 12-19) to address requirements that include documented installation procedures for Firezone 3HR 600V cables. Robert Gehm, Applications Engineering Manager for RSCC Wire & Cable LLC, has been designated as the responsible individual for action(s) to be taken. Completion of the corrective action is expected by June 29, 2012.

Notification will be made to Comanche Peak Nuclear Power Plant and the Dresden Nuclear Power Plant for their evaluation regarding the condition as described. Notification will be made by May 31, 2012.

**VIII. Any advice related to the defect or failure to comply about the basic component that has been, is being, or will be given to purchasers:**

Advice will be withheld until further information can be obtained from purchasers regarding current installations of Firezone 3HR 600V cables.

Robert Gehm  
Applications Engineering Manager  
(860) 653-8445

Richard Brown  
Quality Assurance Manager  
(860) 653-8322

Michael Mennone  
Vice President & General Manager Utility/Industrial  
(860) 653-8376

Sincerely,



Richard Brown  
Quality Assurance Manager

cc: R. Gehm  
M. Mennone  
R. Konnik  
D. Chalk