

10 CFR PART 21 REPORT

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ROCKBESTOS SURPRENANT CABLE CORPORATION

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Date: August 9, 2002

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To: NRC Operations Center

From: Richard Brown

Fax Number: (301) 816-5151

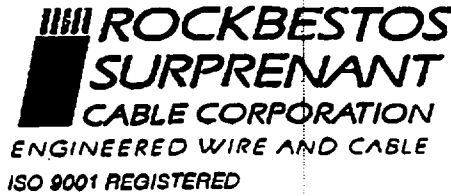
Fax Number: (860) 653-8420

Phone Number: (301) 816-5100

Phone Number: (860) 653-8322

Message:

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



20 Bradley Park Road
East Granby, CT 06026 USA
Tel: 860-653-8300
Fax: 860-653-8420

August 9, 2002

U. S. Nuclear Regulatory Commission
Operations Center
Facsimile No.: 301-816-5151
Telephone No: 301-816-5100

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

Dear Sir or Madam:

This letter shall serve as the initial notification by Rockbestos-Surprenant Cable Corp. 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 September 8, 2002.

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
The Rockbestos-Surprenant Cable Corp.
20 Bradley Park Road
East Granby, CT 06026

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

The cable identified below failed to comply with the vertical tray flame test when subjected to the requirements as described in IEEE-383-1974 section 2.5.4:

2/C 14 AWG 600V Firewall SR (Silicone Rubber) with overall Rockhide braid
Sales Order: 52727
Shop Order: 220557
Item: C643385
Reel No.: 02F0693G

This cable was subsequently placed in an MRB location and issued a nonconformance report on 7/24/02.

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

The Rockbestos-Surprenant Cable Corp., East Granby, CT facility

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

Nature of Defect: Incorrect lacquer material applied to overall Rockhide braid.

Potential Hazard: The lacquer material applied to the overall Rockhide braid may contribute to the propagation of flame, resulting in a burn of the entire length of the tray as described in IEEE-383-1974 section 2.5.4.

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

On the basis of our testing and evaluation it was determined on 7/24/02 that a defect or failure to comply as defined by 10 CFR 21 existed.

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

Our initial investigation indicates that the affected cables are limited to eight part numbers/shipments of multiconductor Firewall SR (Silicone Rubber) cables with overall Rockhide braid manufactured from 1999 through July 2002.

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:

Production and shipment of all Firewall SR (Silicone Rubber) cables with overall Rockhide braid was stopped on 7/24/02 and all cables in house were identified and nonconformance reports issued as a result of the flame test failure.

Manufacturing instructions and bills of material for all Firewall SR (Silicone Rubber) with overall Rockhide braid products are being reviewed to ensure that all process documents specify approved lacquers.

After review by Applications Engineering, samples of the 2/C 14 AWG nonconforming cables were "over braided" and lacquered with approved lacquers, and again subjected to the vertical tray flame test of IEEE-383-1974 section 2.5.4. These samples successfully withstood the requirements of the standard. Processing documents for the 2/C 14 AWG and other constructions which were in production, were subsequently issued temporary engineering changes allowing "over braid" and subsequent lacquer with approved materials.

An additional cable sample of 3/C 12 AWG 600V Firewall SR (Silicone Rubber) without the "over braid" and utilizing an approved lacquer, was subjected to; and

successfully withstood the vertical tray flame test requirements of IEEE-383-1974 section 2.5.4.

Further flame testing of Firewall SR (Silicone Rubber) cables with overall Rockhide braid is planned on various sizes and configurations to determine the extent of the failure mode.

Production and shipment of cables have resumed for those products originally placed on hold after acceptable results were obtained for the vertical tray flame test as described in IEEE 383-1974 section 2.5.4.

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:

Purchasers of Firewall SR (Silicone Rubber) products that were manufactured with the overall Rockhide braid and lacquer from 1999 through July 2002 will be notified of the failure mode described above by letter on 8/12/02. Purchasers will be requested to stop any current or planned installation of the aforementioned cables and to notify Rockbestos Surprenant Cable Corp. for return of any cables not installed. Advice related to installed cables will be provided based on the installed conditions.

The following personnel may be contacted regarding the preceding notification:

James Morganelli
Senior Quality Engineer
(860) 653-8319

Richard Brown
Quality Assurance Manager
(860) 653-8322

Robert Konnik
Director of Applications Engineering
(860) 653-8340

Sincerely,



Richard Brown
Quality Assurance Manager

cc: R. Konnik
M. Mennone
J. Morganelli
J. Notarfrancesco
F. Schwelm