

C.E.

Copy
THURSTON
& SONS, INC.

INSULATION AND REFRACTORY CONTRACTORS
INDUSTRIAL, MARINE AND CONTRACTORS' SUPPLIES

850 TIDEWATER DRIVE/P.O. BOX 2411/NORFOLK, VA. 23501/(804) 627-7751

Rec'd
12/3/84
Jones

Pt 21 84 - 538
Publicly Available

November 19, 1984

Mr. Robert W. Wright
Nuclear Regulatory Commission Region 2
101 Marietta Street, North West
Atlanta, GA 30303

Dear Mr. Wright

The attached is in support of the information relayed during our phone conversation today.

We first notified Stu Berman at Vepco North Anna of the apparent discrepancy by phone on October 12, 1984. We sent the attached package to him. He never received it, we have resubmitted it to him today with a duplicate to Mr. Andy Hogg, Vepco North Anna QA Manager.

The product is Foster insulation adhesive numbered 35-01. It is applied as a finishing coat over pipe covering or blanket insulating piping systems possibly stainless steel within containment areas in nuclear power plants.

Lot number HFCU-112 of this product was out of tolerance when tested to the requirements of Military Specification Mil I 24244B thru Interim change 1 dated January 11, 1983, and NRC Standard 1.36 by an independent testing laboratory.

Twenty five gallons of mastic was sent back to the Fuller warehouse in Greensboro, NC. Cause and corrective action was asked for from the manufacturer. The results of this request is still pending at this time.

The apparent discrepancy was discovered while the material was at Thurston.

Your agency will be informed as information is made available to us by the manufacturer.

Sincerely,

Frances Hart-James
Frances Hart-James
Material Contract Mgr.

FHJ/ljs

cc: NRC, Bethesda, MD ✓

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850 TIDEWATER DRIVE/P.O. BOX 2411/NORFOLK, VA 23501/(804) 627-7751

October 17, 1984

Mr. Stu Berman, Purchasing Department
Vepco, North Anna
Route 700
Mineral, VA 23117

Ref: Vepco Contract NS09307, Release 11, Item 102.

Dear Mr. Berman:

This is confirming our conversation regarding the discrepant material which is now located in our reject bay at C. E. Thurston, Norfolk, VA. Foster 35-01 lot number HFCU-11 proved to be out of conformance to the criteria established by the United States Atomic Energy Nuclear Regulatory Commission Guide 1.36 and Military Specification MSI24244B through Interim Change 1 dated January 11, 1983.

This deficiency was discovered prior to shipment of the material to your North Anna plant.

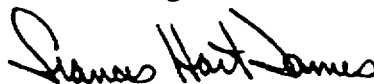
We have attached copies of our internal discrepancy sheet and related paperwork for your records to aid your report to the regulatory commission per 10CFR50, Part 21.

In accordance with our Quality Assurance Procedures Manual, paragraph 11.3.3 we are sending complete copies of this letter to the Vepco Quality Department in Mineral, VA. and will report to the Nuclear Regulatory Commission.

We will return the defective Material to the Foster Division of H. B. Fuller in Greensboro, NC on our debit memo numbered 0432, where it will presumably go into stock for use on non-nuclear related jobs. Our discrepancy/corrective action sheet will go to Fuller in Houston, TX for evaluation using control samples of the material lots in question.

As soon as the results of Fullers evaluation are in-hand, we will inform you, we cannot furnish you this material until the problem is solved.

Sincerely,



Frances Jart-James
Material Contract Manager

FHJ/ljs
cc: QA Dept, Mineral, VA
J. W. Hoffmann

NRC, Atlanta
M. Haley

From C. E. THURSTON & SONS, INC.
P.O. Box 71394
Houston, TX 77011

Date

OCTOBER 17, 1984

Attention of

Mr. M. J. KATSAROS

Subject

Ref. Thurston P.O. 71394,

Mod 2 Batch #HPC0112,

45-01

To Foster Division
H. E. Fuller
6107 Industrial Way
Houston, TX 77011

1-800-231-9541
Slo/Btt/Mark:

MESSAGE

Enclosed is our discrepancy sheet/corrective action request and supporting documentation as we discussed earlier this week on the phone.

Please respond with cause and corrective action so that I can forward the information to the Nuclear Regulatory Commission.

Thanks. If you have any questions, please call.

Frances Hart Jones
Houston, TX 77011

Signed

Frances Hart Jones

Signed

Date

SENDER—Keep Yellow part—Send White and Pink parts with carbon intact. If folded at blue marks proper address will fit window envelope.

ANSWERGRAM

RECIPIENT—Detect stub and carbon. Keep White part. Return 1 part. If folded at Red marks proper address will fit window envelope.

DATE ANYTHING YOU SIGN

C. THURSTON & SONS, INC.

DISCREPANCY SHEET AND
CORRECTIVE ACTION REQUEST

BE SPECIFIC in all areas

Form a.l.8, REV. 2 — 2/10/83

It is requested that a written reply with accurate answers be returned to originator listed below by
OCT 27 1984 (date).

Any payment due on this order will be held until answer is received AND problem has been resolved.

REJECT No. 01093 Stock or Vendor H.B. Sullivan P.O. # 71394, Waf 2 OCT 12 1984
Date

Customer Contract No. 11509307 Customer VEPCO - NORTH ANNA

Line Item No. 102 ^{Rel 11} 113 ^{Rel 13} Notified By Phone Stan GERMAN, PA 10/12/84
(Phone, Letter) Name of Contact Date

Item Description: COSEFA 35-01 BATCH NO. HFCU 112 (COC DATED 7/5/84)

Apparent Discrepancy: DOES NOT PASS REQUIREMENTS OF MIL I 24244 B, AND 1 AND/OR
NRC 1.36 - SEE ATTACHED TEST REPORTS

Apparent Cause: ☐ Originator ☒ Vendor ☐ Customer ☐ Other _____

Corrective Action Taken
to assure this will not
happen again.

☐ By Originator
If customer error, did you
ask enough questions?

☒ By Vendor
Please be Specific.

NOTE: Route in accordance with numerical sequence listed below.

DISPOSITION

SIGNATURE

DATE

- ☐ Accept ☒ Reject ☐ Use As Is
☒ Return to Vendor, Debit Memo # 043a
☐ Send to Customer, Req. # _____
☒ Listed in Vendor File ☒ copy
☐ Listed in Salesman File ☐ copy
☐ Listed in Generic File (type of error)
☐ Return to Warehouse Stock
☒ Vendor notified by: Phone to Stan on 10/12/84
How and Date

- 1) Receiver: A.C. Quigley OCT 12 1984
2) Open Order Clerk: [Signature] 10-16
3) Originator: _____
4) Dept. Mgr.: _____
5) Purchasing: _____
6) Vendor Rep.: _____
7) Open Order Clerk (CET): _____
8) CET GAA: _____

☐ NORFOLK

☐ RICHMOND

☐ ROANOKE



H.B. Fuller Company
Foster Products Division

6100 Industrial Way
Houston, Texas 77011
(713) 926-3125
Toll Free 1-800-231-9541

September 5, 1984

✓ C.E. Thurston & Sons Inc.
P.O. Box 968
Richmond, VA 23207

Attn: Ms. Haley

Dear Ms. Haley:

This is to certify that Foster's G-P-M 35-01 has been tested in accordance with Military Specification MIL-I-24244B, Am.1, has passed the Stress Corrosion Test and is typically able to pass the Chemical Requirements test.

The stress corrosion test was run by the H.B. Fuller Foster Laboratory in St. Paul, MN. The report is dated February 5, 1981. The material passed the test with no cracks.

This product has also met NRC1.36 in the past. If you need any further information, please give me a call.

Sincerely,

H.B. FULLER COMPANY
FOSTER PRODUCTS DIVISION

Mark G. Katsaros
Quality Control Manager

MGK/vlr

Oct. 11, 1984

E. Thurston & Sons, Inc.
P. O. Box 2411
Norfolk, Va. 23501

B. A. W. Reference No.: 8416254-1362

Date Received: September 21, 1984

Style: Foster 35-01 Type VI Adhesive

Lot No.: HFCU-112

C. E. Thurston & Sons, Order No.: 71594 MOD 2A

Analysis:

Reporting Laboratory: B.A.W. Laboratories, Inc.

Reporting Date: October 11, 1984

SAMPLE	1	2	3	
pH Value	9.34 <i>de</i>	9.41 <i>de</i>	9.29 <i>de</i>	(12.5)
Chloride, ppm	1,060.0	713.2	764.8	
Fluoride, ppm	5.0	5.5	5.0	
Sodium, ppm	6,940.1	7,395.1	7,485.9	
Silicate, ppm	252.3	375.3	336.6	
Sulfate, ppm	823.5	1,291.3	1,177.2	
Total Oxidizable Sulfur, ppm	236.6 <i>de</i>	245.9 <i>de</i>	219.0 <i>de</i>	(250) <i>more than time</i>
Antimony, ppm <i>time</i>	<0.2	<0.2	<0.2	

Method:

pH Value	Paragraph 4.2.4.2.1, MIL-I-24244B(SH)
Chloride	Paragraph 4.2.4.2.2.4, MIL-I-24244B(SH)
Fluoride	Paragraph 4.2.4.2.2.1(B), MIL-I-24244B(SH)
Sodium	Paragraph 4.2.4.2.2.3(C), MIL-I-24244B(SH)
Silicate	Paragraph 4.2.4.2.2.2(B), MIL-I-24244B(SH)
Sulfate	Paragraph 4.2.4.2.2.5(A), MIL-I-24244B(SH)
Total Oxidizable Sulfur	Paragraph 4.2.4.2.2.5(B), MIL-I-24244B(SH)
Antimony	Paragraph 3.6, MIL-I-24244B(SH)

We hereby certify that the above material has been tested in accordance with the listed specifications including Amendment 1 (ships) dated 5 July, 1980, Interim Change No. 1 dated 11 January, 1983, and U.S.A.E.C. Regulatory Guide 1.36 and is NOT in conformance with all the requirements.

Analyzed By:
B.A.W. Laboratories, Inc.
N.C. Certificate No. 48
N.C. Certificate No. 37702
E.P.A. Certificate No. 02006

Michael R. Banker
Michael R. Banker

D. Anne Wilson
D. Anne Wilson