

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.:	99900277/82-02	INSPECTION DATE(S)	5/3, 4, 24-28/82	INSPECTION ON-SITE HOURS:	100
CORRESPONDENCE ADDRESS: The Rockbestos Company A Member of The Marmon Group ATTN: Mr. E. S. Reed, Vice President-General Manager P. O. Box 778 Wallingford, CT 06492					
ORGANIZATIONAL CONTACT: Mr. G. G. Littlehales, Manager-Quality Assurance TELEPHONE NUMBER: (203) 265-6500					
PRINCIPAL PRODUCT: Insulated Wire and Cable. NUCLEAR INDUSTRY ACTIVITY: 75 percent.					
ASSIGNED INSPECTOR: <u>W. E. Foster</u> <u>9/16/82</u> W. E. Foster, Reactive & Component Program Section (R&CPS) Date					
OTHER INSPECTOR(S): I. Barnes, Chief, R&CPS L. E. Ellershaw, R&CPS; L. B. Parker, R&CPS J. A. Murphy, E. D. Eich (Consultants)					
APPROVED BY: <u>I. Barnes</u> <u>9-16-82</u> I. Barnes, Chief, R&CPS Date					
INSPECTION BASES AND SCOPE: A. <u>BASES</u> : Appendix B of 10 CFR Part 50. B. <u>SCOPE</u> : This inspection was conducted as a result of the receipt by the Nuclear Regulatory Commission of allegations pertaining to implementation and enforcement of the Rockbestos quality assurance program and was performed in conjunction with an investigation by the Region IV Investigation and Enforcement Staff. Investigative findings are contained in Report (cont. on next page)					
PLANT SITE APPLICABILITY: Dockets: 50-412; 50-322; 50-454/455; 50-443/444; and 50-508, and 50-440/441.					

8211290525 821025
PDR GA999 EMVROCK
99900277 PDR

DESIGNATED ORIGINAL
Certified By Rheanne Clark

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.: 99900277/82-02	INSPECTION RESULTS:	PAGE 2 of 8
-------------------------------	------------------------	-------------

SCOPE: No. 99900277/82-01. The main purposes of the inspection were to evaluate identified concerns and to establish whether product verification activities were consistent with applicable codes, contractual and regulatory requirements. To make this determination, the primary areas selected for inspection were manufacturing process control, equipment calibration, test control, shelf life of jacket materials, nonconformances and corrective action, and audits. In addition to the above, a followup inspection was also made in regard to a potential 10 CFR Part 21 report by Rockbestos pertaining to deformation of conductor insulation caused by improper adjustment of printing equipment.

A. VIOLATIONS:

None

B. NONCONFORMANCES:

1. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and paragraph 4.2 of Section 4, dated April 15, 1981, of the Quality Manual, customer procurement document requirements had not been translated into Manufacturing Specifications (MIT's) relative to tests specified in Commonwealth Edison Company Purchase Order No. 258936, dated November 16, 1981.
2. Contrary to Criterion V of Appendix B to 10 CFR Part 50, paragraph III and its subparagraphs 1 through 4 of Quality Procedure No. Q-9, Revision 6, dated December 8, 1981:
 - a. The Extrusion Process Chart - KXL760G-16, dated January 15, 1982, in use at Extruder Machine No. 800, did not contain identification of the individuals who had prepared, reviewed and/or approved, and issued the document. This document reflected criteria for controlling the process.
 - b. Engineering Process Instructions - 1 MEV (805), dated January 25, 1982, in use at Irradiation Machine No. 805, did not contain identification of the individuals who had made, reviewed and/or approved the additional handwritten information reflected therein. This document exhibited criteria for controlling the process.

ORGANIZATION: THE ROCKBESTOS COMPANY
 A MEMBER OF THE MARMON GROUP
 WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

3. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and paragraph 6.1 of Section 6, dated February 1, 1981, of the Quality Manual, extrusion of insulation onto conductors, Reel Nos. 43487, 8, 9 and 43490, was not being accomplished in accordance with Extrusion Process Chart-KXL760G-16, dated January 15, 1982. The actual temperatures being recorded were outside the requirements specified in the Extrusion Process Chart. Examples are as follows:

<u>LOCATION</u>	<u>REQUIRED</u>	<u>ACTUAL</u>	<u>LOCATION</u>	<u>REQUIRED</u>	<u>ACTUAL</u>
Z1	340±10°F	326	Z5	340±10°F	380
Z2	380±10°F	347	D1	350±10°F	371
Z3	340±10°F	358	D2	380±10°F	399

4. Contrary to Criterion V of Appendix B to 10 CFR Part 50, paragraph III and its subparagraph 7 of Quality Procedure No. Q-9, Revision 6 dated December 8, 1981, Product Specifications for extruding and irradiating did not specify the documents (Extrusion Process Chart and Engineering Process Instructions, respectively) being used to perform the activity.

5. Contrary to Criterion V of Appendix B to 10 CFR Part 50, QA Manual Section 13, and Quality Procedure Q-3, the following conditions were identified:

a. Records of calibrations have not been maintained for the 1 MEV and .5 MEV irradiation units. The available records showed the earliest calibration of the instruments as follows:

	<u>1 MEV Unit</u>	<u>.5 MEV Unit</u>
Beam Current Meter	5/23/81	6/5/81
High Voltage Meter	6/15/81	7/20/81
Feet per Minute Meter	11/3/81	10/2/80

The 1 MEV and .5 MEV units have been operational since December 1976, and June 1980, respectively.

b. The calibration records for the spark tester KV meter on the 1 MEV unit showed that it was last calibrated on August 16, 1980, with a due date of August 1981. Records did not indicate that the instrument had been calibrated on an annual basis.

6. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and QA Manual Section 12, the Gravimetric Method of Accelerated Water Absorption Tests, required by certain TDB's, were not performed in accordance with I(P)CEA Standard S-19-81 in that:

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.: 99900277/82-02	INSPECTION RESULTS:	PAGE 4 of 8
<p>a. The TDB's did not address the use of a vacuum oven, and they required a temperature of 75°C which is in excess of the required IPCEA 70°±1°C.</p> <p>b. Observation of in-process Gravimetric Method Tests showed that the vacuum oven was not being used, the controller to the oven being used was set at 75° C while the temperature recording chart was reading 80° C, and the water levels were down by as much as 3 inches from the undersurface of the covers.</p> <p>7. Contrary to Criterion V of Appendix B to 10 CFR Part 50, QA Manual Section 12, and Stone & Webster Engineering Corporation Purchase Order specification, review of TDB 324N for SO 14602-01 (Beaver Valley Power Station, Unit 2) which addresses hypalon jacket testing, revealed the following:</p> <p>a. The tear test failed to meet the required 30 lbs/in. minimum (28) and slab data value of 49 was entered on the TDB in lieu of the required retests. Further, there are no documented means to assure that the first set of six specimens were actually tested.</p> <p>b. The elongation of the air oven aged specimen, expressed as a percentage of the original, failed to meet the required 65% minimum. A slab data value of 90% was entered in lieu of the required retests.</p> <p>c. A duplicate TDB was generated which showed the slab data, but it was not identified as being slab data.</p> <p>8. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and paragraph 12.3 in Section 12 of the QA Manual:</p> <p>a. The Test Data Sheet for Shop Order No. 43327-18 (Shoreham Unit 1, 1/c No. 18 AWG coaxial cable) did not contain instructions which would provide for performance of insulation resistance, oxygen index and copper mirror corrosion tests in accordance with order requirements.</p>		

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.: 99900277/82-02	INSPECTION RESULTS:	PAGE 5 of 8
<p>b. Rockbestos' evaluation of test results for the above Shop Order did not assure that test requirements had been satisfied, as evidenced by:</p> <ol style="list-style-type: none">(1) The failure to identify that an incorrect test voltage had been used for performance of insulation resistance testing;(2) The failure to identify that the number of oxygen index tests required by the applicable specification, ASTM D 2863, had not been performed and reported; and(3) The failure to identify that a Copper Mirror Corrosion Test had been performed for a test duration of 18 hours, and not the 16-hour test period stipulated by the applicable Stone and Webster specification, SNI-129, Revision 2. <p>9. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and Internal Memoranda dated September 5, 1978 and September 29, 1981, there are numerous examples of alterations to test results on TDBs by use of "white-out," rather than the required single line drawn through the data with the initials of the person performing the changes.</p> <p>10. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and QA Manual Section 16, supplementary information such as speed (feet per minute) and milliamps, was not recorded when the disposition "rebeam" was entered on OSR No. 48154 dated May 20, 1982. This OSR was generated as a result of physical test failure after irradiation had been performed on 34,500 feet of conductor from reel number 41445. The "rebeam" operation was in-process when this condition was identified by the NRC inspector.</p> <p>11. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and Quality Procedure Q-13, paragraph 5, the individual(s) responsible for corrective action on Corrective Action Reports QC44EG, QC45EG, and QC46EG did not respond within the required 30-day period.</p> <p>12. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and Quality Procedure Q-5, paragraph D.1, the yellow and white copies of the OSR 56420 had been dispositioned, and the green and manila copies, which were attached to the cable did not indicate any disposition.</p>		

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.:	99900277/82-02	INSPECTION RESULTS:	PAGE 6 of 8
----------------	----------------	------------------------	-------------

13. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and Quality Procedure Q-5, paragraph E.1, OSR's 48159, 56721 and 56337 had the "quantities" section filled in on the green copy, but the green copy had not been inserted in the OSR board with its yellow copy.
14. Contrary to Criterion V of Appendix B to 10 CFR Part 50 and Quality Procedure Q-5, paragraph E.4 note: (1) OSR's 48156, 48159, 56299, 56337, and 56721 have multiple dispositions (some initialled, some not initialled) which leaves the actual disposition of the non-conforming cable questionable; and (2) also on CSR 48159 the amount of cable rejected (2558 feet) does not agree with the actual "quantities" dispositioned (1500 feet).

C. UNRESOLVED ITEMS:

1. Insulation Resistance Tests are conducted on completed cable after the cable has been immersed in water for a period of six hours. There is no requirement to record the time of immersion and the time of test. Consequently, the inspector could not determine that the test had been conducted after the cable had been immersed for six hours.
2. The inspector observed the brazing of conductors in the Stranding Area and noted that the operator measured the conductor of the replacement reel prior to brazing to the conductor of the depleted reel. The brazed area was filed and checked with the fingers; however, it was not apparent that the area was subjected to measurement or a visual inspection or that a procedure existed for accomplishing the task.
3. Validity of performing primary insulation retests for accelerated water absorption (IPCEA S-66-524, EM-60 Electrical Method) and flammability (UL 83, Vertical VW-1) properties, after initial failing test results have been obtained.

Review of primary insulation test data indicated instances where initial EM-60 test results did not meet the requirements listed in the Test Data Sheets. Retests were documented as having been performed and which indicated compliance with the Test Data Sheet requirements. Examination of the IPCEA standard showed, however, no provisions or criteria for performance of retests for this specific test. Similarly, one instance was observed where a UL83, Vertical VW-1 flammability test failed the criteria for flame-out time and burning of indicator on initial test. A retest was identified as having been performed with the results showing compliance with the listed requirements. Examination of the UL 83 specification also showed no retest provisions for this test.

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.: 99900277/82-02	INSPECTION RESULTS:	PAGE 7 of 8
-------------------------------	------------------------	-------------

D. OTHER FINDINGS OR COMMENTS:

1. During the manufacturing process control aspect of this activity, the inspector examined: (1) 9 sections of the Quality Manual; (2) 7 manufacturing specifications; (3) 5 quality procedures; (4) 4 bare copper bills of material; (5) 2 purchase orders; (6) 2 certified test reports; (7) 2 extrusion process charts; (8) 10 labor report tickets-test department; and (9) 1 each (a) manufacturing procedure; (b) final inspection data; (c) test procedure; (d) certificate of conformance; and (e) engineering process instruction. Also, hardware processing was observed at 13 work stations.

As a result of this review, nonconformance items B.1, 2, 3, and 4 and unresolved items C.1, and 2 were identified.

2. Equipment Calibration - This subject was inspected by review of the Quality Program requirements, including the QA Manual, applicable quality and calibration procedures, calibration reports, qualifications of the outside calibration subcontractors, and observation of laboratory equipment, irradiation units, primary standards, spark testing equipment and mechanical measuring devices.

As a result of this review, nonconformance item B.5 was identified.

3. Test Control - This subject was inspected by review of the Quality Program requirements, including the QA Manual, applicable quality procedures, customer requirements, laboratory test data sheets, and observation of in-process electrical and physical testing in the laboratory.

Flame testing was not observed during this inspection; however, a review of the associated documentation was conducted. The Underwriter Laboratory Standard UL-44 states in part, ". . . the test(s) are to be conducted under a forced-draft exhaust hood or cabinet operating to provide removal of smoke and fumes, but avoiding drafts that affect the flame." Review of data and discussion with the QC Manager revealed that the method used by Rockbestos does not provide a static air flow condition throughout the chamber; however, there is a static air flow condition at the point of flame impingement.

ORGANIZATION: THE ROCKBESTOS COMPANY
A MEMBER OF THE MARMON GROUP
WALLINGFORD, CONNECTICUT (E. GRANBY PLANT)

REPORT NO.:	99900277/82-02	INSPECTION RESULTS:	PAGE 8 of 8
----------------	----------------	------------------------	-------------

It should be noted that Rockbestos did not have procedures which address the various tests performed by laboratory technicians. Rather, they use the specific standards which are contractually imposed; e.g., IPCEA, Underwriter Laboratory, and ASTM Standards.

Nonconformance items B.6, B.7, B.8, and B.9 and unresolved item C.3 were identified during this review.

4. Shelf Life of Jacket Materials (Neoprene and Hypalon) - These materials are provided with a manufacturer's shelf life, the date by which the material must be used in order for it to be extrudable. Rockbestos, in turn, establishes a shelf life which is more conservative than the manufacturer's, in an attempt to preclude an excess amount of material from becoming unuseable.

There are times when the shelf life established by Rockbestos is exceeded. The NRC inspector observed some boxes of material which had exceeded the shelf life; however, the material was tagged with an Off-Standard Report. This material would not be used until a sample was extruded in order to determine its suitability. The ability to process an acceptable extrusion has a direct relationship to the shelf life, thus, if the material actually exceeds its shelf life, it will not extrude.

5. Nonconformances and Corrective Action - The OSR System Report for East Granby was examined and 15 OSR's were chosen from the report for examination in detail. The OSR's were chosen from several different departmental codes, with varying "Defect Descriptions," and "Disposition Instructions." Examination of these OSR's and their execution with respect to procedure requirements revealed that East Granby personnel were not following procedures which implemented their nonconformances and corrective actions. See nonconformances B.10 through B.14.

6. Audits - The program implementation of QA Manual Section 19 was evaluated. Ten internal audit reports, and the 1981 and 1982 internal audit schedules were examined and found to be in compliance with the requirements of Section 19.

7. Followup Inspection on Potential 10 CFR Part 21 Report - A potential 10 CFR Part 21 report was filed by the Rockbestos Company regarding two conductor shielded instrumentation cables shipped to WPPSS Nuclear Project 3 under Contract No. 3240-62B. The cable contained points of deformation in the conductor insulation which caused wall thickness at these points to fall below the specification minimum. This deformation was caused by improper adjustment of printing equipment during application of identification printing to overall cable jacket. The Rockbestos Company is presently evaluating this deficiency and has taken measures to correct and prevent recurrence of the problem.

PERSONS CONTACTED

Company Rockbestos Company - E. Granby Plant

^{2/10/84}
4/27-29/82, 5/3-4/82;

Dates 5/24-28/82

Docket/Report N^o. 99900277/82-02

Inspector I. Barnes / L. Ellershaw
W. Foster / L. Parker

Page 1 of 8

NAME (Please Print)	TITLE (Please Print)	ORGANIZATION (Please Print)
G.G. Littlehales	Manager, Quality Assurance	Rockbestos
L. Askew	Plant Quality Control Manager	"
C. O'Conner	Chief Lab Technician	"
B. Sandrini	Shipping Clerk	"
R. Brown	Quality Analyst Supervisor	"
D. Lindsay	Quality Analyst	"
E.S. Reed	Vice President - General Manager	"
C. Pasierbiak	Manager, Technical Services	"
R. Provencher	Supervisor, Maintenance	"
J. Rivers	Foreman, Extrusion & Radiation Dept.	"
H. Kusio	Supervisor, Receiving Inspection	"
J. Miller	Receiving Inspector	"
C.C. Hobson	Lab Technician	"
T.D. Castoe	Lab Technician	"
E.D. Ford	Senior Quality Analyst	"
J.A. Murphy	Senior Research Engineer	Franklin Research Center
E.D. Eich	-	Independent consultant
J.G. Farrell	Superintendent - Base Wire	The Rockbestos Co.
E.H. Fillion	Final Inspector	" " "
R.L. Jendza	Spvr - In Process Inspection	" " "
D. Mainstruck	Sr. Specification Engineer	" " "
P. Moore	Quality Auditor/Analyst	" " "
D.S. Rogowski	Radiation Process Controller	

Scope/Module Followup on Regional RequestDOCUMENTS EXAMINED

Item No.	Type	TITLE/SUBJECT	Date	Revision
1	5	Commonwealth Edison #258936-Triaxial Neutron Monitoring Cable	11/16/81	
2	8	Certificate of Conformance - P.O. No. 258936	2/11/82	
3	8	Certified Test Report - P.O. No. 258936	2/11/82	
4	8	Final Inspection Data for Triaxial Cable, RSS-6-109, Prod Code H44-3202	2/5/82	
5	6	To: B. Cox, From: P. O'Loughlin - Commonwealth Edison P.O. #258936	3/1/82	
6	8	Manufacturing Prod. Specification - Prod Code H44-3202	4/6/82	C
7	8	~ ~ ~ ~ ~ H44-3000	12/8/81	T
8	8	Certified Test Report - P.O. No. 258936 - Prod Code H44-3020	5/3/82	
9	5	United Engineers & Constructors, Inc - P.O. #9763.006-113-5 and associated specifications.	3/22/82	
10	3	No. RTP-0030-3 - Dielectric Strength Test	1/27/81	1
11	8	Bills of Material, RM Code - 41/66022, Tr. 6, '1/31/77;		
		41/32032, Tr. 9, '1/31/77; 41/50012, Tr. 6, '1/31/77; 41/50052,		
		Tr. 8, '1/31/77		
12	8	Mfg Prod Spec, Prod Code IHM-0109	10/30/80	D
13	8	Extrusion Process Chart - KXL 760 G-16	1/15/82	

Document Types:

- | | |
|------------------|---------------------------------|
| 1. Drawing | 5. Purchase Order |
| 2. Specification | 6. Internal Memo |
| 3. Procedure | 7. Letter |
| 4. QA Manual | 8. Other (Specify-if necessary) |

Columns:

- | |
|-----------------------------|
| 1. Sequential Item Number |
| 2. Type of Document |
| 3. Date of Document |
| 4. Revision (If applicable) |

Scope/Module Follow up on Regional RequestDOCUMENTS EXAMINED

Item No.	Type	TITLE/SUBJECT	Date	Revision
14	8	Engineering Process Instructions - 176V (805)	1/25/82	
15	8	Lab. Reporting Tickets - Test Dept., Nos: 25557 ^{5/20/82} ;		
-	-	25597 ^{5/24/82} ; 25486 ^{5/19/82} ; 25593 ^{5/24/82} ; 25525 ^{5/19/82} ; 25526		
-	-	^{5/19/82} ; 25564 ^{5/20/82} ; 25489 ^{5/20/82} ; 25582 ^{5/21/82} ; 25546 ^{5/26/82}		
16	8	Mfg. Prod Spec, Prod Code C06-0020	9/2/81	Q
17	8	- - - - - 103-3614	9/23/81	A
18	8	- - - - - C05-3104	2/25/82	A
19	8	- - - - - 103-5183		
20	3	Quality Procedure, Nos: Q-9, Rev 6 ^{12/8/81} - Document Control;		
-	-	Q-10, Rev 11 ^{2/10/82} - Traceability; Q-2, Rev 6, ^{12/1/81} - Transmittal		
-	-	of Metal/Plastic Tag Information; Q-3, Rev 1 ^{10/26/81} - Spark		
-	-	Testing; Q-6, Rev 10 ^{4/1/82} - Control of TDAs & TDBs		
21	3	No. MP/G 004 - MIT Change Procedure	9/1/81	4
22	4	Sect. Nos: 4, 4/15/81 - Design Control; 6, 2/1/81 - Instructions, Procedures,		
		and Drawings; 7, 1/3/78 - Document Control; 9, 2/1/81 - Identification		
		and Control of Materials, Parts, and Components; 10, 4/15/81 - Control		

Document Types:

- | | |
|------------------|---------------------------------|
| 1. Drawing | 5. Purchase Order |
| 2. Specification | 6. Internal Memo |
| 3. Procedure | 7. Letter |
| 4. QA Manual | 8. Other (Specify-if necessary) |

Columns:

- | |
|-----------------------------|
| 1. Sequential Item Number |
| 2. Type of Document |
| 3. Date of Document |
| 4. Revision (If applicable) |

Inspector L Ellershaw
 Scope/Module Reactive Inspection

DOCUMENTS EXAMINED

Docket No. 99900277
 Report No. 82-02
 Page 5 of 8

1	2	TITLE/SUBJECT	3	4
1	4	QA Manual	4-15-81	-
2	8	Quality Procedures Manual	-	-
3	8	Quality Trend Analysis Report	2-1-82	-
4	8	50 laboratory Test Data Sheets & available worksheets	-	-
5	8	23 Single Conductor Traceability Sheets	Nov Dec 1981	-
6	2	Standard: ICEA S-19-81, NEMA WC 3	-	6 th Edition
7	2	Standard: ICEA S-66-524, NEMA WC 7	-	April 1980
8	3	Procedure Q-24 -- Disposition of Extrusion Compounds Over Shelf Life	4-15-81	3
9	3	Procedure Q-3 - Procedure For Spark Testing	8-23-78	1
10	3	Procedure Q-11 - Procedure For Checking Of Micrometers	8-20-79	5
11	3	Procedure For Calibration of Irradiation Units	6-10-81	-
12	3	Procedure Q-19 - Lab. Sample Testing of Production Orders & Lots	5-1-81 5-15-82	7 8
13	8	Standard UL 44 - Rubber Insulated Wires & Cables - Vertical Flame Test	12-29-77	-
14	8	Standard UL 83 - Thermoplastic Insulated Wires - Vertical Flame Test	7-23-79	-
15	2	Specification SH1-129 "Specification for 300V and 600V Fire Resistant Control and Instrument Cable"	3-30-81	2
16	8	Laboratory Test Data Sheets for Purchase Order 310553-35 & -37.		

Document Types:

- | | |
|------------------|---------------------------------|
| 1. Drawing | 5. Purchase Order |
| 2. Specification | 6. Internal Memo |
| 3. Procedure | 7. Letter |
| 4. QA Manual | 8. Other (Specify-if necessary) |

Columns:

1. Sequential Item Number
2. Type of Document
3. Date of Document
4. Revision (If applicable)

Inspector L. B. PARKER

Scope AUDITS

DOCUMENTS EXAMINED

Docket No. 99900277

Report No. 82-02

Page 6 of 8

Item No.	Doc. Type	TITLE/SUBJECT	Doc Date	Doc Rev
1.	INTERNAL AUDIT SCHEDULE	Audit Schedule 1982	1982	-
2.	"	Audit Schedule 1981	1981	-
3.	4	Section 19 Audits	2/1/81	-
4.	INTERNAL AUDITS	PA# 81-17, 81-16, 82-5, 82-1, Supplemental 2/19/82, 81-2, 81-3, 81-9, 81-11	VARIOUS	-

Document Types:

- 1. Drawing
- 2. Specification
- 3. Procedure
- 4. QA Manual
- 5. Purchas Order
- 6. Internal Memo
- 7. Letter
- 8. Other (Specify-if necessary)

Inspector L. B. PARKER
 Scope NONCONFORMANCES & CORRECTIVE ACTIONS

DOCUMENTS EXAMINED

Docket No. 99900277
 Report No. 82-02
 Page 2 of 1

Item No.	Doc. Type	TITLE/SUBJECT	Doc Date	Doc Rev
1.	COMPUTER PRINTOUT	ROCKBESTOS COMPANY EAST GRANBY OSR SYSTEM REPORT OFF STANDARD RECORD REPORT # 1 BY ORIGIN DEPARTMENT SAME AS 1	5/24/82	-
2.	SAME AS 1	EXCEPT - REPORT # 2 BY ORIGIN ERROR CODE		2
3.		OSMAIROI		
4.		# 4 BY SHOP ORDER		
5.	SAME AS 4.		5/18/82	-
6.	SAME AS 3	NO. Q-5 IN-PROCESS INSPECTION OFF-STANDARD REPORT PROCEDURE	4/21/82	-
7.	3.		11/24/81	9
8.	LIST	EAST GRANBY - OSR DEPARTMENT CODES	5/12/82	-
9.	LIST	EAST GRANBY - OSR ORIGIN CODE DESCRIPTION	5/12/82	-
10.	LIST	EAST GRANBY - OFF STANDARD TREND - COMPLETION CODES RECORDS	5/24/82	-
11.	LIST	EAST GRANBY - OFF STANDARD RECORDS TREND REPORT - REPORT CODES DISPOSITION	5/24/82	-
12.	3	NO. Q-5 IN-PROCESS INSPECTION/OFF-STANDARD REPORT PROCEDURE	5/20/82	10
13.	3	NO. Q-13 CORRECTIVE ACTION REPORT PROCEDURE	4/15/81	3
14.	OFF-STANDARD REPORTS	# 4-815, 48159, 56299, 56337, 56721, 56420, 56287, 56282, 56388, 56297, 56233, 56325, 48154, 56278, 46762, 46763, 56359, 56357	VARIOUS	-
15.	3	NO. Q-13 CORRECTIVE ACTION REPORT PROCEDURE	4/28/82	4
16.	CORRECTIVE ACTION REPORTS	# QC 44EG, QC 45EG, QC 46EG	-	-

- Document Types:
1. Drawing
 2. Specification
 3. Procedure
 4. QA Manual
 5. Purchas Order
 6. Internal Memo
 7. Letter
 8. Other (Specify-if necessary)

Inspector L.B. PARKER

Scope REACTIVE ITEM

DOCUMENTS EXAMINED

Docket No. 99900277

Report No. 82-02

Page 8 of 8

Item No.	Doc. Type	TITLE/SUBJECT	Doc Date	Doc Rev
1	7	From: Rockbestos: FR Postma TO: Elvaco: B. Schützbank Subject: WPPSS 3 Cable D60-01	Apr. 2, 1982	—
2	6	From: Bittlichales GG. to: Attendees Subject & Evaluation of WPPSS 3 Cable D60-01	Mar. 12, 1982	—
3	6	From: B & B Arken TO: Bill Gendry/C.M. O'Connor Subject: Determination of Sample Substrates in WPPSS	3/15/82	—

- Document Types:
- 1. Drawing
 - 2. Specification
 - 3. Procedure
 - 4. QA Manual
 - 5. Purchas Order
 - 6. Internal Memo
 - 7. Letter
 - 8. Other (Specify-if necessary)