



Department of Energy
 Office of Civilian Radioactive Waste Management
 Yucca Mountain Site Characterization Office
 P.O. Box 98608
 Las Vegas, NV 89193-8608

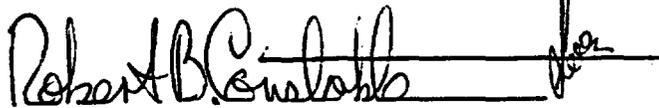
SEP 09 1996

L. D. Foust
 Technical Project Officer
 For Yucca Mountain
 Site Characterization Project
 TRW Environmental Safety Systems, Inc.
 Bank of America Center, Suite P-110
 101 Convention Center Drive
 Las Vegas, NV 89109

VERIFICATION OF CORRECTIVE ACTION AND CLOSURE OF DEFICIENCY REPORT (DR) YM-96-D-018 RESULTING FROM OFFICE OF QUALITY ASSURANCE SUPPLIER AUDIT OQA-SA-96-007 OF METAL SAMPLES, INC.

The Yucca Mountain Quality Assurance Division staff has verified the corrective action to DR YM-96-D-018 and determined the results to be satisfactory. As a result, the DR is considered closed.

If you have any questions, please contact either Robert B. Constable at (702) 794-5580 or Richard L. Maudlin at (702) 794-1302.



Richard E. Spence, Director
 Yucca Mountain Quality Assurance Division

YMQAD:RBC-2594

Enclosure:
 DR YM-96-D-018

- cc w/encl:
- T. A. Wood, DOE/HQ (RW-14) FORS
 - J. G. Spraul, NRC, Washington, DC
 - S. W. Zimmerman, NWPO, Carson City, NV
 - R. L. Strickler, M&O, Vienna, VA
 - B. R. Justice, M&O, Las Vegas, NV
 - R. P. Ruth, M&O, Las Vegas, NV
 - J. A. Blink, M&O/LLNL, Las Vegas, NV
 - R. E. Monks, M&O/LLNL, Livermore, CA
 - Records Processing Center

- cc w/o encl:
- W. L. Belke, NRC, Las Vegas, NV
 - R. L. Maudlin, YMQAD/QATSS, Las Vegas, NV
 - D. G. Sult, YMQAD/QATSS, Las Vegas, NV
 - D. G. Horton, DOE/OQA, Las Vegas, NV

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OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

8 Performance Report
 Deficiency Report
4m-96-D-018
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9/5/95
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PERFORMANCE/DEFICIENCY REPORT

1 Controlling Document:
QOP-008, Revision: New

2 Related Report No.
OQA-SA-96-007

3 Responsible Organization:
Alabama Specialty Products, Inc. (Metal Samples Co.)

4 Discussed With:
Rick Douglas, Kirk Douglas

5 Requirement/Measurement Criteria:

QOP-008, Paragraph 3.1, states in part: "Whenever a nonconformity is identified, it is documented on an anomaly report... The third section of the form is where the cognizant manufacturing supervisor/foreman identifies....how to preclude similar nonconformities in the future."

6 Description of Condition:

Contrary to the above, two work orders (WO) (WO# 112356-99 and 112282-99) identified nonconforming conditions; however, no objective evidence in the form of Anomaly Reports could be provided which addressed the nonconforming conditions noted in the two work orders.

Also, Anomaly Report for Job No. 110018-97 did not identify actions to preclude future nonconformities.

7 Initiator *Richard L. Maudlin*
Richard L. Maudlin Date 12/12/95

9 QA Review
QAR *Richard L. Maudlin* Date 12/18/95

10 Response Due Date
20 Working Days from Issuance

11 QA Issuance Approval
QAR (PRI/AOQAM (DRI) *Robert Bonstable* for Date 12-20-95

12 Remedial Actions:

See page 2 of 2

13 Remedial Action Response By:
Date

14 Remedial Action Due Date
Date

15 Remedial Action Response Acceptance
QAR Date

16 PR Verification/Closure
QAR Date

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DEFICIENCY REPORT

17 Recommended Actions:

Perform an investigation to determine the impact on quality due to not documenting nonconformities on Anomaly Reports. Identify the cause and action taken to preclude recurrence.

18 Investigative Actions:

1. Reviewed ALABAMA SPECIALTY PRODUCTS' QUALITY ASSURANCE MANUAL, ISO 9001-1994 section 4.13, "Control of Nonconforming Product", and procedure QOP-008 "Control of Nonconforming Products".
2. Receiving, processing, and inspection personnel were questioned as to what occurred in this instance, and what normally occurs when similar conditions are identified.

19 Root Cause Determination:

1. Some phrases in QOP-008 are unsuitable and should be re-written.
2. The phrases in QOP-008 which are suitable (i.e. identification of root cause, actions to correct and preclude recurrence) were insufficiently implemented and disciplined.
3. Lack of internal quality audits caused failure to identify the deficiencies.

20 Action to Preclude Recurrence:

1. Correct unsuitable phrases in the documented procedure.
2. Re-implement the revised procedure by training of appropriate personnel (i.e. Receiving Clerk, Q.A. Inspectors, Manufacturing Assistant, etc.).
3. Implement internal quality audits to evaluate effectiveness of implementation.

<p>21 Response by: F.A. "Rick" Douglas <i>Rick Douglas</i> Date 01-11-96</p>	<p>22 Corrective Action Completion Due Date: 29 March, 1996</p>
<p>23 Response Accepted QAR <i>M. Farrell</i> Date 2/1/96</p>	<p>24 Response Accepted AQQAMM <i>Rick Douglas</i> Date 2-7-96</p>
<p>25 Amended Response Accepted QAR _____ Date _____</p>	<p>26 Amended Response Accepted AQQAMM _____ Date _____</p>
<p>27 Corrective Actions Verified QAR <i>M. Farrell</i> Date 09/05/96</p>	<p>28 Closure Approved by: AQQAMM <i>Rick Douglas</i> Date 9-6-96</p>

A. ALABAMA SPECIALTY PRODUCTS, INC.	
Work Instruction	No. 13.1 - 1
SUBJECT: INITIATION & USE OF ANOMALY REPORTS	Page: 1 of 5 Rev.: -2-

13.1.1 PURPOSE:

13.1.1.1 This instruction provides direction and guidance for the initiation, use, completion and close-out of our ALABAMA SPECIALTY PRODUCTS, INC. ANOMALY REPORT. This procedure supplements Operational Procedure No. 13.0 - 1, CONTROL OF NONCONFORMING PRODUCT, is in compliance with Section 13.0, CONTROL OF NONCONFORMING PRODUCT, found in our Quality Assurance Manual.

13.1.2 POLICY:

13.1.2.1 This procedure shall be strictly adhered to whenever a nonconformance in product or process is identified.

13.1.3 INITIATION:

13.1.3.1 Whenever nonconforming product is presented for inspection, or whenever Q.A. personnel find that a procedure is not being followed on the manufacturing floor, an ANOMALY REPORT shall be initiated by the assigned Q. C. Inspector. For nonconformances identified during Receiving Inspection, refer to Operational Procedure No. 10.1 - 1, RECEIVING INSPECTION (Receiving Clerk), for guidance. When nonconformances are identified by other than Q. A. Personnel, the work area Supervisor and the assigned Q. C. Inspector are notified to ensure that proper action is taken.

13.1.3.2 The Q. C. Inspector, or during Receiving Inspection, Receiving Clerk, determines whether or not an Anomaly Report is necessary, based on the magnitude of the identified nonconformance.

Examples:

a. Four nonconforming coupons are found on the manufacturing floor. Coupon one has an oversized hole, coupon two is too narrow, and coupons three and four display poor surface finish due to lack of full surface clean-up. These nonconforming coupons have been identified with their individual deficiencies, and the rejects have been accounted for on the route portion of the Work Order by the Operator. The nonconforming coupons have also been segregated from the acceptable coupons being processed for that job. An Anomaly Report is NOT Required.

b. Four nonconforming coupons are found during Final Inspection. Coupon one has an oversized hole, coupon two is too narrow, and coupons three and four display poor surface finish due to lack of full surface clean-up. None of these nonconforming coupons have been identified with their individual deficiencies, the nonconforming coupons have not been accounted for on the route portion of the Work Order, and they are mixed in with the acceptable coupons.

An Anomaly Report IS Required.

5/30/91 DOUGLAS TO MAUDLIN

ALABAMA SPECIALTY PRODUCTS, Inc.	
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c. Four nonconforming coupons are found during Final Inspection. Coupon one has an oversized hole, coupon two is too narrow, and coupons three and four display poor surface finish due to lack of full surface clean-up. These nonconforming coupons have been identified with their individual deficiencies, and the rejects have been accounted for on the route portion of the Work Order by the Operator. The nonconforming coupons have also been segregated from the acceptable coupons that were processed for that job.

An Anomaly Report is NOT Required.

13.1.3.3 In the event an Anomaly Report is required, the assigned Q.C. Inspector, or during Receiving Inspection, the Receiving Clerk, initiates the ANOMALY REPORT by filling in the Part Name, the Part No. and Revision, the Job No., the Customer No., the Sample Size and, if it is nonconforming purchased goods, the Vendor Name, P.O. number and Receiving Report No.

NOTE: Anomaly Reports are designed and shall be used to identify incapable processes, insufficient work instruction, insufficiently trained personnel, multiple parts which do not meet the requirements of the associated drawing, and design deficiencies. There will be instances when coupons may be too thin due to material availability, or customer supplied material problems. In these instances an Anomaly Report is NOT required. There will be instances when nonconforming product will be found on the manufacturing floor. When the nonconforming product is properly identified with the specific deficiency, and its Job Number, an Anomaly Report is NOT required. If that nonconforming product is not identified and segregated until Final Inspection, an Anomaly Report IS required.

13.1.3.4 The initiator now completes the ITEM NO., QTY., CHARACTERISTIC and ACTUAL DEFECT columns as follows:

a. The ITEM NO. block is simply a line item identifier for any given nonconformance. For instance; let's say that in our sample we have identified three anomalies (undersize O.D., oversize chamfer and undersize counterbore). This situation would require three (3) ITEM NOs. listed sequentially.

b. The QTY. block is simply the quantity of parts containing the same anomaly (4 parts - undersize O.D., 2 parts - oversize chamfer, and 16 parts - undersize counterbore). This situation requires the recording of three different quantities in the QTY. blocks adjacent to their respective ITEM NO..

c. The CHARACTERISTIC block identifies the required characteristic (i.e. ITEM NO. 1 = $\text{O } 2.250 \pm .005$; ITEM NO. 2 = $1/16 \pm 1/32 \text{ X } 45^\circ \pm 2^\circ$ chamfer; and ITEM NO. 3 = $\text{O } .375 \pm .005 \text{ X } .062 \pm .005$ counterbore). These three characteristics are recorded in the three separate CHARACTERISTIC blocks adjacent to their respective ITEM NO. and QTY. blocks.

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d. The ACTUAL DEFECT block is used to record the actual measurement of the nonconforming characteristic (i.e. ITEM NO. 1 = O 2.243; ITEM NO. 2 = .065 X 50° chamfer, and ITEM NO. 3 = O .375 X .070 counterbore). These actual measurement results are recorded in their appropriate ACTUAL DEFECT block.

13.1.3.5 After completing entries into the above described four(4) columns, the Q. C. Inspector, (or the Receiving Clerk), initials and dates the ANOMALY REPORT in the lower, right-hand corner of the ACTUAL DEFECT block, checks the appropriate "MSC", "ALT" or "ARD" block at the bottom of the form, removes the hard (last) copy of the report and places it with the nonconforming product in the "Awaiting Disposition" area, and places the remainder of the report in the provided tray adjacent to "Awaiting Disposition" area. As appropriate, the Manufacturing Assistant, work area Supervisor, or the cognizant Purchasing Agent shall be notified of the Anomaly Report and that they are required to respond within twenty-four (24) hours of notification.

13.1.4 SUPERVISOR RESPONSE:

13.1.4.1 The appropriate Manufacturing Assistant, work area Supervisor, or Purchasing Agent (respondent) shall, upon notification of the ANOMALY REPORT from the Inspector or Receiving Clerk, work with the individual who identified the listed nonconformity(s) to identify the cause of the nonconforming condition(s). The respondent refers to the ITEM NOs. assigned by the initiator of the report and records those numbers in the second set of ITEM NO. blocks. Adjacent to each of the recorded ITEM NOs., the respondent will assign a DEFECT CODE number (found near the bottom of the form to generically described what caused each of the listed nonconformities (ITEM NO. 1, DEFECT CODE = 04; ITEM NO. 2, DEFECT CODE = 01; ITEM NO. 3, DEFECT CODE = 09).

13.1.4.2 In the MANUFACTURING SUPERVISOR RESPONSE block, the respondent describes what will be done to correct the specific ITEM NO. nonconformity, what will be done to preclude it from occurring again and when the corrective action is expected to be implemented. This will be done for each of the identified nonconformances listed on the report.

13.1.4.3 When the respondent completes the required entries into the above described three (3) columns (ITEM NO.; DEFECT CODE; and MANUFACTURING SUPERVISOR RESPONSE), the respondent shall sign and date the block labeled "MANUFACTURING SUPERVISOR". The respondent will then forward the completed form to the Q. C. Manager or Compliance Director for formal disposition. (see Operational Procedure No. 13.0 -1, CONTROL OF NONCONFORMING PRODUCT for information regarding formal disposition).

13.1.5 DISPOSITION and RECORD:

13.1.5.1 Upon receipt of the ANOMALY REPORT from the respondent, the Q. C. Manager, or designated alternate, works with the respondent and the cognizant Salesperson to determine disposition of the product as described in Operational Procedure No. 13.0 - 1, CONTROL OF NONCONFORMING PRODUCT.

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13.1.5.2 Immediately following the disposition decision, the Q. C. Manager retrieves the hard copy of the ANOMALY REPORT from the affected product, reassembles the report and records the disposition(s), by ITEM NO., using the DISP. CODEs listed on the form, adjacent to the ITEM NO. and DISPOSITION blocks. Quantities accepted or rejected, any special notes or pertinent comments regarding the disposition(s) are recorded in the DESCRIPTION/COMMENTS block on the ANOMALY REPORT.

13.1.5.3 When the disposition is REWORK (or repair), the Q. C. Manager, or designated alternate, notifies the Production Control Supervisor (see 6.0, below) that rework is required to complete the order. After removing the hard copy from the back of the Anomaly Report and attaching it to the Work Order, the remainder of the Anomaly Report is placed in a "Pending" file until the rework/repair is complete. When disposition is anything other than repair or rework, the Q. C. Manager files the "Pink" and "Hard" copies of the Anomaly Report in a pending file until the next lot of the same part number is completed and distributes the white, yellow, and green copies to the affected work area Supervisor, the Work Order, and the cognizant Salesperson in accordance with (IAW) 13.0 - 1, CONTROL OF NONCONFORMING PRODUCT.

13.1.5.4 When the repair or rework is completed, or when the next lot of "the same part number" product is completed, the initiator of the associated Anomaly Report, or the Q. C. Manager, will verify whether or not the corrective action(s) taken by the respondent was effective. When the cognizant Q. C. Person is confident that the corrective action(s) is effective, the associated ANOMALY REPORT is retrieved from the "Pending" file and the person verifying the corrective action signs and dates the ACTION VERIFIED block on the ANOMALY REPORT and presents the report to the Q. C. Manager for close-out.

13.1.5.5 The Q. C. Manager presents the completed ANOMALY REPORT to the cognizant salesperson who signs and dates the report in the SALESPERSON/DATE space provided. The Q. C. Manager then signs and dates the report in the QUALITY ENG./DATE space provided. This closes the report out. Now, the Q. C. Manager, or designated alternate, distributes the copies of the Anomaly Report as listed in Operational Procedure No. 13.0 - 1, CONTROL OF NONCONFORMING PRODUCT.

13.1.6 REPAIR or REWORK:

13.1.6.1 Upon notification of the need for Rework, the Production Control Clerk, with the assistance of the affected Work Area Supervisor, will add a "Rework" Operation No. To the end of the Work Order. This Operation No. Will be used by all personnel performing the rework (to include inspection personnel). Upon completion of rework and successful re-inspection, the Anomaly Report is closed-out in accordance with 13.1.5.4 and 13.1.5.5 above.

NOTE: *In those cases where the original Work Order was closed out before the need for rework was identified, the Production Control Clerk shall initiate a Rework Order in accordance with Work Instruction No. 9.1-1, PREPARATION of WORK ORDERS.*

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13.1.6.2 The Production Control Clerk and the work area Supervisor (where the work will be performed) now enter any special instructions, notes or describe any concerns they may have regarding the rework in the "NOTES" blank on the REPAIR/REWORK ORDER. Next, the work center(s) is identified in the "WC" space(s), the operation number(s) is assigned and entered into the "OPN" space(s), and a brief description(s) of the operation(s) is entered in the blank area between the Work Center ("WC") space and the "QTY. FWD." space. The REPAIR/REWORK ORDER is now electronically printed and is ready for use.

13.1.6.3 The work area Supervisor now proceeds to the location shown on the REPAIR/REWORK ORDER, retrieves the affected nonconforming product and processes the Rework/Repair Order in the same manner as any other Work Order.

13.1.6.4 When the Rework/Repair operation(s) is completed and has been in-process inspected, and the inspection results have been recorded by the operator, the product is presented to cognizant Q. C. Inspector with the REPAIR/REWORK ORDER and any other pertinent paperwork for final acceptance. (see 13.1.5.4 of this Instruction).

13.1.7 ADDITIONAL INFORMATION

- 13.1.7.1** Operational Procedure No. 09.1 - 4, PROCESSING WORK ORDERS
- 13.1.7.2** Operational Procedure No. 10.0 - 1, RECEIVING INSPECTION (General)
- 13.1.7.3** Operational Procedure No. 10.0 - 2, IN-PROCESS INSPECTION (General)
- 13.1.7.4** Operational Procedure No. 10.0 - 3, FINAL INSPECTION (General)
- 13.1.7.5** Operational Procedure No. 10.1 - 1, RECEIVING INSPECTION (Receiving Clerk)
- 13.1.7.6** Operational Procedure No. 13.0 - 1, CONTROL of NONCONFORMING PRODUCT (General)

Prepared/Revised By: Larry Braden	Reviewed By: F. A. Douglas	Approved By: F. A. Douglas	Date: 03-27-96
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A BAMA SPECIALTY PRODUCTS, .
Work Instruction
Revision Sheet for:
INITIATION & USE OF ANOMALY REPORTS, 13.1 - 1

Rev.	Nature of Change	Name	Date
NEW	Initial Release	RD	06-06-94
-1-	Renumbered the document from: "QWI-008" To: "13.1 - 1", re-labeled document from: "Detailed Work Instruction" to: "Operational Procedure". Entire document was rewritten to better describe how our Anomaly Reports are actually initiated and used. These changes were made to align this procedure with our revised Quality Assurance Manual and ISO 9001-1994.	RD	01-26-96
-2-	Re-labeled from: "Operational Procedure" to: "Work Instruction" to minimize confusion between general Procedures and specific task instructions. Paragraph 13.1.6.1 was rewritten to better clarify how Rework is routed back to the affected Work Area.	LB	03-27-96

Alabama Specialty Products, Inc. Acknowledgement Statement

I, the undersigned, have read, have been instructed in, and fully understand the contents of, and the actions required by Work Instruction No. 13.1-1, INITIATION and USE of ANOMALY REPORTS. I also understand that it is my responsibility to follow this procedure/instruction, without deviation or modification, unless directed otherwise by written, signed direction.

NAME	DEPT./DIV.	DATE
<i>Jeff Caputo</i>	300	5-16-96
<i>Shen Sutton</i>	ARD/YAG	5-16-96
<i>Charles Johnson</i>	ARD	5-16-96
<i>Donna Johnson</i>	300	5-16-96
<i>Jan Wibe</i>	QC	5-16-96
<i>Rory Bond</i>	QC	5-16-96
<i>RENNIE SMITH</i>	YES	5-16-96
<i>Frankie Jones</i>	Production	5-16-96

Alabama Specialty Products, Inc.
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I, the undersigned, have read, have been instructed in, and fully understand the contents of, and the actions required by Work Instruction No. 13.1-1, INITIATION and USE of ANOMALY REPORTS. I also understand that it is my responsibility to follow this procedure/instruction, without deviation or modification, unless directed otherwise by written, signed direction.

NAME	DEPT./DIV.	DATE
Don Phelps	welding	5-16-96
Danell Smith	Finishing	5-16-96
Dave Thacker	Machine Shop	5-16-96
Bennie Calloway	E OM	5-16-96
Paul L. Hamner	J. I.	5-16-96
Tommy Smith	Finishing	5-16-96
Ernest Thomas	F.M.	5-16-96
Ken Duncan	P.C.	5-16-96

ALABAMA SPECIALTY PRODUCTS, INC.

ANOMALY REPORT

PART NAME Connector Adapter	PART NO. / REV. PK16004159	JOB NO. 123629-0
CUST. NO.	SAMPLE SIZE 20/148	VENDOR NAME / P.O. # / RECEIVER # Metal Samples

ITEM NO.	QTY.	CHARACTERISTIC	ACTUAL DEFECT
1	148	Threads Angle 30°	Burrs on Threads and Hex (44 pcs) 37° to 44°
<i>K.T. 8-7-96</i>			

ITEM NO.	DEFECT CODE	MANUFACTURING SUPERVISOR RESPONSE	MANUFACTURING SUPERVISOR																
1	02	Tool wear - burr started. We fixed by Rolling on Grinder 37° to 44° Angle Not Critical - ECN DRAWING.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">SIGN <i>Jeff Carpenter</i></td> <td style="width: 30%;">DATE 8-12-96</td> </tr> <tr> <td colspan="2" style="text-align: center;">ACTION VERIFIED</td> </tr> <tr> <td>VALIDATOR <i>[Signature]</i></td> <td>DATE 8-12-96</td> </tr> <tr> <td colspan="2" style="text-align: center;">VALIDATION SUPERVISOR</td> </tr> <tr> <td colspan="2" style="text-align: center;">CORRECTIVE ACTION</td> </tr> <tr> <td>REQ'D <input type="checkbox"/></td> <td>NOT REQ'D <input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2">C/A NO. _____</td> </tr> <tr> <td>SIGN <i>[Signature]</i></td> <td>DATE 8-13-96</td> </tr> </table>	SIGN <i>Jeff Carpenter</i>	DATE 8-12-96	ACTION VERIFIED		VALIDATOR <i>[Signature]</i>	DATE 8-12-96	VALIDATION SUPERVISOR		CORRECTIVE ACTION		REQ'D <input type="checkbox"/>	NOT REQ'D <input checked="" type="checkbox"/>	C/A NO. _____		SIGN <i>[Signature]</i>	DATE 8-13-96
SIGN <i>Jeff Carpenter</i>	DATE 8-12-96																		
ACTION VERIFIED																			
VALIDATOR <i>[Signature]</i>	DATE 8-12-96																		
VALIDATION SUPERVISOR																			
CORRECTIVE ACTION																			
REQ'D <input type="checkbox"/>	NOT REQ'D <input checked="" type="checkbox"/>																		
C/A NO. _____																			
SIGN <i>[Signature]</i>	DATE 8-13-96																		

DISP. CODE	ITEM NO.	DISPOSITION	DESCRIPTION/COMMENTS
1 = USE AS IS	148	1-3	REWORK THREADS - ANGLES NON-FUNCTIONING & OK AS IS THIS ORDER.
2 = SCRAP			
3 = REWORK			
4 = RETURN TO VENDOR			
5 = REGRADE			THREADS OK AFTER REWORK. <i>As</i> 8-19-96

SALESPERSON / DATE *[Signature]*
QUALITY ENG. / DATE *[Signature]* 8-12-96

CODE	DEFECT	CAUSE	CODE	DEFECT	CAUSE
01	OPERATOR/INSPECTOR ERROR		07	IMPROPER/INSUFFICIENT WORK INSTRUCTIONS	
02	TOOL WEAR		08	DAMAGED DURING MOVEMENT BETWEEN OPERATIONS	
03	TOOL BREAKAGE		09	SET-UP	
04	CNC TAPE ERROR		98	OUTSIDE VENDOR	
05	FIXTURE/GAGING	ERROR/WEAR	99	UNABLE TO DETERMINE. UNDER INVESTIGATION	
06	MACHINE MALFUNCTION		100	OTHER	

MSC
 ALT
 ARD

OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

8 Performance Report
 Deficiency Report

NO. YM-96-D-018

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PR/DR CONTINUATION PAGE

EVALUATION AND CLOSURE OF DR YM-96-D-018

A review of Alabama Specialty Products, Inc. Work Instruction 13.1-1, Revision 2, "Initiation & Use of Anomaly Reports" (Replaces QWI-008) and the attached personnel training record has been completed. Based on these submittals and the review, it has been determined that this action provides acceptable resolution to the noted adverse condition. The completion of the audits noted in your response will be evaluated during future audits of Metal Samples, a subsidiary of Alabama Specialty Products. No further action is required.

As a result, no further action is required in resolution to this DR. This DR is considered closed.


R.L. Maudlin

09/05/96
Date