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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## DEVIATION AND NONCONFORMANCE REPORT

PAGE 1 OF 1

PURCHASE ORDER NO. 650018		PROJECT NO. 20-3606-109		JOB REQUEST NO.		DNR NO. 90-008	
ITEM NAME OR ACTIVITY Receipt of IWPE Test Materials				ACTIVITY PERFORMED BY CNWRA/06			
ITEM DESCRIPTION (S/N, MODEL, WELD, SITE, ELEMENT NAME, REGULATION, TEST, ETC.) Copper alloys CDA 102, CDA 613, CDA 715							
DESCRIPTION OF DEVIATION OR NONCONFORMANCE Materials were purchased "critical, QVL Not Required" from a non-QVL vendor, however, certifications were not validated upon receipt as the basis of acceptance.							
PROBABLE CAUSE OF DEVIATION OR NONCONFORMANCE Improper routing of materials at receipt.							
ORIGINATOR (NAME) R. Brient					DATE 5/24/90		
ACTION TO CORRECT DEFICIENCY Validate certifications through chemical analysis by a qualified vendor.							
ACTION TO PREVENT RECURRENCE None required, Procurement and receiving requirements have been clarified by issuance of QAP-006.							
CORRECTIVE ACTION TO BE TAKEN BY (NAME) R. Brient / N. Sridhar				TARGET DATE FOR INITIATION OR COMPLETION June 30, 1990			
DISPOSITION ACCEPT <input type="checkbox"/> REWORK <input type="checkbox"/> SCRAP <input type="checkbox"/> RETURN TO VENDOR <input type="checkbox"/> HOLD <input type="checkbox"/> OTHER (SPECIFY) <input checked="" type="checkbox"/>							
BASIS FOR DECISION OR NOTES Acceptance of materials is contingent upon results of the chemical analysis.							
LIST OF ATTACHMENTS					STATUS: <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> CLOSED		
ELEMENT MANAGER (SIGNATURE) <i>[Signature]</i>		DATE 5/30/90		DISTRIBUTION: DIRECTOR OF QA ORIGINATOR ELEMENT MANAGER (PROJECT FILES) PERSON RESPONSIBLE FOR CORRECTIVE ACTION			
DIRECTOR OF QA (SIGNATURE) <i>[Signature]</i>		DATE 5/30/90					

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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

To: DNR 90-008 File

June 28, 1990

From: R. D. Brient *RDB*

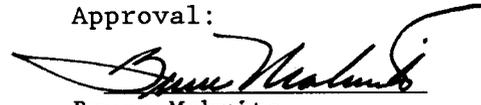
Subject: Status of Corrective Action

DNR 90-008 identified three copper alloys which had been obtained for IWPE activities without proper verification of chemical analysis. Since the DNR was initiated, analysis results (performed by qualified vendor Chas. A. Kawin, Co.) for two of the alloys (613 and 715) were located in SwRI Division 06. These analyses have been provided to the Center and appropriate entries in the receiving records were made.

A sample of the remaining alloy (102) was sent to Kawin, but to date, results have not been received. To allow for this delay, the DNR target date for completion is hereby extended to July 15, 1990. No work with this alloy is planned in the near term, so no adverse impacts result.

cc: N. Sridhar

Approval:



Bruce Mabrito  
Director of QA

6/28/90  
Date

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# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

To: DNR 90-008 File

July 9, 1990

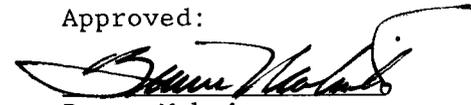
From: R. Brient *RB*

Subject: Close-out

Based on the satisfactory results of the chemical analysis of the CDA-102 material, lot number 6681, this material is acceptable for use and the DNR is closed out. Analysis for alloys CDA 613 and CDA 715 had been conducted prior to initiation of the DNR and are acceptable as indicated by the memo to the DNR file of June 28, 1990.

cc: N. Sridhar

Approved:



Bruce Mabrito

7/9/90  
Date

RCV BY: S W R I

7- 3-90 10:28

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51268451115122: # 1

PHONE: (708) 865-0400  
FAX: (708) 865-0430

2871 GARDNER ROAD, BROADVIEW, ILLINOIS 60153

# CHARLES C. KAWIN COMPANY

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METALLURGICAL LABORATORIES

CHEMISTS • MECHANICAL TESTING • METALLOGRAPHERS • CONSULTANTS  
MAILING ADDRESS / P.O. BOX 310 / MAYWOOD, ILLINOIS 60153

Southwest Research Institute P.O. Drawer 28510 San Antonio, TX 78284 Attn: Harold Saldana	DATE: 7/3/90 DESCRIPTION: Release Order 83152 S/O 83152 CDA 102
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Lab 1058 NF

Specifications for CDA-102

Copper	99.95	99.95 (minimum)
Phosphorous	.001	—
Sulphur	.002	—
Oxygen	.0041	—

CHARLES C. KAWIN COMPANY

