

# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

## NONCONFORMANCE REPORT

Page 1 of 4  
39/43

Project No. 20-1402-461

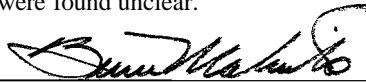
NCR No. 98-01

### PART 1: DESCRIPTION OF NONCONFORMANCE

Contrary to Quality Assurance Procedure-002, Review of CNWRA Documents, Reports, and Papers, no editorial review was accomplished on Intermediate Milestone 20-1402-461-840 prior to submitting to CNWRA Quality Assurance for Verification of Compliance. The document is titled "CNWRA Ground Magnetic Surveys in the Yucca Mountain Region, Nevada in 1996-1997" and is a numbered CNWRA report. The requirement in QAP-002, paragraph 4.1.2, reads: "Intermediate and Major Milestone deliverable items shall be edited to enhance and improve writing style, grammar and punctuation, and to assure that the intent of the writing is effectively communicated. Other documents, as determined necessary, shall be edited by the Element Manager." This numbered CNWRA report was written by S.L. Magsino, C. Connor, et. al.

This oversight was noted during the CNWRA QA Verification of Compliance when some "sentence sampling" was accomplished and the sentences were found unclear.

Initiated by: Bruce Mabrito



Date: 1/19/98

### PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition: - SEND REPORT FOR EDITORIAL REVIEW

Basis of Disposition: REPORT SENT TO PUBLICATIONS DEPARTMENT FOR EDITORIAL REVIEW

Action to correct nonconformance: - REPORT SENT TO SWRI EDITORIAL SEE ATTACHED

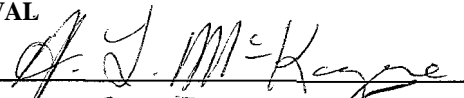
Target date for completion: 1/21/98

Proposed by: Larry McKague

Date: 1/21/98

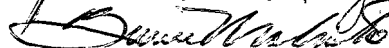
### PART 3: APPROVAL

Element Manager:



Date: 1/21/98

Director of QA



Date: 1/26/98

Comments/Instructions:

### PART 4: CLOSE OUT

Comments: See completion of editor's review - objective evidence is "Conky & Cathy" and Form Document completed and sent out.

Verified by:



Date: 1/27/98

Distribution:

L. McKague

B. Sagar

H. Garcia

original to 1998 NCR Folder



**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES**  
**DOCUMENT REVIEW REQUEST AND TRANSMITTAL CONTROL (REF. OAP-002)**

Page 2 of 4  
40/43

**I. DOCUMENT INFORMATION**

a. TITLE: CNWRA Ground Magnetic Surveys in the Yucca Mountain Region, Nevada (1996-1997)

b. DOCUMENT TYPE

<input checked="" type="checkbox"/> Technical Report	<input type="checkbox"/> AP	<input type="checkbox"/> RPD	<input type="checkbox"/> Paper/Presentation *	<input type="checkbox"/> Project/Test Plan
<input type="checkbox"/> Guidance Document	<input type="checkbox"/> TOP	<input type="checkbox"/> CQAM/QAP	<input type="checkbox"/> OPs/Work Plan	<input type="checkbox"/> Proposal

\* Conference/Journal Title: \_\_\_\_\_

Special Markings (such as "Predecisional" or "Proprietary") Yes \_\_\_\_\_ No

c. PROJECT INFORMATION

Project No. 20-1402-461 Milestone No. 20-1402-461-840 Subject Code 713.4

CNWRA DOCUMENT NO. Yes  No \_\_\_\_\_ Assigned No. CNWRA 98-01

d. SCHEDULE Today's Date 12/22/97 Scheduled Transmittal Date 02/18/98

**II. RESPONSIBILITIES** (Fill in names on each blank line in this section.)

Author(s) Connor et al. Element Manager H. Lawrence McKague

Assigned Secretary Annette Mandujano Editor Cashy & Colby

**III. REVIEW** (See QAP-002 table 1 for applicable review types)

Review Types & Reviewers Determined by Element Manager H. Lawrence McKague 12/23/97  
 (EM Signature) (Date)

	Reviewer(s)	Rec'd Date	Initials	Completed
<input checked="" type="checkbox"/>	TECHNICAL (Attach CNWRA form QAP-12.) Reviewer(s): <u>Michael P. Miklas</u>	<u>1/22/98</u>	<u>MPM</u>	<u>12/30/97</u>
<input type="checkbox"/>	PEER (Attach CNWRA form QAP-13.) Reviewer(s):			
<input type="checkbox"/>	CONCURRENCE Reviewer:			
<input type="checkbox"/>	QA Reviewer:			
<input checked="" type="checkbox"/>	PROGRAMMATIC Reviewer: <u>Budhi Sagar</u>	<u>1/23/98</u>	<u>Bu</u>	<u>1/13/98</u>
<input checked="" type="checkbox"/>	FORMAT Reviewer: <u>Bonnie Coudle</u>	<u>1/30/98</u>	<u>BC</u>	<u>1/14/98</u>
	Verification of Compliance with QAP-002		<u>Sen</u>	<u>1/21/98</u>

**IV. TRANSMITTAL**

TO: P. Justus & Tracy FROM: H.L. McKague

COPIES TO: (Add/delete names as required using current information in "Guidelines for Minimum Distribution of CNWRA Correspondence.")

Distribution (listed below)

- |                        |                  |                             |                        |
|------------------------|------------------|-----------------------------|------------------------|
| <u>J. Linehan</u>      | <u>J. Austin</u> | <u>W. Patrick</u>           | <u>B.E. Hill</u>       |
| <u>S. Fortuna</u>      | <u>M. Bell</u>   | <u>CNWRA Directors</u>      | <u>J.A. Stamatakis</u> |
| <u>B. Stiltenspole</u> | <u>J. Thoma</u>  | <u>CNWRA Elem. Managers</u> | <u>P.C. La Femina</u>  |
| <u>B. Meehan</u>       |                  | <u>S. Rowe</u>              | <u>D.A. Suns</u>       |
| <u>J. Greeves</u>      |                  | <u>S.L. Magsino</u>         | <u>R.H. Martin</u>     |
| <u>M. Federline</u>    |                  | <u>C.B. Connor</u>          |                        |

*page 3 of 4*  
*41/43*

**Completeness / Review to ensure that all are included:**

- Table of contents
- Lists
- Page numbers
- Figure captions

- Document is complete
- Author identified
- Disk copy supplied
- Figures/tables attached
- 3 working days available for review

**Integrity**

- Table of contents agrees with headings
- List of figures/tables agree with titles / captions
- Page
- Figures/tables referenced in text are included
- Number sequences are consecutive / no gaps
- Refere
- Acronyms defined at first mention / consistent throughout

**Basic Language / Mark text errors including:**

- Misspellings
- Subject / verb disagreement
- Incomplete sentences
- Missing terms / words
- Awkward statements
- 

**Format / Mark for CNWRA specifications, ensure consistency for:**

- Heading format as per *Style Guide*
- Capitalization of terms
- Word compounding
- Symbols, abbreviations, units of measure
- Parallelism of headings
- References

**Full Language / Review / mark to improve, especially:**

- Grammar
- Usage
- Transitional words and phrases
- Parallelism of bullet or list items
- Proper use of description, *exposition*, *narrative*, and argument and their effect on verb tense and person

**Tables / Figures / Mark to ensure adequate detail, including:**

- Spelling
- Abbreviations
- Units of measure
- Curves, data points, ordinates are identified

**Substan**

- 
- m
- 

Inconsistencies / Search and Replace Items (Some may require "Author Decision")	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

**General comments about marks**

**Survey of marked corrections:**  
 On 5 consecutive pages: \_\_\_\_\_  
 Punctuation \_\_\_\_\_  
 Grammar \_\_\_\_\_  
 Format \_\_\_\_\_

J.C.N. 179181 Est.Amt Fixed Price N Amount  
 Log-in Date 1/19/1998 Due Date 1/22/1998 Date to Print Shop 1/19/1998  
 Job Status A ACTIVE Type \* 23 Interval 1 Send Ticket to  
 P.O.E. \* 1461 CATHY CUDD Ext. 3244  
 Author/Contact \* 9806 CHARLES B. CONNOR Ext. 6649  
 Call \* 1461 CATHY CUDD Ext. 3244

Notes?

Job Description	Charge Number	Percent
CONNOR, CHUCK--EDIT CNWRA GROUND SURVEYS IN . . .	20-1402-461	100.0

Special Instructions / Job Notes

31 PAGES; 19 FIGURES; 1 PAGE OF REFERENCES

Percent Total 100.0

..... Ticket Sub-Items .....				
* Designated Jobs	* Misc. Items	* Camera	* Press	* Quality Control
* EMOS	* Docutech	* Plates	* Bindery	* Pre. Invoice
.....				

F1 Help F2 Fld Hlp F3 Ret F4 Estimate F5 Logon PAR F6 PAR Summary F12 Menu

## QUALITY ASSURANCE ACTION ITEM LOG

January 19, 1998

### OPEN CORRECTIVE ACTION REQUESTS

<u>CAR NO.</u>	<u>DATE INITIATED</u>	<u>DESCRIPTION</u>	<u>RESPONSIBLE PERSON</u>	<u>STATUS</u>
97-02	06/12/97	Contrary to requirements of TOP-018, para. 5.8, changes were implemented in MULTIFLO, Version 1.0, without completion of a SPCR. Some, but not all, changes were documented in the developer's scientific notebook. This code has been distributed to personnel within the CNWRA and traceability would not be possible if personnel were to use it for licensing purposes or in published documents.	Sagar/Lichtner plus team of Mohanty, Murphy, and Stamatakos	OPEN. Process Improvement Team (PIT) making changes to TOP-018. Extension applied for by Tech Director and granted by QA. Target date extended to 1/30/97 for completion of procedure and B. Sagar to submit revised TOP-018 to NRC.
97-03	06/12/97	Contrary to the requirements of TOP-018, para. 5.7, two versions of the TPA Code, Version 3.0, were delivered to the NRC on two different days prior to the official release date (4/16/97) which indicated completion of all requirements. In addition, the SRD was not prepared prior to significant development or modification of the codes as required by para. 5.3.1.	Sagar	CLOSED. TPA Code Development Lessons Learned Analysis completed 10/30/97. Based on CNWRA management discussions, this CAR was closed 11/26/97. Specific TOP-018 changes will be carried as a CAR 97-02 issue.

### OPEN NONCONFORMANCE REPORTS

<u>NCR NO.</u>	<u>DATE INITIATED</u>	<u>DESCRIPTION</u>	<u>RESPONSIBLE EM</u>	<u>STATUS</u>
98-01	1/19/98	Contrary to the requirements of QAP-002, para. 4.1.2, no editorial review was accomplished on the numbered CNWRA report identified as IM 20-1402-461-840.	Larry McKague	OPEN. Proposed disposition and corrective action planning due in 10 working days from NCR initiation date.

Please put in QA Records 150 folder.

43/43