



CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20-5704-033

REPORT NO.: 93-23

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SURVEILLANCE SCOPE: CNWRA Conformance to TOP-18, Rev 3, Chg 2, for the Software Package UDEC.

REFERENCE DOCUMENTS: TOP-18, Rev 3, Chg 2.

STARTING DATE: 12-6-93

ENDING DATE: 12-10-93

QA REPRESENTATIVE: R. Mielke

PERSONS CONDUCTING TEST/EXAM/ACTIVITY: R. Mielke

SATISFACTORY FINDINGS: CNWRA File #Q199308230023 was reviewed to determine the level of conformance to TOP-18. Objective evidence was found for a single user single copy of the software package. Version 1.8 of the software was found to be under control. Backup files were recorded in procedure-approved format. Objective evidence that technical and user manual documentation exists.

UNSATISFACTORY FINDINGS:

1. Objective evidence was found to show that there are 3 copies used by different users at CNWRA. Users are not using Version 1.8 but are instead using Version 1.82 and 1.83 (TOP-018, para. 1).
2. No objective evidence was found to indicate that any of the TOP-18 required tools were executed on this software package (TOP-018, para. 6.3.1).
3. No objective evidence was observed to indicate that any version of this package was officially released to any user (TOP-018, Appendix C).
4. No objective evidence was observed to indicate that any technical review of the difference between Version 1.82 and 1.83 (TOP-018, para 1).
5. Objective evidence was observed to indicate that CNWRA is in violation of the software license agreement with UDEC Vendor (ITASCA) (TOP-018, para. 6.2.1).

NONCONFORMANCE REPORT NO.: 94-07

ATTACHMENTS: ~~None~~ NCR 94-07

RECOMMENDATIONS/ACTIONS: Place correct version of UDEC under control. Straighten out license with ITASCA concerning extra versions of package. Perform required tool usage on package. Complete the software release notice for this software package.

APPROVED: 
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 2/7/94

DISTRIBUTION:

ORIGINAL - CENTER QA DIRECTOR - Bruce Mabrito
ORIGINATOR - RWM/TCT
Principle Engineer/Scientist - A. Ghosh
Element Manager - A. Chowdhury
B. Sagar, R. Baca, R. Johnson

CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

NONCONFORMANCE REPORT

Project No. 20-5704-033

NCR No. 94-07

PART 1: DESCRIPTION OF NONCONFORMANCE

Surveillance 93-23 identified the following discrepancies in UDEC code documentation: KDB
3/2/94

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4. No objective evidence was observed to indicate that any technical review of the difference between Version 1.82 and 1.83 (TOP-018, para 1).
5. Objective evidence was observed to indicate that CNWRA is in violation of the software license agreement with UDEC Vendor (ITASCA) (TOP-018, para. 6.2.1).

Initiated by: *James Malin*

Date: 2/7/94

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Disposition:

Responsible: A. Chandhury
Responsible: 2/18/94

Basis of Disposition:

Action to correct nonconformance:

Target date for completion: _____

Proposed by:

Date:

PART 3: APPROVAL

Element Manager: _____ Date: _____

Director of QA: _____ Date: _____

Comments/Instructions:

PART 4: CLOSE OUT

Comments:

Verified by:

Date: