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6-6-95

NONCONFORMANCE REPORT

Object No. 20-5702-722

NCR No. 94-08

PART 1: DESCRIPTION OF NONCONFORMANCE

Compliance to TOP-18 concerning the release of software is not adequate. There appears to be a disconnect between the configuration control system and the day-to-day operations of the CNWRA. This does not appear to be intentional but appears to be a result of lack of understanding of what the procedures require.

1. The list of software that is currently controlled does not list any of the subsequent versions as being controlled or being released to the technical staff (TOP-018, Appendix C and para. 8.1.3).
2. The Code Custodian, Quality Assurance and possibly upper CNWRA management appear to not know what controlled software is actually being used in a daily fashion at the CNWRA, i.e. multiple copies of UDEC with two different version numbers, the release to the NRC of preliminary SEISM1 code (TOP-018, para. 1).
3. Code Custodian does not have direct access to a CNWRA system that allows for the generation/review of 8mm DAT recorded backups (TOP-018, Appendix C and para. 8.1.3).

Initiated by: [Signature]

Date: 2/7/94

PART 2: PROPOSED DISPOSITION AND CORRECTIVE ACTION

Responsible: R. Baca
Response due: 2/18/94

Disposition:
use as is

Basis of Disposition:
None of the nonconformances appear to violate TOP-018

Action to correct nonconformance:
See attached memo

Target date for completion: 2/18/94

Proposed by: [Signature]

Date: 2/18/94

PART 3: APPROVAL

Element Manager: [Signature] Date: 2/18/94

Director of QA: [Signature] Date: 2/18/94

Comments/Instructions:

PART 4: CLOSE OUT

Comments: All discrepancies were closed out based on the attached memorandum

Verified by: [Signature]

Date: 2/2/94

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MEMORANDUM

February 18, 1994

To: Bruce Mabrito
From: Bob Baca *RB Baca*
Subject: CNWRA Nonconformance Report No. 94-08, TOP-018

CNWRA NCR 94-08 lists three discrepancies associated with the current revision of the TOP-018. My views on these discrepancies is as follows:

- 1. The list of software that is currently controlled does not list any of the subsequent versions as being controlled or being released to the technical staff (TOP-018, Appendix C and para. 8.1.3).

In most cases, new code versions supersede the prior versions and therefore the previous versions need not be controlled. They are, however, archived. In those cases where new versions have distinct options or capabilities, separate versions are maintained and controlled (e.g., PORFLOW 1.11 and 2.42). Consequently, the list of software under CM maintained by the code custodian identifies all the codes and code versions under control. Consequently, there is no discrepancy with the requirements of TOP-018.

- 2. The code custodian, quality assurance and possibly upper CNWRA management appear to not know what controlled software is actually being used in a daily fashion at the CNWRA, i.e., multiple copies of UDEC with two different version numbers, the release to the NRC of preliminary SEISMI code (TOP-018, para. 1)

There is no requirement in TOP-018 to track the "use" of controlled codes on a daily or other basis. The purpose of the TOP is to control the "revision" of codes that are designated as potential CDM tools.

The two versions of UDEC were provided by the developers and the CNWRA staff has not modified either of these versions. Moreover, the later version supersedes the previous one. A. Chowdhury has indicated that RDCO is evaluating the UDEC code and therefore have not committed to it.

The release of SEISMI to the NRC was known and approved by CNWRA management. The NRC staff understood that the SEISMI code is not a fully operational code.

- 3. Code custodian does not have direct access to a CNWRA system that allows for the generation/review of 8mm DAT recorded backups (TOP-018, Appendix C and para. 8.1.3)

The code custodian has access to 8mm DAT records equipment through Division 15 or 20.