

SSER

Task: Allegations A-18 and A-164

Reference No.: 4-83-A-74/6, 4-84-A-06/59

Characterization: It is alleged that, due to EBASCO's inadequate nonconformance control, six nonconformance reports (NCRs) were found with no numbers, e.g., not included in the NCR system.

Assessment of Allegation: The implied significance is that improper use of the NCR system could lead to inadequate reporting, nonconformance identification, timely corrective action, trending, reportability review, and correction of nonconforming conditions. This could render the quality of installed safety-related systems as being questionable.

The NRC staff evaluated EBASCO's procedures for processing nonconformances to determine the control maintained and the methods used to generate NCRs. The staff also reviewed other, similar allegations and attempted to determine which unnumbered NCRs were not entered into the system. Regarding the unnumbered NCRs, the NRC staff attempted to determine if they had been entered into the system and if they had been properly dispositioned and closed. Also see Allegation A-53.

The allegation referred to six missing EBASCO NCRs without numbers (and not in the NCR system): These NCRs were related to Fischbach & Moore tension test problems related to expansion anchors. However, the NRC staff found seven unnumbered NCRs; the staff relayed this information to LP&L for their action, and on February 15, 1984, LP&L provided a response, which stated that the original six nonconformance conditions had been addressed on EBASCO NCR W3-7533. The NRC staff review of LP&L's response disclosed that only four of the seven unnumbered NCRs were actually captured in W3-7533; the three missing NCRs were found to have been previously documented on EBASCO NCRs W3-7183, W3-7179, and W3-7561. LP&L also informed the NRC staff that additional problems with tension testing had been entered as EBASCO NCRs W3-7184, W3-7182, W3-7180, W3-7140, W3-7138, W3-7177, and W3-7139. The NRC staff reviewed the status of all of these NCRs and found them closed except for W3-7533, W3-7179, and W3-7140.

Additionally, the NRC staff looked for other missing EBASCO NCRs and found that the following "voided" (missing) NCRs were not in the card index or in the QA vault: W3-27, W3-814, W3-859, W3-981, W3-1053, W3-1102, W3-1109, W3-1228, W3-1349, and W3-1438. The staff discovered that NCR W3-1215 was in the QA vault but was not in the NCR card index file.

Overall the NRC staff's review disclosed that there were open NCRs with incomplete corrective action, which could result in unacceptable performance of safety-related systems. The staff could not review missing, "voided" NCRs; therefore, questions remain concerning acceptability of installed safety systems, and the safety significance of this allegation could not be determined. The NRC staff believes this allegation has generic implications; as stated herein problems were identified with EBASCO and Fischbach & Moore.

References:

1. Mercury Operational Control Records (OCR):

OCR 492
903
1019
1020
1022
1855
1881
1782
1924

2. DCN-NYC-IC-232R1-33 randomly selected instrument lines listed therein.

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