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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20.01402.159

REPORT NO.: 2000-11

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SURVEILLANCE SCOPE: Surveillance activities on CNWRA Scientific Notebooks located in the Hydraulic Characterization Laboratory in Building 51, and the Corrosion Laboratory in Building 57.

REFERENCE DOCUMENTS: QAP-004, Surveillance Control, and QAP-001, Scientific Notebook Control.

STARTING DATE: 5/16/00 **ENDING DATE:** 5/17/00
QA REPRESENTATIVE: Mark R. Ehnstrom *MRE*

PERSONS CONDUCTING ACTIVITY/CONTACTED: J. Prikryl, M. Nugent, S. Brossia, D. Dunn and E. Percy

SATISFACTORY FINDINGS:

Surveillance activities were conducted on scientific notebooks located in the Hydraulic Characterization and the Corrosion Laboratories in buildings 51 and 57. This surveillance was performed to assure that data being recorded in scientific Notebooks currently being used in these laboratories is being recorded in accordance with QAP-001, Scientific Notebook Control. The surveillance generated a number of comments which are discussed below:

No.1- Scientific Notebook No.110, located in Bldg. 51 has not had any data recorded in it since February 1997. This notebook is used as a training notebook describing repetitive laboratory experiments. This notebook should be turned in to the QA records area for archiving, or a copy of it submitted to QA records.

No.2- Scientific Notebook No. 220 contains entries recorded by G. Rice. G. Rice is not identified in the front of the scientific notebook. The identity of the person making the entries took some effort to identify.

No.3- Scientific Notebook No. 337 contains entries by R. Cherrington, although he is not identified in the beginning of the Scientific Notebook.

Not identifying everyone in the front of the scientific notebook who made entries into a notebook was observed in one other notebook.

No.4- Scientific Notebook No. 307- Early in the new year, 2000, some entries reference the year 1999.

No.5- Scientific Notebooks Nos. 361 and 370. These two notebooks contain entries with multiple cross-out lines and inconsistent initials and dates with these cross-outs. Because of the way the user is utilizing the scientific notebook, multiple consecutive pages are left blank. Printed data was not sufficiently secure and, at times, was not secure at all.

Scientific Notebooks Nos. 212, 279, and 368 were reviewed with no negative comment.

UNSATISFACTORY FINDINGS: At this time the compliance of scientific notebooks 361 and 370 is questionable, pending review by appropriate CNWRA Principal Investigators (PIs).

NONCONFORMANCE REPORT NO.: N/A.

ATTACHMENTS: None

RECOMMENDATIONS/ACTIONS: Notebooks 361 and 370 need to be evaluated by the cognizant PIs. This PI evaluation will determine if additional activities are required to bring the notebooks up to technical compliance with QAP-001. The cognizant PI will document the evaluation in the appropriate scientific notebook and will verbally notify the CNWRA director of QA of completion of the evaluation.

APPROVED: *Mark R. Ehnstrom*
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 5/25/2000

DISTRIBUTION:
ORIGINAL - CENTER QA DIRECTOR QA Records
ORIGINATOR: Mark R. Ehnstrom
INVESTIGATORS: R. Pabalan, D. Turner
ALL ELEMENT MANAGERS
B. Sagar, H. Garcia

Subject: RE: Action on Surveillance Report 2000-11

Date: Mon, 12 Jun 2000 10:33:30 -0500

From: David Turner <dtturner@swri.edu>

To: 'Bruce Mabrito' <bmabrito@swri.edu>

CC: "English Percy (epearcy)" <epearcy@swri.edu>, "Roberto Pabalan (rpabalan)" <rpabalan@swri.edu>

Bruce,

I have reviewed these notebooks with Melissa Nugent. Melissa and I have agreed on the necessary revisions/corrections to bring these notebooks into compliance with QAP-001. Notebook 361 has been revised, and will be submitted to English Percy to be closed out. Notebook 370 will be brought into compliance with QAP-001 and will remain open. Copies will be made of both notebooks as required.

Please let me know if you need any additional information.

David R. Turner
Principal Scientist

-----Original Message-----

From: Bruce Mabrito [<mailto:bmabrito@swri.edu>]

Sent: Saturday, June 10, 2000 8:03 PM

To: English Percy (epearcy); Roberto Pabalan (rpabalan); David Turner (dtturner)

Cc: mehnstrom@swri.org

Subject: Action on Surveillance Report 2000-11

Surveillance Report 2000-11 identified scientific notebooks Numbered 361 and 370 as being "questionable." At the time of the surveillance, 5/16-17/2000, and then upon the issuance of the Surveillance Report, 5/25/2000, it was requested that the PI(s) evaluate these two notebooks to determine whether they were acceptable as is, or whether action needed to be accomplished. Please let me know in writing the determination of whether these two notebooks by M. Nugent have been reviewed yet and whether they have been corrected, if they needed to be corrected.

I would like to have a statement from the PI(s) attached to the Surveillance Report prior to the start of the audit in case any questions arise. Bruce