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CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES

DEVIATION AND NONCONFORMANCE REPORT

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PURCHASE ORDER NO.		PROJECT NO. 20-3704-022		JOB REQUEST NO.		DNR NO. 90-001	
ITEM NAME OR ACTIVITY Thermohydrology Research Project				ACTIVITY PERFORMED BY M. Lewis, (06) S. Svedeman, (04)			
ITEM DESCRIPTION (S/N, MODEL, WELD, SITE, ELEMENT NAME, REGULATION, TEST, ETC.) Separate Effects Experiment							
DESCRIPTION OF DEVIATION OR NONCONFORMANCE Scientific Notebook (Control Number 003) entries and data corrections were not made in accordance with QAP-001 "Scientific and Laboratory Notebooks." See attachments for specific deficiencies.							
PROBABLE CAUSE OF DEVIATION OR NONCONFORMANCE Unfamiliarity of personnel with scientific notebook requirements.							
ORIGINATOR (NAME) R.D. Brient <i>RDB</i>				DATE 3/9/90			
ACTION TO CORRECT DEFICIENCY 1) DATA CORRECTIONS WILL BE INITIALED 2) TECHNICAL STAFF WILL BE ACQUAINTED WITH PROPER NOTEBOOK PROCEDURES; 3) HIGHER QUALITY REPRODUCED DATA WILL BE AFFIXED INTO THE NOTEBOOK.							
ACTION TO PREVENT RECURRENCE TECHNICAL STAFF WILL BE BETTER ACQUAINTED WITH REQUIRED DOCUMENTATION PROCEDURES							
CORRECTIVE ACTION TO BE TAKEN BY (NAME) R. GREENE, S. SVEDEMAN, M. LEWIS				TARGET DATE FOR INITIATION <u>3/26/90</u> OR COMPLETION <u>4/9/90</u>			
DISPOSITION ACCEPT <input checked="" type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Return to Vendor <input type="checkbox"/> Hold <input type="checkbox"/> Other (Specify) <input type="checkbox"/>							
BASIS FOR DECISION OR NOTES Data will be acceptable with corrective actions specified.							
LIST OF ATTACHMENTS						STATUS: <i>RDB</i> ^{7/24/91} <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
ELEMENT MANAGER (SIGNATURE) <i>John Russell</i>		DATE 3/26/90		DISTRIBUTION: <i>Attend workshop CEM 2/12/90</i> DIRECTOR OF QA ORIGINATOR ELEMENT MANAGER (PROJECT FILES) <i>Dr. Russell</i> PERSON RESPONSIBLE FOR CORRECTIVE ACTION <i>Ron Gased</i>			
DIRECTOR OF QA (SIGNATURE) <i>Samuel Mahabadi</i>		DATE 3/26/90					

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Individual Nonconformances to QAP-001
DNR 90-001

1. Data corrections were not made by a single line and initialed and dated by the individual making the correction as required by QAP-001, paragraph 4.3(4). Individual occurrences were identified on pages 13, 15, 16, 17 (beaker wt.), 020, 21, 27, 31.
2. QAP-001, paragraph 4.1, requires that entries into the Scientific Notebook be made daily or other basis as appropriate. Entries made on notebook pages 23-45 are dated in the notebook as 3/6/90, however, the data was initially recorded (in a form other than the Scientific Notebook) on various earlier dates. The intent of Scientific Notebook control is that data are entered directly into the notebook as they are gathered.
3. Data copied from another source and affixed into the notebook on pages 26-45 are not suitable for reproduction as required by QAP-001, 4.3(1).