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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. 90-002
ITEM NAME OR ACTIVITY Thermohydrology Research Project			ACTIVITY PERFORMED BY M. Lewis (06)	
ITEM DESCRIPTION (S/N, MODEL, WELD, SITE, ELEMENT NAME, REGULATION, TEST, ETC.) Separate Effects Experiment - Glass Bead Characterization				
DESCRIPTION OF DEVIATION OR NONCONFORMANCE See Attached				
PROBABLE CAUSE OF DEVIATION OR NONCONFORMANCE Unfamiliarity of personnel with personnel and procedure qualification requirements.				
ORIGINATOR (NAME) R.D. Brient <i>lrb</i>			DATE 3/9/90	
ACTION TO CORRECT DEFICIENCY <i>Ben 3/26/90</i> IT WILL BE DETERMINED IF THE BEAD ANALYSIS REQUIRES A HIGH LEVEL STANDARD.				
ACTION TO PREVENT RECURRENCE IT WILL BE SPECIFIED IN THE NOTEBOOK TO WHAT LEVEL OF STANDARDIZED SUCH MEASUREMENTS WILL BE MADE.				
CORRECTIVE ACTION TO BE TAKEN BY (NAME) R. GREEN <i>RG</i> S. SUEDEMAN			TARGET DATE FOR INITIATION <u>3/26/90</u> OR COMPLETION <u>4/9/90</u>	
DISPOSITION    ACCEPT <input type="checkbox"/> REWORK <input type="checkbox"/> SCRAP <input type="checkbox"/> RETURN TO VENDOR <input type="checkbox"/> HOLD <input type="checkbox"/> OTHER (SPECIFY) <input checked="" type="checkbox"/>				
BASIS FOR DECISION OR NOTES Disposition is pending the determination of glass bead characterization as an important to licensing activity or not.				
LIST OF ATTACHMENTS			STATUS: <i>lrb/gtk</i> <input checked="" type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
ELEMENT MANAGER (SIGNATURE) <i>John Russell</i>		DATE 3/26/90	DISTRIBUTION: DIRECTOR OF QA ORIGINATOR ELEMENT MANAGER (PROJECT FILES) <i>Dr. Russell</i> PERSON RESPONSIBLE FOR CORRECTIVE ACTION <i>ROD GREEN</i>	
DIRECTOR OF QA (SIGNATURE) <i>Sam Mahab</i>		DATE 3/26/90		

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DNR 90-002 Description of Nonconformance

The individual performing the glass bead size distribution analysis (Notebook pg. 18) has not been qualified nor has he received QA indoctrination as required by CQAM Section 2. In addition, the notebook does not indicate that the activity was performed in accordance with documented instructions (CQAM Section 5) or that the method was qualified (CQAM Section 9).