



**CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES
QUALITY ASSURANCE
SURVEILLANCE REPORT**

PROJECT NO.: 20-3704-042

REPORT NO.: 92-08

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SURVEILLANCE SCOPE:

Witness of Calibration of SLOW-STRAIN RATE GAGES for LWRE TRSKZ

REFERENCE DOCUMENTS:

ASTM E83-92- STD. PRACTICE for VERIFICATION & CLASSIFICATION of Extensometers

STARTING DATE: 8/6/92

ENDING DATE: 8/6/92

QA REPRESENTATIVE: R. D. BRIENT

PERSONS CONDUCTING TEST / EXAM / ACTIVITY:

FOLLEST CAMPBELL, SWRI TN 06.

SATISFACTORY FINDINGS:

Two Shaevitz Model GCA-121-250 (S/N 6221 & 6235) LVDTs were calibrated with their associated Amplifiers (P/N 229-1301-000, S/N's 1438 and 1385 respectively). A drum micrometer, 0-1" Tomico ($\pm .0001$ " cal by SWRI QA 6/15/92 due 12/15/92, was used as measurement source, and an HP 3465B DMM S/N 1530A-08815, cal by SWRI Cal Lab 6/18/92 due 12/18/92 was used to monitor output. Three trials at eleven points across the scale (every .025") were made, results averaged. Slope, y intercept, correlation coefficient, and error at each measurement point were calculated.

UNSATISFACTORY FINDINGS:

None

NONCONFORMANCE REPORT NO.: N/D

ATTACHMENTS: N/A

RECOMMENDATIONS / ACTIONS: NONE.

APPROVED: R. D. Brient
for CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 8/10/92

DISTRIBUTION:

ORIGINAL - CENTER QA DIRECTOR
ORIGINATOR
PRINCIPAL ENGINEER - G. Cragnolino
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