



Department of Energy

Washington, DC 20585

NOV 26 1996

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ISSUANCE OF SURVEILLANCE RECORD YM-SR-97-03 RESULTING FROM OQA SURVEILLANCE OF SNL

Enclosed is the record of Surveillance YM-SR-97-03 conducted by the Office of Quality Assurance (OQA) at the Primary Standards Laboratory, Sandia National Laboratories, Albuquerque, New Mexico, on November 19, 1996.

The purpose of the surveillance was to verify the calibration of the Vibra-Tech Multiseis V to close Deficiency Report (DR) YM-96-D-074. Based on the results of this surveillance, the calibration could not be accomplished and the DR could not be closed.

This surveillance is considered completed and closed as of the date of this letter. A response to this surveillance record and any documented recommendations is not required.

If you have any questions, please contact James Blaylock at (702) 794-1420.

James Blaylock for
Donald G. Horton
Office of Quality Assurance

OQA: DGH-0417

Enclosure:
Surveillance Record YM-SR-97-03

9612040074 961126
PDR WASTE
WM-11 PDR

030042

Recip: WM33/PAHL

*WM-11
102.7*

NH33



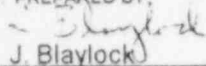
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OFFICE OF CIVILIAN
RADIOACTIVE WASTE MANAGEMENT
U.S. DEPARTMENT OF ENERGY
WASHINGTON, D.C.

Surveillance No. OQA-SR-97-03

QUALITY ASSURANCE SURVEILLANCE RECORD

SURVEILLANCE DATA

1. ORGANIZATION/LOCATION: Sandia National Laboratories (SNL), Albuquerque, NM	2. SUBJECT: Calibration by Primary Standards Laboratory (PSL), SNL	3. DATE: November 19, 1996
4. SURVEILLANCE OBJECTIVE: Observe calibration of Multiseis V		
5. SURVEILLANCE SCOPE: Calibration of Vibra-Tech Multiseis V, SN 3861 to close Deficiency Report (DR) YM-96-D-074		6. SURVEILLANCE TEAM: Team Leader: J. Blaylock
		Additional Team Members: N/A
7. PREPARED BY:  J. Blaylock _____ Surveillance Team Leader		8. CONCURRENCE: N/A _____ QA Division Director
11/19/96 Date	Date	

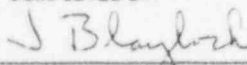
SURVEILLANCE RESULTS

9. BASIS OF EVALUATION/DESCRIPTION OF OBSERVATIONS:

SNL had an open DR YM-96-D-074; the Corrective Action included the SNL PSL in Albuquerque, NM, performing a calibration of the Vibra-Tech Multiseis V, SN 3861. The instrument had been purchased as commercial grade and the vendor had not been evaluated nor approved for inclusion on the Approved Suppliers List (ASL). SNL opted to perform the calibration at the PSL rather than qualifying and placing the vendor on the ASL. Two Yucca Mountain Site Characterization Project (YMP)/SNL individuals, J. Schelling and M. Lee, served as the point of contact with Vibra-Tech to obtain the appropriate information to allow the PSL to calibrate the instrument. A memo from J. Schelling to L. Alzevedo set forth the method of calibration, acceptance criteria, and documentation requirements. As it turned out, after further discussion with Vibra-Tech, the calibration method was probably incorrect. Also, reproducibility of the few results were not reproducible prior to the instrumentation malfunctioning to where further efforts to calibrate it were futile.

10. SURVEILLANCE CONCLUSIONS:

DR YM-96-D-074 cannot be closed. SNL needs to determine what the calibration technique should be prior to another calibration attempt. The DR needs to be revisited to reevaluate the current response.

11. COMPLETED BY:  _____ Surveillance Team Leader	12. APPROVED BY: _____ QA Division Director
11/22/96 Date	Date

NOV 26 1996

cc w/encl:

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