

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

47-11976-01

Docket or Reference number

030-06697

Amendment No. 12

Allegheny Nuclear Surveys, Incorporated
P. O. Box 506
Weston, West Virginia 26452

In accordance with letter dated April 29, 1987, License Number 47-11976-01 is amended as follows:

Items 6, 7, 8, and 9, are amended to read:

- | | | |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| C. Byproduct, source, and/or special nuclear material | 7. Chemical and/or physical form | 8. Maximum amount that licensee may possess at any one time under this license |
| A. Cesium 137 | A. Sealed sources (Gulf Nuclear Model VL-1 or Amersham Model CDC-CY11) | A. Not to exceed 1 curie per source. |
| B. Cesium 137 | B. Sealed sources (General Nuclear, Inc. GNI-CS-1000 or GNI-CS-2000 or Gulf Nuclear Model CSV) | B. Not to exceed 2 curies per source. |
| C. Americium 241 | C. Sealed neutron sources (Parkwell Laboratories Model PL-AmBe, Gammatron Inc. Model AN-HP, Nuclear Environmental Engineering, Inc. Model NEEI 71-1 or Gulf Nuclear Model NEEI-AmBe-71-1) | C. Not to exceed 5 curies per source |
| D. Americium 241 | D. Sealed neutron sources (Amersham Model AMN-CY12) | D. Not to exceed 15 curies per source |
| 9. Authorized use | | |
| A. through D. For use in oil and gas well logging. | | |

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Conditions 10, 12, and 13 are amended to read:

10. Licensed material may be used at the licensee facilities located at 777 North River Avenue, Weston, West Virginia; on State Route #14, Williamstown, West Virginia; at 405 27th Street, Dunbar, West Virginia; at 215 Overlook Drive, Titusville, Pennsylvania; on Route #1, Shelocta, Pennsylvania; and on RR #1, Frontage Road, Mt. Vernon, Illinois, and at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
12. Licensed material shall be used by, or under the supervision and in the physical presence of, Steve Villens, James L. Sherrell, Robert Sherrell, Donald T. Miles, Ronald D. Griffith, Carl L. Sherrell, Michael A. Sherrell, Daniel L. Tenney, Vernon K. Castro, Kenneth M. Taylor, Robert McKinley, David Sommerville or Steve West.
13. The Radiation Protection Officer for the activities authorized by this license is Michael A. Sherrell.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

PAUL R. GUINN

Date JUN 01 1987

By

Paul R. Guinn
Region II, Nuclear Materials
Safety Section
101 Marietta Street, Suite 2900
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