

January 2, 2007

via Federal Express

UNITED STATES NUCLEAR REGULATORY COMMISSION
Region 1
475 Allendale Road
King Of Prussia, Pennsylvania 19406-1415

Attention: Licensing Assistance Team

Regarding: **AMENDMENT TO MATERIALS LICENSE**
MATERIALS LICENSE NO.: 29-30575-01

Q-2

030-35405

RECEIVED
REGION 1
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To Whom It May Concern:

Whitestone Associates, Inc. (Whitestone) hereby requests that Materials License No. 29-30575-01 be amended as follows:

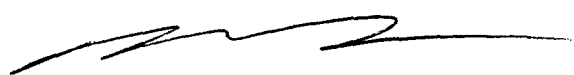
- ▶ Name of person to be contacted about this application: Catherine B. Hagon
Field Services Coordinator
(908) 668-7777
- ▶ Individual responsible for radiation safety and the staff's training experience:
Catherine B. Hagon
Field Services Coordinator
(908) 668-7777

A copy of Materials License No. 29-30517-01, Docket No. 030-35405 is enclosed as Attachment A.

Please contact me with any questions regarding these matters.

Sincerely,

WHITESTONE ASSOCIATES, INC.



Jeffrey W. Schaumburg, P.E.
Director, Geotechnical Services

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Enclosure



Catherine B. Hagon
Field Services Coordinator

139915

NRC/IRON MATERIALS-002

Other Office Locations:

■ CHALFONT, PA
215.712.2700

■ STERLING, VA
703.464.5858

■ EVERGREEN, CO
303.670.6905

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Whitestone Associates, Inc.</p> <p>2. 35 Technology Drive Warren, New Jersey 07059</p>	<p>In accordance with the letter dated February 23, 2006,</p> <p>3. License number 29-30575-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2010</p> <hr/> <p>5. Docket No. 030-35405 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p> <p>C. Californium 252</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed sources (Troxler Dwg A-102112, QSA Model CDCW556 or IPL Model HEG-137)</p> <p>B. Sealed sources (Troxler Dwg A-102452, QSA Model AMNV.997 or IPL Models 3021, 3027 or AM1.NO2)</p> <p>C. Sealed sources (IPL Model HEG-252)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>C. No single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

29-30575-01

Docket or Reference Number

030-35405

Amendment No. 02

9. Authorized use:

- A. Through C. In Troxler Electronic Laboratories, Inc., Model 3400 Series, 3430, 3440 portable gauging devices for measuring physical properties of materials..

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 35 Technology Drive, Warren, New Jersey and may be used 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, including areas of exclusive Federal jurisdiction within Agreement States.

If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.

11. A. The Radiation Safety Officer for this license is James P. Corbett.
- B. Before assuming the duties and responsibilities as Radiation Safety Officer for this license, the individual shall have successfully completed one of the training courses described in Criteria in Section 8.8 of NUREG-1556, Volume 1 dated May 1997.
12. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36(b), and 70.25(d) for establishing financial assurance for decommissioning.
13. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made, within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.

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- D. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- E. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2) and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- F. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- G. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
14. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the U.S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.

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18. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
- B. If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.
19. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
20. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated June 6, 2000 (ML0037244570)

For the U.S. Nuclear Regulatory Commission

Original signed by Jenny JohansenDate April 4, 2006

Jenny Johansen
Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406
Tuesday, April 04, 2006 3:26:57 PM

This is to acknowledge the receipt of your letter/application dated

1/2/2007, and to inform you that the initial processing which includes an administrative review has been performed.

Amend. 29-30575-d There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 139915.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.