



August 8, 2006

Mr. Loren Hueter
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

Subject: Control No. 315512 - Amendment request dated June 15, 2006

Dear Mr. Hueter:

This is in response to our telephone conversation and your facsimile on August 7, 2006. We wish to confirm the following:

1. The nuclear gauge model MC1DRP with the serial number MD20306468 is a CPN International, Inc. MC Series gauge and not a Troxler gauge.
2. The expiration date for License No. 48-18031-01, for which termination is being requested, is October 31, 2013 and not August 31, 2008, as indicated on our license termination request.
3. Based on routine leak test data, no leaking sealed sources were ever possessed by Mead & Hunt, Inc.
4. Attached to this correspondence a copy of our Wisconsin License No. 025-1167-1.

If you need further information, please contact me.

Sincerely,

MEAD & HUNT, Inc

A handwritten signature in black ink that reads "Lew Kollmansberger".

Lew Kollmansberger, RSO

Attachment

Mead & Hunt Inc. 6501 Watts Road Madison Wisconsin 53719-2700

608 273 6380 fax: 608 273 6391 www.meadhunt.com



STATE OF WISCONSIN
DEPARTMENT OF HEALTH AND FAMILY SERVICES

RADIOACTIVE MATERIALS LICENSE

Under s.254.365, Wisconsin Statutes and Chapter HFS 157, Wisconsin Administrative Code, and in reliance on statements and representations made by the licensee, a license is issued authorizing the licensee to receive, acquire, possess and transfer radioactive material designated below; to use the material for the purpose(s) and at the place(s) designated below; and to deliver or transfer the material to persons authorized to receive it in accordance with Chapter HFS 157, Wisconsin Administrative Code. This license is subject to all applicable rules and orders of the Wisconsin Department of Health and Family Services (DHFS) including Chapter HFS 157, Wisconsin Administrative Code now or hereafter in effect, and to any conditions specified below.

<p style="text-align: center;">Licensee Name and Address</p> <p>1. Mead & Hunt, Inc.</p> <p>2. 6501 Watts Road, Suite 101 Madison, WI 53719-1361</p>	<p style="text-align: center;">In accordance with administrative actions</p> <p>3. License Number: 025-1167-1 is amended in its entirety to read as follows:</p> <hr/> <p>4. Amendment No.: 02</p> <hr/> <p>5. Expiration Date: August 31, 2008</p>
--	--

6. Radioactive material	7. Chemical and/or physical form	8. Maximum amount of radioactive materials that the licensee may possess at any one time under this license:	9. Authorized Use:
A. Cesium-137	A. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State.	A. 9 millicuries per source	A and B: To be used in Troxler Model 3400 Series gauge to measure physical properties of construction materials.
B. Americium-241:Be	B. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State.	B. 44 millicuries per source	
C. Cesium-137	C. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State.	C. 9 millicuries per source	C and D: To be used in Troxler Model 3411B gauge to measure physical properties of construction materials.
D. Americium-241:Be	D. Sealed sources registered either with the NRC under 10 CFR 32.210 or with an Agreement State.	D. 44 millicuries per source	
E. Cesium-137	E. Sealed Source: Campbell Pacific Model CPN-131	E. 10 millicuries per source	E and F: To be used in a CPN International, Inc. Model MC Series PORTAPROBE® gauge to measure physical properties of construction materials.

DPH 45018 (07/03)

Page 2 of 3

**RADIOACTIVE MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number: 025-1167-1

Amendment No: 02

F. Americium-241:Be

F. Sealed Source:
Campbell Pacific
Model CPN-131

F. 50 millicuries per source

CONDITIONS

10. Licensed material may be used or stored at the licensee's facilities located at 6501 Watts Road, Madison, Wisconsin, 1345 B North Road, Green Bay, Wisconsin and may be used or stored at temporary job sites of the licensee anywhere in Wisconsin where the Department of Health and Family Services maintains jurisdiction for regulating the use of licensed material.
11. A. The Radiation Safety Officer for this license is Lew Kollmansberger.
B. Before assuming the duties and responsibilities as RSO for this license future RSOs shall have successfully completed one of the training courses described in the Criteria section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience- Radiation Safety Officer", WISREG "Guidance for Portable Gauge Devices or Portable XRFs" dated April 2003.
12. Licensed material shall be only used by, or under the supervision and in the physical presence of, individuals who have received the training described in the application dated October 21, 2003; have been instructed in licensee's operating and emergency procedures and approved in writing by the Radiation Safety Officer.
13. The licensee is authorized to transport licensed material in accordance with the provisions of Chapter HFS 157, 'Radiation Protection', Subchapter XIII, 'Transportation'.
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. 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 or storage, or when not under the direct surveillance of an authorized user.
16. The licensee shall conduct a physical inventory every 6 months, or at other intervals approved by DHFS, 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, location of sealed sources and/or devices, and the date of the inventory.
17. Any cleaning, maintenance or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or other persons specifically licensed by DHFS, the NRC or an Agreement State to perform such services.
18. 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 HFS 157.15 for establishing decommissioning financial assurance.
19. Except for maintaining labeling as required by Chapter HFS "Radiation Protection", Subchapter III or XIII, the licensee shall obtain authorization from DHFS 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 Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.

DPH 45018 (07/03)

Page 3 of 3

**RADIOACTIVE MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number: 025-1167-1

Amendment No: 02

- 20. 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 a sealed source 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 DHFS and submit the reports required by HFS 157.13(17). The licensee shall not abandon the sealed source or probe without obtaining DHFS's prior written consent.
- 21. The licensee shall maintain a utilization log where the portable gauge(s) are stored. The log shall contain the date(s) of use, temporary job site(s), serial number of the gauge, and the name(s) of the authorized user(s).
- 22. Notwithstanding the requirements of HFS 157.24, no sealed sources shall be stored for a period of more than 3 years without being tested for leakage or contamination.
- 23. 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. Chapter HFS 157, 'Radiation Protection' shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the rule.
 - A. Application with attachments dated October 21, 2003, signed by Terrance L. Kennedy;
 - B. Letter with attachments dated December 16, 2003 signed by Terrance L. Kennedy.
 - C. Form dated March 26, 2004 signed by Lew Kollmansberger.

FOR THE WISCONSIN DEPARTMENT OF HEALTH AND FAMILY SERVICES

Cheryl K Rogers

10/15/04

SIGNATURE

DATE

Materials Program Supervisor