



U. S. Department
of Transportation

**Federal Highway
Administration**

RECEIVED
REGION 1

Eastern Federal Lands
Highway Division

21400 Ridgetop Circle
Sterling, VA 20166-6511

'05 APR -1 P12:11

MAR 30 2005

Refer to: HFCO -15

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406- 1415

Subject: NRC Form 314 -Certificate of Disposition of Materials for
License # 45-13691-01 (Amendment No. 19)

Dear Sir or Madam:

03006627

Enclosed is NRC Form 314, Certificate of Disposition of Materials, along with supporting documentation for the Federal Highway Administration, Eastern Federal Lands Highway Division, License #45-13691-01 (Amendment No. 19). We are requesting that the NRC terminate our license as our last sealed source Nuclear Density Gauge, Campbell Pacific Nuclear Moisture Density Gauge, Serial # M30079713, has been transferred to CPN International, Inc. (California License No. 1100-07). We do not plan on obtaining any more Nuclear Density gauges in the future.

If you have any questions with regards to this matter, please contact Mr. Michael Dallaire, our Radiation Safety Officer, at 571-434-1573.

Sincerely yours,

Eduardo A. Calderon, P.E.
Construction Engineer

Enclosure



136816

NUCLEAR MATERIALS-032

NRC FORM 314 <small>(6-2004) 10 CFR 30.36(j)(1), 40.42(j)(1), 70.36(j)(1), and 72.54(j)(1)</small>	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB: NO. 3150-0028 <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (15F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internal e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEQ11-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>	EXPIRES: 06/30/2007				
CERTIFICATE OF DISPOSITION OF MATERIALS		<small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (15F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internal e-mail to info@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEQ11-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>					
LICENSEE NAME AND ADDRESS <i>DEPT. OF TRANSPORTATION</i> FHWA - EASTERN FEDERAL LANDS HIGHWAY DIVISION 21400 RIDGETOP CIRCLE STERLING, VA 20166		LICENSE NUMBER 45-13691-01	DOCKET NUMBER 03006627				
LICENSE EXPIRATION DATE 11/30/2011							
<p><input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> A. LICENSE STATUS (Check the appropriate box) This license has not yet expired; please terminate it.</p>							
<p style="text-align: center;">B. DISPOSAL OF RADIOACTIVE MATERIAL</p> <p><i>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</i></p> <p>The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:</p> <p><input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.</p> <p><input checked="" type="checkbox"/> 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below: CPN INTERNATIONAL INC., 2830 HOWE ROAD, MARTINEZ, CA 94553 (SEE ATTACHED DOCUMENTATION) Douglas Carter - RSO California License No. 1100-07</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. Disposal of radioactive materials:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 1. Directly by the licensee:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 2. By licensed disposal site:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 3. By waste contractor:</p> <p><input type="checkbox"/> c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.</p>							
<p style="text-align: center;">C. SURVEYS PERFORMED AND REPORTED</p> <p><input type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. the absence of licensed radioactive materials</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.</p> <p><input type="checkbox"/> 2. A copy of the radiation survey results:</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to NRC on: _____ Date: _____</p> <p><input checked="" type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> a. The results of the latest leak test are attached; and/or <input type="checkbox"/> b. No leaking sources have ever been identified.</p>							
<p>The person to be contacted regarding the information provided on this form:</p> <table style="width:100%; border: none;"> <tr> <td style="width:30%; border-bottom: 1px solid black;">NAME MICHAEL P. DALLAIRE</td> <td style="width:30%; border-bottom: 1px solid black;">TITLE RADIATION SAFETY OFFICER</td> <td style="width:20%; border-bottom: 1px solid black;">TELEPHONE (Include Area Code) (571) 434-1573</td> <td style="width:20%; border-bottom: 1px solid black;">E-MAIL ADDRESS michael.dallaire@hvw</td> </tr> </table> <p><small>Mail all future correspondence regarding this license to: MICHAEL P. DALLAIRE, HFCO-15, FHWA-Eastern Federal Lands Highway Division, 21400 Ridgetop Circle, Sterling, VA 20166</small></p>				NAME MICHAEL P. DALLAIRE	TITLE RADIATION SAFETY OFFICER	TELEPHONE (Include Area Code) (571) 434-1573	E-MAIL ADDRESS michael.dallaire@hvw
NAME MICHAEL P. DALLAIRE	TITLE RADIATION SAFETY OFFICER	TELEPHONE (Include Area Code) (571) 434-1573	E-MAIL ADDRESS michael.dallaire@hvw				
<p style="text-align: center;">C. CERTIFYING OFFICIAL</p> <p style="text-align: center;">I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT</p> <table style="width:100%; border: none;"> <tr> <td style="width:45%; border-bottom: 1px solid black;">PRINTED NAME AND TITLE Michael P. Dallaire, Radiation Safety Officer</td> <td style="width:30%; border-bottom: 1px solid black;">SIGNATURE <i>Michael P. Dallaire</i></td> <td style="width:25%; border-bottom: 1px solid black;">DATE 3/30/05</td> </tr> </table> <p><small>WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.</small></p>				PRINTED NAME AND TITLE Michael P. Dallaire, Radiation Safety Officer	SIGNATURE <i>Michael P. Dallaire</i>	DATE 3/30/05	
PRINTED NAME AND TITLE Michael P. Dallaire, Radiation Safety Officer	SIGNATURE <i>Michael P. Dallaire</i>	DATE 3/30/05					

CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

INSTRUCTIONS

Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064



Advanced Instrumentation for Density
& Moisture Testing of Soils & Pavements

CPN International, Inc.
10000 W. 16th Ave.
Denver, CO 80202
Phone: (303) 428-0100
Fax: (303) 428-0101
Email: info@cpnintl.com

Return Authorization Number: 0803

LETTER OF RECEIPT OF GAUGE / SEALED SOURCE

To Radioactive Material Licensing Agencies:

CPN International Inc. has taken possession of the following nuclear gauge(s). A certificate of leak test is on file.

Date of Transfer: September 23, 2004

Model No. MC-3

Serial No. M30079713

Activity: 10 mCi

Nuclide: Cs-137

Activity: 50 mCi

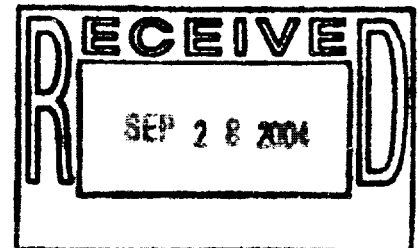
Nuclide: Am-241/Be

Licensee: Federal Highway Administration
21400 Ridgetop Circle
Sterling, VA 20166

Attn: Scott A. Saunders

Ph: 703-404-6268

Douglas Carter
Radiation Safety Officer
CPN International, Inc.
(California License No. 1100-07)





FEDERAL HIGHWAY ADMINISTRATION
Eastern Federal Lands Highway Division
Central Laboratory Sevierville TN (856) 453-7123
Nuclear Gauge Wipe Test

To Health and Physics
Room C125, Bldg. 245
National Institute of Standards
Gaithersburg, MD 20889

*Send
original to:*

From Federal Highway Administration
Leonard A. Inwood
Sevierville, TN 37862
(856) 453-7123
Fax: (856) 453-7435
License: US Department of Transportation
Federal Highway Administration
21400 Ridgetop Circle
Sterling, Virginia 20166-6511

License Number 45-13691-01 (amendment 19)
Expiration date November 30, 2011

This wipe test is for gauge serial # M30079713, Campbell Pacific Nuclear Moisture Density Gauge.

Density:
Material: Cesium 137, Quantity 10 millicurie
Moisture:
Material: Americium 241 / Beryllium, Quantity 50 millicurie

Wipe Test date performed 07-26-2004
Wipe test number # 43
By Leonard A Inwood

Remarks:

Test Results: Test number 39

Net activity is <.0005 uCi

Date August 10, 2004

By: Richard Clement 

Title: Supervisory Health Physicist

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

3/30/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ TEAM 45-13691-01 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 136816.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

136816

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
21400 RIDGETOP CIRCLE
STERLING, VA 20166-6511

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

Licensing Assistant Section
Nuclear Materials Safety Branch
U.S. Nuclear Regulatory Commission, Region 1
475 Allendale Road
King of Prussia, PA 19406-1415

19406+1431 02



BETWEEN: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 03121
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: EX 3P
 : Exp. Date: 20111130
 : Fee Comments: _____
 : Decom Fin Assur Req'd: N
 : ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION *I*

1. APPLICATION ATTACHED
Applicant/Licensee: TRANSPORTATION, DEPARTMENT OF
Received Date: 20050330
Docket No: 3006627
Control No.: 136816
License No.: 45-13691-01
Action Type: Termination

2. FEE ATTACHED
Amount: _____
Check No.: _____

3. COMMENTS

Signed *M. A. Barbino*
Date *4/14/2005*

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /__/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:
Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed _____
Date _____