

PSEG Service Corporation
Maplewood Testing Services
200 Boyden Ave, Maplewood, NJ 07040
tel: 973.761.1981



October 2, 2008

Docket Number 030-05285
10 CFR § 30.34(b)

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission Region 1
475 Allendale Road
King of Prussia, Pennsylvania 19406-1415

Br. 3

**Re: Notification of Ownership Transfer of Maplewood Testing Services
From PSEG Services Corporation to PSEG Power LLC**

Dear Licensing Assistance Team:

03005285

By this letter and in accordance with 10 CFR 30.34(b), PSEG Services Corporation ("Services") is advising you of the transfer of ownership of the Maplewood Testing Services ("MTS") in Maplewood, New Jersey from Services to PSEG Power LLC ("Power"), both wholly owned subsidiaries of Public Service Enterprise Group ("PSEG"). This transfer has been necessitated by the desire to place MTS under the umbrella of Power for business reasons. As a result of the planned transfer of ownership, Services requests that Nuclear Regulatory Commission Materials License No. 29-02843-01 be transferred from Services to Power.

The ownership transfer will occur on or about January 2, 2009. The location of the licensed materials, response actions, and standard operating procedures will not change. Likewise, the Radiation Safety Officer and other authorized personnel named in the license will not change. This submittal also requests changes to the license due to decommissioning of certain equipment.

Neither Power nor Services is subject to foreign ownership or control. This transfer between PSEG subsidiaries is not inimical to the common defense and security, and does not constitute an unreasonable risk to the health and safety of the public.

Attached please find: (1) completed NRC Form 313; (2) information required for a change of control pursuant to 10 CFR 30.34(b) and NUREG 1556 Vol. 15 sections 5.1 through 5.6; (3) disposal documentation for license line items 6B through 6E; and (4) conforming license changes. Should you have any questions concerning this matter you may contact me at (973) 761-1003 or Vincent Zabielski at (856) 339-1090. Thank you for your consideration in this matter.

Very truly yours,

Handwritten signature of Raymond A. Tripodi.

Raymond A. Tripodi, Manager
PSEG Licenses & Permits
80 Park Plaza; T17
Newark, NJ 07102

Handwritten signature of Bruce P. Hicks.

Bruce P. Hicks
MTS Radiation Safety Officer
200 Boyden Ave.
Maplewood, NJ 07040

2008 OCT -2 AM 10:34

RECEIVED
REGION 1

Attachments

cc: John Valeri, Esq.

142867
NMSS/RGNI MATERIALS-002

ATTACHMENT 1

NRC Form 313

NRC FORM 313
(4-2008)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3160-0120

EXPIRES: 10/31/2008

Estimated burden per response to comply with this mandatory collection request: 4.4 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

APPLICATION FOR MATERIALS LICENSE

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

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

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

03005285
X

IF YOU ARE LOCATED IN:

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

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

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

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER 29-02843-01
- C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

PSEG POWER LLC
80 PARK PLAZA
NEWARK, NJ 07102

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

MAPLEWOOD TESTING SERVICES
200 BOYDEN AVENUE
MAPLEWOOD, NJ 07040

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

BRUCE P. HICKS

TELEPHONE NUMBER (973) 761-1003

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL
a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time. See attached

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. See attached

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE. See attached

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS. NO CHANGE

9. FACILITIES AND EQUIPMENT. See attached

10. RADIATION SAFETY PROGRAM. NO CHANGE

11. WASTE MANAGEMENT. NO CHANGE

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)
FEE CATEGORY N/A AMOUNT ENCLOSED \$ 0.00

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Bruce P Hicks Radiation Safety Officer

SIGNATURE

DATE

10/1/08

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

ATTACHMENT 2

Information Required For A Change of Control Pursuant To 10 CFR 30.34(B) (Sections 5.1 through 5.6 of NUREG 1556, Vol. 15)

5.1 Description of transaction

PSEG Services Corporation, current licensee for NRC License No. 29-02843-01, is a wholly owned subsidiary of Public Service Enterprise Group. PSEG Power LLC is also a wholly owned subsidiary of Public Service Enterprise Group. For business reasons, PSEG Services Corporation is requesting transfer of NRC License No. 29-02843-01 to PSEG Power LLC. The license will remain in its current physical location known as Maplewood Testing Services (MTS).

Also, two pieces of equipment, described below in section 5.3, have been scrapped.

5.2 Changes of personnel

No changes are proposed with regards to personnel to be listed on the NRC license.

5.3 Changes of location, equipment, and procedures

No changes are proposed with regards to location and procedures. The following equipment has been decommissioned:

- License line item 6B, sealed source containing less than or equal to 45 millicuries of Iron 55, Texas Nuclear Model 696-696782; AEA Model 1EC D1.
- License line item 6C, sealed source containing less than or equal to 10 millicuries of Cadmium 109, Texas Nuclear Model 696-696872; AEA Model CUC.D and IPL Model XFB-3).

Applicable disposal documentation is contained in Attachment 2.

5.4 Surveillance Records

No changes are proposed. A review of the status of all applicable surveillance requirements and records was performed and the surveillance program is current and will continue to be current at the time of transfer.

5.5 Decommissioning and related records transfers

There is no change to the status of the facility. There has been no on-site burial and no incineration of materials at the MTS facility. Therefore, there are no records relating to such matters.

MTS is exempt from the requirement to prepare a decontamination plan since the facility does not possess licensed materials at levels that trigger the requirement to develop a decontamination

plan. The license specifically states that the facility may only possess licensed materials in quantities below those specified in 10 CFR § 30.35(d). MTS will continue to operate in conformance.

5.6 Transferee's commitment to abide by the transferor's commitments

PSEG Power LLC commits to abide by all constraints, license conditions, requirements, representations, and commitments identified in and attributed to NRC License No. 29-02843-01.

ATTACHMENT 3

Disposal Documentation for License Line Items 6B through 6E



**Radioactive Materials Transfer Notification
Source Disposal Certificate**

Tuesday, September 30, 2008

Tom Randel / N.C. Roy
PSEG Services Corp

To whom it May Concern,

This letter is to inform you that Thermo NITON Analyzers LLC has received from you the following device containing radioactive material:

Make: TN

Model: 9266

Serial Number: B-487

The unit is now under the ownership of Thermo NITON Analyzers LLC for final disposal due to instrument trade in. Thermo NITON Analyzers LLC is licensed by the State of Massachusetts (Lic. No. 55-0238) to accept portable XRF devices containing sealed sources for disposal. The radioactive sealed sources are removed, stored, and disposed of in accordance with all applicable regulations. If you have any questions regarding this matter please feel free to call me at (978) 670-7460 Ext: 310.

Thank you,

Jim Blute
Radiation Safety Officer
Thermo NITON Analyzers LLC
900 Middlesex Turnpike Bldg. 8
Billerica, MA 01821

Thermo NITON
Analyzers LLC

900 Middlesex Turnpike
Building 8

Billerica, MA 01821
USA

+1 878-670-7480
+1 878-670-7430

www.thermo.com/niton
800-875-1578 (toll free)



**Radioactive Materials Transfer Notification
Source Disposal Certificate**

Tuesday, September 30, 2008

Tom Randel / N.C. Roy
PSEG Services Corp

To whom it May Concern,

This letter is to inform you that Thermo NITON Analyzers LLC has received from you the following device containing radioactive material:

Make: TN

Model: 9266

Serial Number: B-0680

The unit is now under the ownership of Thermo NITON Analyzers LLC for final disposal due to instrument trade in. Thermo NITON Analyzers LLC is licensed by the State of Massachusetts (Lic. No. 55-0238) to accept portable XRF devices containing sealed sources for disposal. The radioactive sealed sources are removed, stored, and disposed of in accordance with all applicable regulations. If you have any questions regarding this matter please feel free to call me at (978) 670-7460 Ext: 310.

Thank you,

Jim Blute
Radiation Safety Officer
Thermo NITON Analyzers LLC
900 Middlesex Turnpike Bldg. 8
Billerica, MA 01821

Thermo NITON
Analyzers LLC

900 Middlesex Turnpike
Building 8

Billerica, MA 01821
USA

+1 978-670-7460
+1 978-670-7430

www.thermo.com/niton
800-875-1578 (toll free)

STRAIGHT BILL OF LADING - SHORT FORM - Original - Not Negotiable Roadway Quote # _____

Pick Up # 28884906

Shipper's No. 12542

(Carrier) Roadway Express (GROUND ONLY) SCAC. _____ Carrier's No. _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at 200 Boyden Ave Maplewood NJ, date 7/25/08 from PSEG Maplewood Testing Service

the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route; or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)
 Consignee R M Wester & Associates Inc FROM: Shipper PSEG Maplewood Testing Service

Street 215 Indacom Drive Street 200 Boyden Ave

Destination St Peters MO Zip 63376 Origin Maplewood NJ Zip 07040-2402

Route: Major Roads & Highways

Delivering Carrier _____ Trailer Initial/Number _____ U.S. DOT Hazmat Reg. Number _____

CONTAINS HAZARDOUS MATERIALS

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1 case	X	Radioactive Material, Type A package, special form, non-fissile or fissile excepted, 7, UN3332, RO ERG 164 One Humboldt Analyzer Model 5001P, SN 2456GH/NJ 00913, Cs-137, 0.37GBq, (10 mCi) and Am-241:Be, 1.48GBq, (40 mCi) TI = 0.2	7	UN3332	n/a	70 lbs	70	Yellow II	

FOR SHIPMENT STATUS, CALL 1-800-ROADWAY



04/07/08
111-081587-X
 Roadway's tariffs are incorporated herein (copies available upon request). Roadway's tariffs limit its liability. This shipment is subject to the terms and conditions of the Uniform Straight Bill of Lading as stated in the NMFC 100 series tariff.

Remit C.O.D. to: _____
 Address: _____
 City: _____ State: _____ Zip: _____
COD AMT: \$ _____
 Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
C. O. D. FEE: Prepaid Collect \$ _____
FREIGHT CHARGES Prepaid Collect

Note: - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
 The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____
 NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(e)(1)(A) and (B). This is to certify that the above-stated contents are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.
PLACARDS REQUIRED none **PLACARDS SUPPLIED** YES NO - FURNISHED BY CARRIER
 DRIVER'S SIGNATURE: _____

SPECIAL INSTRUCTIONS: _____
 SHIPPER: PSEG Maplewood Testing Service CARRIER: Roadway Express (GROUND ONLY)
 PER: _____ DATE: _____ PER: Keith Owen DATE: 7/25/08
200 Boyden Avenue EMERGENCY RESPONSE
Maplewood New Jersey 07040-2402 TELEPHONE NUMBER: (636) 928-9628
 Permanent post office address of shipper
 Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (8172.804).

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING - SHORT FORM - Original - Not Negotiable Roadway Quote #

Pick Up # 2888 4906

Shipper's No. 12541

(Carrier) Roadway Express GROUND ONLY

SCAC

Carrier's No.

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations;

at 200 Boyden Ave Maplewood NJ, date 7/25/08 from PSEG Maplewood Testing Service

The Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

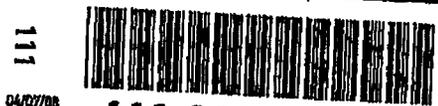
TO: (Mail or street address of consignee for purposes of notification only.)		FROM:	
Consignee R M Wester & Associates Inc		Shipper PSEG Maplewood Testing Services	
Street 215 Indacom Drive		Street 200 Boyden Ave	
Destination St Peters MO Zip 63376		Origin Maplewood NJ Zip 07040-2402	
Route: Major Roads & Highways			

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
--------------------	------------------------	-----------------------------

CONTAINS HAZARDOUS MATERIALS

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	*Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
1 case	X	Radioactive Material, excepted package-instruments or articles, 7, UN2911 ERG 161 One TN Metal Analyzer, Model 9277, SN M-257, 0.148 GBq (4 mCi), and Fe-55, 1.699 GBq (45 mCi)	7	UN2911	n/a	40 lbs	70	173.422 173.424	

FOR SHIPMENT STATUS, CALL 1-800-ROADWAY



111-081586-0
Roadway's tariffs are incorporated herein (copies available upon request). Roadway's tariffs limit its liability. This shipment is subject to the terms and conditions of the Uniform Straight Bill of Lading as stated in the NMFC 100 series tariff.

Remit C.O.D. to: Address: City: State: Zip:	COD AMT: \$	Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	C. O. D. FEE: Prepaid <input type="checkbox"/> Collect <input type="checkbox"/> \$
Note: - where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ per _____	Charges Advanced \$	(Signature of consignor)	FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collect

MOVES: Liability Limitations for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706(a)(1) and (b). This is to certify that the above-mentioned contents are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

PLACARDS REQUIRED: none

PLACARDS SUPPLIED: YES NO - FURNISHED BY CARRIER

DRIVER'S SIGNATURE: _____

SPECIAL INSTRUCTIONS:

SHIPPER: PSEG Maplewood Testing Service

PER: _____ DATE: _____

200 Boyden Avenue
Maplewood New Jersey 07040-2402

CARRIER: Roadway Express

PER: Keith Davis DATE: 7/25/08

EMERGENCY RESPONSE TELEPHONE NUMBER: (636) 928-9628

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (8172.604).

CONTAINS HAZARDOUS MATERIALS

R. M. WESTER & ASSOCIATES, INC.

215 INDA COM DRIVE - ST. PETERS, MISSOURI 63376

rmwester.com

(636) 928-9628 - FAX 636-928-9857

FAX TRANSMISSION COVER SHEET

DATE: 8/1/98

TIME: _____

TO: BRUCE HICKS

COMPANY: ASCOB - Mapland - Tally

NUMBER: 973-761-1085

FROM: ISAAC L. MOYER - CMRA

NUMBER OF PAGES (including cover sheet): 3

COMMENTS: Please send us your copies of shipping papers from our facility to digital facility for the Texas Nuclear and Humboldt. Thanks for your business and support.

Chad

"SPECIALIZING IN YOUR RADIATION SAFETY NEEDS"

STRAIGHT BILL OF LADING - SHORT FORM - Original - Not Negotiable Roadway Quot. **10/22/08**

Pick Up # **29029786**
 Shipper's No. **12553**

(Carrier) **Roadway Express** **SOAC** Carrier's No. _____
 RECEIVED subject to backhaul demurrage rates or contracts that have been agreed upon in writing between the shipper and shipper, if applicable, otherwise to the rates, classification and rules that have been established by the carrier and are subject to the driver, on request, and all applicable state and federal regulations.

at **215 Indacom Drive St Peters MO** date _____ from **R M Wester & Associates Inc**
 The Property described herein, in apparent good order, except as noted (contents and condition of contents of packages unknown), packed, boxed, and classified as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under this contract) agrees to carry to the destination, if any, in this bill of lading, to deliver to another carrier on the route to said destination, if it is mutually agreed upon in writing between the shipper and carrier, and to be subject to all the conditions not prohibited by law, which are printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only)	FROM:
Consignee Thermo Fisher Scientific	Shipper R M Wester & Associates Inc
Street 1410 Gillingham	Street 215 Indacom Drive
Destination Sugar Land TX Zip 77478	Origin St. Peters MO Zip 63376
Route: Major Roads & Highways	

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
--------------------	------------------------	-----------------------------

Quantity	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	Weight (net/gross)	Class or rate	Labels required (or exemption)	Check column
1 box	X	Radioactive Material, excepted package-instruments or articles, 7, UN2911 (RAM) IFC 161	7	UN2911	n/a	40 lbs	07D	173.422 173.424	
		Contains one Texas Nuclear Analyzer, Model #9271, SN H-251, Co-109, 0.148 GBq (4 mCi) and Fe-55, 1.699 GBq (45 mCi)							
		RMA # 30881							

FOR SHIPMENT STATUS, CALL 1-800-ROADWAY



Roadway's bills are pre-generated based on the information you provide. Roadway bills are subject to change. The shipment is subject to the terms and conditions of the Uniform Freight Bill of Lading as stated in the NAC 100 series book.

Remit C.O.D. to:
 Address: _____ State: _____ Zip: _____
 City: _____

GOD AMT: \$ _____
 Charges Advanced \$ _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not assume liability of this shipment without payment of freight and all other loads charges.

C. O. D. FEE:
 Prepaid
 Collect \$ _____

PLACARDS REQUIRED: none PLACARDS SUPPLIED: YES NO FURNISHED BY CARRIER

SPECIAL INSTRUCTIONS:

SHIPPER: **R M Wester & Associates Inc** CARRIER: **Roadway Express**
 PER: **Shane Miller** DATE: **8/11/08** PER: **Mike Dunning** DATE: **8/11/08**
 215 Indacom Drive
 St. Peters, MO 63376
 EMERGENCY RESPONSE: **636-1-928-9628**

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING - SHORT FORM - Original - Not Negotiable Roadway Motor

Pick Up # 12554
 Shipper's No. 12554

(Carrier) Roadway Express SCAC SCAC Carrier's No. 12554

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request, and all applicable state and federal regulations.

at 215 Indacom Drive St Peters MO, date _____ from R M Wester & Associates Inc

The Property described below, in apparent good order, except as noted (contents and condition of contents of packages (unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: (Mail or street address of consignee for purposes of notification only.)		FROM:	
Consignee <u>Humboldt Scientific Inc</u>		Shipper <u>R M Wester & Associates Inc</u>	
Street <u>551-D Pylon Drive</u>		Street <u>215 Indacom Drive</u>	
Destination <u>Raleigh NC</u> Zip <u>27606</u>		Origin <u>St Peters MO</u> Zip <u>63376</u>	
Route: <u>Major Roads & Highways</u>			

Delivering Carrier	Trailer Initial/Number	U.S. DOT Hazmat Reg. Number
--------------------	------------------------	-----------------------------

No. of packages	HM	Description of articles, special marks, and exceptions	Hazard Class	I.D. Number	Packing Group	Weight (subject to correction)	Class or rate	Labels required (or exemption)	Check column
<u>1</u>	<u>X</u>	<u>Radioactive Material, Type A</u>	<u>7</u>	<u>UN3332</u>	<u>n/a</u>	<u>70 lbs.</u>	<u>G70</u>	<u>Yellow II</u>	
		<u>package, special form, 7, UN3332 (RAM)</u>							
		<u>ERG 164</u>							
		<u>Contains one Humboldt Analyzer,</u>							
		<u>Model 5001P SN 2456GH/NJ 00913,</u>							
		<u>Cs-137, 0.37 GBq (10 mCi), and</u>							
		<u>Am-241:Be, 1.48 GBQ (40 mCi)</u>							
		<u>TI=0.2</u>							
		<u>RMA submitted for approval</u>							
		<u>RMW PO# 718232</u>							

FOR SHIPMENT STATUS, CALL 1-800-ROADWAY



341-498750-1
 Roadway's tariffs are incorporated herein (copies available upon request). Product, tariff, limit on liability. This shipment is subject to the terms and conditions of the Uniform Straight Bill of Lading as stated in the NMFC 100 series tariff.

Remit C.O.D. to: Address: City: _____ State: _____ Zip: _____	COD AMT: \$ _____	Subject to Section 7 of conditions. If this shipment is to be returned to the consignor without payment on the consignor, the consignor shall sign the following statement: The consignor shall not receive delivery of this shipment without payment of freight and all other lawful charges. (Signature of consignor)	C. O. D. FEE: Prepaid <input type="checkbox"/> Collect <input type="checkbox"/>
This agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ (The agreed or declared value of the property may be registered. See all U.S.C. 5620-5621(a)(2) and the U.S. Department of Transportation's regulations.)	Charges Advanced \$ _____		FREIGHT CHARGES <input checked="" type="checkbox"/> Prepaid <input type="checkbox"/> Collected

PLACARDS REQUIRED none PLACARDS SUPPLIED YES MO - FURNISHED BY CARRIER DRIVER'S SIGNATURE [Signature]

SPECIAL INSTRUCTIONS:

SHIPPER: R M Wester & Associates Inc CARRIER: Roadway Express
 PER: [Signature] DATE: 8/1/05 PER: [Signature] DATE: 8-1-05
215 Indacom Drive EMERGENCY RESPONSE TELEPHONE NUMBER: (636) 928-9678
St Peters Missouri 63376

Marked in all cases the Hazardous Materials to be transported including air, rail, and water transportation.

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

ATTACHMENT 4
Conforming Changes

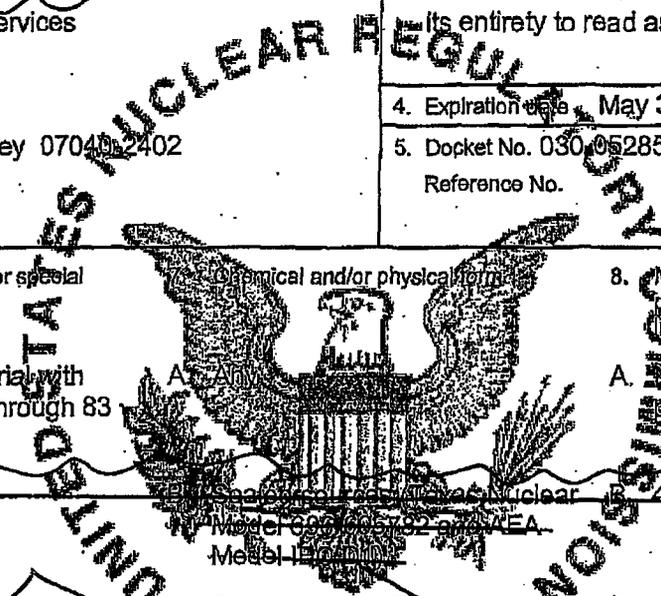
30

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 1, Parts 80, 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>Licensee Power LLC</p> <p>1. PSEG Services Corporation Maplewood Testing Services</p> <p>2. 200 Boyden Avenue Maplewood, New Jersey 07040-2402</p>	<p>In accordance with the letter dated April 27, 2008,</p> <p>3. License No. 29-02843-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date, May 31, 2015</p> <p>5. Docket No. 030-05285 Reference No.</p>
---	--

<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with Atomic Numbers 1 through 83</p> <p>B. Iron-56</p> <p>C. Cadmium-109</p> <p>D. Cesium-137</p> <p>E. Americium-241</p> <p>F. Americium 241</p>	<p>Chemical and/or physical form</p> <p>A. Any</p> <p>B. Sealed source (Texas Nuclear Model 696-696872, AEA Model GUC-D1 and IPI Model XEB-3)</p> <p>C. Sealed source (Texas Nuclear Model 696-696872, AEA Model GUC-D1 and IPI Model XEB-3)</p> <p>D. Sealed sources (Humboldt Model 2200054)</p> <p>E. Sealed neutron sources (Humboldt Model 2200087; TN-696-696872, 696-696863, 696-696893)</p> <p>F. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. Not to exceed 100 microcuries per radionuclide and 10 millicuries total</p> <p>B. 45 millicuries</p> <p>C. 10 millicuries</p> <p>D. 100 millicuries</p> <p>E. 500 millicuries</p> <p>F. 5.0 microcuries</p>
---	---	---



MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
29-02843-01

Docket or Reference Number
030-05285

Amendment No. ~~29~~ 30

9. Authorized use:

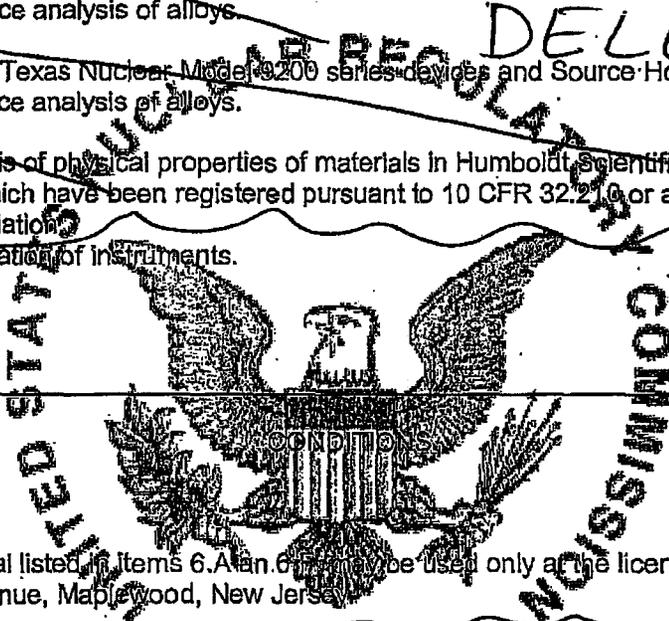
A. For use in calibration of instruments and possession incidental to performing leak tests of Public Service Electric and Gas Company sealed sources.

B. and C. For use in Texas Nuclear Model 9200 series devices and Source Housing Model 9277 for x-ray fluorescence analysis of alloys.

C. and E. For use in Texas Nuclear Model 9200 series devices and Source Housing Model 9266 for x-ray fluorescence analysis of alloys.

D. and E. For analysis of physical properties of materials in Humboldt Scientific, Inc Model 5001 portable gauges which have been registered pursuant to 10 CFR 32.210 or an equivalent Agreement State regulation.

F. For use in calibration of instruments.



10. A. Licensed material listed in Items 6.A and 6.F may be used only at the licensee's facilities located at 200 Boyden Avenue, Maplewood, New Jersey.

B. Licensed material listed in Items 6.B through 6.E may be used at the licensee's facilities located at 200 Boyden Avenue, Maplewood, New Jersey 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.

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. Licensed material in Item 6. A. and 6.F. shall be used by or under the supervision of Bruce P. Hicks

B. Licensed material in Item 6. B, C and E. shall be used by or under the supervision of Ray Terek, John Szesko or Minh Tran.

C. Licensed material in Item 6. D and E shall be used by, or under the supervision of and physical presence of Phil Conte, John Szesko, Mark Jackson, Carter Hall or Dave Despotovich or individuals

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
29-02843-01

Docket or Reference Number
030-05285

Amendment No. ~~29~~ 30

who have successfully completed the manufacturer's training program for gauge users, have been instructed in the licensee's routine and emergency operating procedures and who have been designated in writing by the Radiation Safety Officer.

12. The Radiation Safety Officer for this license is Bruce P. Hicks.
13. 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), for establishing decommissioning financial assurance.
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 by this license.
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. 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.
- D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
- E. 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.
- F. 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

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
29-02843-01

Docket or Reference Number
030-05285

Amendment No. 29 30

immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.

- G. Tests for leakage and/or contamination, including leak test sample collection and analysis, 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.
- H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
- 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 or storage, or when not under the direct surveillance of an authorized user.
- 18. 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 by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- 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 January 27, 2005 ML050310302
 - B. Letter dated April 15, 2005 ML051160045
 - C. Letter dated January 3, 2006 ML060110440
 - D. Letter dated April 27, 2006 ML061230417

For the U.S. Nuclear Regulatory Commission

Date May 22, 2006

By

Jenny Johansen
Jenny Johansen

Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I

King of Prussia, Pennsylvania 19406-1415
Monday, May 22, 2006 10:32:13 AM

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

10/2/08, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (29-02843-01)
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** 142867.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader