

## ACCEPTANCE REVIEW MEMO (ARM)

Licensee: JTL Group Inc.

License No.: 49-27673-01

Docket No.: 030-35411

Mail Control No.: 471089

Type of Action: **TERMINATION**

Date of Requested Action: 08-11-06

Reviewer  
Assigned:

ARM reviewer(s): Torres

Response	Deficiencies Noted During Acceptance Review
JTL licensee has agreed to pay his invoice amt - per Brenda B + the individual.	<ul style="list-style-type: none"><li><input type="checkbox"/> Open ended possession limits. Limit possession. Submit inventory.</li><li><input type="checkbox"/> Submit copies of most recent leak test results.</li><li><input type="checkbox"/> Add - delete IC license condition. Add IC paragraph in cover letter.</li><li><input type="checkbox"/> Split license from cover letter. Add SUNSI marking to license.</li><li><input type="checkbox"/> Ask the licensee if they have any type-amount of EPAct Material.</li></ul>
	<b>REVIEWER:</b> Add to cover letter that licensee still owes \$2900 annual fee

Reviewer's Initials: BGB

Date: 10/18/06

- ☐ Yes ☐ No Unrestricted release Group 2 or >: Transfer memo to FCDB within 10 days.
- ☐ Yes ☐ No Decommissioning notification should be completed within 30 days.
- ☐ Yes ☐ No Termination request < 90 days from date of expiration
- ☐ Yes ☐ No Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
- ☐ Yes ☐ No TAR needed to complete action.

Branch Chief's and/or Sr. HP's Initials: \_\_\_\_\_ Date: \_\_\_\_\_

### SUNSI Screening according to RIS 2005-31

☐ Yes ☒ No **Non-Publicly Available, Sensitive** if any item below is checked

General guidance:

- \_\_\_\_\_ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule
- \_\_\_\_\_ Exact location of RAM (whether = or > than Category 3 or not)
- \_\_\_\_\_ Design of structure and/or equipment (site specific)
- \_\_\_\_\_ Information on nearby facilities
- \_\_\_\_\_ Detailed design drawings and/or performance information
- \_\_\_\_\_ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

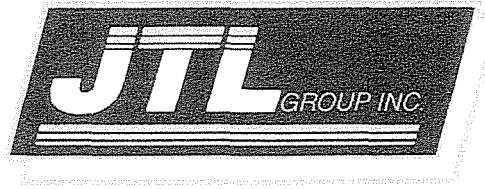
- \_\_\_\_\_ RAM quantities and inventory
- \_\_\_\_\_ Manufacturer's name and model number of sealed sources & devices
- \_\_\_\_\_ Site drawings with exact location of RAM, description of facility
- \_\_\_\_\_ RAM security program information (locks, alarms, etc.)
- \_\_\_\_\_ Emergency Plan specifics (routes to/from RAM, response to security events)
- \_\_\_\_\_ Vulnerability/security assessment/accident-safety analysis/risk assess
- \_\_\_\_\_ Mailing lists related to security response

Branch Chief's and/or Sr. HP's Initials: RTC

Date: 8/18/06

ADAMS # ML062360562

Template  
Date 8/24/06 QC'd by Sm



(307) 237-9346 • P.O. BOX 730 • CASPER, WYOMING 82602-0730

RECEIVED  
OCT 03 2006  
DNMS

August 11, 2006

Mr. Bob Brown, Senior Health Physicist  
Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-4005

RE: NRC License # 49-27673-01, Troxler Gauge Model 3450, Serial #000499

SUBJ: Notice of Transfer of Materials

Dear Mr. Brown:

In order to timely comply with the with the Commission's rules and regulations, JTL Group, Inc. has elected to market our gauge for transfer in accordance with NRC Form 314 in acknowledgment of the recent loss of our Company's regulatory safety officer. As discussed in our phone conversation with yourself and Vivian H. Campbell yesterday, we have succeeded with this plan. As of 11:30 this morning, Worthington, Lenhart & Carpenter, Inc. (WLC) will be the new keeper of the above referenced material within your jurisdiction. Please transfer the responsibility for payment of Invoice #AM4173-06 recently received to WLC for they will be the new recognized owner. Enclosed with this notice are the following documents.

1. NRC FORM 314.
2. Copy of the "Straight Bill of Lading."
3. Copy of WLC's "Materials License."
4. Copy of current "Leak Test Certification" dated March 08, 2006.
5. Copy of Invoice #AM173-06.

If you have any questions or comments, please contact me at (307) 237-9346, extension 20, or by email at [terry.alldredge@jtlgroup.com](mailto:terry.alldredge@jtlgroup.com).

Sincerely,

JTL Group Inc.

Terry D. Alldredge  
President/General Manager

TA:ta

CC: Lani Declue, Worthington, Lenhart & Carpenter  
Pat Hayden – JTL, Billings



WE ARE AN EQUAL OPPORTUNITY EMPLOYER

No. 471089

<b>NRC FORM 314</b> (6-2004) 10 CFR 30.39(j)(1); 40.42(j)(1); 70.38(j)(1); and 72.54(j)(1)		<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	
<b>CERTIFICATE OF DISPOSITION OF MATERIALS</b>		<b>APPROVED BY OMB: NO. 3150-0028</b>	
		<b>EXPIRES: 09/30/2007</b>	
<b>LICENSEE NAME AND ADDRESS</b>  JTL Group, Inc. 1461 Bryan Stock Trail Casper, WY 82609		<b>LICENSE NUMBER</b> 49-27673-01	<b>DOCKET NUMBER</b> 030-35411
		<b>LICENSE EXPIRATION DATE</b> August 31, 2010	
<b>A. LICENSE STATUS (Check the appropriate box)</b>			
<input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> This license has not yet expired; please terminate it.			
<b>B. DISPOSAL OF RADIOACTIVE MATERIAL</b>			
<i>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</i>			
The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:			
<input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.			
<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.			
<input checked="" type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below: License # 49-27067-01			
<input type="checkbox"/> b. Disposal of radioactive materials:			
<input type="checkbox"/> 1. Directly by the licensee:			
<input type="checkbox"/> 2. By licensed disposal site:			
<input type="checkbox"/> 3. By waste contractor:			
<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.			
<b>C. SURVEYS PERFORMED AND REPORTED</b>			
<input type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:			
<input type="checkbox"/> a. the absence of licensed radioactive materials			
<input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.			
<input checked="" type="checkbox"/> 2. A copy of the radiation survey results:			
<input checked="" type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); <input type="checkbox"/> c. was forwarded to NRC on: _____ Date			
<input type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and			
<input 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.			
<b>The person to be contacted regarding the information provided on this form:</b>			
<b>NAME</b> Terry D. Alldredge		<b>TITLE</b> President / General Mgr	<b>TELEPHONE (Include Area Code)</b> 307-237-9346
<b>E-MAIL ADDRESS</b>			
Mail all future correspondence regarding this license to:			
<b>C. CERTIFYING OFFICIAL</b>			
I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT			
<b>PRINTED NAME AND TITLE</b> Terry D. Alldredge General Manager		<b>SIGNATURE</b> <i>Terry D. Alldredge</i>	<b>DATE</b> 8-11-06
<b>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.</b>			

## STRAIGHT BILL OF LADING

ORIGINAL—NOT NEGOTIABLE

Shipper No. \_\_\_\_\_

Carrier No. \_\_\_\_\_

Page 1 of 1JTL Group, Inc  
(Name of carrier)

(SCAC)

Date 8-11-2006

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec. 1.

## TO:

Consignee Worthington, Lenhart & CarpenterStreet 200 PronghornCity CasperState WYZip Code 82601

## FROM:

Shipper JTL Group, Inc

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

24 hr. Emergency Contact Tel. No. \_\_\_\_\_

Route \_\_\_\_\_

Vehicle  
Number \_\_\_\_\_

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class Identification Number (UN or NA) per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1-A	X	Radioactive Material Type "A" Package Special Form: Non Fissile or Fissile Excepted UN3332 RQ Am-241, 1.48 GBQ (40mci) Cs-137 0.3 GBQ (8mci) Radioactive Yellow II Label Transportation Index 06 USNRC Approval # D.O.T. 7A Serial # of Gauge 00499 Serial # of Sources 47-8387 750-6850 Terry Allbrege, Pres (307) 237-9346				

PLACARDS TENDERED: YES ☐ NO ☒REMIT  
C.O.D. TO:  
ADDRESS

COD

Amt: \$

C.O.D. FEE:  
PREPAID ☐  
COLLECT ☐ \$TOTAL  
CHARGES: \$FREIGHT CHARGES  
FREIGHT PREPAID ☐  
except when box at ☐ right is checked  
Check box if charges ☐ are to be 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 \_\_\_\_\_

I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by ☒ Rail ☐ Highway ☐ Water (DELETE NON-APPLICABLE MODE OF TRANSPORT) according to applicable international and national governmental regulations.Peggy J. McInnis Signature

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, 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 said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER JTL Group, IncPER Company VehicleX Peggy J. McInnis

Permanent post-office address of shipper:

CARRIER JTL Group, IncPER Company VehicleDATE 8-11-06

STYLE F65 LABELMASTER, Div. of American Labelmark Co., Chicago, IL 60646 800-621-5808



"Your One Stop for Calibration & Service"

100 E. Highway 67  
Kecne, Texas 76059  
(817) 648-0892  
(817) 648-7560 Fax

702 West 48th Avenue Unit H  
Denver Colorado 80216  
(303) 292-2412  
(303) 292-2409 Fax

Attention: Rose Velasquez

JTL Group  
1461 Bryan Stock Trail  
Casper, WY 82602

**Certificate Number: OSCSC568**

### Leak Test Certificate

**Gauge Serial Number: 499**  
**Sample Procedure by: OSCS**

**Gauge Model: 3450**  
**Sample Date: 03/08/2006**

<b>Sealed Source Isotope:</b>	<b>Activity:</b>	<b>Removable Contamination:</b>
Cs-137 (gamma)	8 mCi	< .005 $\mu$ Ci
Am-241 (alpha)	40 mCi	< .005 $\mu$ Ci

The analysis procedure was performed on 03/13/2006 by Duane Hevly.

**This portable nuclear gauge displays no removable contamination and may remain in active service.**

The .001  $\mu$ Ci Cs-137 and Am-241 calibration check sources are NIST traceable.  
The survey meter used to perform the analysis was calibrated on 3 January 2006.  
Federal and Agreement State limits for removable contamination is 0.005  $\mu$ Ci ( $5.0 \times 10^{-3}$   $\mu$ Ci).  
Duane A. Hevly is authorized to analyze portable and fixed gauge leak test samples containing Co-60, Cs-137 and Am-241; State of Washington License Number: WN-10335-1.

Notice: The RSO or owner of the gauge that fails the leak test analysis will be alerted immediately by telephone, e-mail and or fax to remove the gauge from active service.

Certified by:

A handwritten signature in cursive script that reads "Duane A. Hevly".  
Duane A. Hevly

**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>Licensee</p> <p>1. Worthington, Lenhart &amp; Carpenter, Inc.</p> <p>2. 200 Pronghorn Casper, Wyoming 82601</p>	<p>In accordance with application dated March 12, 2001</p> <p>3. License number 49-27067-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date May 31, 2011</p> <p>5. Docket No. 030-32144 Reference No.</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium-137</p> <p>B. Americium-241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license</p> <p>B. Sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device as specified in Item 9 of this license</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 NRC or an Agreement State</p> <p>B. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State</p>
<p>9. Authorized use</p> <p>A. and B. To be used, for measuring physical properties of materials, in compatible Troxler Electronic Laboratories, Inc., portable gauging devices that have been registered either with NRC under 10 CFR 32.210 or with an Agreement State and have been distributed in accordance with an NRC or Agreement State specific license authorizing distribution to persons specifically authorized by an NRC or Agreement State license to receive, possess, and use the devices.</p>		

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
49-27067-01Docket or Reference Number  
030-32144

Amendment No. 03

**CONDITIONS**

10. Radioactive material shall be used only at the following:

- A. 200 Pronghorn, Casper Wyoming.
- B. Temporary job sites anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating 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. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated March 12, 2001.

12. A. The Radiation Safety Officer (RSO) for this license is Gregory L. Biggs.

- 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 Criteria in Section 8.8 of NUREG-1556, Volume 1 dated May 1997.

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 NRC under 10 CFR 32.210 or by an Agreement State.

- B. 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 NRC under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.

- C. Sealed sources need not be leak 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.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
49-27067-01Docket or Reference Number  
030-32144

Amendment No. 03

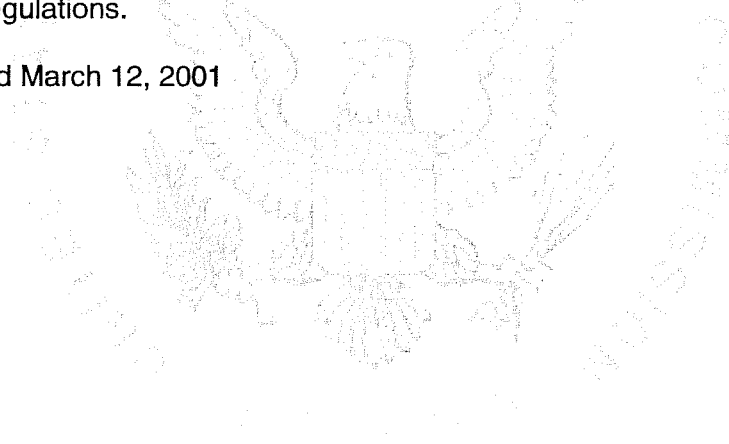
- D. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not 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.
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 6 months, or at other interval approved by NRC, to account for all sources and/or devices received and possessed under the license.
16. Each portable 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.
17. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from NRC 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.
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 other persons specifically licensed by the Commission or an Agreement State to perform such services.
19. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
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.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
49-27067-01Docket or Reference Number  
030-32144

Amendment No. 03

- 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.
21. 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.
22. 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 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 March 12, 2001



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date May 9, 2001

By

M. C. Hernandez  
Christi Hernandez, Health Physicist  
Nuclear Materials Licensing Branch  
Region IV  
Arlington, Texas 76011

AUG 21 2006  
DATE

This is to acknowledge the receipt of your letter/application dated 08-11-06, and to inform you that the initial processing, which includes an acceptance review, has been performed.

☒ There were no administrative omissions. Your application will be 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:

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The action you requested is normally processed in 90 days.

☐ A copy of your action has been forwarded to the NRC Office of the Chief Financial Officer, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 471089.

When you call to inquire about this action, please refer to this mail control number.

You may call me at 817/860-8103.

Sincerely,

*Cullen Murnahan*  
Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

(FOR LEMS USE)  
INFORMATION FROM LTS

Program Code: 03121  
Status Code: 0  
Fee Category: 3P  
Exp. Date: 20100831  
Fee Comments:  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: JTL GROUP, INC.  
Received Date: 20060811  
Docket No: 3035411  
Control No.: 471089  
License No.: 49-27673-01  
Action Type: Termination

2. FEE ATTACHED

Amount:  
Check No.:

3. COMMENTS

Signed *William Mendenhall*  
Date 8-27-06

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 \_\_\_\_\_