

DL-100298-02

October 2, 1998

Interstate Nuclear Services
ATTN: Mr. Glenn Roberts
Health Physicist
P. O. Box 51957
Springfield, MA 01151

SUBJECT: TRANSMITTAL AND EXPLANATION OF AMENDMENT TO LICENSE NO. 20-25222-01 (REFERENCE CONTROL NO. 257886; DOCKET NO. 030-32981)

Dear Mr. Roberts:

Enclosed please find Amendment No. 1 to your NRC materials license. Changes to the license are printed in **BOLD** typeface.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify this office (ATTN: Ms. Diane Heim at (404) 562-4723) so that we can provide appropriate corrections and answers.

Note that as part of this amendment, in accordance with 10 CFR 30.36, effective February 15, 1996, the expiration date of your license has been extended by a period of five years. Your new expiration date is stated in Item 4 of the license. Unless your license has been terminated, you must conduct your program involving byproduct materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

1. Operate in accordance with NRC regulations 10 CFR 19, "Notices, Instructions and Reports to Workers; Inspection and Investigations"; 10 CFR 20, "Standards for Protection Against Radiation"; and other applicable regulations.
2. Notify NRC, in writing, within 30 days
 - a. when an authorized user or Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or
 - b. when the licensee's mailing address changes (no fee is required if the location of byproduct material remains the same)

3. In accordance with 10 CFR 30.36(d) and/or license condition, notify NRC promptly, in writing, and request amendment or termination of the license.
 - a. when you decide to terminate all activities involving materials authorized under the license; or
 - b. when you decide to terminate licensed activities in a separate building or outdoor area identified on your license.
4. Request and obtain a license amendment before you:
 - a. change Radiation Safety Officer;
 - b. order byproduct material in excess of the amount, or a different radionuclide or form other than authorized on the license;
 - c. add to or change the areas of use or address (or addresses) of use identified in the license application or on the license;
 - d. change ownership of your organization.
5. Submit a complete renewal application with proper fee or termination request at least 30 days before the expiration date of your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of byproduct material after your license expires is a violation of NRC regulations. Transfer of licensed materials must be consistent with 10 CFR 30.41, 40.51 or 70.42, as applicable. A license will not normally be renewed, except on a case-by-case basis, in instances where licensed material has never been possessed or used.

In addition, please note that NRC Form 313 requires the applicant, by his/her signature, to verify that the applicant understands that all statements contained in the application are true and correct to the best of the applicant's knowledge. The signature on the application should be the licensee or certifying official rather than a consultant.

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a Notice of Violation, or imposition of a Civil Penalty, or an order suspending, modifying or revoking your license as specified in the most current version of the "General Statement of Policy and procedures for NRC Enforcement Actions," NUREG-1600. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken against those who do not achieve the necessary attention to detail and standard of compliance expected of licensees.

Interstate Nuclear Services

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Thank you for your cooperation.

Sincerely,

*original signed by
T. Decker for:*

Jay L. Henson, License Reviewer
Division of Nuclear Materials Safety

- Enclosures: 1. Amendment No. 1
License No. 20-25222-01
2. NRC Form 313

OFFICE	R11:DNIS	R11:DNIS	R11:DNIS						
SIGNATURE	<i>JLH</i>	<i>JLH</i>	<i>Chobby</i>						
NAME	JHenson	TDecker	Chobby						
DATE	10/2/98	10/2/98	10/2/98	10/ /98	10/ /98	10/ /98	10/ /98	10/ /98	10/ /98
REPLY	YES <input checked="" type="radio"/> NO	YES <input checked="" type="radio"/> NO	YES <input checked="" type="radio"/> NO	YES <input type="radio"/> NO					

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\MRS11\DNIS\CVLTR\257006.JH

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

March 20, 1998, and to inform you that the initial processing which includes an administrative review has been performed.

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 257 886
When calling to inquire about this action, please refer to this control number.
You may call me at 404-562-4723.

Sincerely,

Licensing Assistant

Diane,

Please have the reviewer fill out the TAC form and track staff hours. This is a full cost case we bill the licensee every quarter.

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 03218
Status Code: 0
Fee Category: 6A
Exp. Date: 20031231
Fee Comments:

Decom Fin Assur Req: Y

Send Tac form with sta
hours to Maurice Messier

LICENSE FEE TRANSMITTAL

A. REGION II

1. APPLICATION ATTACHED

Applicant/Licensee: INTERSTATE NUCLEAR SERVICES
Received Date: 980406
Docket No: 3032981
Control No.: 257886
License No.: 20-25222-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 1000.00
Check No: 088345

3. COMMENTS

Signed DIANE HEIM
Date 4/9/98

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

1. Fee Category and Amount: 6A \$1000

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

3. OTHER

Full Cost

Log	Apr 3 II
Remitter	
Check No.	088345
Amount	\$1000
Fee Category	6A
Type of Fee	Amend
Date Checked	
Date Collected	4/14/98
By:	Jem

\$1000 will be credited to full cost

Signed Rita Messier
Date 4/14/98

cc Maurice Messier

OFFICIAL RECORD COPY 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); license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Interstate Nuclear Services</p> <p>2. P. O. Box 51957 Springfield, Massachusetts 01151</p>	<p>In accordance with letter dated March 20, 1998</p> <p>3. License No. 20-25222-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date December 31, 2003</p> <hr/> <p>5. Docket No. 030-32981 (39-19727-01)</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with Atomic Numbers 1 through 83 inclusive</p> <p>B. Natural or depleted uranium or natural thorium</p> <p>C. Uranium 235, or plutonium</p> <p>D. Any radioactive material with Atomic Numbers 84 through 102, except source or special nuclear material</p> <p>E. Any byproduct material</p>	<p>7. Chemical and/or physical form</p> <p>A. Contamination on garments, other launderable reusable items, equipment, machinery, protective devices and associated wastes</p> <p>B. Contamination on garments, other launderable reusable items, equipment, machinery, protective devices and associated wastes</p> <p>C. Contamination on garments, other launderable reusable items, equipment, machinery, protective devices and associated wastes</p> <p>D. Contamination on garments, other launderable reusable items, equipment, machinery, protective devices and associated wastes</p> <p>E. Calibration standards</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 37 gigabequerels (1 curie) total</p> <p>B. 10 kilograms total</p> <p>C. 350 grams of U-235, 220 grams of plutonium, or any combination where total grams of U-235/350 plus total grams of plutonium/200 is less than or equal to one</p> <p>D. 370 megabequerels (MBq) (10 millicuries)</p> <p>E. 37 MBq (1 millicurie) total</p>
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License No
20-25222-01Ticket No.
030-32981 (39-19727-01)Amendment No.
01**9. Authorized Use:**

- A. through D. **To perform decontamination and decommissioning activities in accordance with decommissioning plan submitted March 20, 1998, and supplementary documents dated April 9, September 23, and October 1, 1998.**
- E. **For calibrating instrumentation**

CONDITIONS

10. **Licensed material shall be only used at the laundry facility at 2001 Laigh Road, Portsmouth, Virginia.**
11. **Licensed materials shall be used by, or under the supervision of Susan E. Jones, Paul R. Manley, Stephen Williams, Leslie B. Case, Michael R. Fuller, or Glenn E. Roberts.**
12. **The Radiation Protection Officer for the activities authorized on this license is Glenn E. Roberts.**
13. **Discharges to the municipal sanitary sewerage system shall comply with the requirements of 10 CFR 20.2003 regarding form of materials. after January 1, 1994.**
14. A. **Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.**
- B. **Notwithstanding Paragraph A of this Condition, sealed sources designed to 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 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.**
- D. **Sealed sources need not be leak tested if**
- (i) **they contain only hydrogen-3, or**
 - (ii) **they contain only a radioactive gas, or**
 - (iii) **the half-life of the isotope is 30 days or less; or**
 - (iv) **they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or**

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.

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Amendment No.

01

14. D. (v) they are not designed to emit alpha particles, 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 or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- E. The leak test shall be capable of detecting the presence of 185 becquerels (Bq) (0.005 microcuries) of radioactive material on the test sample. If the test reveals the presence of 185 Bq (0.005 microcuries) 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 II, ATTN: Chief, Nuclear Materials Licensing/Inspection Branch, 61 Forsyth Street S.W., Suite 23T85, Atlanta, GA 30303. The report shall specify the source involved, the test results, and corrective action taken.
- F. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.
15. 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."
16. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the limits specified in 10 CFR 30.72 which require consideration of the need for an emergency plan for responding to a release of licensed material.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License No.
20-25222-01

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Amendment No.
01

17. 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 October 1, 1992

B. Letters dated:

- (1) January 28, 1993
- (2) March 30, 1993
- (3) March 20, 1998 [decommissioning plan]
- (4) April 9, 1998 [clarification of correct license number]
- (5) September 23, 1998 [additional information for decommissioning plan]
- (6) October 1, 1998 [clarification of September 23, 1998, letter, and additional information regarding use of contractors]

C. NRC letter dated:

- (1) April 1, 1993 [20 micron filtration, solubility requirements]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

JAY L. HENSON

DATE OCT 02 1998

BY

Jay L. Henson
Region II, Division of Nuclear Materials Safety
61 Forsyth Street, Suite 23T85
Atlanta, GA 30303

*Completed
10/2/98*