

OFFICIAL RECORD COPY MATERIALS LICENSE

Amendment No. 1

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>1. Licensee</p> <p>Analytic Stress Relieving, Inc. Western Stress Division (formerly Western Stress, Inc.)</p> <p>2. 7523 Whitepine Road Richmond, Virginia 23237</p>	<p>In accordance with letter dated March 12, 1996</p> <p>3. License Number 45-27519-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration Date July 31, 2005</p> <hr/> <p>5. Docket or Reference No. 030-33846 (42-26900-01)</p>
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<p>6. Byproduct, Source, and/or Special Nuclear Material</p> <p>A. See Condition 10</p> <p>B. Uranium, Natural or Depleted</p>	<p>7. Chemical and/or Physical Form</p> <p>A. Sealed sources</p> <p>B. Metal shielding material</p>	<p>8. Maximum Amount that Licensee May Possess at Any One Time Under This License</p> <p>A. See Condition 10</p> <p>B. Not to exceed 999 kilograms</p>
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9. Authorized use:
- A. For possession and use incident to industrial radiography and replacement of sources.
 - B. For possession and use as shielding in radiography equipment.

CONDITIONS

10. Sealed sources, exposure devices, and source changers authorized for use are as follows:

Isotope	Manufacturer & Model No. of Source Assemblies	Maximum Activity per Source	Manufacturer & Model No. of Exposure Devices	Manufacturer & Model No. of Source Changers
A. Ir-192	AMSHM Model A424-9	140 curies	AMSHM Model 660 B	AMSHM Model 650L
B. Co-60	AMSHM Model A424-14	50 curies	AMSHM Model 680	N/A

ABBREVIATIONS USED IN LICENSE: Amershman (AMSHM)

9604010342 960318
PDR ADOCK 03033845
B PDR

Handwritten signature/initials

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

45-27519-01

Docket or Reference Number

030-33846 (42-26900-01)

Amendment No. 1

(cont.)

CONDITIONS

11. Licensed material shall be used only at 7523 Whitepine Road, Richmond, Virginia; 1602 Hylton Road, Pennsauken, 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.
12. The Radiation Protection Officer for this license is Raymond M. Martin.
13. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have been trained and certified according to the following criteria:
 - A. As specified in letters dated October 20, 1992 and May 12, 1994.
 - B. The provisions of 10 CFR 34.31.
14.
 - A. All newly manufactured radiographic exposure devices and associated equipment acquired after January 10, 1992 shall comply with the requirements of 10 CFR 34.20. The licensee shall maintain records to verify compliance with this Section of the NRC's Regulations.
 - B. Notwithstanding the requirements of § 34.20(a) and pursuant to § 34.51, radiographic equipment authorized for use in radiographic operations under this license need not comply with the torque criteria of Section 8.9.2(c) of American National Standard N432.1980.
15. The licensee is authorized to receive, possess, and use sealed sources of iridium-192 or cobalt-60 where the radioactivity exceeds the maximum amount of radioactivity specified in this license provided:
 - A. Such possession does not exceed the quantity per source specified in Item 8 by more than 20% for iridium-192 or 10% for cobalt-60.
 - B. Records of the licensee show that no more than the maximum amount of radioactivity per source specified in this license was ordered from the supplier or transferor of the byproduct material; and
 - C. The levels of radiation for radiographic exposure devices and storage containers do not exceed those specified in 10 CFR 34.21.
16.
 - A. Notwithstanding the periodic leak test required by Section 34.25(b) of 10 CFR Part 34, such requirement does not apply to radiography sources that are stored and not being used. The sources exempted from this test shall be tested for leakage before use or transfer to another person. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
 - B. Sealed sources authorized for a use other than radiography shall be tested as radiography sources in accordance with 10 CFR Part 34.25.
17. 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."
18. Sealed sources containing licensed material shall not be opened by the licensee.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

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(cont.)

CONDITIONS

19. The licensee shall maintain records of information important to safe and effective decommissioning at the location specified in Condition 2 above pursuant to the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
20. In addition to the possession limits in Item 8 and Condition 14, the licensee shall further restrict the possession of licensed material to quantities below the minimum specified 10 CFR 30.35(d) for establishing decommissioning financial assurance.
21. 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.

Letters dated:

- October 20, 1992
- August 12, 1993
- May 12, 1994
- February 10, 1995 (change in RSO and main location of licensed activities)
- March 8, 1996 [Letter from Analytic Stress Relieving, Inc., signed by Dalton J. Meaux, Treasurer specifying terms of change of ownership.]
- March 12, 1996 [Letter from Western Stress, Inc., signed by Ryotaro Mogi, President and relating to the terms of change of ownership.]
- March 12, 1996 [Amendment request signed James G. Speece, Corporate Radiation Safety Officer requests change of RSO and name change in Radiation Safety Manual]

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date **MAR 8 1996**

By *Earl G. Wright*
 Region II, Division of Nuclear Materials Safety
 101 Marietta Street N.W., Suite 2900
 Atlanta, GA 30333-0199

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03320
Status Code: 0
Fee Category: 30 28
Exp. Date: 20050731
Fee Comments:
Decom Fin Assur Req'd: N

License Fee Management Branch, ARM
and
Regional Licensing Sections

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: WESTERN STRESS, INC.
Received Date: 960313
Docket No.: 3033646
Control No.: 256977
License No.: 45-27519-01
Action Type: Amendment

PRIORITY

2. FEE ATTACHED

Amount:
Check No.:

3. COMMENTS

Signed _____
Date _____

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / 2)

1. Fee Category and Amount:

2. Correct Fee Paid. Application may be processed for:

Amendment _____
Renewal _____
License _____

3. OTHER

Signed _____
Date _____

Log	_____
Permitter	_____
Check No.	41270
Amount	41270
Fee Category	30 28
Type of fee	_____
Date Check Rec'd	3/19/96
Date Completed	3/19/96
By	_____