

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.

301930

Licensee

1. MacMillan Bloedel of America

2. P.O. Box 460
Deerwood, MN 56444In accordance with letters dated
September 13, 1996 and December 4, 1996
3. License Number 22-26223-01 is amended in
its entirety to read as follows:

4. Expiration Date August 31, 2001

5. Docket or
Reference No. 030-323856. Byproduct, Source, and/or
Special Nuclear Material7. Chemical and/or Physical
Form8. Maximum Amount that Licensee
May Possess at Any One Time
Under This License

A. Americium-241

A. Sealed source (LFE
Model SS-3A)A. Four sources not to
exceed 1 curie each

9. Authorized Use:

A. To be used in LFE Model SU-S3 source holder for weight measurement.

CONDITIONS

10. Licensed material shall be used only at the licensee's facilities located four miles west of Deerwood, Minnesota on County Road 12, then one mile south on County Road 102.
11. Licensee material shall be used by, or under the supervision of, Steve McKenney, Larry Herbst, Derek Templeton, Allan Rogers, Steven Gustafson, Douglas Holte, Joseph Theibault, Randy Holmvig, Kevan Schnieder or Mike Nelson.
12. Sealed sources containing licensed material shall not be opened or removed from the device by the licensee.
13. The Radiation Protection Officer for the activities authorized by this license is Steve McKenney.
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.

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PDR ADOCK 03032385
C PDR

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

22-26223-01

Docket or Reference Number

030-32385

Amendment No. 01

- 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
 - (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 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 III, ATTN: Chief, Nuclear Materials Safety Branch, 801 Warrenville Road, Lisle, Illinois 60532-4351. The report shall specify the source involved, the test results, and corrective action taken.
- F. The licensee is authorized to collect leak test samples for analysis by Radiation Consultants, Inc. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.

COPY

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number

22-26223-01

Docket or Reference Number

030-32385

Amendment No. 01

15. Installation, initial radiation survey, relocation, removal from service, maintenance, and repair of devices containing sealed sources shall be performed by LFE Corporation or by persons specifically licensed by the Commission or an Agreement State to perform such services. Installation, replacement, and disposal of sealed sources shall be performed only by persons specifically licensed by the Commission or an Agreement State to perform such services.
16. The licensee shall assure that the shutter mechanism is locked in the closed position during periods when a portion of an individual's body may be subject to the direct radiation beam. The licensee shall also modify their "lock-out" procedures whenever a new gauge is obtained for use other than purposes for which they are currently authorized to incorporate the device manufacturer's recommendations.
17. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the license.
18. 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 June 7, 1991; and
- B. Letters dated June 7, 1991 and July 22, 1991.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date 17 December 1996By William P. Reichhold
Nuclear Materials Licensing Branch, Region III

COPY

57

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

(FOR LFMS USE)
INFORMATION FROM LTS

Program Code: 03120
Status Code: 0
Fee Category: 3P
Exp. Date: 20010831
Fee Comments:
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: TRUS JDIST MACMILLAN
Received Date: 961008
Docket No: 3032385
Control No.: 301930
License No.: 22-26223-01
Action Type: Amendment

2. FEE ATTACHED

Amount: 300
Check No.: 43-235373

3. COMMENTS

Signed
Date

D. Hersey
10-8-96

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

1. Fee Category and Amount: *3P* *\$300*

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

Amendment ☒
Renewal ☐
License ☐

3. OTHER

Signed
Date

SC
10/13/96

OCT 23 1996

Log	<i>Oct 7 III</i>
Remitter	<i>43-35373</i>
Check No.	<i>4300</i>
Amount	<i>3P</i>
Fee Category	<i>AmD</i>
Type of Fee	<i>10/11/96</i>
Date Check Rec'd	<i>10/15/96</i>
Date Completed	<i>SC</i>
By:	

1996 OCT 11 PM 3:53



September 13, 1996

U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

RE: License # 22-26223-01
Docket # 030-32385

Dear Sir or Madame:

Please amend license number 22-26223-01 as follows:

Condition 11 Delete the following names - Joseph Wendell and Don Moores

Add the following names - Joseph Theibault, Randy Holmvgig, Kevan Schnieder,
Mike Nelson.

Condition 13 Change the Radiation Safety Officer from Blair Froseth to Steve McKenney

The above mention personnel who Trus Joist MacMillan is requesting be added to this license, including the new Radiation Safety Officer, have received appropriate training through LFE, the manufacturer of the onsite nuclear devices.

Please find a check enclosed in the amount of 300.00 to pay for the amendment.

Please contact me if you have any questions or require additional information.

Sincerely,

Steve McKenney

Safety Health and Environmental Practices manager

RECEIVED
OCT 08 1996
REGION III

Pm: 10-3-96

301930

OCT 08 1996

DEC 17 1996

Steven McKenney
MacMillan Bloedel of America
P.O. Box 460
Deerwood, MN 56444

Dear Mr. McKenney:

Enclosed is Amendment No. 01 to your NRC Material License No. 22-26223-01 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

We have extended the expiration date of the license for five years in accordance with the regulations (10 CFR 30.36).

Please note, we have removed the license condition requiring decommissioning records because this requirement is in the regulations.

Also note, we have not authorized the change of ownership of this time, because we need additional information as described in NRC Information Notice 89-25, Rev. 1, "Unauthorized Transfer of Ownership or Control of Licensed Activities" (enclosed). Please resubmit your request as additional information to mail control 301930 to avoid an additional fee.

Please be advised that your license expires at the end of the day, in the month, and year stated in 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 Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Notify NRC, in writing, within 30 days:
 - a. When the Radiation Safety Officer permanently discontinues performance of duties under the license or has a name change; or

301930

- 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(b) and/or license condition, notify NRC, promptly, in writing, and request termination of the license when you decide to terminate all activities involving materials authorized under the license.
4. Request and obtain a license amendment before you:
 - a. Change Radiation Safety Officers;
 - b. Order byproduct material in excess of the amount, or radionuclide, or form different than authorized on the license;
 - c. Add or change the areas of use or address or addresses of use identified in the license application or on the license; or
 - 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. 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 signatory for 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 General Policy and Procedures for NRC Enforcement Actions. Since serious consequences to employees and the public can result from failure to comply with NRC requirements,

S. McKenney

-3-

prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

Original Signed By
William P. Reichhold
Nuclear Materials Licensing Branch

License No. 22-26223-01
Docket No. 030-32385

Enclosures:

1. Amendment No. 01
2. NRC IE-Notice 89-25, Rev. 1

DOCUMENT NAME: M:\03032385.CL6

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" =
Copy with attachment/enclosure "N" = No copy

OFFICE	DNMS/RIII								
NAME	WPreichhold:brt								
DATE	12/ /96								

OFFICIAL RECORD COPY

December 4, 1996

Bill Reichhold
United States Nuclear Regulatory Commission
Region 3
801 Warrenville Road
Lisle, Illinois 60532-4351

Dear Mr. Reichhold:

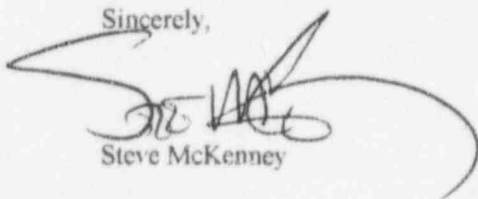
Mail control 301930

Following is a list of responses to the questions you faxed me on November 20, 1996

- 1.) Please remove Blair Froseth as an authorized user
- 2.) I have included photocopies of the certificates presented to Joseph Theibault, Randy Holmwig, Kevan Schnieder, Mike Nelson and Steve McKenney.
- 3.) Please list Steve McKenney as an authorized user.
- 4.) The company has undergone an ownership change. Please change the name on the license to Trus Joist MacMillan.
- 5.) Please remove license condition 15 B.

I hope the above responses provide the additional information you need to complete the review of the license amendment request. Please contact me at (218) 546-8114 should you have any further questions or require additional information

Sincerely,



Steve McKenney

Environmental Engineer

RECEIVED
DEC 09 1996
REGION III

DEC 09 1996

FAX TRANSMITTAL

To: <i>STEVEN MCKENNEY</i>	From: <i>BILL REICHHOLD</i>
Org./Agency: <i>MacMillan Bloedel</i>	Phone: <i>630-829-9839</i>
Fax: <i>(214) 546-7178</i>	Fax: <i>630-515-1259</i>

NRN 7540-01-311-7308 0099-101 GENERAL SERVICES ADMINISTRATION

UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION 3
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

PHONE CONVERSATION RECORD

20 November 1996
Steve McKenney
Radiation Safety Officer
MacMillan Bloedel of America
Deerwood, Minnesota

Dear Mr. McKenney,

The following additional information is need to complete the review of the license amendment request.

1. Please clarify if you wish Blair Froseth to remain listed as an authorized user.
2. Please submit evidence (such as training certificates) that Joseph Theibault, Randy Holmvig, Kevan Schnieder, Mike Nelson, and Steve McKenney have successfully completed the manufacturer's training course for safely using nuclear gauges.
3. Please clarify if you wish Steve McKenney listed as an authorized user.
4. The license indicates that the companies name is Macmillan Bloedel of America, however, the your letter head indicates that the company name is Trus Joist MacMillan. Please clarify if you wish a name change or ownership change.
5. License condition 15.B. gives you authorization to perform repair on gauges as described in the letters submitted with your application. If you still wish to perform this maintenance, please verify that the new users have received the necessary training to repair gauges. OR If you do not wish authorization to repair gauges, please indicate that we may remove this authorization.

Please send a "hard copy" of your response within 15 days and refer to mail control 301230. Please call me at 630-829-9839 if you have any questions.

Sincerely,


Bill Reichhold
Bill Reichhold



CERTIFICATE


Awarded to
Steve McKenney

FOR SUCCESSFUL COMPLETION OF A 16 HOUR COURSE IN RADIATION TECHNOLOGY.
SUBJECTS INCLUDED WERE:

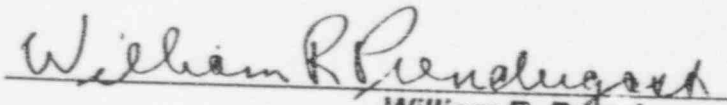



STRUCTURE OF THE ATOM
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UNITS OF RADIOACTIVITY
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GEIGER TUBE SURVEY METER
UNITS OF RADIATION DOSE
ION CHAMBER SURVEY METER
NRC AND AGREEMENT STATES
LEAK TESTING
PROTECTION AGAINST RADIATION
BIOLOGICAL EFFECTS OF RADIATION
EMERGENCY PROCEDURES
REPORTING INCIDENTS



PRESENTED AT: Trus Joist MacMillan
County Road 102
Deerwood, Minnesota 56444
September 10 - 11, 1996


William R. Prendergast
Radiation Safety Officer
LFE Corporation
Clinton, MA 01510





CERTIFICATE


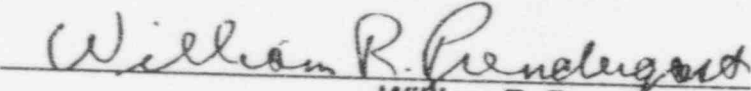
Awarded to
Mike Nelson

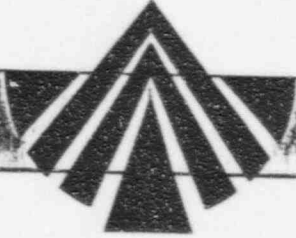
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SUBJECTS INCLUDED WERE:

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PRESENTED AT: Trus Joist MacMillan
County Road 102
Deerwood, Minnesota 56444
September 10 - 11, 1996



William R. Prendergast
Radiation Safety Officer
LFE Corporation
Clinton, MA 01510





CERTIFICATE


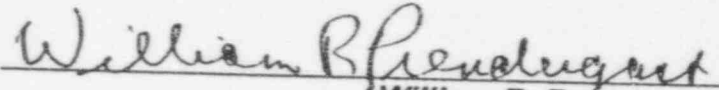
Awarded to
Kevan Schneider

FOR SUCCESSFUL COMPLETION OF A 16 HOUR COURSE IN RADIATION TECHNOLOGY.
SUBJECTS INCLUDED WERE:

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PRESENTED AT: Trus Joist MacMillan
County Road 102
Deerwood, Minnesota 56444
September 10 - 11, 1996




William R. Prendergast
Radiation Safety Officer
LFE Corporation
Clinton, MA 01510



CERTIFICATE


Awarded to
Joe Thiebault

FOR SUCCESSFUL COMPLETION OF A 16 HOUR COURSE IN RADIATION TECHNOLOGY.
SUBJECTS INCLUDED WERE:

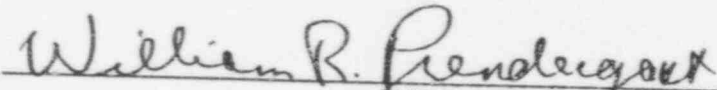


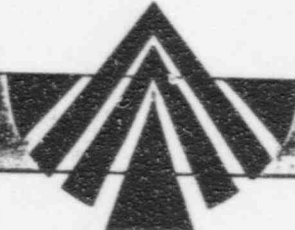
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REPORTING INCIDENTS



PRESENTED AT: Trus Joist MacMillan
County Road 102
Deerwood, Minnesota 56444
September 10 - 11, 1996


William R. Prendergast
Radiation Safety Officer
LFE Corporation
Clinton, MA 01510






CERTIFICATE


Awarded to
Randy Holmuig

FOR SUCCESSFUL COMPLETION OF A 16 HOUR COURSE IN RADIATION TECHNOLOGY.
SUBJECTS INCLUDED WERE:

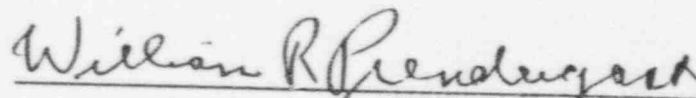



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PRESENTED AT: Trus Joist MacMillan
County Road 102
Deerwood, Minnesota 56444
September 10 - 11, 1996


William R. Prendergast
Radiation Safety Officer
LFE Corporation
Clinton, MA 01510





UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

October 9, 1996

Steve McKenney
Radiation Safety Officer
Trus Joist Macmillan
P. O. Box 460
Deerwood, MN 56444

SUBJECT: ACKNOWLEDGEMENT OF CORRESPONDENCE
(Letter Dated 09/13/96)

Dear Licensee:

In response to your request, we have completed the initial processing, which is an administrative review of your application for a(n):

☐ New License ☒ Amendment ☐ Renewal
☐ Termination ☐ Auth User (Amendment not required)
☐ Other _____

No administrative deficiencies were identified during this initial review. However, it should be noted that a technical review may identify omissions in the submitted information.

It appears that your request is routine (see 1-3 below, as applicable).

1. New and amendment actions are normally processed within 90 days, unless we find major deficiencies, or policy issues requiring central program office assistance.
2. Renewal actions are normally processed within 180 days, however, under timely filing (before expiration), you may continue to operate under your existing license.
3. Termination actions are normally processed within 90 days, unless confirmatory surveys following decontamination/decommissioning activities are involved.

A copy of your correspondence has been forwarded to our Licensing Fee and Debt Collection Branch (301/415-6097) for approval of the fee category and amount, if required.

If you have a compelling safety or business-related reason for requesting expedited review, please contact the Materials Licensing Branch at (630) 829-9887. We will try to complete your request as soon as practicable. Any correspondence about this request should reference the control number.

Nuclear Materials Support Branch

Mail Control No. 301930
License No. 22-26223-01

TRANSMIT CONFIRMATION REPORT

NO. : 001
RECEIVER : TRUS JOIST MACMILLAN
TRANSMITTER : US NRC REGION III
DATE : NOV 20'96 10:43
DURATION : 00'47
MODE : STD
PAGES : 01
RESULT : OK

(218) 546 -8114

FAC TRANSMITTAL

of pages 1

To: <i>Steve McKenney</i>	From: <i>Bill Reichhold</i>
Dept. Agency: <i>MacMillan Bloedel</i>	Phone #: <i>630-829-9839</i>
Fax #: <i>(218) 546-7178</i>	Fax #: <i>630-515-1259</i>

NSN 7540-01-317-7368 5099-101 GENERAL SERVICES ADMINISTRATION

UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION 3
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

PHONE CONVERSATION RECORD

20 November 1996
 Steve McKenney
 Radiation Safety Officer
 MacMillan Bloedel of America
 Deerwood, Minnesota

Dear Mr. McKenney,

The following additional information is need to complete the review of the license amendment request.

1. Please clarify if you wish Blair Froseth to remain listed as an authorized user.
2. Please submit evidence (such as training certificates) that Joseph Theibault, Randy Holmwig, Kevan Schnieder, Mike Nelson, and Steve McKenney have successfully completed the manufacturer's training course for safely using nuclear gauges.
3. Please clarify if you wish Steve McKenney listed as an authorized user.
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5. License condition 15.B. gives you authorization to perform repair on gauges as described in the letters submitted with your application. If you still wish to perform this maintenance, please verify that the new users have received the necessary training to repair gauges. OR If you do not wish authorization to repair gauges, please indicate that we may remove this authorization.

Please send a "hard copy" of your response within 15 days and refer to **mail control 301930**. Please call me at 630-829-9839 if you have any questions.

Sincerely,

Bill Reichhold
 Bill Reichhold