



April 3, 2014

Nuclear Materials Licensing Branch
U. S. Nuclear Regulatory Commission - Region IV
612 East Lamar Blvd Suite 400
Arlington, TX 76011-4125



Clearwater Paper Corporation
Idaho Pulp & Paperboard
803 Mill Road, P.O. Box 1126
Lewiston, ID 83501-1126

Re: License Amendment – Change RSO to James N. Ho

To whom it may concern,

This is a request to change the RSO on our Nuclear Materials License number 11-27075-01 from Paul E. Bridges to James N. Ho effective May 15, 2014.

James started in the Potlatch Corporation (now Clearwater Paper) Radiation Protection Program in 2005, receiving classroom and hands-on training covering all aspects of the program. This includes gauge inspections and shutter testing, leak test procedures, gauge lockouts, survey meter care and use, personnel dosimetry and annual awareness training to our employees. James has also assisted with receiving, storing, installing and relocating our gauges and has learned the procedures to follow during an emergency involving nuclear gauges. He has worked with the RSO in the filing of license amendments and renewals, the duties of the RSO, our site Radiation Protection Program (RPP), record keeping and program audits.

In recent years continued training has covered radiation health effects, radiation measuring and monitoring, the principles of ALARA, regulatory requirements, operational theory of our gauges and actual hands on use of these gauges.

Recent on-site training and hands-on experience is as follows:

11-8-05 – A 16 hour General Radiation Safety and Technical Training Class by Donald Silvernell with Ronan Engineering Company, 8050 Production Drive, Florence, KY 41042

12-14-05 – An 8 hour D.O.T. training class by David Fairley of Lewis-Clark State College, 500 8th Avenue, Lewiston, ID 83501

4-28-09 – A 4 hour Radiation Safety Course concerning the NDC 104 Backscatter Gauge by Ian Pearce with NDC Engineering, 5314 North Irwindale Ave., Irwindale, CA 91706

4-12-12 – A 4 hour Industrial Gauge User class by Steve Wilson from Qal-Tek Associates, 3998 Commerce Circle, Idaho Falls, ID 83401

3-20-14 – A 40 hour Radiation Safety Officer training class by Mike Hensley with RSO Services, 85 Buttercup Way, Carbon Hill, AL 35549

2009 – 6 total hours of hands-on field training performing inspections, leak testing, lockouts and installation surveys on various gauges in the Pulp Mill area.

5 8 3 6 2 5

2010 - 29 total hours of hands-on field training performing inspections, leak testing, specific license annual fee filing, gauge receiving procedures and gauge surveys

2011 - 52 total hours of hands-on field training performing inspections, leak testing and shutter checks as part of the 6 month inspection process.

2012 - 74 total hours of hands-on field training performing inspections, leak testing and shutter checks as part of the 6 month inspection process. Also includes time spent on our RPP audit and reviewing our General License Registration documents

2013 - 100 total hours of hands-on field training and supervised work performing inspections, leak testing, shutter checks and sign and label maintenance as part of the 6 month inspection process. Also includes survey meter use and maintenance, record keeping and personal dosimetry.

2014 to present - 200 total hours of hands-on field training and supervised work performing inspections, leak testing, shutter checks, survey meter training and use, record keeping, license study and review, Form 3 postings, Radiation Protection Program study and review and personal dosimetry reorder and distribution.

Attached please find the following support documents:

NRC Form 313 - Application for Materials License

Copies of 5 Certificates of Radiation Safety Training for James N. Ho

Attachment showing proposed wording revision to Section #12 of the Clearwater Paper Corp. Materials License No. 11-275075-01

Please contact me with any questions at 208-799-1857, 208-791-7262 or email at

paul.bridges2@clearwaterpaper.com

Sincerely,



Paul E. Bridges - RSO

Clearwater Paper Corp

803 Mill Road

Lewiston, ID 83501

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: goc

Date: 4/21/14

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 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.resource@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.

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:

OFFICE OF FEDERAL & STATE MATERIALS AND
ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
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

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

RECEIVED
APR - 8 2014

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 11-275075-01
- ☐ C. RENEWAL OF LICENSE NUMBER _____

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

Clearwater Paper Corporation
P.O. Box 1126
Lewiston, ID 83501

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

801 & 803 Mill Road
Lewiston, ID 83501

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Paul E Bridges - RSO

TELEPHONE NUMBER

(208) 799-1857

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.

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

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

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY **1C** 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

Jay Backus - VP - Mill Operations

SIGNATURE

Jay Backus

DATE

4/4/14

FOR NRC USE ONLY

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

**NRC Form 313 - ITEM #7 – INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY
PROGRAM AND THEIR TRAINING EXPERIENCE**

Please amend Section 12 of Materials License #11-275075-01 to read as follows:

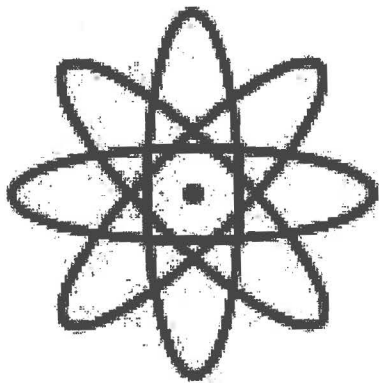
12. A. *The Radiation Safety Officer (RSO) for this license is James N. Ho.*
- B. *Before assuming the duties and responsibilities of RSO for this license, the individual shall have successfully completed one of the training courses described in Criteria in Section 8.7.1 of NUREG-1556, Volume 4, dated October, 1998.*
- C. *A list of persons available to serve as alternate RSO shall be maintained in the current RSO's office and made available upon request. These persons must have successfully completed one of the training courses described in Criteria in Section 8.7.1 of NUREG-1556, Volume 4, dated October, 1998.*

RONAN ENGINEERING COMPANY

RADIATION SAFETY TRAINING

This certificate is awarded to:

James Ho



For completion of the 4-Hour, General Radiation Safety and Technical Training Class, including the following topics:

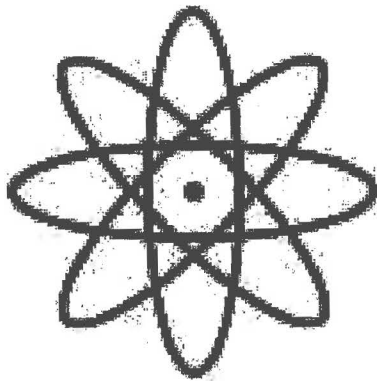
- Atomic structure, types of radiation, classification, principles and practices of radiation protection (time, distance, and field reduction)
- Occupational dose limits, source holder handling procedures, proper techniques of radiation survey equipment, Leak Test procedure.
- Detector construction and principles of operation, lockout procedures.
- X99 Hardware and Software configuration.
- Referencing and Calibration of the gauge.
- Common troubleshooting techniques.

Donald J. Schemell
Signature

11-8-05
Date

RONAN ENGINEERING COMPANY

RADIATION SAFETY TRAINING



This certificate is awarded to:

James Ho

For completion of the 12-Hour, Radiation Safety Class,
including the following topics:

- Types, characteristics, and origins of ionizing radiation used for industrial measurement.
- Principles and practices of radiation protection (time, distance, and shielding).
- Radioactivity measurement standardization and monitoring techniques and instruments.
- Basic mathematics and calculations made to the use and measurement of radioactivity.
- Biological effects of exposure to ionizing radiation.
- Procedures for performing radiological duties (source holder handling and emergency procedures).
- RSO duties and responsibilities.

Donald J. Sibemall
Signature

11-8-05
Date

Certificate of Completion

Issued by

Lewis-Clark State College

James Ho

Has successfully completed 3 hours of

Radiation/DOT Rules & Regulations

Dated this 14th day of December, 2005 at Lewiston, Idaho



Workforce Training Coordinator

Certificate of Completion


Awarded to

James Ho

For the successful completion of 104PC training

Presented by
NDC Infrared Engineering, Inc.
April 28, 2009


Ian Pearce
NDC Applications Engineer


Mario Lopez
VP Global Customer Care

CERTIFICATE OF COMPLETION



PRESENTED BY

QAL-TEK ASSOCIATES, L.L.C.

TO

JAMES HO

FOR HAVING SUCCESSFULLY COMPLETED THE NUCLEAR INDUSTRIAL GAUGE USER
TRAINING IN ACCORDANCE WITH THE
REQUIREMENTS OF 10 CFR 20 and/or NUREG 1556 VOL 4

PRESENTED THIS

APRIL 12, 2012

Signature of Trainer

Steve Wilson

/ STEVE WILSON

Location: LEWISTON, ID

CERTIFICATE OF COMPLETION

Presented to:

JAMES HO

40 Hour Radiation Safety Officer Course

Including

Physics, Mathematics, Operation of Survey equipment, Emergency Procedures,
Rules and Regulations, Safety, Health and Operating Procedures.

CERTIFICATE #MLHID032020140743

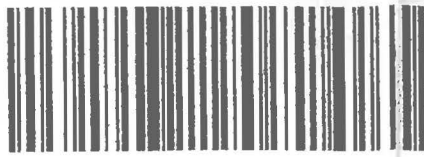
Issued By

RSO SERVICES, INC

Instructor Dr. Michael L. Hensley - Alternate RSO

Date: 03/20/2014

CERTIFIED MAIL



7012 3460 0001 8536 2996

ARWATER
ER | Pulp + Paperboard
Division

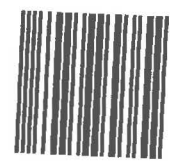
water Paper Corporation
ill Road, P.O. Box 1126
on, ID 83501-1126

X-RAYED

**Nuclear Materials Licensing Branch
U.S. Nuclear Regulatory Comm. – Region IV
612 E. Lamar Boulevard, Suite 400
Arlington, TX 76011-4125**



1000



76011

U.S. POSTAGE
PAID
LEWISTON, ID
83501
APR 04, '14
AMOUNT

\$7.40
00042678-07

76011-4125

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 03120
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date: 03/31/2011
Fee Comments: REPLACES IDA-42
Decom Fin Assur Req'd: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: CLEARWATER PAPER CORPORATION
Received Date: 04/08/2014
Docket Number: 3032229
Mail Control Number: 583625
License Number: 11-27075-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

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: _____



DATE

04/10/2014

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Clearwater Paper Corporation
ATTN: Paul E. Bridges, RSO
P.O. Box 1126
Lewiston, ID 83501

LICENSE NUMBER

11-27075-01

MAIL CONTROL NUMBER

583625

LICENSING AND/OR TECHNICAL REVIEWER

cmurnahan

CM

This is to acknowledge the receipt of your:

☒ LETTER and/or ☒ APPLICATION

DATED: 04/03/2014

The initial processing, which included an administrative review, has been performed.

☒ AMENDMENT ☐ TERMINATION ☐ NEW LICENSE ☐ RENEWAL

☒ There were no administrative omissions identified during our initial review.

☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

☐ Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Blvd.
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

*emailed to
lic 4-10-14*