



MASA FUJIOKA & ASSOCIATES

A PROFESSIONAL PARTNERSHIP

ENVIRONMENTAL • GEOTECHNICAL • HYDROGEOLOGICAL CONSULTANTS

98-021 Kamehameha Highway, #337 • Aiea, Hawaii • 96701-4914

Phone 808 484-5366 • Fax 808 484-0007

July 11, 2012

Nuclear Materials Licensing Branch
United States Nuclear Regulatory Commission, Region IV
612 E. Lamar Blvd., Suite 400
Arlington, Texas 76011-4125

RECEIVED

JUL 25 2012

Subject: **License Renewal Application**
License No. 53-29043-01
Expiration Date – September 30, 2012

DNMS

Dear Licensing Branch:

Masa Fujioka & Associates (MFA) is pleased to formally request a renewal of the above referenced license. We have attached the NRC Form 313 as instructed in your letter dated July 2, 2012. In addition to attaching this form MFA provides the following information/comments for the following items:

A. NRC Form 313, Item 5 – Radioactive Material

<i>Radioisotope</i>	<i>Manufacturer and Model No.</i>	<i>Quantity</i>
Cesium-137	Sealed sources (Campbell Pacific Nuclear MC-1 DRP)	Not to exceed 10 millicuries per source and 40 millicuries total
Americium-241	Sealed neutron sources (Campbell Pacific Nuclear MC-1 DRP)	Not to exceed 50 millicuries per source and 200 millicuries total

B. NRC Form 313, Item 6 – Purposes for Which Licensed Material will be Used

The authorized use for Campbell Pacific Nuclear Model MC-1 DRP Series portable gauges is to measure properties of construction materials. MFA has four portable density nuclear gauges (all MC-1 DRP models).

C. NRC Form 313, Item 7 – Individuals Responsible for Radiation Safety Program and their Training Experience

Jayson S. Mitsuyoshi is presently the Radiation Safety Officer (RSO) for MFA. He has completed the CPN training course entitled *Radiation Safety Officer Seminar for Nuclear Gauges* on September 2008 in Kapolei, Hawaii.

☒ **PUBLIC**
☐ Immediate Release
☒ Normal Release

NON-PUBLIC

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

Reviewer: Jno Date: 7/27/12

577931

Nuclear Materials Licensing Branch

May 3, 2002

Page 2

D. NRC Form 313, Item 8 – Training for Individuals Working in or Frequenting Restricted Areas

To date, before using licensed materials, authorized users have successfully completed one of the training courses described in Criteria in the section entitled "Training of Individuals Working in or Frequenting Restricted Areas" in NUREG-1556, Volume 1, Revision 1, dated November 2001. MFA's RSO conducts in-house training for all employees using the portable nuclear gauges, and prepares and maintains documentation of training.

MFA instructors will have the following minimum qualifications:

1. Bachelor's degree in a physical or life science or engineering
2. Successful completion of portable gauge user course (for models used by MFA)
3. Successful completion of an 8-hour radiation safety training course
4. Eight hours hands-on experience with portable gauges

The following minimum items will be included in the course content:

- Two hours of radiation safety and regulatory requirements, emphasizing practical subjects important to safe use of the gauge; radiation vs. contamination; internal vs. external exposure; ALARA concept; use of time, distance, and shielding to minimize exposure; control and surveillance of gauges; location of sealed source within portable gauge; inventory; recordkeeping; incidents; licensing and inspection by regulatory agency; need for complete and accurate information; employee protection; deliberate misconduct.
- Two hours of practical explanation of portable gauge theory and operation; operating, emergency, maintenance, and transportation procedures, and field training emphasizing radiation safety and including test runs of: setting up and making measurements with the gauge, controlling and maintaining surveillance over the portable gauge, performing routine cleaning and lubrication, packaging and transporting the gauge, storing the gauge, and following emergency procedures.

Nuclear Materials Licensing Branch

May 3, 2002

Page 3

E. NRC Form 313, Item 9 – Facilities and Equipment

Not required to submit information at this time.

F. NRC Form 313, Item 10 – Radiation Safety Program

1. Survey Instruments - MFA possesses survey meters that meet the criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001. Specifically, MFA uses two instruments from SE International (Monitor 4, Serial Numbers 25949, and 71489). These survey meters are calibrated annually by SE International.
2. Material Receipt and Accountability - Physical inventories will continue to be conducted at intervals not to exceed six months to account for all sealed sources and devices received and possessed under the license.
3. Occupational Dosimetry - MFA will continue to maintain documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20. This is accomplished by using our calibrated survey meters to collect readings in and around the nuclear gauge storage area each December (when annual audit is conducted).
4. Operating and Emergency Procedures - Operating and emergency procedures have been developed, implemented, and maintained to meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG 1556, Vol. 1, Rev. 1, dated November 2001. Copies of these procedures are maintained with the RSO (as part of the Radiation Safety Plan) as well as kept with each nuclear gauge.
5. Leak Test - Leak tests will continue to be completed annually by an organization authorized by the NRC to provide leak testing services. Currently, leak tests are submitted to InstroTek Inc. for analysis.
6. Maintenance - MFA will continue to implement and maintain procedures for routine maintenance of our gauges according to the manufacturer's recommendations. We will ship the gauges to the manufacturer to perform non-routine maintenance or repair operations (that includes the removal of the source or source rod from the gauge).

Nuclear Materials Licensing Branch

May 3, 2002

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G. NRC Form 313, Item 11 – Waste Management

Not required to submit information at this time.

It has been a pleasure preparing this request for you. Please call Jayson S. Mitsuyoshi at 484-5366 if you have any questions or require additional information.

Respectfully submitted,

MASA FUJIOKA & ASSOCIATES
A Professional Partnership



Masanobu R. Fujioka
Principal-in-Charge

(2 copies submitted)

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Attachments: NRC Form 313

NRC FORM 313

(3-2009)

10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

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

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

☒

C. RENEWAL OF LICENSE NUMBER

53-29043-01

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

Masa Fujioka & Associates
98-021 Kamehameha Hwy Suite #337
Aiea, HI 96701

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

98-021 Kamehameha Hwy Suite #337
Aiea, HI 96701

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Jayson S. Mitsuyoshi

TELEPHONE NUMBER

808-484-5366

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

AMOUNT
ENCLOSED

\$

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

Masa Fujioka, Principal in-charge

SIGNATURE

DATE

7-11-12

FOR NRC USE ONLY

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

NRC FORM 313

(3-2009)

10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

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C. RENEWAL OF LICENSE NUMBER

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Masa Fujioka & Associates
98-021 Kamehameha Hwy Suite #337
Aiea, HI 96701

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Aiea, HI 96701

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10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

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AMOUNT
ENCLOSED

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CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Masa Fujioka, Principal in-charge

SIGNATURE

DATE

7-11-12

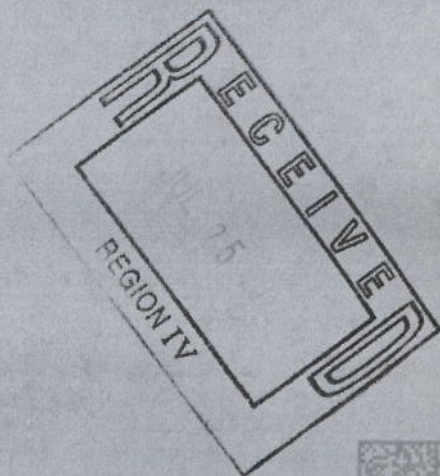
FOR NRC USE ONLY

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

MASA FUJIOH
98-021 Kamehameha Hwy., #337
Aiea, Hawaii 96701
Phone: (808) 484-5386 • Fax: (808) 484-0007



NUCLEAR MATERIALS LICENSING BRANCH
UNITED STATES REGULATORY COMMISSION, REGION IV
612 F. TAMAR BLVD., SUITE 400
ARLINGTON, TEXAS 76011-4125



02:1P
0001703
MAILED F
UNITED STATES

577931

RECEIVED

JUL 25 2012

DNMS



DATE

07/26/2012

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Masa Fujioka & Associates
ATTN: Jayson S. Mitsuyoshi
Radiation Safety Officer
98-021 Kamehameha Highway, Suite 337
Aiea, Hawaii 96701-4914

LICENSE NUMBER

53-29043-01

MAIL CONTROL NUMBER

577931

LICENSING AND/OR TECHNICAL REVIEWER

ch

This is to acknowledge the receipt of your:

☒ LETTER and/or ☒ APPLICATION DATED: 07/11/2012

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 Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

✓ 7/26

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03121
Status Code: Pending Renewal
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: MASA FUJIOKA & ASSOCIATES
Received Date: 07/25/2012
Docket Number: 3032803
Mail Control Number: 577931
License Number: 53-29043-01
Action Type: Renewal

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

Carol L. Heise
7/26/12

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: _____